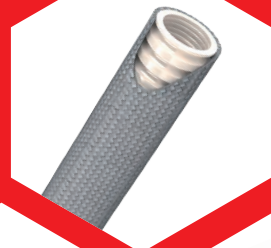


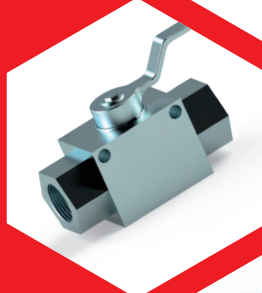
## HYDRAULIC & PNEUMATIC CONNECTORS

Conducciones hidráulicas y neumáticas  
Hydraulische und Pneumatische Verbindungen  
Connectique Hydraulique et Pneumatique

20



22



¿ESTÁS PREPARADO  
PARA DISFRUTAR DE NUESTRA NUEVA WEB?  
+ RÁPIDA Y FUNCIONAL

ARE YOU READY?  
NEW WEBSITE LAUNCHING COMING SOON!  
BETTER & FASTER



## Flexible connectors

*Flexibles hidráulicos*

Hydraulikschläuche und -Armaturen

*Flexibles hydrauliques*

**TrAle®**



## Industrial Flexible Hoses & Fittings

*Flexibles industriales*

Industrieschläuche und -Armaturen

*Flexibles industriels*

**INDUS TrAle®**



## Pipe connectors

*Tubo rígido*

Rohr

*Connectique rigide*

**TrAle®**



## Accessories

*Accesorios*

Zubehör

*Accessoires*

**TrAle®**



## Pneumatic connectors

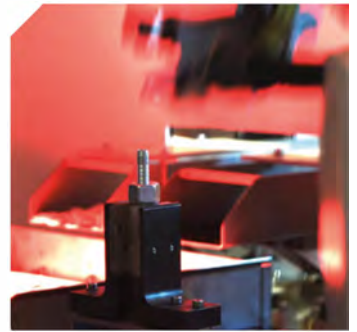
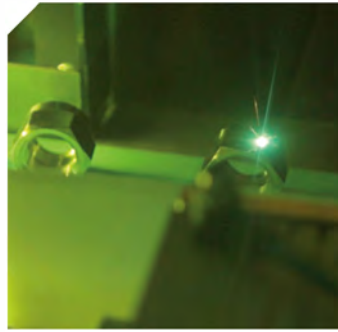
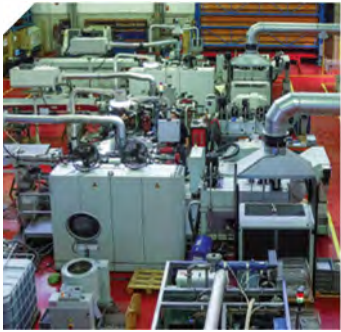
*Conducciones neumáticas*

Pneumatische Verbindungen

*Connectique pneumatique*

**TrAle®**





FABRICACIÓN • MANUFACTURE  
LOGÍSTICA • LOGISTICS  
ÁREA CALIDAD • QUALITY DEPARTMENT  
ÁREA TÉCNICA • TECHNICAL DEPARTMENT  
TALLER HIDRÁULICA • HYDRAULIC WORKSHOP  
TALLER LATIGUILLOS • HOSE ASSEMBLY WORKSHOP  
TALLER SOLDADURA • WELDING WORKSHOP  
SERVICIOS COMERCIALES • COMMERCIAL SERVICES  
PLATAFORMA DIGITAL • DIGITAL PLATFORM



## Flexible connectors

*Flexibles hidráulicos*

Hydraulikschläuche und -Armaturen

*Flexibles hydrauliques*

# TrAle®



## **HOSES**

Mangueras  
Schläuche  
Tuyaux



## **FLEXIBLE HOSE FITTINGS**

Racores para tubería flexible  
Schlaucharmaturen  
Embouts à sertir



## **FLOW MEASURING**

Metrología  
Messtechnik  
Test du circuit hydraulique



## **EQUIPMENT FOR FLEXIBLE HOSES**

Máquinas tratamiento tubo flexible  
Maschinen für Schlauchbearbeitung  
Machines pour le montage des flexibles



**HYDRAULIC HOSES TRΔLE® GOLD 11**

Mangueras hidráulicas TrΔle® GOLD  
Hydraulikschläuche TrΔle® GOLD  
Tuyaux hydrauliques TrΔle® GOLD

**HYDRAULIC HOSES TRΔLE® 16**

Mangueras hidráulicas TrΔle®  
Hydraulikschläuche TrΔle®  
Tuyaux hydrauliques TrΔle®

**HYDRAULIC HOSES GREENLINE 21**

Mangueras hidráulicas GreenLine  
Hydraulikschläuche GreenLine  
Tuyaux hydrauliques GreenLine

**THERMOPLASTIC HOSES TRΔLE® 22**

Mangueras termoplásticas TrΔle®  
Thermopl. Schläuche TrΔle®  
Tuyaux thermoplastiques TrΔle®

**PTFE HOSES TRΔLE® 25**

Mangueras PTFE TrΔle®  
PTFE-Schläuche TrΔle®  
Tuyaux PTFE TrΔle®

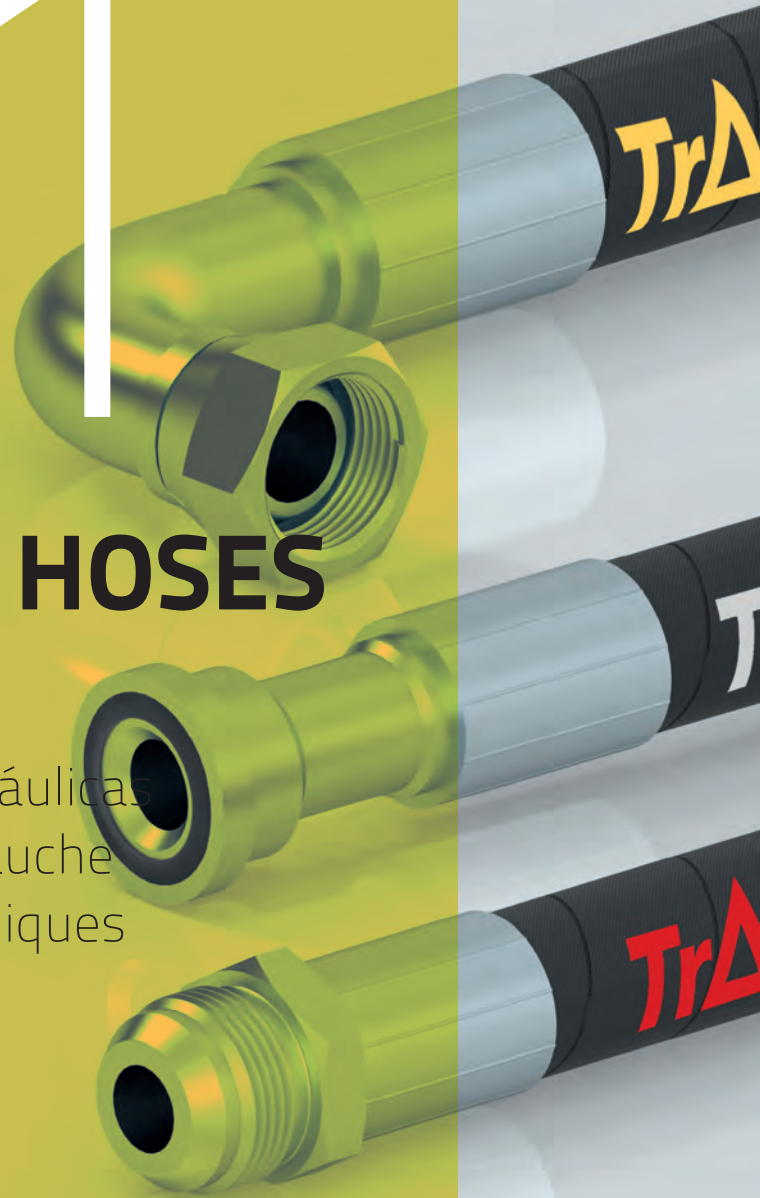
**HYDRAULIC HOSES PTFE GREENLINE 27**

Mangueras PTFE GreenLine  
Hydraulikschläuche PTFE GreenLine  
Tuyaux hydrauliques PTFE GreenLine

# 01

## HYDRAULIC HOSES

Mangueras Hidráulicas  
Hydraulikschläuche  
Tuyaux hydrauliques





## HYDRAULIC HOSES TRΔle® GOLD

Mangueras hidráulicas TrΔle® GOLD

Hydraulikschläuche TrΔle® GOLD

Tuyaux hydrauliques TrΔle® GOLD

Steel Braid TrΔle® GOLD - RockCover ▪ Malla metálica TrΔle® GOLD - RockCover ▪ Metallwendel TrΔle® GOLD - RockCover ▪ Tresse métallique TrΔle® GOLD - RockCover

11



ML2230...RC

ML25C...RC

ML4290...RC

ML3511...RC

ML021...RC

ML4569...RC

Steel Braid TrΔle® GOLD - DiamondCover ▪ Malla metálica TrΔle® GOLD - DiamondCover ▪ Metallwendel TrΔle® GOLD - DiamondCover ▪ Tresse métallique TrΔle® GOLD - DiamondCover

12



ML3511...DC

ML4569..DC

ML15C..DC

Steel Braid TrΔle® GOLD - HighPressure ▪ Malla metálica TrΔle® GOLD - HighPressure ▪ Metallwendel TrΔle® GOLD - HighPressure ▪ Tresse métallique TrΔle® GOLD - HighPressure

13



MS1SNK

MS2SNK

TrΔle® GOLD - FlexyLine ▪ TrΔle® GOLD - FlexyLine ▪ TrΔle® GOLD - FlexyLine ▪ TrΔle® GOLD - FlexyLine

13



MFLEX30

TrΔle® GOLD - Smooth Cover ▪ TrΔle® GOLD - Smooth Cover ▪ TrΔle® GOLD - Smooth Cover ▪ TrΔle® GOLD - Smooth Cover

13



MSS

## HYDRAULIC HOSES TRΔle®

Mangueras hidráulicas TrΔle®

Hydraulikschläuche TrΔle®

Tuyaux hydrauliques TrΔle®

TrΔle® Textile braid ▪ Malla textil TrΔle® ▪ Textilwendel TrΔle® ▪ Tresse textile TrΔle®

16



MSB21

ML7010

MB22

M2503

MB23

TrΔle® steel braid ▪ Malla metálica TrΔle® ▪ Metallwendel TrΔle® ▪ Tresse métallique TrΔle®

17



MS2230

MS3509

MS3511

M15C

M25C

ML3601

MS4290

M4612

MS4569



M4713

MS4815

TrΔle® Hydrowashing hose for hot water ▪ Agua caliente TrΔle® ▪ Waschgeräteschläuche Heißwasser TrΔle® ▪  
Tuyau lavage haute pression-TrΔle®

19



MSC011...N

MSC021...N

MSC011...A

MSC021...A

MSC022...A

MSCL021...A

MSC020...G

**HYDRAULIC HOSES GREENLINE**

Mangueras hidráulicas GreenLine

Hydraulikschläuche GreenLine

Tuyaux hydrauliques GreenLine

Steel braid GreenLine ▪ Malla metálica GreenLine ▪ Metallwendel GreenLine ▪ Tresse métallique GreenLine

21



MW2230

MW25C

MW3511

MWC021...A

MW4290

MW4569

## THERMOPLASTIC HOSES TRΔle®

Mangueras termoplásticas TrΔle®

Thermopl. Schläuche TrΔle®

Tuyaux thermoplastiques TrΔle®

TrΔle® textile braid ▪ Malla textil TrΔle® ▪ Textilwendel TrΔle® ▪ Tresse textile TrΔle®

22



MT070

MT270

MT071

MT080

MT280

MT081

MT010

MP1890

TrΔle® steel braid ▪ Malla metálica TrΔle® ▪ Metallwendel TrΔle® ▪ Tresse métallique TrΔle®

23



MT090

MT290

MT099

MT299

MT096

MT700

MT095

Sewer jetting hose TrΔle® ▪ Limpieza de alcantarillas TrΔle® ▪ Rohrreinigungsschlauch TrΔle® ▪ Tuyau hydrocu-  
rage TrΔle®

24



MEC200

MEC250

Z21200

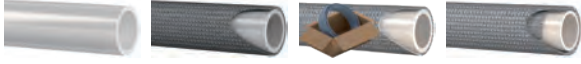
**PTFE HOSES TRΔLE®**

Mangueras PTFE TrΔle®

PTFE-Schläuche TrΔle®

Tuyaux PTFE TrΔle®

Smooth PTFE ▪ PTFE liso ▪ PTFE-Glattschlauch ▪ PTFE lisse | 25



M2950

M2900

M2900

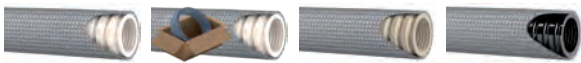
M29012

Brake hoses ▪ Mangueras Freno ▪ Bremsschläuche ▪ Tuyau de frein | 25



M29620

Convuluted PTFE ▪ PTFE corrugado ▪ PTFE-Wellschlauch ▪ PTFE convoluté | 26



M2920

M2920

M2980

M2930

PTFLEX Smooth PTFE ▪ PTFE Liso PTFLEX ▪ PTFLEX Glattes Gewelltes PTFE ▪ PTFE Lisse PTFLEX | 26



M2940

# HYDRAULIC HOSES PTFE GREENLINE

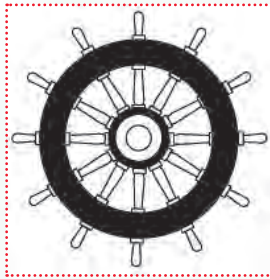
Mangueras PTFE GreenLine  
Hydraulikschläuche PTFE GreenLine  
Tuyaux hydrauliques PTFE GreenLine

Smooth PTFE ▪ PTFE liso ▪ PTFE glätten ▪ PTFE lisse

| 27



MW29



Mangueras/Hoses:

# TrAle®

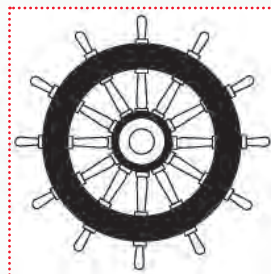
Mangueras/Hoses:

## SEMPERIT



### CONEXIONES FABRICADAS POR FITTINGS MANUFACTURED BY

# DICSA



## HYDRAULIC HOSES TRΔle® GOLD

Mangueras hidráulicas TrΔle® GOLD

Hydraulikschläuche TrΔle® GOLD

Tuyaux hydrauliques TrΔle® GOLD

### EN 853 1SN / SAE 100 R1AT hose TrΔle® Gold - RockCover

Manguera TrΔle® Gold EN 853 1SN / SAE 100 R1AT - RockCover

Schlauch EN 853 1SN / SAE 100 R1AT TrΔle® Gold - RockCover

Tuyau TrΔle® Gold EN 853 1SN / SAE 100 R1AT - RockCover



DN	Part n° Referencia	€
1/4"	ML223004RC	9,52
5/16"	ML223005RC	11,51
3/8"	ML223006RC	12,09
1/2"	ML223008RC	14,66
5/8"	ML223010RC	16,43
3/4"	ML223012RC	24,06
1"	ML223016RC	31,16
1"1/4"	ML223020RC	40,93
1"1/2"	ML223024RC	53,45
2"	ML223032RC	71,88

### EN 857 2SC hose TrΔle® Gold - RockCover

Manguera TrΔle® Gold EN 857 2SC - RockCover

Schlauch EN 857 2SC TrΔle® Gold - RockCover

Tuyau TrΔle® Gold EN 857 2SC - RockCover



DN	Part n° Referencia	€
1/4"	ML25C04RC	12,37
3/8"	ML25C06RC	14,48
1/2"	ML25C08RC	17,14
5/8"	ML25C10RC	26,66
3/4"	ML25C12RC	23,27
1"	ML25C16RC	33,71

### EN 856 4SP hose TrΔle® Gold - RockCover

Manguera TrΔle® Gold EN 856 4SP - RockCover

Schlauch EN 856 4SP TrΔle® Gold - RockCover

Tuyau TrΔle® Gold EN 856 4SP - RockCover



DN	Part n° Referencia	€
3/8"	ML429006RC	37,42
1/2"	ML429008RC	40,32
5/8"	ML429010RC	51,31
3/4"	ML429012RC	49,81
1"	ML429016RC	60,21

### EN 853 2SN / SAE 100 R2AT hose TrΔle® Gold - RockCover

Manguera TrΔle® Gold EN 853 2SN / SAE 100 R2AT - RockCover

Schlauch EN 853 2SN / SAE 100 R2AT TrΔle® Gold - RockCover

Tuyau TrΔle® Gold EN 853 2SN / SAE 100 R2AT - RockCover



DN	Part n° Referencia	€
1/4"	ML351104RC	12,78
5/16"	ML351105RC	14,35
3/8"	ML351106RC	15,09
1/2"	ML351108RC	17,61
5/8"	ML351110RC	22,70
3/4"	ML351112RC	23,65
1"	ML351116RC	34,33
1"1/4"	ML351120RC	55,98
1"1/2"	ML351124RC	76,85
2"	ML351132RC	86,63

### Hot water black superservice 2 braids 400bar TrΔle® Gold - RockCover

Superservicio agua caliente 2 mallas negra 400bar TrΔle® Gold - RockCover

Heißwasserschlauch Superservice 2 Lagen schwarz 400 bar TrΔle® Gold - RockCover

Superservice eau chaude 2 tresses noir 400bar TrΔle® Gold - RockCover



DN	Part n° Referencia	€
5/16"	MLC0215NRC	12,57
3/8"	MLC0216NRC	14,35

### EN 856 4SH hose TrΔle® Gold - RockCover

Manguera TrΔle® Gold EN 856 4SH - RockCover

Schlauch EN 856 4SH TrΔle® Gold - RockCover

Tuyau TrΔle® Gold EN 856 4SH - RockCover



DN	Part n° Referencia	€
3/4"	ML456912RC	62,46
1"	ML456916RC	75,46
1"1/4"	ML456920RC	102,15
1"1/2"	ML456924RC	127,25
2"	ML456932RC	209,75

**TrΔle® GOLD RockCover**  
**RESISTENCIA EXTREMA**  
**EXTREME RESISTANCE**



## HYDRAULIC HOSES TRΔle® GOLD

Mangueras hidráulicas TrΔle® GOLD

Hydraulikschläuche TrΔle® GOLD

Tuyaux hydrauliques TrΔle® GOLD

### EN 853 2SN / SAE 100 R2AT hose TrΔle® Gold - DiamondCover

Manguera TrΔle® Gold EN 853 2SN / SAE 100 R2AT - DiamondCover

Schlauch EN 853 2SN / SAE 100 R2AT TrΔle® Gold - DiamondCover

Tuyau TrΔle® Gold EN 853 2SN / SAE 100 R2AT - DiamondCover



DN	Part n° Referencia	€
1/4"	ML351104DC	10,66
3/8"	ML351106DC	14,03
1/2"	ML351108DC	16,91

### EN 857 1SC hose TrΔle® Gold - DiamondCover

Manguera TrΔle® Gold EN 857 1SC - DiamondCover

Schlauch EN 857 1SC TrΔle® Gold - DiamondCover

Tuyau TrΔle® Gold EN 857 1SC - DiamondCover



DN	Part n° Referencia	€
1/4"	ML1SC04DC	14,25
3/8"	ML1SC06DC	19,07
1/2"	ML1SC08DC	20,98

NEW

### EN 856 4SH hose TrΔle® Gold - DiamondCover

Manguera TrΔle® Gold EN 856 4SH - DiamondCover

Schlauch EN 856 4SH TrΔle® Gold - DiamondCover

Tuyau TrΔle® Gold EN 856 4SH - DiamondCover

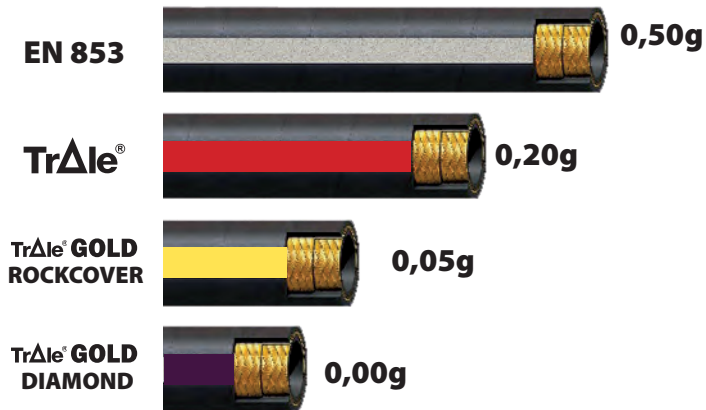


DN	Part n° Referencia	€
3/4"	ML456912DC	53,73
1"	ML456916DC	71,22

### RESISTENCIA A LA ABRASIÓN (ISO 6495)

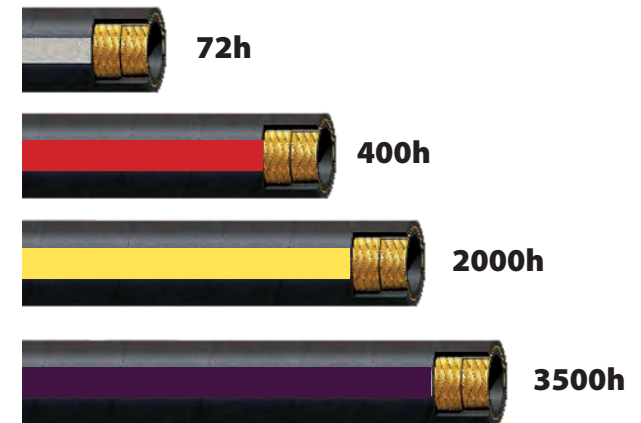
#### ABRASION RESISTANCE

25N / 2000 cycles



### RESISTENCIA AL OZONO (ISO 7326)

#### OZONO RESISTANCE



# CUBIERTA UHMPE COVER

TODOS NUESTROS MODELOS DE ROCKCOVER EN  
ALL OUR ROCKCOVER RANGE AVAILABLE WITH

# DIAMOND COVER

## HYDRAULIC HOSES TRΔLE® GOLD

Mangueras hidráulicas TrΔle® GOLD

Hydraulikschläuche TrΔle® GOLD

Tuyaux hydrauliques TrΔle® GOLD

### EN857 1SNK hose TrΔle® Gold - HighPressure

Manguera TrΔle® Gold EN857 1SNK - HighPressure

Schlauch EN857 1SNK TrΔle® Gold - HighPressure

Tuyau TrΔle® Gold EN857 1SNK - HighPressure



DN	Part n° Referencia	€
1/4"	MS1SNK04	*
5/16"	MS1SNK05	*
3/8"	MS1SNK06	*
1/2"	MS1SNK08	*
5/8"	MS1SNK10	*
3/4"	MS1SNK12	*
1"	MS1SNK16	*

### EN857 2SNK hose TrΔle® Gold - HighPressure

Manguera TrΔle® Gold EN857 2SNK - HighPressure

Schlauch EN857 2SNK TrΔle® Gold - HighPressure

Tuyau TrΔle® Gold EN857 2SNK - HighPressure



DN	Part n° Referencia	€
1/4"	MS2SNK04	12,77
5/16"	MS2SNK05	14,83
3/8"	MS2SNK06	14,32
1/2"	MS2SNK08	16,99
5/8"	MS2SNK10	23,83
3/4"	MS2SNK12	27,79
1"	MS2SNK16	46,85

### SAE 100 R17

SAE 100 R17

SAE 100 R17

SAE 100 R17

NEW



DN	Part n° Referencia	€
1/4"	MFLEX3004	*
5/16"	MFLEX3005	*
3/8"	MFLEX3006	*
1/2"	MFLEX3008	*
5/8"	MFLEX3010	*
3/4"	MFLEX3012	*
1"	MFLEX3016	*

### Hot water blue 2 braids TrΔle® Gold Smooth Cover

Agua caliente 2 mallas azul TrΔle® Gold Smooth Cover

Heißwasserschlauch 2 Lagen blau TrΔle® Gold Smooth Cover

Eau chaude 2 tresses bleu TrΔle® Gold Smooth Cover

NEW



DN	Part n° Referencia	€
1/4"	MSS0214A	11,88
5/16"	MSS0215A	12,99
3/8"	MSS0216A	13,66
1/2"	MSS0218A	18,19

## TRΔLE® GOLD SMOOTH

NEW

2 MALLAS 1/4"-1/2"

Cubierta lisa que facilita su limpieza

- ✓ Más presión
- ✓ Más limpieza
- ✓ Más flexible
- ✓ Más resistencia (abrasion & ozono)



2 BRAIDS 1/4"-1/2"

Smooth cover for easy cleaning

- ✓ More pressure
- ✓ More cleaning
- ✓ More flexible
- ✓ More resistance (abrasion and ozone)

\*Consultar / On request / Sur demande / Su richiesta

**DICSA**

# TrAde<sup>®</sup> GOLD

**RockCover**



RESISTENCIA ABRASIÓN  
ABRASION RESISTANCE



**FlexyLine**



**FlexyLine**

ALTA FLEXIBILIDAD  
HIGH FLEXIBILITY



**HighPressure**



PRESIÓN +++  
+++ PRESSURE



APLICACIONES FERROVIARIAS  
RAILWAY

**RailLine**



**ALTA TEMPERATURA  
HIGH TEMPERATURE  
135°C**



**LIMPIEZA ALTA PRESIÓN  
WATERBLAST**

**ALTÍSIMA PRESION  
ULTRA HIGH PRESSURE  
JACK**



**HYDRAULIC HOSES TrΔle®**

Mangueras hidráulicas TrΔle®

Hydraulikschläuche TrΔle®

Tuyaux hydrauliques TrΔle®

**EN 854 1TE / SAE 100 R6 Hose**

Manguera EN 854 1TE / SAE 100 R6

Schlauch EN 854 1TE / SAE 100 R6

Tuyau EN 854 1TE / SAE 100 R6



DN	Part n° Referencia	€
1/4"	MSB2104	5,74
5/16"	MSB2105	7,09
3/8"	MSB2106	7,89
1/2"	MSB2108	9,23
5/8"	MSB2110	11,02
3/4"	MSB2112	13,58
1"	MSB2116	19,22

**SAE 100 R4 Hose**

Manguera SAE 100 R4

Schlauch SAE 100 R4

Tuyau SAE 100 R4



DN	Part n° Referencia	€
3/4"	ML701019	17,19
1"	ML701025	24,37
1"1/4	ML701032	31,26
1"1/2	ML701038	34,97
2"	ML701050	55,09
2"1/2	ML701063	60,92

**EN 854 2TE Hose**

Manguera EN 854 2TE

Schlauch EN 854 2TE

Tuyau EN 854 2TE



DN	Part n° Referencia	€
1/4"	MB2204	7,54
5/16"	MB2205	9,05
3/8"	MB2206	9,70
1/2"	MB2208	11,31
5/8"	MB2210	13,57
3/4"	MB2212	16,05
1"	MB2216	21,00

**SAE 100 R5 Hose**

Manguera SAE 100 R5

Schlauch SAE 100 R5

Tuyau SAE 100 R5



DN	Part n° Referencia	€
3/16"	M250304	6,35
1/4"	M250305	6,35
5/16"	M250306	8,34
13/32"	M250308	8,96
1/2"	M250310	11,55
5/8"	M250312	14,66
7/8"	M250316	29,54
1"1/8	M250320	35,71
1"3/8	M250324	36,19
1"13/16	M250332	41,17

**EN 854 3TE Hose**

Manguera EN 854 3TE

Schlauch EN 854 3TE

Tuyau EN 854 3TE



DN	Part n° Referencia	€
1/4"	MB2304	9,33
5/16"	MB2305	9,75
3/8"	MB2306	10,38
1/2"	MB2308	11,86
5/8"	MB2310	14,41
3/4"	MB2312	16,95
1"	MB2316	22,25

**HYDRAULIC HOSES TRΔLE®**

Mangueras hidráulicas TrΔle®

Hydraulikschläuche TrΔle®

Tuyaux hydrauliques TrΔle®

**EN 853 1SN / SAE 100 R1AT Hose**

Manguera EN 853 1SN / SAE 100 R1AT

Schlauch EN 853 1SN / SAE 100 R1AT

Tuyau EN 853 1SN / SAE 100 R1AT



DN	Part n° Referencia	€
3/16"	MS223003	6,96
1/4"	MS223004	5,86
5/16"	MS223005	8,37
3/8"	MS223006	9,19
1/2"	MS223008	11,20
5/8"	MS223010	12,44
3/4"	MS223012	15,97
1"	MS223016	22,96
1"1/4	MS223020	31,57
1"1/2	MS223024	36,01
2"	MS223032	46,55

**EN 853 2ST / SAE 100 R2A Hose**

Manguera EN 853 2ST / SAE 100 R2A

Schlauch EN 853 2ST / SAE 100 R2A

Tuyau EN 853 2ST / SAE 100 R2A



DN	Part n° Referencia	€
1/4"	MS350904	8,69
5/16"	MS350905	11,43
3/8"	MS350906	12,73
1/2"	MS350908	16,08
5/8"	MS350910	19,99
3/4"	MS350912	24,02
1"	MS350916	31,90
1" 1/4	MS350920	41,63
1" 1/2	MS350924	49,20
2"	MS350932	66,22

**EN 853 2SN / SAE 100 R2AT Hose**

Manguera EN 853 2SN / SAE 100 R2AT

Schlauch EN 853 2SN / SAE 100 R2AT

Tuyau EN 853 2SN / SAE 100 R2AT



DN	Part n° Referencia	€
3/16"	MS351103	8,81
1/4"	MS351104	8,18
5/16"	MS351105	10,15
3/8"	MS351106	11,21
1/2"	MS351108	13,44
5/8"	MS351110	15,89
3/4"	MS351112	19,66
1"	MS351116	28,34
1"1/4	MS351120	42,57
1"1/2	MS351124	47,04
2"	MS351132	56,71
2" 1/2	MS351140	71,18
3"	MS351148	85,07

**EN 857 1SC Hose**

Manguera EN 857 1SC

Schlauch EN 857 1SC

Tuyau EN 857 1SC



DN	Part n° Referencia	€
1/4"	M1SC04	6,65
5/16"	M1SC05	7,28
3/8"	M1SC06	9,08
1/2"	M1SC08	10,64
5/8"	M1SC10	11,75
3/4"	M1SC12	14,79
1"	M1SC16	19,21

**EN 857 2SC Hose**

Manguera EN 857 2SC

Schlauch EN 857 2SC

Tuyau EN 857 2SC



DN	Part n° Referencia	€
1/4"	M2SC04	7,83
5/16"	M2SC05	9,89
3/8"	M2SC06	12,23
1/2"	M2SC08	13,93
5/8"	M2SC10	14,93
3/4"	M2SC12	17,57
1"	M2SC16	30,70

**3SP Braids hoses**

Manguera hidráulica 3SP

3SP-Lagen-Schläuche

Tuyau 3SP



DN	Part n° Referencia	€
3/8"	MS36010600	22,03
1/2"	MS36010800	29,11
5/8"	MS36011000	34,16
3/4"	MS36011200	40,60
1"	MS36011600	54,37



**2SC  
BITUBO  
TWIN**

Consultar | On Request

**HYDRAULIC HOSES TRΔLE®**

Mangueras hidráulicas TrΔle®

Hydraulikschläuche TrΔle®

Tuyaux hydrauliques TrΔle®

**EN 856 4SP / SAE 100 R9R-R10 Hose**

Manguera EN 856 4SP / SAE 100 R9R-R10

Schlauch EN 856 4SP / SAE 100 R9R-R10

Tuyau EN 856 4SP / SAE 100 R9R-R10



DN	Part n° Referencia	€
1/4"	MS429004	30,45
3/8"	MS429006	29,89
1/2"	MS429008	33,12
5/8"	MS429010	40,96
3/4"	MS429012	44,26
1"	MS429016	55,68
1"1/4	MS424820	78,05
1"1/2	MS424824	91,82
2"	MS424832	106,69

**EN 856 R12 / SAE 100 R12 Hose**

Manguera EN 856 R12 / SAE 100 R12

Schlauch EN 856 R12 / SAE 100 R12

Tuyau EN 856 R12 / SAE 100 R12



DN	Part n° Referencia	€
3/8"	M461206	30,84
1/2"	M461208	31,42
5/8"	M461210	36,31
3/4"	M461212	42,04
1"	M461216	56,17
1"1/4	M461220	73,32
1"1/2	M461224	87,97

**EN 856 4SH Hose**

Manguera EN 856 4SH

Schlauch EN 856 4SH

Tuyau EN 856 4SH



DN	Part n° Referencia	€
3/4"	MS456912	45,21
1"	MS456916	61,08
1"1/4	MS456920	83,55
1"1/2	MS456924	105,11
2"	MS456932	114,85

**EN 856 R13 / SAE 100 R13 Hose**

Manguera EN 856 R13 / SAE 100 R13

Schlauch EN 856 R13 / SAE 100 R13

Tuyau EN 856 R13 / SAE 100 R13



DN	Part n° Referencia	€
3/4"	M471312	47,50
1"	M471316	58,67
1"1/4	M471320	105,07
1"1/2	M471324	125,38
2"	M471332	177,92

**SAE 100 R15 Hose**

Manguera SAE 100 R15

Schlauch SAE 100 R15

Tuyau SAE 100 R15



DN	Part n° Referencia	€
3/4"	MS481512	55,06
1"	MS481516	59,86
1"1/4	MS481520	123,90
1"1/2	MS481524	143,72
2"	MS481532	192,28

**MANGUERA TRΔLE®****4 Y 6 MALLAS****ALTA FLEXIBILIDAD  
EN MONTAJE**

ASSEMBLY

**HIGH FLEXIBILITY****TRΔLE® HOSES  
4 & 6 BRAIDS**

# HYDRAULIC HOSES TRΔLE®

Mangueras hidráulicas TrΔle®

Hydraulikschläuche TrΔle®

Tuyaux hydrauliques TrΔle®

## Hot water superservice 1SC black

Superservicio agua caliente 1SC negra

Heißwasserschlauch Superservice 1SC schwarz

Superservice eau chaude 1SC noir



DN	Part n° Referencia	€
1/4"	MSC0114N	7,60
5/16"	MSC0115N	9,04
3/8"	MSC0116N	10,12
1/2"	MSC0118N*	12,99

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

## Hot water superservice 2SC black

Superservicio agua caliente 2SC negra

Heißwasserschlauch Superservice 2SC schwarz

Superservice eau chaude 2SC noir



DN	Part n° Referencia	€
1/4"	MSC0214N	8,81
5/16"	MSC0215N	11,43
3/8"	MSC0216N	13,05

## Hot water superservice 1SC blue

Superservicio agua caliente 1SC azul

Heißwasserschlauch Superservice 1SC blau

Superservice eau chaude 1SC bleu



DN	Part n° Referencia	€
1/4"	MSC0114A	7,96
5/16"	MSC0115A	9,50
3/8"	MSC0116A	10,63
1/2"	MSC0118A	13,63

## Hot water superservice 2SC blue

Superservicio agua caliente 2SC azul

Heißwasserschlauch Superservice 2SC blau

Superservice eau chaude 2SC bleu



DN	Part n° Referencia	€
1/4"	MSC0214A	8,94
5/16"	MSC0215A	13,49
3/8"	MSC0216A	15,90
1/2"	MSC0218A	17,50

## Hot water superservice 2ST blue

Superservicio agua caliente 2ST azul

Heißwasserschlauch Superservice 2ST blau

Superservice eau chaude 2ST bleu



DN	Part n° Referencia	€
5/16"	MSC0225A	12,23
3/8"	MSC0226A	13,65

## Hot water superservice 2SC blue with SMOOTH surface

Superservicio agua caliente 2SC azul LISA

Heißwasser Extra Glatt Superservice 2Sc Blau

Superservice eau chaude 2SC bleu à surface LISSE



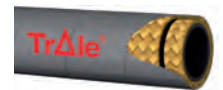
DN	Part n° Referencia	€
5/16"	MSCL0215A	11,48
3/8"	MSCL0216A	12,76

## Hot water superservice 2SC grey

Superservicio agua caliente 2SC gris

Heißwasserschlauch Superservice 2SC grau

Superservice eau chaude 2SC gris

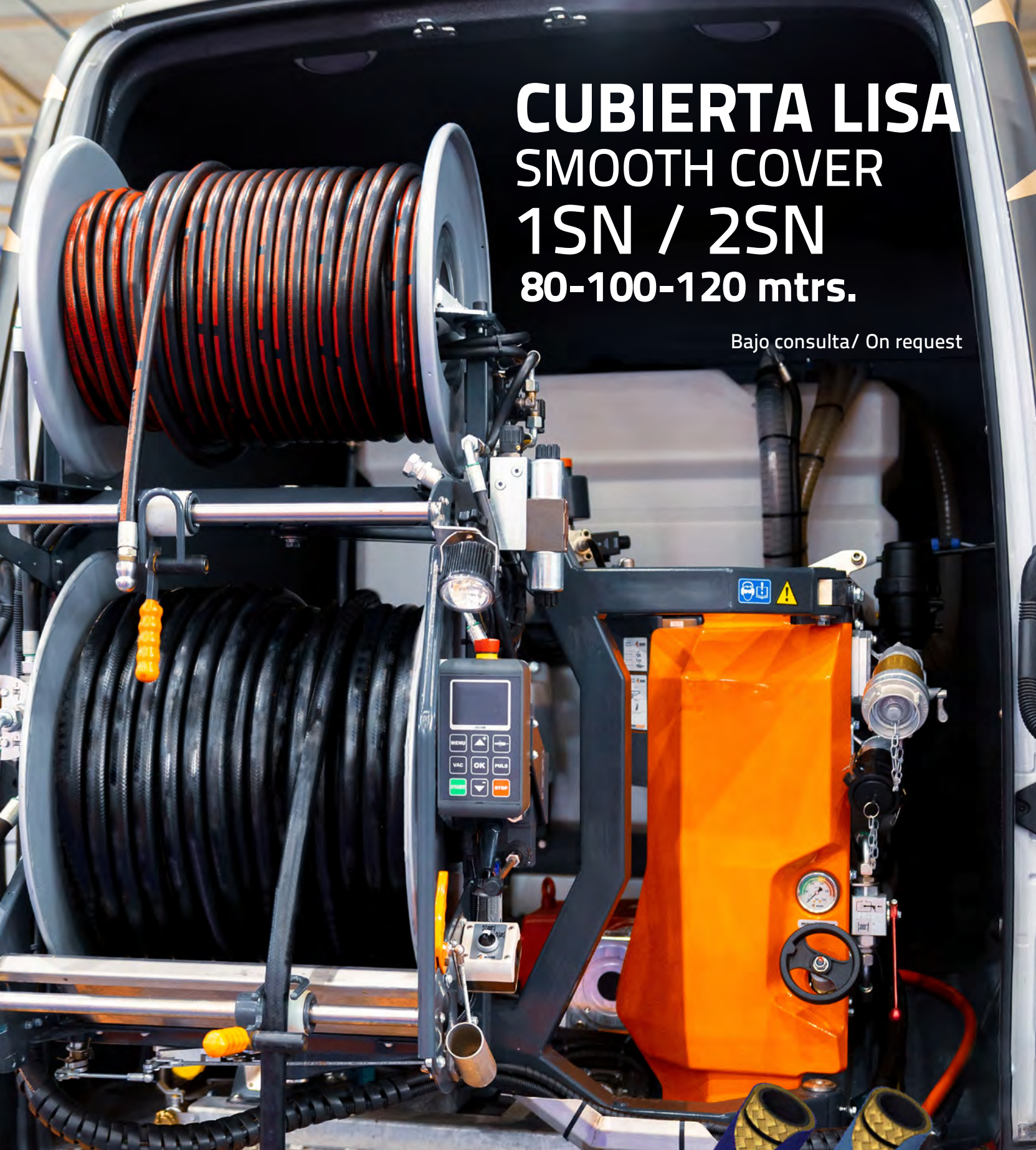


DN	Part n° Referencia	€
5/16"	MSC0205G	11,92
3/8"	MSC0206G	13,70



# CUBIERTA LISA SMOOTH COVER 1SN / 2SN 80-100-120 mtrs.

Bajo consulta/ On request



⊕ CUBIERTA LISA  
SMOOTH COVER  
TRALE® GOLD | TRALE®



# HYDRAULIC HOSES GREENLINE

Mangueras hidráulicas GreenLine  
Hydraulikschläuche GreenLine  
Tuyaux hydrauliques GreenLine

## EN 853 1SN / SAE 100 R1AT Hose

Manguera EN 853 1SN / SAE 100 R1AT

Schlauch EN 853 1SN / SAE 100 R1AT

Tuyau EN 853 1SN / SAE 100 R1AT



DN	Part n° Referencia	€
1/4"	MW223004	5,75
5/16"	MW223005	7,13
3/8"	MW223006	7,90
1/2"	MW223008	9,24
5/8"	MW223010	11,03
3/4"	MW223012	13,60
1"	MW223016	19,23
1"1/4	MW223020	28,10
1"1/2	MW223024	32,69

## EN 857 2SC Hose

Manguera EN 857 2SC

Schlauch EN 857 2SC

Tuyau EN 857 2SC



DN	Part n° Referencia	€
1/4"	MW2SC04	7,47
5/16"	MW2SC05	8,64
3/8"	MW2SC06	10,59
1/2"	MW2SC08	11,53

## EN 853 2SN / SAE 100 R2AT Hose

Manguera EN 853 2SN / SAE 100 R2AT

Schlauch EN 853 2SN / SAE 100 R2AT

Tuyau EN 853 2SN / SAE 100 R2AT



DN	Part n° Referencia	€
1/4"	MW351104	7,53
5/16"	MW351105	9,12
3/8"	MW351106	10,13
1/2"	MW351108	11,78
5/8"	MW351110	14,18
3/4"	MW351112	17,93
1"	MW351116	24,11
1"1/4	MW351120	35,50
1"1/2	MW351124	41,68

## Hot water superservice 2SC blue

Superservicio agua caliente 2SC azul

Heißwasserschlauch Superservice 2SC blau

Superservice eau chaude 2SC bleu



DN	Part n° Referencia	€
5/16"	MWC0215A	10,04
3/8"	MWC0216A	11,15

## EN 856 4SP / SAE 100 R9R-R10 Hose

Manguera EN 856 4SP / SAE 100 R9R-R10

Schlauch EN 856 4SP / SAE 100 R9R-R10

Tuyau EN 856 4SP / SAE 100 R9R-R10



DN	Part n° Referencia	€
3/8"	MW429006	25,05
1/2"	MW429008	27,56
5/8"	MW429010	33,22

## EN 856 4SH Hose

Manguera EN 856 4SH

Schlauch EN 856 4SH

Tuyau EN 856 4SH



DN	Part n° Referencia	€
3/4"	MW456912	37,87
1"	MW456916	48,39
1"1/4	MW456920	64,50

# THERMOPLASTIC HOSES TRΔLE®

Mangueras termoplásticas TrΔle®

Thermopl. Schläuche TrΔle®

Tuyaux thermoplastiques TrΔle®

## SAE 100 R7

SAE 100 R7

SAE 100 R7

SAE 100 R7



DN	Part n° Referencia	€
1/8"	MT07002	6,65
3/16"	MT07003	7,18
1/4"	MT07004	8,74
5/16"	MT07005	12,43
3/8"	MT07006	12,00
1/2"	MT07008	17,27
5/8"	MT07010	28,43
3/4"	MT07012	32,18
1"	MT07016	48,46

## SAE 100 R7 Twin

SAE 100 R7 Bitubo

SAE 100 R7 Zwillingschlauch

SAE 100 R7 Jumelé



DN	Part n° Referencia	€
3/16"	MT27003	16,59
1/4"	MT27004	19,87
5/16"	MT27005	27,13
3/8"	MT27006	29,04
1/2"	MT27008	40,89

## SAE 100 R7 non-conductive

SAE 100 R7 no conductiva

SAE 100 R7 nichtleitend

SAE 100 R7 non-conducteur



DN	Part n° Referencia	€
3/16"	MT07103	7,34
1/4"	MT07104	9,02
5/16"	MT07105	12,76
3/8"	MT07106	13,99
1/2"	MT07108	20,02
5/8"	MT07110	29,43
3/4"	MT07112	33,17
1"	MT07116	49,99

## SAE 100 R8

SAE 100 R8

SAE 100 R8

SAE 100 R8



DN	Part n° Referencia	€
3/16"	MT08003	14,29
1/4"	MT08004	23,92
5/16"	MT08005	26,22
3/8"	MT08006	34,40
1/2"	MT08008	45,55
5/8"	MT08010	59,08
3/4"	MT08012	75,59
1"	MT08016	108,61

## SAE 100 R8 Twin

SAE 100 R8 Bitubo

SAE 100 R8 Zwillingschlauch

SAE 100 R8 Jumelé



DN	Part n° Referencia	€
1/4"	MT28004	50,14
5/16"	MT28005	54,73
3/8"	MT28006	71,01
1/2"	MT28008	93,40

## SAE 100 R8 non-conductive

SAE 100 R8 no conductiva

SAE 100 R8 nichtleitend

SAE 100 R8 non-conducteur



DN	Part n° Referencia	€
1/4"	MT08104	24,54
5/16"	MT08105	27,06
3/8"	MT08106	35,31
1/2"	MT08108	46,85
5/8"	MT08110	60,84
3/4"	MT08112	77,81
1"	MT08116	111,90

## Micro- Hose

Micro- Hose

Mess-Schlauch

Micro- Hose



Ø INNER Ø INT.	Part n° Referencia	€
2	MT01002	5,11

# THERMOPLASTIC HOSES TRΔLE®

Mangueras termoplásticas TrΔle®

Thermopl. Schläuche TrΔle®

Tuyaux thermoplastiques TrΔle®

## Thermoplastic Push-on

Termoplásticas Push-on

Thermopl. Schläuche für Push-On

Thermoplastique Push-on



DN	Part n° Referencia	€
1/4"	MP189004	9,40
3/8"	MP189006	12,76
1/2"	MP189008	20,71
5/8"	MP189010	27,67
3/4"	MP189012	33,48

Consultar casquillos PUSH ON en pág.XXXX / Consultar conexiones PUSH ON en pág.XXXX / Consultar casquillos PUSH ON en pág.XXXX

## Steel braid thermoplastic elastomer

Elastómero malla metálica

Thermopl. Schlauch mit Metallwendel

Elastomère 1 tresse métallique



DN	Part n° Referencia	€
3/16"	MT09003	10,85
1/4"	MT09004	12,38
5/16"	MT09005	13,68
3/8"	MT09006	16,13
1/2"	MT09008	20,41
5/8"	MT09010	27,06
3/4"	MT09012	30,50
1"	MT09016	42,96

## Steel braid twin thermoplastic elastomer

Elastómero malla metálica bitubo

Thermopl. Farbspritz-Zwillingsschlauch

Elastomère 1 tresse métallique jumelé



DN	Part n° Referencia	€
3/16"	MT29003	23,77
1/4"	MT29004	26,98
5/16"	MT29005	30,27
3/8"	MT29006	34,40
1/2"	MT29008	42,96

## Steel braid thermoplastic elastomer for paint

Elastómero malla metálica pintura

Thermopl. Farbspritzschlauch

Elastomère 1 tresse métallique peinture



DN	Part n° Referencia	€
3/16"	MT099003	11,08
1/4"	MT099004	12,84
3/8"	MT099006	16,59
1/2"	MT099008	21,02
3/4"	MT099012	31,34

## Double steel braid thermoplastic elastomer for paint

Elastómero doble malla metálica pintura

Thermopl. Farbspritzschlauch zweilagig

Elastomère 2 tresses métalliques peinture



DN	Part n° Referencia	€
1/4"	MT299004	21,32
3/8"	MT299006	31,11
1/2"	MT299008	36,00

## Steel braid elastomer for chemical products

Termoplástica malla metálica para productos químicos

Thermopl. Schläuche mit Metallwendel für chem. Produkte

Elastomère tresse métallique pour produits chimiques



DN	Part n° Referencia	€
1/4"	MT096004	23,39
3/8"	MT096006	34,24
1/2"	MT096008	39,44
5/8"	MT096010	56,41
3/4"	MT096012	63,97
1"	MT096016	83,16

## Thermoplastic hose 700 bar

Manguera termoplástica 700 bar

Thermopl. Schläuche 700 bar

Tuyau thermoplastique haute pression 700 bar



DN	Part n° Referencia	€
1/4"	MT70004	33,17
3/8"	MT70006	78,11

## Isobaric low temperature

Isobárica baja temperatura

Isobarischer Niedrigtemperatur-Schlauch

Isobarique basse température



DN	Part n° Referencia	€
1/4"	MT095004	20,94
3/8"	MT095006	44,56
1/2"	MT095008	58,93

## THERMOPLASTIC HOSES TRΔLE®

Mangueras termoplásticas TrΔle®

Thermopl. Schläuche TrΔle®

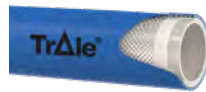
Tuyaux thermoplastiques TrΔle®

### Ecology 200

Ecology 200

ECOLOGY 200

Ecology 200



DN	LENGTH (m) LONGITUD (m)		Part n° Referencia	€
3/4"	80	NEW	MEC2001280	39,30
3/4"	120		MEC20012	37,53
3/4"	160	NEW	MEC20012160	37,52
1"	80	NEW	MEC2001680	50,80
1"	120		MEC20016	48,46
1"	160	NEW	MEC20016160	48,45

### Ferrules for Ecology hose

Casquillos para manguera Ecology

Pressfassungen für Schlauchtyp ECOLOGY

Jupes pour tuyau Ecology



DN	Part n° Referencia	€
3/4"	Z212001200	*
1"	Z212001600	*
1"1/4	Z212002000	*

Stainless steel AISI 316-L. Prices in Stainless Steel Catalogue p.22 / Acero inoxidable AISI 316-L. Ver precios en Catalogo Inox p.24 / Vergleichen Sie die Preise im Edelstahl-Katalog, S. 24 / Acier inoxydable AISI 316-L. Prix dans le Catalogue Acier Inox p.22

### Ecology 250

Ecology 250

ECOLOGY 250

Ecology 250



DN	LENGTH (m) LONGITUD (m)		Part n° Referencia	€
3/4"	80	NEW	MEC2501280	50,44
3/4"	120		MEC25012	48,07
3/4"	160	NEW	MEC25012160	48,07
1"	80	NEW	MEC2501680	88,59
1"	120		MEC25016	84,38
1"	160	NEW	MEC25016160	84,38
1" 1/4	80	NEW	MEC2502080	139,76
1" 1/4	120	NEW	MEC25020	133,14
1" 1/4	160	NEW	MEC25020160	133,14

## PTFE HOSES TRΔLE®

Mangueras PTFE TrΔle®

PTFE-Schläuche TrΔle®

Tuyaux PTFE TrΔle®

### PTFE without braid

PTFE sin malla

PTFE-Schlauch ohne Geflecht

PTFE sans tresse



PIPE TUBO	LENGTH (m) LONGITUD (m)	Part n° Referencia	€
2x4 mm	25	M2950204	111,45
4x6 mm	25	M2950406	163,72
6x8 mm	25	M2950608	236,83
2x4 mm	100	M2950204-100	460,99
4x6 mm	100	M2950406-100	679,56
6x8 mm	100	M2950608-100	947,30

€/roll / €/rollo / € / rolle / € / rouleau

### FHL (light) / Smooth PTFE SAE100 R14

PTFE Liso 1 malla SAE100 R14

PTFE-Glattschlauch 1 Geflecht SAE100 R14

FHL (série légère) SAE100 R14



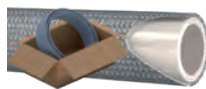
DN	Part n° Referencia	€
1/8"	M290003	13,96
3/16"	M290005	14,92
1/4"	M290006	14,78
5/16"	M290008	19,90
3/8"	M290009	19,90
1/2"	M290013	27,32
5/8"	M290016	39,57
3/4"	M290020	49,00
1"	M290025	79,37

### FHL (light) / Smooth PTFE SAE100 R14- BOXES

PTFE liso 1 malla SAE100 R14 - CAJAS

PTFE-Glattschlauch 1 Umfl. SAE100 R14 in Karton

FHL (série légère) SAE100 R14 à BOÎTES



DN	Pack aprox (m)	Part n° Referencia	€
1/4"	75*	M290006075	15,65
5/16"	75*	M290008075	19,55
3/8"	50	M290009050	19,85
1/2"	40	M290013040	27,23

Approximate length information (+/- 5m tolerance) \*Box includes 1 or 2 rolls (min. 25m) DN 1/4" & 5/16" / Información de longitud rollo aproximada (+/- 5m de tolerancia) \*Caja con 1 o 2 rollos (min.25m) en 1/4" y 5/16" / Approximate length information (+/- 5m tolerance) \*Box includes 1 or 2 rolls (min. 25m) DN 1/4" & 5/16"

### FHM 2 Braids

PTFE Liso grueso 2 mallas

PTFE-Glattschlauch verstärkt 2 Geflechte

FHM 2 tresses



DN	Part n° Referencia	€
1/4"	M2901206	26,95
5/16"	M2901208	32,00
3/8"	M2901209	36,68
1/2"	M2901213	49,67
5/8"	M2901216	67,72
3/4"	M2901219	79,45
1"	M2901225	108,40

### Brake hose with transparent cover

Mangueras freno con funda transparente

Bremsschlauch mit durchsichtiger Abdeckung

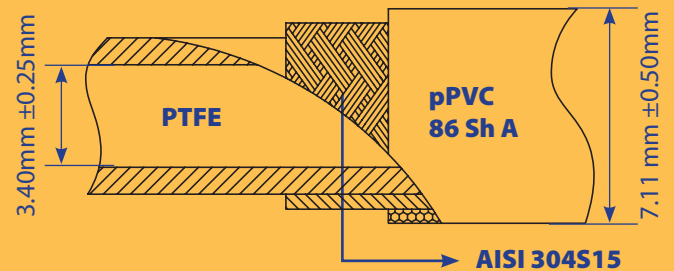
Tuyau de frein avec couvercle transparent



DN	Part n° Referencia	€
1/8"	M29620301	22,38

## SISTEMAS DE FRENADO MOTORCYCLE BRAKING SYSTEMS

Consultar | On request



321 BAR



966 BAR



38mm



-10° to  
+70°C\*



DIFFERENT  
COLORS

\*Limitado por la cubierta de PVC | Limited by PVC Cover

**PTFE HOSES TRΔLE®**

Mangueras PTFE TrΔle®

PTFE-Schläuche TrΔle®

Tuyaux PTFE TrΔle®

**Convuluted PTFE 1 braid**

PTFE corrugado 1 malla

PTFE-Wellschlauch 1 Geflecht

PTFE convoluté 1 tresse



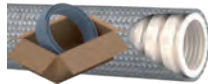
DN	Part n° Referencia	€
1/4"	M292006	30,82
3/8"	M292009	42,63
1/2"	M292013	48,44
5/8"	M292016	60,96
3/4"	M292020	68,88
1"	M292025	101,28
1" 1/4	M292032	158,33
1" 1/2	M292038	201,53
2"	M292050	264,80

**Convuluted PTFE 1 braid - BOXES**

PTFE corrugado 1 malla - CAJAS

PTFE-Wellschlauch 1 Geflecht in Kisten

PTFE convoluté 1 tresse à BOÎTES

**NEW**

DN	Pack approx (m) Pack aprox (m)	Part n° Referencia	€
1/4"	75*	M292006075	37,98
3/8"	50	M292009050	46,63
1/2"	30	M292013030	50,81
5/8"	25	M292016025	62,60
3/4"	25	M292020025	73,05
1"	10	M292025010	105,43

Approximate length information (+/- 5m tolerance) \*Box includes 1 or 2 rolls (min. 25m) DN 1/4" & 5/16" / Información de longitud rollo aproximada (+/- 5m de tolerancia) \*Caja con 1 o 2 rollos (min.25m) en 1/4" y 5/16" / Approximate length information (+/- 5m tolerance) \*Box includes 1 or 2 rolls (min. 25m) DN 1/4" & 5/16" / Approximate length information (+/- 5m tolerance) \*Box includes 1 or 2 rolls (min. 25m) DN 1/4" & 5/16"

**Convuluted PTFE with fiberglass 1 braid**

PTFE corrugado con fibra de vidrio 1 malla

PTFE-Wellschlauch mit Glasfaser 1 Geflecht

PTFE convoluté avec fibre de verre 1 tresse



DN	Part n° Referencia	€
3/8"	M298009	88,72
1/2"	M298013	118,86
3/4"	m298020	156,84
1"	M298025	208,84
1" 1/4	M298032	247,56

**Anti-static convuluted PTFE 1 braid**

PTFE corrugado anti-estático 1 malla

PTFE-Wellschlauch anti-statisch 1 Geflecht

PTFE convoluté anti-statique 1 tresse



DN	Part n° Referencia	€
3/8"	M293009	63,48
1/2"	M293013	61,95
3/4"	M293020	97,93
1"	M293025	112,85

**PTFLEX Smooth PTFE**

PTFE Liso PTFLEX

PTFLEX Glattes Gewelltes PTFE

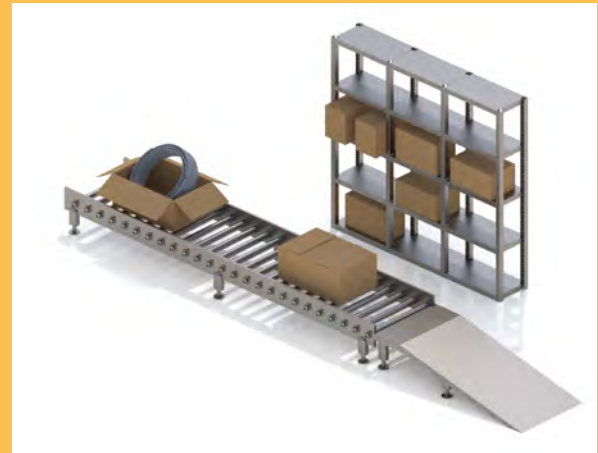
PTFE Lisse PTFLEX



DN	Part n° Referencia	€
3/4"	M294020	149,22
1"	M294025	265,32
1" 1/4	M294032	317,92

**NEW****ENVÍO MANGUERAS PTFE  
SHIPPING SERVICE PTFE HOSES**

Consultar | On request

**Envío por paquetería  
Courier delivery****Embalajes a medida  
Embalajes a Custom-made packaging****Mejor almacenaje  
Better storage**

## HYDRAULIC HOSES PTFE GREENLINE

Mangueras PTFE GreenLine  
Hydraulikschläuche PTFE GreenLine  
Tuyaux hydrauliques PTFE GreenLine

### FHL (light) / Smooth PTFE

NEW

PTFE liso 1 malla

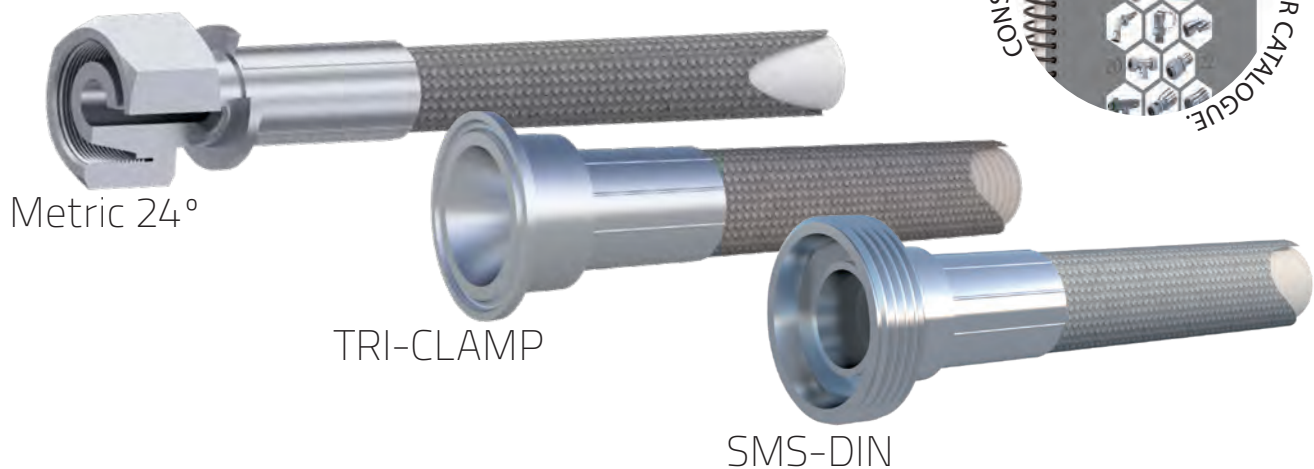
PTFE-Glattschlauch 1 Geflecht

FHL (série légère)



DN	Part n° Referencia	€
1/4"	MW290006	12,80
5/16"	MW290008	17,19
3/8"	MW290009	17,20
1/2"	MW290013	23,55

## CONEXIONES INOX ESPECIAL PTFE STAINLESS STEEL PTFE FITTINGS



Metric 24°

TRI-CLAMP

SMS-DIN



**STANDARD SERIES FITTINGS 44**

Conexiones Serie Standard  
Armaturen Standardserie  
Embouts série Standard

**REUSABLE SERIES FITTINGS 63**

Conexiones Serie Reusables  
Serie Wiederverwendbare Armaturen  
Embouts Récuperables

**BW FITTINGS - NO SKIVING R12 / 4SP / 4SH 64**

Conexiones Serie BW no pelar R12 / 4SP / 4SH  
Armaturen Serie BW R12/4SP/4SH ohne Schälung  
Embouts BW sans dénuder R12 / 4SP / 4SH

**INTERLOCK SERIES FITTINGS 69**

Conexiones Serie Interlock  
Armaturen Interlock  
Embouts à sertir Interlock

**CONEXIONES ALTA PRESIÓN (700 BAR) 77**

Conexiones Alta presión (700 Bar)  
Armaturen Hochdruck (700bar)  
Embouts haute pression 700 Bar

**ONE PIECE FITTINGS 43 SERIES 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17 79**

Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
Einteilige Armaturen Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

**ONE PIECE FITTINGS BW SERIES R12 / 4SP / 4SH NO SKIVE 94**

Conexiones Serie BW una sola pieza R12 / 4SP / 4SH No Pelar  
Einteilige Armaturen Serie BW R12 / 4SP / 4SH ohne Schälung  
Embouts pré-sertis Série BW R12 / 4SP / 4SH sans dénuder

**ONE PIECE FITTINGS BWS SERIES 3SP/4SP/R12/4SH NO SKIVE 97**

Conexiones una sola pieza Serie BWS 3SP/4SP/ R12/4SH No Pelar  
Armaturen Serie BWS 3SP/4SP/R12/4SH ohne Schälung  
Embouts pré-sertis BWS 3SP/4SP/R12/4SH Sans dénuder

**ONE PIECE FITTINGS BW+ SERIES R13/ R15 NO SKIVE 103**

Conexiones una pieza Serie BW+ R13/R15 No Pelar  
Armaturen Serie BW+ R13/R15 ohne Schälung  
Embouts R13/R15 Série BW+ Sans denuder

**PUSH ON SERIES FITTINGS 105**

Conexiones PUSH ON  
Armaturen der Serie PUSH ON  
Embouts PUSH ON

# 02

## FLEXIBLE HOSE FITTINGS

Racores para tuberia Flexible  
Schlaucharmaturen  
Embouts à sertir



# SERIE STANDARD

Standard series



TrAle®

TrAle® GOLD

GREENLINE



SAE 100 R6

EN 854 2TE

EN 854 3TE

EN 857 1SC  
SUPERSERVICE 1SC  
155°

EN 853 1SN  
SAE 100 R1AT  
1SNK

EN 853 2SN  
SAE 100 R2AT  
2SNK

EN 857 2SC  
SUPERSERVICE 2SC  
155°



EN 853 2ST  
SAE100 R2A

EN 856 4SP  
SAE 100 R9R

EN 856 R12  
SAE 100



3SP

EN 856 4SP  
SAE 100 R9R

EN 856 4SH

EN856 R12  
SAE 100



EN 856 R13  
SAE 100

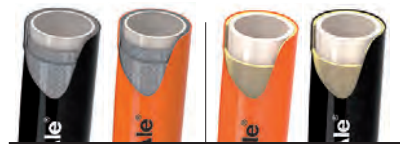
SAE 100 R15



NO PELAR  
NO SKIVE



3/4"-1"



SAE 100 R7  
EN 855

SAE 100 R8  
EN 855



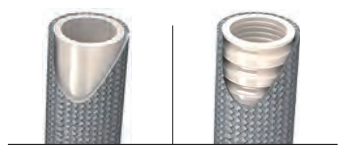
Metallic 1 braid

Metallic 2 braid



Ecology 200

Ecology 250

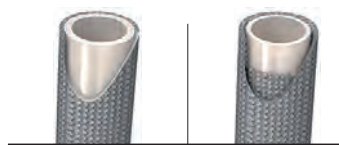


Smooth PTFE 1 braid

Convuluted PTFE Standard

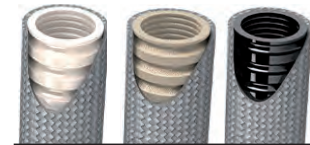
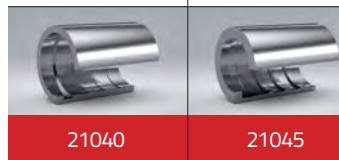


PTFLEX



Smooth PTFE 1 braid

Smooth PTFE 2 braid



Standard Fiberglass Antistatic  
Convuluted PTFE



### SERIE BW NO PELAR

BW Series no skive



EN 856  
4SP  
SAE 100



EN 856  
4SH



EN 856  
R12  
SAE 100



EN 856  
R13  
SAE 100



EN 856  
R13  
SAE 100



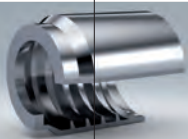
SAE 100  
R15



AC68010



AC68010



AC68010



AC69010



AC69010

3/4"-1"

1" 1/4"-1" 1/2-2"

### SERIE INTERLOCK

Interlock series



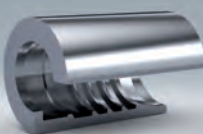
EN 856  
4SH



EN 856  
R13  
SAE 100



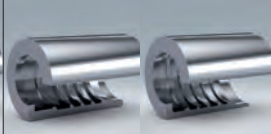
SAE 100  
R15



A61010



A61010  
61010...



A61010  
61010...

**STANDARD SERIES FITTINGS**

Conexiones Serie Standard  
 Armaturen Standardserie  
 Embouts série Standard

**Crimping ferrules ▪ Casquillos para prensar ▪ Pressfassungen ▪ Jupes à sertir**

44


**BSP/BSPT Fittings ▪ Conexiones BSP/BSPT ▪ Armaturen BSP/BSPT ▪ Embouts BSP/BSPT**

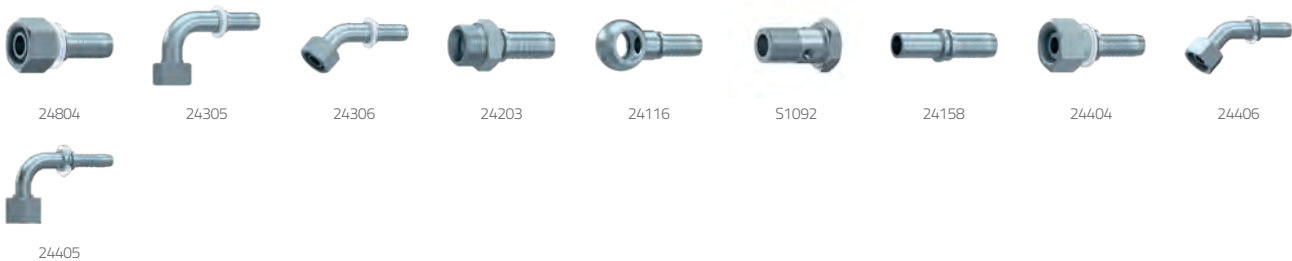
46


**JIC 37° Fittings ▪ Conexiones JIC 37° ▪ Armaturen JIC 37° ▪ Embouts JIC 37°**

50


**Metric fittings DIN 2353 ▪ Conexiones Métricas DIN 2353 ▪ Metr. Armaturen DIN 2353 ▪ Embouts Métriques DIN 2353**

52


**NPT/NPSM Fittings ▪ Conexiones NPT/NPSM ▪ Armaturen NPT/NPSM ▪ Embouts NPT/NPSM**

56


**Fittings Japanese Serie ▪ Conexiones Serie Japonesa ▪ Armaturen Japan. Serie ▪ Embouts Série Japonaise**

56


**Metric fittings French Serie ▪ Conexiones Métricas Serie Francesa ▪ Metr. Armaturen Franz. Serie ▪ Embouts Métriques Série Française**

57



## STANDARD SERIES FITTINGS

Conexiones Serie Standard  
Armaturen Standardserie  
Embouts série Standard

ORFS Fittings ▪ Conexiones ORFS ▪ ORFS-Armaturen ▪ Embouts ORFS | 58



3000/6000 PSI SAE Flanges ▪ Bidas SAE 3000/6000/9000 PSI ▪ SAE-Flansche 3000/6000 PSI ▪ Bidas SAE 3000/6000 PSI | 59



SAE Flanges ▪ Bidas fijación SAE ▪ SAE-Flansche ▪ Bidas SAE | 61



Karcher fittings ▪ Racores para hidrolavadoras ▪ Waschgeräte-Armaturen ▪ Embouts Karcher | 62



CO2 Fittings ▪ Conexiones CO2 ▪ Armaturen CO2 ▪ Embouts CO2 | 62



**REUSABLE SERIES FITTINGS**

Conexiones Serie Reusables  
 Serie Wiederverwendbare Armaturen  
 Embouts Récuperables

Ferrules ▪ Casquillos ▪ Pressfassungen ▪ Jupes

| 63

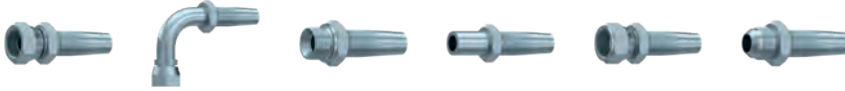


A1G-...R1T

A1G-...R2T

Fittings ▪ Conexiones ▪ Armaturen ▪ Embouts

| 63



A3G

A90G

A2G

AE

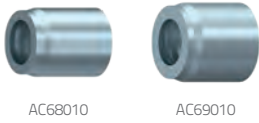
A3J

A2J

## BW FITTINGS - NO SKIVING R12 / 4SP / 4SH

Conexiones Serie BW no pelar R12 / 4SP / 4SH  
Armaturen Serie BW R12/4SP/4SH ohne Schälung  
Embouts BW sans dénuder R12 / 4SP / 4SH

Ferrules BW/BW+ series ▪ Casquillos serie BW/BW+ ▪ Pressfassungen einteilige Serie BW/BW+ ▪ Jupes à sertir BW/BW+ | 64



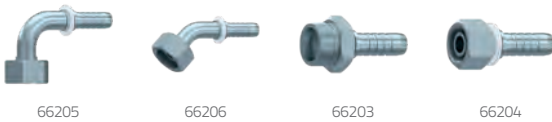
BSP Fittings ▪ Conexiones BSP ▪ Armaturen BSP ▪ Embouts BSP | 64



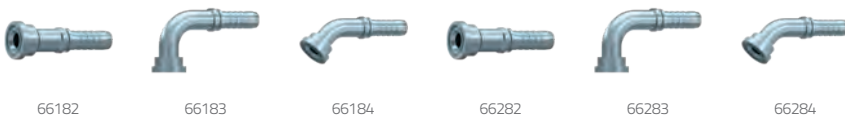
JIC 37° Fittings ▪ Conexiones JIC 37° ▪ Armaturen JIC 37° ▪ Embouts JIC 37° | 65



Metric fittings ▪ Conexiones Métricas DIN 2353 ▪ Metr. Armaturen DIN 2353 ▪ Embouts Métriques | 65



SAE Flanges 3000/6000 PSI ▪ Bidas SAE 3000/6000 PSI ▪ SAE-Flansche 3000/6000 PSI ▪ Brides SAE 3000/6000 PSI | 66



ORFS Fittings ▪ Conexiones ORFS ▪ ORFS-Armaturen ▪ Embouts ORFS | 67





**INTERLOCK SERIES FITTINGS**

Conexiones Serie Interlock  
 Armaturen Interlock  
 Embouts à sertir Interlock

Crimping ferrules ▪ Casquillos ▪ Pressfassungen ▪ Jupes

79

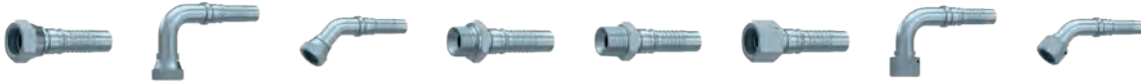


A61010

61010

BSP Fittings ▪ Conexiones BSP ▪ Armaturen BSP ▪ Embouts BSP

69



64100

64107

64108

64112

64161

64500

64507

64508

JIC 37° Fittings ▪ Conexiones JIC 37° ▪ Armaturen JIC 37° ▪ Embouts JIC 37°

71



64142

64138

64139

64140

64542

64538

64539

Metric fittings DIN 2353 ▪ Conexiones Métricas DIN 2353 ▪ Metr. Armaturen DIN 2353 ▪ Embouts Métriques DIN 2353

72



64204

64206

64205

64203

Fittings for hammer ▪ Racores para martillo ▪ Hammerarmaturen ▪ Embouts pour marteau

72



NAM

ORFS fittings ▪ Conexiones ORFS ▪ ORFS-Armaturen ▪ Embouts ORFS

73



64900

64908

64907

3000/6000 PSI SAE Flanges ▪ Bridas SAE 3000/6000 PSI ▪ SAE-Flansche 3000/6000 PSI ▪ Embouts brides SAE 3000/6000 PSI

74



64182

64183

64184

64282

64283

64284

9000 PSI Flanges ▪ Bridas 9000 PSI ▪ Flansche 9000 PSI ▪ Embouts brides 9000 PSI

75



64382

64384

64383

Poclair flanges ▪ Bridas Poclair ▪ Poclair-Flansche ▪ Embouts brides Poclair

76



64801

44805

44807

64802

44806

## HIGH PRESSURE 700 BAR FITTINGS

Conexiones Alta presión (700 Bar)

Armaturen Hochdruck (700bar)

Embouts haute pression 700 Bar

Ferrules ▪ Casquillos ▪ Pressfassungen ▪ Jupes à sertir

77



MT700



71012

Fittings ▪ Conexiones ▪ Armaturen ▪ Embouts

77



74100



74112



74161

## ONE PIECE FITTINGS 43 SERIES 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Einteilige Armaturen Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Ferrules for one piece fittings ▪ Casquillos para racores de una sola pieza ▪ Pressfassungen für einteilige Armaturen ▪ Jupes pour embouts pré-sertis

79



5C2112

PFC2212

DI2224

DI2300

28040

28041

AC68010

AC69010

One piece JIC 37° fittings ▪ Conexiones una sola pieza JIC 37° ▪ Einteilige Armaturen JIC 37° ▪ Embouts pré-sertis JIC 37°

81



28142

28140

28242

28138

28139

One piece NPT-NPSM fittings ▪ Conexiones una sola pieza NPT-NPSM ▪ Einteilige Armaturen NPT-NPSM ▪ Embouts pré-sertis NPT-NPSM

82

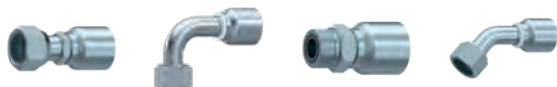


28161

28261

One piece ORFS fittings ▪ Conexiones una sola pieza ORFS ▪ Einteilige Armaturen ORFS ▪ Embouts pré-sertis ORFS

83



28900

28907

28912

28908

One piece SAE Flanges fittings 3000/6000 PSI ▪ Conexiones una sola pieza Bridas SAE 3000/6000 PSI ▪ Einteilige Armaturen SAE-Flansche 3000/6000 PSI ▪ Embouts pré-sertis Brides SAE 3000/6000 PSI

84



28182

28183

28184

28282

28283

28284

One piece SAE Flanges fittings 9000 PSI ▪ Conexiones una sola pieza Bridas SAE 9000 PSI ▪ Einteilige Armaturen SAE-Flansche 9000 PSI ▪ Embouts pré-sertis Brides SAE 9000 PSI

85



48282

48283

48284

One piece Metric fittings ▪ Conexiones una sola pieza Métricas ▪ Einteilige Armaturen metr. ▪ Embouts pré-sertis Métriques

86



28804

28203

28305

28306

28116

28404

28405

28406

28158



28804

28300

# ONE PIECE FITTINGS 43 SERIES 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Einteilige Armaturen Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

One piece BSP - BSPT fittings ▪ Conexiones una sola pieza BSP - BSPT ▪ Einteilige Armaturen BSP - BSPT ▪  
Embouts pré-sertis BSP - BSPT

89



**ONE PIECE FITTINGS BW SERIES R12 / 4SP / 4SH NO SKIVE**

Conexiones Serie BW una sola pieza R12 / 4SP / 4SH No Pelar  
 Einteilige Armaturen Serie BW R12 / 4SP / 4SH ohne Schälung  
 Embouts pré-sertis Série BW R12 / 4SP / 4SH sans dénuder

JIC 37° Fittings ▪ Conexiones JIC 37° ▪ Armaturen JIC 37<sup>a</sup> ▪ Embouts JIC 37°

94



68140

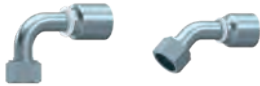
68242

68138

68139

ORFS Fittings ▪ Conexiones ORFS ▪ ORFS-Armaturen ▪ Embouts ORFS

94

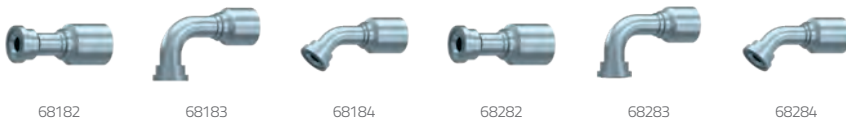


68907

68908

SAE Flanges 3000/6000 PSI ▪ Bridas SAE 3000/6000 PSI ▪ SAE-Flansche 3000/6000 PSI ▪ Brides SAE 3000/6000 PSI

95



68182

68183

68184

68282

68283

68284

Metric fittings ▪ Conexiones Métricas DIN 2353 ▪ Metr. Armaturen DIN 2353 ▪ Embouts Métriques

96



68205

68206

68203

BSP Fittings ▪ Conexiones BSP ▪ Armaturen BSP ▪ Embouts BSP

96



68110

68107

68108

68112

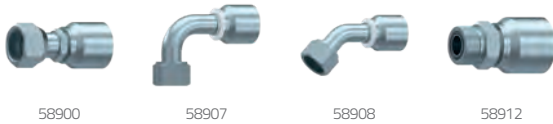
## ONE PIECE FITTINGS BWS SERIES 3SP/4SP/R12/4SH NO SKIVE

Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar  
 Armaturen Serie BWS 3SP/4SP/R12/4SH ohne Schälung  
 Embouts pré-sertis BWS 3SP/4SP/R12/4SH Sans dénuder

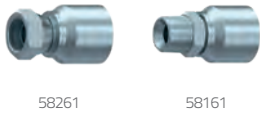
One piece JIC 37° fittings ▪ Conexiones una sola pieza JIC 37° ▪ Einteilige Armaturen JIC 37° ▪ Embouts pré-sertis JIC 37° | 97



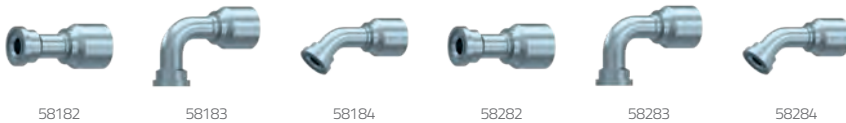
One piece ORFS fittings ▪ Conexiones una sola pieza ORFS ▪ Einteilige Armaturen ORFS ▪ Embouts pré-sertis ORFS | 98



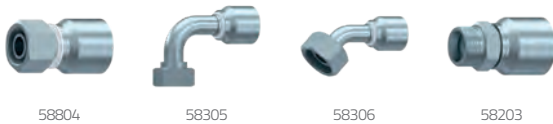
One piece NPT-NPSM fittings ▪ Conexiones una sola pieza NPT-NPSM ▪ Einteilige Armaturen NPT-NPSM ▪ Embouts pré-sertis NPT-NPSM | 98



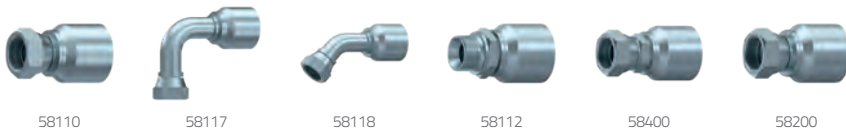
One piece SAE Flanges fittings ▪ Conexiones una sola pieza Bridas SAE ▪ Einteilige Armaturen SAE-Flansche ▪ Embouts pré-sertis Brides SAE | 99



One piece Metric fittings ▪ Conexiones una sola pieza Métricas ▪ Einteilige Armaturen metr. ▪ Embouts pré-sertis Métriques | 101



One piece BSP fittings ▪ Conexiones una sola pieza BSP ▪ Einteilige Armaturen BSP ▪ Embouts pré-sertis BSP | 100

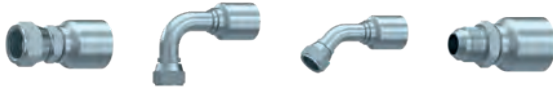


**ONE PIECE FITTINGS BW+ SERIES R13/R15 NO SKIVE**

Conexiones una pieza Serie BW+ R13/R15 No Pelar  
 Armaturen Serie BW+ R13/R15 ohne Schälung  
 Embouts R13/R15 Série BW+ Sans denuder

JIC 37° fittings ▪ Conexiones JIC 37° ▪ Armaturen JIC 37° ▪ Embouts JIC 37°

| 103



69242

69138

69139

69140

ORFS fittings ▪ Conexiones ORFS ▪ Armaturen ORFS ▪ Embouts ORFS

| 103



69901

69907

69908

SAE Flanges ▪ Bidas SAE ▪ SAE-Flansche ▪ Brides SAE

| 104



69282

69283

69284

BSP fittings ▪ Conexiones BSP ▪ Armaturen BSP ▪ Embouts BSP

| 104



69112

69110

69117

69118

## PUSH ON SERIES FITTINGS

Conexiones PUSH ON  
Armaturen der Serie PUSH ON  
Embouts PUSH ON

PUSH ON BSP series fittings ▪ Conexiones PUSH ON BSP ▪ Armaturen der Serie PUSH ON BSP ▪ Embouts PUSH ON BSP | 105



39100

39112

PUSH ON JIC 37° series fittings ▪ Conexiones Push-On JIC 37° ▪ Armaturen der Serie PUSH ON JIC 37° ▪ Embouts PUSH ON JIC 37° | 105



39142

39140

PUSH ON NPT series fittings ▪ Conexiones Push-On NPT ▪ Armaturen der Serie PUSH ON NPT ▪ Embouts PUSH ON NPT | 105



39161

PUSH ON Metrics series fittings ▪ Conexiones Push-On Métricas DIN 2383 ▪ Armaturen der Serie PUSH ON Metrik ▪ Embouts PUSH ON Métrique | 105



39804

39203



## STANDARD SERIES FITTINGS

Conexiones Serie Standard  
Armaturen Standardserie  
Embouts série Standard

### Ferrules R1AT/R2AT/1SN/2SN/2SC/R16/3TE

Casquillos R1AT/R2AT/1SN/2SN/2SC/R16/3TE

Pressfassungen R1AT/R2AT/1SN/2SN/2SC/  
R16/3TE

Jupes à sertir R1AT/R2AT/1SN/2SN/2SC/R16/3TE



DN	Referencia Part n°	€
3/16"	DI221200300	1,39
1/4"	DI221200400	1,16
5/16"	DI221200501	1,16
3/8"	DI221200600	1,33
1/2"	DI221200800	1,57
5/8"	DI221201000	2,12
3/4"	DI221201200	3,11
1"	DI221201600	6,46
1"1/4	DI221202000	18,77
1"1/2	DI221202400	27,08
2"	DI221203200	39,06
2"1/2	DI221204000	47,35
3"	DI221204800	57,53

### Ferrules R4

Casquillos R4

Pressfassungen R4

Jupes à sertir R4



DN	Referencia Part n°	€
3/4"	DI221201200R4	8,85

For other sizes, please check out the crimping table on our website. / Para otros tamaños, consultar tabla de prensado en nuestra web. / Für andere DN Größe, überprüfen Sie bitte die Pressmaßtabelle auf unserer Webseite. / Pour les autres dimensions, voir tableau de sertissage disponible sur notre site web.

### Ferrules SAE 100 R6, R7, R8 and steel braid

Casquillos R6, R7, R8 y malla metálica

Pressfassungen R6/R7/R8 und Metallumfl.

Jupes à sertir R6, R7, R8 et tresse métallique



DN	Referencia Part n°	€
1/8"	DI2300200	1,25
3/16"	DI2300300	1,01
1/4"	DI2300400	1,03
5/16"	DI2300500	1,75
3/8"	DI2300600	1,55
1/2"	DI2300800	2,17
5/8"	DI2301000	3,40
3/4"	DI2301200	5,79
1"	DI2301600	9,52

### Ferrules 1SC/1SN/2SC/R6/2TE

Casquillos 1SC/1SN/2SC/R6/2TE

Pressfassungen 1SC/1SN/2SC/R6/2TE

Jupes à sertir 1SC/1SN/2SC/R6/2TE



DN	Referencia Part n°	€
1/4"	SC21120400	1,49
5/16"	SC21120500	1,43
3/8"	SC21120600	1,63
1/2"	SC21120800	2,49
5/8"	SC21121000	3,38
3/4"	SC21121200	4,89
1"	SC21121600	7,58

### Ferrules R2A/R9R/2ST/4SP

Casquillos R2A/R9R/2ST/4SP

Pressfassungen R2A/R9R/2ST/4SP

Jupes à sertir R2A/R9R/2ST/4SP



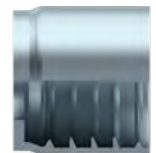
DN	Referencia Part n°	€
1/4"	DI122400400	1,61
5/16"	DI122400500	1,99
3/8"	DI122400600	1,71
1/2"	DI122400800	2,86
5/8"	DI122401000	3,80
3/4"	DI122401200	5,55
1"	DI122401600	8,17
1"1/4	DI122402000	24,20
1"1/2	DI122402400	22,66
2"	DI122403200	41,20

### Ferrules R12/3SP/4SP/4SH non skive

Casquillos R12/3SP/4SP/4SH no pelar

Pressfassungen 3SP/4SP/R12/4SH ohne Schälung

Jupes à sertir R12/3SP/4SP/4SH sans dénudage



DN	Referencia Part n°	€
3/8"	DI222400600	2,27
1/2"	DI222400800	2,95
5/8"	DI222401000	4,30
3/4"	DI222401200	7,33
1"	DI222401600	8,72
1"1/4	DI222402000	17,51
1"1/2	DI222402400	33,40
2"	DI222403200	53,46

■ **CASQUILLO:** Reduce costes y tiempo de montaje

■ **FERRULES:** Simplify assembly and save money



DI2224...

Consulta en nuestra ficha técnica datos | Check our technical sheet for data

## STANDARD SERIES FITTINGS

Conexiones Serie Standard  
Armaturen Standardserie  
Embouts série Standard

### Ferrules for Smooth PTFE SAE 100 R14

Casquillos PTFE Liso alta presión SAE 100 R14

Pressfassungen PTFE-Glattschläuche Hochdruck SAE 100 R14

Jupes à sertir pour PTFE Lisse haute pression SAE 100 R14



DN	Referencia Part n°	€
1/8"	<b>210400100</b>	1,50
3/16"	<b>210400300</b>	1,66
1/4"	<b>210400400</b>	1,21
5/16"	<b>210400500</b>	1,64
3/8"	<b>210400600</b>	1,29
1/2"	<b>210400800</b>	2,01
5/8"	<b>210401000</b>	2,59
3/4"	<b>210401200</b>	3,43
1"	<b>210401600</b>	6,06

### Ferrules for Smooth PTFE SAE 100 R14 smooth surface



Casquillos PTFE Liso alta presión SAE 100 R14 perfil liso

Pressfassungen PTFE-Glattschläuche Hochdruck SAE 100 R14 glatte Oberfläche

Jupes à sertir pour PTFE Lisse haute pression SAE 100 R14 surface lisse



DN	Referencia Part n°	€
1/4"	<b>280400400</b>	1,33
5/16"	<b>280400500</b>	1,70
3/8"	<b>280400600</b>	1,53
1/2"	<b>280400800</b>	2,50
5/8"	<b>280401000</b>	2,85

### Ferrules for Smooth PTFE high pressure hose with two braids

Casquillos PTFE liso doble malla alta presión

Pressfassungen PTFE-Glattschlauch 2 Geflechte Hochdruck

Jupes à sertir pour PTFE Lisse double tresse haute pression



DN	Referencia Part n°	€
1/4"	<b>210450400</b>	1,25
3/8"	<b>210450600</b>	1,56

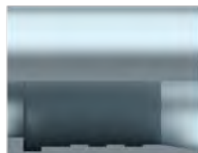
For other sizes, please check out the crimping table on our website. / Para otros tamaños, consultar tabla de prensado en nuestra web. / Für andere DN Größe, überprüfen Sie bitte die Pressmaßtabelle auf unserer Webseite. / Pour les autres dimensions, voir tableau de sertissage disponible sur notre site web.

### Ferrules for Convuluted PTFE

Casquillos PTFE Corrugado alta presión

Pressfassungen für PTFE-Wellenschläuche Hochdruck

Jupes à sertir PTFE Convoluté haute pression



DN	Referencia Part n°	€
1/4"	<b>210410400</b>	1,64
3/8"	<b>210410600</b>	1,89
1/2"	<b>210410800</b>	2,11
5/8"	<b>210411000</b>	3,69
3/4"	<b>210411201</b>	3,78
1"	<b>210411600</b>	6,88
1"1/4	<b>210412001</b>	13,94
1" 1/2	<b>210412400</b>	17,56
2"	<b>210413200</b>	30,11

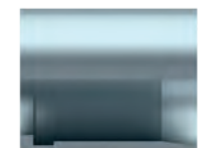
### Ferrules for Convuluted PTFE smooth surface




Casquillos PTFE Corrugado alta presión perfil liso

Pressfassungen für PTFE-Wellenschläuche Hochdruck glatte Oberfläche

Jupes à sertir PTFE Convoluté haute pression surface lisse



DN	Referencia Part n°	€
1/4"	<b>280410400</b>	1,41
3/8"	<b>280410600</b>	1,61
1/2"	<b>280410800</b>	2,02
5/8"	<b>280411000</b>	3,17
3/4"	<b>280411200</b>	3,62



FACIL MONTAJE

EASY ASSEMBLY

VALIDO PARA CONEXIONES DE 1 Y 2 PIEZAS

SUITABLE FOR 1 & 2 PIECE FITTINGS

**CASQUILLOS PERFIL LISO**  
**FERRULES WITH SMOOTH PROFILE**

## STANDARD SERIES FITTINGS

Conexiones Serie Standard

Armaturen Standardserie

Embouts série Standard

### BSP Swivel female 60° cone

Hembras giratorias rectas BSP cono 60°

Dichtkopf mit BSP Ü-Mutter 60°

Femelle tournante gaz cyl BSP 60°



DN	ROSCA THREAD	Referencia Part n°	€
1/8"	1/8" BSP	241000202	1,68
3/16"	1/8" BSP	241000203	1,61
1/4"	1/8" BSP	241000204	1,95
3/16"	1/4" BSP	241000403	2,03
1/4"	1/4" BSP	241000404	1,62
5/16"	1/4" BSP	241000405	2,08
3/8"	1/4" BSP	241000406	2,24
1/4"	3/8" BSP	241000604	2,40
5/16"	3/8" BSP	241000605	2,23
3/8"	3/8" BSP	241000606	2,09
1/2"	3/8" BSP	241000608	2,63
1/4"	1/2" BSP	241000804	3,02
3/8"	1/2" BSP	241000806	2,86
1/2"	1/2" BSP	241000808	2,88
5/8"	1/2" BSP	241000810	3,61
1/2"	5/8" BSP	241001008	4,38
5/8"	5/8" BSP	241001010	3,80
1/2"	3/4" BSP	241001208	4,51
5/8"	3/4" BSP	241001210	4,57
3/4"	3/4" BSP	241001212	4,78
3/4"	1" BSP	241001612	8,71
1"	1" BSP	241001616	8,45
2"	2" 1/2 BSP	241004032	75,12
2" 1/2	2" 1/2 BSP	241004040	75,12
3"	3" BSP	241004848	86,66

For sizes of 1" 1/4, 1" 1/2 y 2" see with o'ring / Para medidas de 1" 1/4, 1" 1/2 y 2" ver con junta / Für DN 1" 1/4, 1" 1/2 y 2" bitte die Ausführung mit Dichtung einsehen / Pour les dimensions de 1" 1/4, 1" 1/2 y 2" voir avec o'ring

### BSP Swivel female 60° cone (45° Elbow)

Hembras giratorias 45° BSP cono 60°

Dichtkopf mit BSP 60° Ü-Mutter 45° kon.

Coude 45° femelle tournante gaz cyl BSP 60°



DN	ROSCA THREAD	Referencia Part n°	€
3/16"	1/8" BSP	241080203	3,54
1/4"	1/8" BSP	241080204	2,42
3/16"	1/4" BSP	241080403	3,48
1/4"	1/4" BSP	241080404	2,73
1/4"	3/8" BSP	241080604	3,35
5/16"	3/8" BSP	241080605	4,08
3/8"	3/8" BSP	241080606	3,81
3/8"	1/2" BSP	241080806	5,28
1/2"	1/2" BSP	241080808	5,28
1/2"	5/8" BSP	241081008	8,28
5/8"	5/8" BSP	241081010	8,28
5/8"	3/4" BSP	241081210	9,98
3/4"	3/4" BSP	241081212	10,65
3/4"	1" BSP	241081612	17,85
1"	1" BSP	241081616	16,63

For those bigger than 1" see with o'ring / Para aquellas mayores de 1" ver con junta / Für diejenigen ab 1" vergleichen Sie bitte den Teil mit Dichtung / Pour ceux plus grand que 1" voir avec o'ring

### BSP Swivel female 60° cone (90° Elbow)

Hembras giratorias 90° BSP cono 60°

Dichtkopf mit BSP Ü-Mutter 60° kon. 90°

Coude 90° femelle tournante gaz cyl BSP 60°



DN	ROSCA THREAD	Referencia Part n°	€
3/16"	1/8" BSP	241070203	3,22
1/4"	1/8" BSP	241070204	2,72
3/16"	1/4" BSP	241070403	3,14
1/4"	1/4" BSP	241070404	2,69
1/4"	3/8" BSP	241070604	3,64
5/16"	3/8" BSP	241070605	3,87
3/8"	3/8" BSP	241070606	3,62
1/4"	1/2" BSP	241070804	5,63
3/8"	1/2" BSP	241070806	4,54
1/2"	1/2" BSP	241070808	4,78
1/2"	5/8" BSP	241071008	8,95
5/8"	5/8" BSP	241071010	8,09
1/2"	3/4" BSP	241071208	8,89
5/8"	3/4" BSP	241071210	9,28
3/4"	3/4" BSP	241071212	8,83
3/4"	1" BSP	241071612	15,92
1"	1" BSP	241071616	16,50

For those bigger than 1" see with o'ring / Para aquellas mayores de 1" ver con junta / Für diejenigen ab 1" vergleichen Sie bitte den Teil mit Dichtung / Pour ceux plus grand que 1" voir avec o'ring

### BSP Swivel female 60° with o'ring

Hembras giratorias rectas BSP cono 60° con junta tórica

Dichtkopf mit BSP Ü-Mutter 60° mit O-Ring

Femelle tournante droit gaz cyl BSP 60° + o'ring



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	241100404	2,02
3/8"	3/8" BSP	241100606	2,66
1/2"	1/2" BSP	241100808	3,37
5/8"	5/8" BSP	241101010	5,33
5/8"	3/4" BSP	241101210	5,72
3/4"	3/4" BSP	241101212	5,10
1"	1" BSP	241101616	11,19
1"	1" 1/4 BSP	241102016	19,43
1" 1/4	1" 1/4 BSP	241102020	20,34
1" 1/4	1" 1/2 BSP	241102420	27,16
1" 1/2	1" 1/2 BSP	241102424	26,44
1" 1/2	2" BSP	241103224	47,76
2"	2" BSP	241103232	48,05

## STANDARD SERIES FITTINGS

Conexiones Serie Standard  
Armaturen Standardserie  
Embouts série Standard

### BSP Swivel female 60° cone with o'ring (45° Elbow)

Hembras giratorias 45° BSP cono 60° con junta tórica

Dichtkopf mit BSP 60° Ü-Mutter 45° kon. mit O-Ring

Coude 45° femelle tournante gaz cyl BSP 60° + o'ring



DN	ROSCA THREAD	Referencia Part n°	€
3/8"	3/8" BSP	241180606	4,27
1/2"	1/2" BSP	241180808	5,40
5/8"	5/8" BSP	241181010	8,56
3/4"	3/4" BSP	241181212	16,23
1"	1" BSP	241181616	17,89
1"1/4	1"1/4 BSP	241182020	26,17
1"1/2	1"1/2 BSP	241182424	35,84
2"	2" BSP	241183232	57,15

\*Until end of stock. / \*Hasta fin de existencias. / \*Bis zum Ende des Lagerbestandes. / \*Jusqu'à la fin du stock.

### BSP Swivel female 60° cone double hex.

Hembras giratorias BSP 60° doble hexagono

Dichtkopf mit BSP Ü-Mutter BSP 60° doppelt 6 kt

Femelle tournante BSP cône 60° double hexagonal



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	244000404	2,98
5/16"	3/8" BSP	244000605	3,39
3/8"	3/8" BSP	244000606	3,64
1/2"	1/2" BSP	244000808	4,47
3/4"	3/4" BSP	244001212	9,25
1"	1" BSP	244001616	12,33
1"1/4	1"1/4 BSP	244002020	26,13
1"1/2	1"1/2 BSP	244002424	39,52
2"	2" BSP	244003232	68,58

### BSP Swivel female 60° cone with o'ring (90° Elbow)

Hembras giratorias 90° BSP cono 60° con junta tórica

Dichtkopf mit BSP Ü-Mutter 60° kon. 90° mit O-Ring

Coude 90° femelle tournante gaz cyl BSP 60° + o'ring



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	241170404*	4,05
3/8"	3/8" BSP	241170606	5,04
1/2"	1/2" BSP	241170808	7,06
5/8"	5/8" BSP	241171010	9,76
3/4"	3/4" BSP	241171212	11,83
1"	1" BSP	241171616	20,17
1"	1"1/4 BSP	241172016	32,35
1"1/4	1"1/4 BSP	241172020	36,61
1"1/4	1"1/2 BSP	241172420	38,23
1"1/2	1"1/2 BSP	241172424	42,48
2"	2" BSP	241173232	104,78

**Disponibles en diámetros 2" 1/2 - 3"**  
**Larger diameters available 2" 1/2 - 3"**

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EN 853 2SN / SAE 100 R2AT  
MS3511...

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R1AT/R2AT/1SN/2SN/2SC/R16/3TE BSP (60°)  
DI2212...

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24100...

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BSP (60°)  
A1020... | A1010...

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3000PSI  
24182...

Consulta en nuestra ficha técnica. | Check our technical sheet for data options.

## STANDARD SERIES FITTINGS

Conexiones Serie Standard

Armaturen Standardserie

Embouts série Standard

### BSP Swivel female flat seat

Hembras giratorias rectas BSP asiento plano

Dichtkopf mit BSP Ü-Mutter flachdichtend

Femelle tournante fond plat BSP



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	242000404	2,10
5/16"	3/8" BSP	242000605	2,86
3/8"	3/8" BSP	242000606	2,91
3/8"	1/2" BSP	242000806	2,98
1/2"	1/2" BSP	242000808	3,01
1/2"	3/4" BSP	242001208	5,76
3/4"	3/4" BSP	242001212	6,24
1"	1" BSP	242001616	10,11
1" 1/4	1" 1/4 BSP	242002020	21,78
1" 1/2	1" 1/2 BSP	242002424	29,08

### BSP Male flat seat

Macho rosca cilíndrica BSP asiento plano

BSP Außengewinde flachdichtend AGR-K

Mâle fixe gaz cyl fond plat



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	242120404	2,99
3/8"	3/8" BSP	242120606	3,94
3/8"	1/2" BSP	242120806	5,51
1/2"	1/2" BSP	242120808	5,37
3/4"	3/4" BSP	242121212	8,17
1"	1" BSP	242121616	14,85

### BSP Swivel female flat seat (90° Elbow)

Hembras giratorias 90° BSP asiento plano

Dichtkopf mit BSP Ü-Mutter 90° flachdichtend

Embout à sertir coude 90° femelle tournante fond plat BSP



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	242070404	3,44
3/8"	3/8" BSP	242070606	4,68
1/2"	1/2" BSP	242070808	4,76
3/4"	3/4" BSP	242071212	12,51
1"	1" BSP	242071616	22,00

### BSP Swivel female 60° cone forge (90° Elbow)

Hembras giratorias 90° BSP cono 60° (forja)

Dichtkopf mit BSP Ü-Mutter 60° kon. 90° (Guss-Stück)

Coude 90° femelle tournante forge gaz cyl BSP 60°



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	241270404	4,52
5/16"	3/8" BSP	241270605	4,68
3/8"	3/8" BSP	241270606	5,62
3/8"	1/2" BSP	241270806	5,86
1/2"	1/2" BSP	241270808	7,30
5/8"	3/4" BSP	241271210	9,61
3/4"	3/4" BSP	241271212	11,90

### BSP Male parallel 60° cone

Macho rosca cilíndrica BSP cono 60°

Außengewinde zyl. BSP 60° kon.

Mâle fixe gaz cyl BSP 60°



DN	ROSCA THREAD	Referencia Part n°	€
3/16"	1/8" BSP	241120203	1,45
1/4"	1/8" BSP	241120204	1,82
1/8"	1/4" BSP	241120402	6,62
3/16"	1/4" BSP	241120403	3,94
1/4"	1/4" BSP	241120404	1,73
3/8"	1/4" BSP	241120406	2,82
1/4"	3/8" BSP	241120604	2,52
5/16"	3/8" BSP	241120605	2,43
3/8"	3/8" BSP	241120606	2,23
1/2"	3/8" BSP	241120608	3,08
1/4"	1/2" BSP	241120804	3,97
3/8"	1/2" BSP	241120806	3,43
1/2"	1/2" BSP	241120808	3,05
1/2"	5/8" BSP	241121008	6,30
5/8"	5/8" BSP	241121010	5,26
1/2"	3/4" BSP	241121208	6,16
5/8"	3/4" BSP	241121210	6,28
3/4"	3/4" BSP	241121212	5,06
3/4"	1" BSP	241121612	12,00
1"	1" BSP	241121616	8,76
1"	1" 1/4 BSP	241122016	23,10
1" 1/4	1" 1/4 BSP	241122020	22,84
1" 1/2	1" 1/2 BSP	241122424	24,20
2"	2" BSP	241123232	51,30

### BSPT Male tapered

Macho rosca cónica BSPT

Außengewinde kon. BSPT 60°

Mâle fixe gaz conique BSPT



DN	ROSCA THREAD	Referencia Part n°	€
3/16"	1/8" BSPT	241140203	1,48
1/4"	1/8" BSPT	241140204	1,40
1/4"	1/4" BSPT	241140404	1,40
1/4"	3/8" BSPT	241140604	2,24
5/16"	3/8" BSPT	241140605	1,95
3/8"	3/8" BSPT	241140606	2,08
3/8"	1/2" BSP	241140806	2,67
1/2"	1/2" BSPT	241140808	2,87
5/8"	3/4" BSPT	241141210	5,88
3/4"	3/4" BSPT	241141212	6,05
3/4"	1" BSPT	241141612	10,08
1"	1" BSPT	241141616	11,23
1"	1" 1/4 BSPT	241142016	18,23
1" 1/4	1" 1/4 BSPT	241142020	21,21
1" 1/2	1" 1/2 BSPT	241142424	20,80
2"	2" BSPT	241143232	51,91

## STANDARD SERIES FITTINGS

Conexiones Serie Standard  
Armaturen Standardserie  
Embouts série Standard

### Banjo BSP

Orientable BSP

Ringauge BSP

Embout Banjo droit gaz



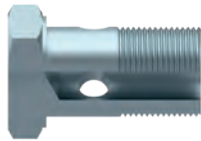
DN	∅	Referencia Part n°	€
3/16"	1/4" BSP	241110403	3,36
1/4"	1/4" BSP	241110404	2,51
5/16"	1/4" BSP	241110405	3,09
3/8"	1/4" BSP	241110406	3,09
1/4"	3/8" BSP	241110604	3,76
5/16"	3/8" BSP	241110605	4,08
3/8"	3/8" BSP	241110606	3,57
1/2"	3/8" BSP	241110608	3,66
3/8"	1/2" BSP	241110806	5,31
1/2"	1/2" BSP	241110808	5,36
5/8"	5/8" BSP	241111010	12,57
1/2"	3/4" BSP	241111208	11,86
5/8"	3/4" BSP	241111210	15,13
3/4"	3/4" BSP	241111212	13,04
1"	1" BSP	241111616	33,15

### BSP bolt for Banjo

Tornillo orientable simple BSP

Einfache Hohlschraube BSP für Ringauge

Vis creuse simple pour banjo filetage gaz BSP



ROSCA THREAD	Referencia Part n°	€
1/8" BSP	A109002	1,31
1/4" BSP	A109004	1,19
3/8" BSP	A109006	1,50
1/2" BSP	A109008	2,11
5/8" BSP	A109010	3,14
3/4" BSP	A109012	4,02
1" BSP	A109016	7,88
1 1/4" BSP	A109020	23,68

\*See prices in p.302 (BSP ADAPTORS) / \*Ver precios en p.302 (ADAPTADORES BSP) / \*Vgl. Sie die Preise auf S. 302 (BSP-ADAPTER) / \*Prix à la p.302 (ADAPTEURS BSP)

## STANDARD SERIES FITTINGS

Conexiones Serie Standard  
Armaturen Standardserie  
Embouts série Standard

### JIC Swivel female 37° cone

Hembras giratorias rectas JIC 37°

Dichtkonus mit Ü-Mutter JIC 37°

Femelle tournante droite JIC cône 37°



DN	ROSCA THREAD	Referencia Part n°	€
3/16"	7/16" 20h UNF	241420703	1,86
1/4"	7/16" 20h UNF	241420704	1,67
1/4"	1/2" 20h UNF	241420804	1,92
5/16"	1/2" 20h UNF	241420805	2,55
1/4"	9/16" 18h UNF	241420904	1,97
5/16"	9/16" 18h UNF	241420905	1,89
3/8"	9/16" 18h UNF	241420906	2,05
3/8"	5/8" 18h UNF	241421006	3,22
5/16"	3/4" 16h UNF	241421205	2,82
3/8"	3/4" 16h UNF	241421206	2,59
1/2"	3/4" 16h UNF	241421208	3,21
3/8"	7/8" 14h UNF	241421406	3,00
1/2"	7/8" 14h UNF	241421408	3,32
5/8"	7/8" 14h UNF	241421410	4,32
1/2"	1"1/16 12h UNF	241421708	4,95
5/8"	1"1/16 12h UNF	241421710	5,46
3/4"	1"1/16 12h UNF	241421712	4,90
1"	1"1/16 12h UNF	241421716	9,96
3/4"	1"5/16 12h UNF	241422112	11,04
1"	1"5/16 12h UNF	241422116	11,42
1"	1"5/8 12h UNF	241422616	17,80
1"1/4	1"5/8 12h UNF	241422620	16,73
1"1/4	1"7/8 12h UNF	241423020	33,56
1"1/2	1"7/8 12h UNF	241423024	24,92
2"	2"1/2 12h UNF	241424032	45,24

### JIC swivel female 37° cone double hex.

Hembras giratorias rectas JIC 37° doble hexagono

Dichtkonus mit Ü-Mutter JIC 37° DKJ doppelt 6 kt

Femelle JIC 37° double hexagonal



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	7/16" 20h UNF	242420704	2,61
1/4"	1/2" 20h UNF	242420804	2,80
5/16"	9/16" 18h UNF	242420905	3,44
3/8"	9/16" 18h UNF	242420906	3,38
3/8"	3/4" 16h UNF	242421206	3,82
1/2"	3/4" 16h UNF	242421208	4,45
1/2"	7/8" 14h UNF	242421408	5,54
3/4"	1"1/16 12h UN	242421712	8,43
1"	1"5/16 12h UN	242422116	11,70
1"1/4	1"5/8 12h UN	242422620	24,81
1"1/2	1"7/8 12h UN	242423024	38,16
2"	2"1/2 12h UN	242424032	69,75

### JIC Swivel female 37° cone (90° Elbow)

Hembras giratorias 90° JIC 37°

Dichtkonus JIC 37° DKJ 90°

Coude 90° femelle tournante cône JIC 37°



DN	ROSCA THREAD	Referencia Part n°	€
3/16"	7/16" 20h UNF	241380703	4,70
1/4"	7/16" 20h UNF	241380704	3,15
1/4"	1/2" 20h UNF	241380804	3,32
1/4"	9/16" 18h UNF	241380904	2,98
5/16"	9/16" 18h UNF	241380905	4,03
3/8"	9/16" 18h UNF	241380906	4,54
3/8"	5/8" 18h UNF	241381006	5,40
3/8"	3/4" 16h UNF	241381206	4,42
1/2"	3/4" 16h UNF	241381208	4,21
3/8"	7/8" 14h UNF	241381406	8,11
1/2"	7/8" 14h UNF	241381408	5,80
5/8"	7/8" 14h UNF	241381410	8,85
1/2"	1"1/16 12h UNF	241381708	12,53
5/8"	1"1/16 12h UNF	241381710	10,82
3/4"	1"1/16 12h UNF	241381712	10,10
3/4"	1"5/16 12h UNF	241382112	19,67
1"	1"5/16 12h UNF	241382116	16,75
1"	1"5/8 12h UNF	241382616	34,14
1"1/4	1"5/8 12h UNF	241382620	33,01
1"1/4	1"7/8 12h UNF	241383020	53,10
1"1/2	1"7/8 12h UNF	241383024	47,75
2"	2"1/2 12h UNF	241384032	97,93

### JIC swivel female 37° cone (45° Elbow)

Hembras giratorias 45° JIC 37°

Dichtkonus JIC 37° DKJ 45°

Coude 45° femelle tournante cône JIC 37°



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	7/16" 20h UNF	241390704	3,18
1/4"	1/2" 20h UNF	241390804	3,96
1/4"	9/16" 18h UNF	241390904	4,08
5/16"	9/16" 18h UNF	241390905	3,76
3/8"	9/16" 18h UNF	241390906	4,10
3/8"	3/4" 16h UNF	241391206	6,00
1/2"	3/4" 16h UNF	241391208	6,12
1/2"	7/8" 14h UNF	241391408	7,68
5/8"	7/8" 14h UNF	241391410	7,92
1/2"	1"1/16 12h UNF	241391708	12,12
5/8"	1"1/16 12h UNF	241391710	11,70
3/4"	1"1/16 12h UNF	241391712	10,14
3/4"	1"5/16 12h UNF	241392112	20,63
1"	1"5/16 12h UNF	241392116	17,29
1"	1"5/8 12h UNF	241392616	34,14
1"1/4	1"5/8 12h UNF	241392620	37,13
1"1/4	1"7/8 12h UNF	241393020	55,69
1"1/2	1"7/8 12h UNF	241393024	55,69
2"	2"1/2 12h UNF	241394032	101,49

## STANDARD SERIES FITTINGS

Conexiones Serie Standard

Armaturen Standardserie

Embouts série Standard

### Male JIC 37° cone

Macho JIC 37°

Außengewinde JIC 37°

Mâle fixe JIC cône 37°



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	7/16" 20h UNF	241400704	1,48
1/4"	1/2" 20h UNF	241400804	2,66
5/16"	1/2" 20h UNF	241400805	2,60
1/4"	9/16" 18h UNF	241400904	1,66
5/16"	9/16" 18h UNF	241400905	2,21
3/8"	9/16" 18h UNF	241400906	1,79
3/8"	3/4" 16h UNF	241401206	2,57
1/2"	3/4" 16h UNF	241401208	2,32
3/8"	7/8" 14h UNF	241401406	3,81
1/2"	7/8" 14h UNF	241401408	2,79
5/8"	7/8" 14h UNF	241401410	3,99
1/2"	1"1/16 12h UNF	241401708	5,74
5/8"	1"1/16 12h UNF	241401710	5,20
3/4"	1"1/16 12h UNF	241401712	6,72
3/4"	1"5/16 12h UNF	241402112	9,94
1"	1"5/16 12h UNF	241402116	12,11
1"	1"5/8 12h UNF	241402616	19,66
1"1/4"	1"5/8 12h UNF	241402620	21,52
1"1/4"	1"7/8 12h UNF	241403020	29,85
1"1/2"	1"7/8 12h UNF	241403024	29,85
2"	2"1/2 12h UNF	241404032	55,27

### Double hose tail for crimping

Espigas de prensar dobles

Press-Doppelschlauchstutzen

Embout double jonction



DN		Referencia Part n°	€
1/4"		243000404	2,18
5/16"		243000505	2,68
5/16" -- 3/8"	NEW	243000506	2,50
3/8"		243000606	2,51
1/2"		243000808	3,02
3/4"		243001212	9,92
1"		243001616	16,02

### Stecko male connections

Machos Stecko

Außengewinde STECKO

Mâle fixe Stecko



DN	STECKO	Referencia Part n°	€
1/4"	1/4"	241900404	2,66
3/8"	3/8"	241900606	4,20
1/2"	1/2"	241900808	8,09
3/4"	3/4"	241901212	8,57



## STANDARD SERIES FITTINGS

Conexiones Serie Standard

Armaturen Standardserie

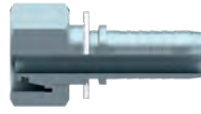
Embouts série Standard

### Metric swivel female 24° cone with o'ring

Hembras giratorias Métricas cono 24° con junta tórica

Dichtkopf mit Ü-Mutter kon. 24° DKO

Femelle tournante droite Métrique cône 24° + o'ring



### Metric swivel female 24° cone with o'ring (90° Elbow)

Hembras giratorias 90° Métricas cono 24° con junta tórica

Dichtkegel mit Ü-Mutter kon. 24° DKO 90°

Coude 90° femelle tournante Métrique cône 24° + o'ring



DN	TUBO PIPE	ROSCA THREAD	SERIE SERIES	Referencia Part n°	€
3/16"	6	12X1,5	L	24804120603	2,02
1/4"	6	12X1,5	L	24804120604	1,83
1/4"	8	14X1,5	L	24804140804	1,67
5/16"	8	14x1.5	L	24804140805	2,12
3/8"	8	14x1.5	L	24804140806	2,38
1/4"	10	16X1,5	L	24804161004	2,05
5/16"	10	16X1,5	L	24804161005	2,11
3/8"	10	16X1,5	L	24804161006	2,34
1/4"	12	18X1,5	L	24804181204	2,45
5/16"	12	18X1,5	L	24804181205	2,33
3/8"	12	18X1,5	L	24804181206	2,20
1/2"	12	18x1.5	L	24804181208	3,10
1/4"	15	22x1.5	L	24804221504	3,72
5/16"	15	22x1.5	L	24804221505	3,72
3/8"	15	22X1,5	L	24804221506	3,63
1/2"	15	22X1,5	L	24804221508	2,97
3/8"	18	26x1.5	L	24804261806	4,99
1/2"	18	26X1,5	L	24804261808	4,78
5/8"	18	26X1,5	L	24804261810	3,87
3/4"	18	26x1.5	L	24804261812	5,10
1/2"	22	30x2	L	24804302208	6,29
5/8"	22	30x2	L	24804302210	9,10
3/4"	22	30X2	L	24804302212	6,06
3/4"	28	36x2	L	24804362812	8,45
1"	28	36X2	L	24804362816	11,85
1"	35	45x2	L	24804453516	14,66
1"1/4	35	45X2	L	24804453520	17,29
1"1/4	42	52X2	L	24804524220	22,87
1"1/2	42	52X2	L	24804524224	25,14
2"	42	52x2	L	24804524232	27,09
1/4"	6	14x1.5	S	24804140604	2,04
3/16"	8	16X1,5	S	24804160803	2,75
1/4"	8	16X1,5	S	24804160804	2,35
5/16"	8	16x1.5	S	24804160805	2,38
3/8"	8	16x1.5	S	24804160806	2,57
1/4"	10	18X1,5	S	24804181004	2,60
5/16"	10	18x1.5	S	24804181005	2,56
3/8"	10	18X1,5	S	24804181006	2,94
1/4"	12	20x1,5	S	24804201204	2,94
5/16"	12	20X1,5	S	24804201205	2,33
3/8"	12	20X1,5	S	24804201206	2,38
1/2"	12	20X1,5	S	24804201208	3,46
5/16"	14	22x1.5	S	24804221405	3,70
3/8"	14	22X1,5	S	24804221406	3,43
1/2"	14	22x1,5	S	24804221408	3,21
1/4"	16	24x1,5	S	24804241604	3,70
5/16"	16	24x1.5	S	24804241605	4,43
3/8"	16	24x1.5	S	24804241606	3,93
1/2"	16	24X1,5	S	24804241608	3,97
5/8"	16	24x1.5	S	24804241610	4,04
3/8"	20	30x2	S	24804302006	6,33
1/2"	20	30x2	S	24804302008	5,23
5/8"	20	30X2	S	24804302010	4,99
3/4"	20	30X2	S	24804302012	6,64
1/2"	25	36x2	S	24804362508	11,50
5/8"	25	36x2	S	24804362510	9,13
3/4"	25	36X2	S	24804362512	11,13
1"	25	36X2	S	24804362516	13,82
5/8"	30	42x2	S	24804423010	10,46
3/4"	30	42x2	S	24804423012	10,69
1"	30	42X2	S	24804423016	16,29
1"1/4	38	52x2	S	24804523820	23,61

DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
3/16"	6	L	12x1,5	24305120603	2,71
1/4"	6	L	12x1,5	24305120604	3,05
1/4"	8	L	14x1,5	24305140804	3,15
5/16"	8	L	14x1,5	24305140805	3,77
1/4"	10	L	16x1,5	24305161004	3,32
5/16"	10	L	16x1,5	24305161005	3,42
3/8"	10	L	16x1,5	24305161006	3,68
1/4"	12	L	18x1,5	24305181204	5,56
5/16"	12	L	18x1,5	24305181205	4,13
3/8"	12	L	18x1,5	24305181206	3,65
1/2"	12	L	18x1,5	24305181208	5,24
3/8"	15	L	22x1,5	24305221506	6,00
1/2"	15	L	22x1,5	24305221508	5,04
1/2"	18	L	26x1,5	24305261808	7,87
5/8"	18	L	26x1,5	24305261810	8,42
5/8"	22	L	30x2	24305302210	13,78
3/4"	22	L	30x2	24305302212	11,17
3/4"	28	L	36x2	24305362812	11,93
1"	28	L	36x2	24305362816	19,11
1"1/4	35	L	45x2	24305453520	32,62
1"1/2	42	L	52x2	24305524224	56,93
3/16"	6	S	14x1,5	24305140603	3,49
1/4"	8	S	16x1,5	24305160804	3,23
5/16"	8	S	16x1,5	24305160805	3,77
1/4"	10	S	18x1,5	24305181004	3,30
5/16"	10	S	18x1,5	24305181005	4,54
3/8"	10	S	18x1,5	24305181006	5,68
1/4"	12	S	20x1,5	24305201204	5,18
5/16"	12	S	20x1,5	24305201205	4,48
3/8"	12	S	20x1,5	24305201206	3,41
1/2"	12	S	20x1,5	24305201208	4,84
3/8"	14	S	22x1,5	24305221406	5,36
3/8"	16	S	24x1,5	24305241606	4,94
1/2"	16	S	24x1,5	24305241608	5,54
5/8"	20	S	30x2	24305302010	9,87
3/4"	20	S	30x2	24305302012	12,95
3/4"	25	S	36x2	24305362512	16,50
1"	25	S	36x2	24305362516	21,44
5/8"	30	S	42x2	24305423010	12,43
3/4"	30	S	42x2	24305423012	13,05
1"	30	S	42x2	24305423016	25,58
1"1/4	38	S	52x2	24305523820	45,02

## STANDARD SERIES FITTINGS

Conexiones Serie Standard

Armaturen Standardserie

Embouts série Standard

### Metric swivel female 24° cone with o'ring (45° Elbow)

Hembras giratorias 45° Métricas cono 24° con junta tórica

Dichtkegel mit Ü-Mutter kon. 24° DKO 45°

Coude 45° femelle tournante Métrique cône 24°+ o'ring



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
3/16"	6	L	12x1,5	24306120603	3,74
1/4"	6	L	12x1,5	24306120604	3,08
1/4"	8	L	14x1,5	24306140804	3,18
5/16"	8	L	14x1,5	24306140805	3,87
1/4"	10	L	16x1,5	24306161004	3,49
5/16"	10	L	16x1,5	24306161005	3,43
3/8"	10	L	16x1,5	24306161006	3,74
1/4"	12	L	18x1,5	24306181204	4,34
5/16"	12	L	18x1,5	24306181205	4,58
3/8"	12	L	18x1,5	24306181206	3,32
1/2"	12	L	18x1,5	24306181208	5,38
3/8"	15	L	22x1,5	24306221506	6,23
1/2"	15	L	22x1,5	24306221508	5,95
1/2"	18	L	26x1,5	24306261808	8,07
5/8"	18	L	26x1,5	24306261810	8,76
5/8"	22	L	30x2	24306302210	9,56
3/4"	22	L	30x2	24306302212	12,66
3/4"	28	L	36x2	24306362812	12,24
1"	28	L	36x2	24306362816	19,87
1"1/4	35	L	45x2	24306453520	34,57
1"1/2	42	L	52x2	24306524224	53,18
3/16"	6	S	14x1,5	24306140603	4,48
1/4"	6	S	14x1,5	24306140604	3,82
1/4"	8	S	16x1,5	24306160804	4,11
5/16"	8	S	16x1,5	24306160805	3,87
1/4"	10	S	18x1,5	24306181004	4,88
5/16"	10	S	18x1,5	24306181005	4,07
3/8"	10	S	18x1,5	24306181006	4,07
1/4"	12	S	20x1,5	24306201204	4,71
5/16"	12	S	20x1,5	24306201205	5,52
3/8"	12	S	20x1,5	24306201206	5,39
1/2"	12	S	20x1,5	24306201208	5,31
3/8"	14	S	22x1,5	24306221406	6,33
3/8"	16	S	24x1,5	24306241606	5,58
1/2"	16	S	24x1,5	24306241608	6,22
5/8"	20	S	30x2	24306302010	11,12
3/4"	20	S	30x2	24306302012	12,89
3/4"	25	S	36x2	24306362512	16,31
1"	25	S	36x2	24306362516	20,22
3/4"	30	S	42x2	24306423012	13,38
1"	30	S	42x2	24306423016	25,04
1"1/4	38	S	52x2	24306523820	47,00

### Male stud Metric thread 24° cone

Machos fijos Métricos cono 24°

Außengewinde metr. kon. 24°

Mâle fixe Métrique cône 24°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
3/16"	6	L	12x1,5	24203120603	1,61
1/4"	6	L	12x1,5	24203120604	1,81
1/4"	8	L	14x1,5	24203140804	1,85
1/4"	10	L	16x1,5	24203161004	2,41
5/16"	10	L	16x1,5	24203161005	1,86
3/8"	10	L	16x1,5	24203161006	1,96
1/4"	12	L	18x1,5	24203181204	2,19
5/16"	12	L	18x1,5	24203181205	2,48
3/8"	12	L	18x1,5	24203181206	1,80
3/8"	15	L	22x1,5	24203221506	3,27
1/2"	15	L	22x1,5	24203221508	3,13
1/2"	18	L	26x1,5	24203261808	4,15
5/8"	18	L	26x1,5	24203261810	3,42
3/4"	22	L	30x2	24203302212	5,68
1"	28	L	36x2	24203362816	11,76
1"1/4	35	L	45x2	24203453520	18,05
1"1/2	42	L	52x2	24203524224	27,04
1/4"	8	S	16x1,5	24203160804	2,17
1/4"	10	S	18x1,5	24203181004	2,75
5/16"	10	S	18x1,5	24203181005	2,57
3/8"	10	S	18x1,5	24203181006	2,71
5/16"	12	S	20x1,5	24203201205	2,68
3/8"	12	S	20x1,5	24203201206	2,77
3/8"	14	S	22x1,5	24203221406	3,30
1/2"	16	S	24x1,5	24203241608	3,74
5/8"	20	S	30x2	24203302010	5,70
3/4"	20	S	30x2	24203302012	6,62
3/4"	25	S	36x2	24203362512	11,15
1"	25	S	36x2	24203362516	12,00
1"	30	S	42x2	24203423016	16,91
1"1/4	38	S	52x2	24203523820	25,46

**STANDARD SERIES FITTINGS**

Conexiones Serie Standard

Armaturen Standardserie

Embouts série Standard

**Banjo metric**

Orientable Métrico Recto

Metr. Ringauge

Banjo droit Métrique



DN	Ø	Referencia Part n°	€
3/16"	M10x1	241161003	2,73
1/4"	M10x1	241161004	2,72
5/16"	M10x1	241161005	2,91
1/8"	M12x1	241161202*	11,96
3/16"	M12x1.5	241161203	2,56
1/4"	M12x1.5	241161204	2,81
1/4"	M14x1.5	241161404	3,26
5/16"	M14x1.5	241161405	3,74
3/8"	M14x1.5	241161406	3,42
5/16"	M16x1.5	241161605	3,47
3/8"	M16x1.5	241161606	3,32
3/8"	M18x1.5	241161806	4,47
1/2"	M18x1.5	241161808	4,47
1/2"	M22x1.5	241162208	6,86
5/8"	M22x1.5	241162210	5,92
3/4"	M30x2	241163012	11,36

\*Until end of stock / \*Hasta fin de existencias / \*Bis zum Ende des Lagerbestandes / \*Jusqu'à la fin du stock

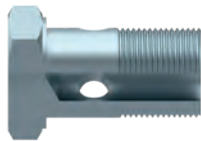
\*Until end of stock. / \*Hasta fin de existencias. / \*Bis zum Ende des Lagerbestandes. / \*Jusqu'à la fin du stock.

**Metric bolt for Banjo**

Tornillo orientable simple rosca Métrica

Einfache Hohlschraube metr. für Ringauge

Vis creuse simple pour banjo filetage métrique



ROSCA THREAD	Referencia Part n°	€
M8x1	S109208	1,07
M10x1	S109210	1,07
M12x1.5	S109212	1,22
M14x1.5	S109214	1,27
M16x1.5	S109216	1,56
M18x1.5	S109218	2,10
M22x1.5	S109222	2,91
M26x1.5	S109226	4,79
M30x1.5	S109230	10,34

\*See prices in p.302 (BSP ADAPTORS) / \*Ver precios en p.302 (ADAPTADORES BSP) / \*Vgl. Sie die Preise auf S. 302 (BSP-ADAPTER) / \*Prix à la p.302 (ADAPTEURS BSP)

**Metric standpipe**

Espiga lisa recta Métrica

Metr. Stutzen glatt

Embout lisse droit Métrique



DN	TUBO PIPE	Referencia Part n°	€
1/8"	6	241580602 L	2,37
3/16"	6	241580603 L	1,14
1/4"	6	241580604 L	1,57
3/16"	8	241580803 L	1,56
1/4"	8	241580804 L	1,24
5/16"	8	241580805 L	4,40
5/16"	10	241581005 L	1,90
3/8"	10	241581006 L	1,52
3/8"	12	241581206 L	1,61
1/2"	12	241581208 L	6,02
3/8"	15	241581506 L	2,13
1/2"	15	241581508 L	2,30
1/2"	18	241581808 L	2,31
5/8"	18	241581810 L	4,00
3/4"	22	241582212 L	4,81
1"	28	241582816 L	8,50
1"1/4	35	241583520 L	16,23
1"1/2	42	241584224 L	16,85
1/4"	10	241581004 S	1,22
1/4"	12	241581204 S	2,09
5/16"	12	241581205 S	1,89
3/8"	14	241581406 S	2,59
1/2"	14	241581408 S	3,26
1/2"	16	241581608 S	3,05
3/4"	20	241582012 S	5,48
1"	25	241582516 S	10,25
1"	30	241583016 S	9,49

## STANDARD SERIES FITTINGS

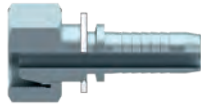
Conexiones Serie Standard  
Armaturen Standardserie  
Embouts série Standard

### Female metric swivel 24°/60° cone

Hembras giratorias Métricas cono 24°/60°

Dichtkopf metr. mit Ü-Mutter kon. 24°/60°

Femelle tournante Métrique cône 24°-60°



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
1/4"	8L	M14X1.5	244049511	1,99
1/4"	10L	M16X1.5	244049520	2,40
5/16"	10L	M16X1.5	244049523	2,34
3/8"	10L	M16X1.5	244049524	2,88
5/16"	12L	M18X1.5	244049525	2,74
3/8"	12L	M18X1.5	244049535	2,75
3/8"	15L	M22X1.5	244049552	4,35
1/2"	15L	M22X1.5	244049555	4,56
5/8"	18L	M26X1.5	244049571	5,96

### Female metric swivel 24°/60° cone (90° Elbow)

Hembras giratorias 90° Métricas cono 24°/60°

Dichtkopf metr. mit Ü-Mutter 24° kon. 90°

Femelle tournante coude 90° Métrique cône 24°-60°



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
1/4"	8L	M14X1.5	244059511	2,52
1/4"	10L	M16X1.5	244059520	2,91
5/16"	10L	M16X1.5	244059523	2,73
3/8"	10L	M16X1.5	244059524	3,64
5/16"	12L	M18X1.5	244059525	3,17
3/8"	12L	M18X1.5	244059535	3,17
3/8"	15L	M22X1.5	244059552	5,36
1/2"	15L	M22X1.5	244059555	5,72
5/8"	18L	M26X1.5	244059571	8,24

### Female metric swivel 24°/60° cone (45° Elbow)

Hembras giratorias 45° Métricas cono 24°/60°

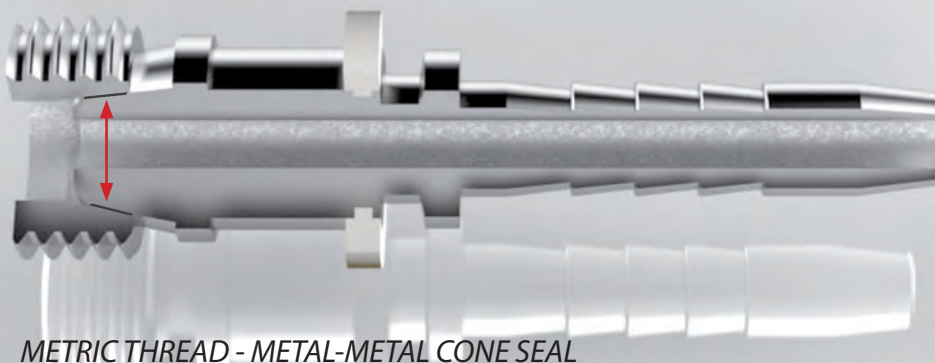
Dichtkopf metr. mit Ü-Mutter kon. 24° DKO 45°

Femelle tournante coude 45° Métrique cône 24°-60°



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
1/4"	8L	M14X1.5	244069511	3,90
5/16"	10L	M16X1.5	244069523	4,15
3/8"	10L	M16X1.5	244069524	4,88
5/16"	12L	M18X1.5	244069525	4,88
3/8"	12L	M18X1.5	244069535	3,39
1/2"	15L	M22X1.5	244069555	7,00
5/8"	18L	M26X1.5	244069571	10,40

## ROSCA MÉTRICA - ESTANQUEIDAD CONO METAL-METAL



METRIC THREAD - METAL-METAL CONE SEAL

## STANDARD SERIES FITTINGS

Conexiones Serie Standard

Armaturen Standardserie

Embouts série Standard

### NPT male thread

Macho rosca cónica NPT

Außengewinde kon. NPT 60°

Mâle fixe gaz conique NPT



DN	ROSCA THREAD	Referencia Part n°	€
3/16"	1/8" NPT	241610203	1,58
1/4"	1/8" NPT	241610204	1,97
3/16"	1/4" NPT	241610403	2,15
1/4"	1/4" NPT	241610404	2,11
5/16"	1/4" NPT	241610405	2,93
3/8"	1/4" NPT	241610406	2,93
1/4"	3/8" NPT	241610604	2,82
5/16"	3/8" NPT	241610605	2,98
3/8"	3/8" NPT	241610606	2,61
1/2"	3/8" NPT	241610608	3,55
3/8"	1/2" NPT	241610806	3,43
1/2"	1/2" NPT	241610808	2,67
5/8"	1/2" NPT	241610810	5,07
1/2"	3/4" NPT	241611208	6,72
5/8"	3/4" NPT	241611210	5,65
3/4"	3/4" NPT	241611212	5,64
1"	3/4" NPT	241611216	9,72
3/4"	1" NPT	241611612	10,06
1"	1" NPT	241611616	9,89
1"	1"1/4 NPT	241612016	20,01
1"1/4"	1"1/4 NPT	241612020	19,93
1"1/4"	1"1/2 NPT	241612420	26,59
1"1/2"	1"1/2 NPT	241612424	26,59
1"1/2"	2" NPT	241613224	55,55
2"	2" NPT	241613232	46,63

### NPSM swivel female

Hembras giratorias NPSM

Dichtkopf mit Ü-Mutter NPSM

Femelle tournante NPSM



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" NPSM	242610404	2,44
3/8"	3/8" NPSM	242610606	2,97
1/2"	1/2" NPSM	242610808	3,92
3/4"	3/4" NPSM	242611212	6,16
1"	1" NPSM	242611616	10,12

### Komatsu swivel female 60° cone

Hembras giratorias rectas Komatsu cono 60°

Dichtkopf gerade Komatsu kon. 60°

Femelle tournante droite Komatsu Métrique (cône 60°)



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	M14X1.5	258049625	4,64
3/8"	M18X1.5	258049635	4,19
1/2"	M22X1.5	258049655	7,83
5/8"	M24X1.5	258049665	9,80
3/4"	M30X1.5	258049684	11,54
1"	M33X1.5	258049685	16,50
1" 1/4	M36X1.5	258049695	30,60
1" 1/2	M42X1.5	258049697	47,16

### TOYOTA swivel female

Hembras giratorias rectas TOYOTA

Dichtkopf gerade TOYOTA

Femelle tournante TOYOTA

NEW



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	251000404	3,77
3/8"	3/8" BSP	251000606	4,82
1/2"	1/2" BSP	251000808	6,47
3/4"	3/4" BSP	251001212	9,83
1"	1" BSP	251001616	17,70

## STANDARD SERIES FITTINGS

Conexiones Serie Standard  
Armaturen Standardserie  
Embouts série Standard

### Metric stud 24° cone French Series

Macho Métrico cono 24° serie francesa

Gewindezapfen 24° Franz. Serie

Mâle fixe Série Française Métrique 24°



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
1/4"	13.2	M20X1.5	245032013204	2,61
5/16"	13.2	M20X1.5	245032013205	2,51
3/8"	13.2	M20X1.5	245032013206	2,44
5/16"	16.7	M24X1.5	245032416705	3,91
3/8"	16.7	M24X1.5	245032416706	3,91
1/2"	16.7	M24X1.5	245032416708	3,92
5/8"	21.2	M30X1.5	245033021210	7,01
3/4"	21.2	M30X1.5	245033021212	6,52
3/4"	26.7	M36X1.5	245033626712	10,44
1"	33.5	M45X1.5	245034533516	16,96

### Metric stud for agricultural valve

Macho Métrico válvula agrícola

Außengewinde metr. für Ventile (Landwirtschaft)

Mâle fixe Métrique pour valve agricole



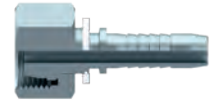
DN	ROSCA THREAD	Referencia Part n°	€
1/4"	M18X1.5	245051804	3,52
5/16"	M18X1.5	245051805	3,29
3/8"	M18X1.5	245051806	3,29

### Metric swivel female 24° cone French Series

Hembra giratoria recta Métrica cono 24° serie francesa

Dichtkopf metr. Ü-Mutter 24° franz. Serie kon.

Femelle tournante Série Française Métrique 24°



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
1/4"	13.2	M20X1.5	245042013204	2,90
5/16"	13.2	M20X1.5	245042013205	3,14
3/8"	13.2	M20X1.5	245042013206	3,08
5/16"	16.7	M24X1.5	245042416705	4,48
3/8"	16.7	M24X1.5	245042416706	4,78
1/2"	16.7	M24X1.5	245042416708	4,78
5/8"	21.2	M30X1.5	245043021210	7,31
3/4"	26.7	M36X1.5	245043626712	11,30
1"	33.5	M45X1.5	245044533516	19,14

### Metric swivel female 24° cone French Series (90° Elbow)

Hembra giratoria 90° Métrica cono 24° serie francesa

Dichtkonus 90° Bogen metr. 24°, franz. Serie kon.

Femelle tournante coude 90° Série Française Métrique 24°



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
5/16"	13.2	M20X1.5	245052013205	5,70
3/8"	13.2	M20X1.5	245052013206	6,19
1/2"	16.7	M24X1.5	245052416708	7,86
5/8"	21.2	M30X1.5	245053021210	15,51
3/4"	26.7	M36X1.5	245053626712	23,21

## STANDARD SERIES FITTINGS

Conexiones Serie Standard

Armaturen Standardserie

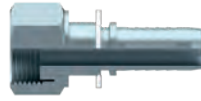
Embouts série Standard

### ORFS Swivel female straight flat seat

Hembra giratoria recta ORFS asiento plano

Dichtkopf mit Ü-Mutter gerade ORFS flachdichtend

Femelle tournante -ORFS fond plat



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	9/16" 18h UNF	449000404	2,36
1/4"	11/16" 16h UNF	449000604	2,36
5/16"	11/16" 16h UNF	449000605	3,13
3/8"	11/16" 16h UNF	449000606	2,96
3/8"	13/16" 16h UNF	449000806	2,79
1/2"	13/16" 16h UNF	449000808	3,33
1/2"	1" 14h UNF	449001008	5,79
5/8"	1" 14h UNF	449001010	6,68
1/2"	1" 3/16 12h UNF	449001208	8,96
3/4"	1" 3/16 12h UNF	449001212	8,48
3/4"	1" 7/16 12h UNF	449001612	12,97
1"	1" 7/16 12h UNF	449001616	9,56
1"1/4	1"11/16 12h UNF	449002020	24,29
1"1/2	2" 12h UNF	449002424	41,62

### ORFS Swivel female flat seat (90° Elbow)

Hembra giratoria 90° ORFS asiento plano

Dichtkopf mit Ü-Mutter ORFS 90° flachdichtend

Femelle tournante coude 90° -ORFS fond plat



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	9/16" 18h UNF	449070404	3,62
1/4"	11/16" 16h UNF	449070604	5,18
5/16"	11/16" 16h UNF	449070605	5,18
3/8"	11/16" 16h UNF	449070606	4,64
3/8"	13/16" 16h UNF	449070806	6,97
1/2"	13/16" 16h UNF	449070808	5,86
1/2"	1" 14h UNF	449071008	9,67
5/8"	1" 14h UNF	449071010	9,73
1/2"	1" 3/16-12h UNF	449071208	15,19
3/4"	1" 3/16 12h UNF	449071212	13,67
3/4"	1" 7/16 12h UNF	449071612	23,07
1"	1" 7/16 12h UNF	449071616	23,91
1"1/4	1"11/16 12h UNF	449072020	41,82
1"1/2	2" 12h UNF	449072424	60,57

### ORFS Male flat seat + o-ring

Machos ORFS asiento plano con junta tórica

Außengewinde ORFS flachdichtend mit O-Ring

Mâle fixe -ORFS fond plat + o-ring



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	9/16" 18h UNF	449120404	2,18
1/4"	11/16" 16h UNF	449120604	3,06
5/16"	11/16" 16h UNF	449120605	2,78
3/8"	11/16" 16h UNF	449120606	3,10
3/8"	13/16" 16h UNF	449120806	4,13
1/2"	13/16" 16h UNF	449120808	4,13
1/2"	1" 14h UNF	449121008	5,06
5/8"	1" 14h UNF	449121010	5,36
1/2"	1" 3/16 12h UNF	449121208	8,71
3/4"	1" 3/16 12h UNF	449121212	7,36
3/4"	1" 7/16 12h UNF	449121612	14,41
1"	1" 7/16 12h UNF	449121616	14,41
1"1/4	1"11/16-12h UNF	449122020	24,29

### ORFS Swivel female (45° Elbow) flat seat

Hembra giratoria 45° ORFS asiento plano

Dichtkopf mit Ü-Mutter ORFS 45° flachdichtend

Femelle tournante coude 45° -ORFS fond plat



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	9/16" 18h UNF	449080404	3,48
1/4"	11/16" 16h UNF	449080604	4,71
5/16"	11/16" 16h UNF	449080605	4,71
3/8"	11/16" 16h UNF	449080606	4,99
3/8"	13/16" 16h UNF	449080806	6,40
1/2"	13/16" 16h UNF	449080808	6,40
1/2"	1" 14h UNF	449081008	10,60
5/8"	1" 14h UNF	449081010	10,65
1/2"	1" 3/16 12h UNF	449081208	15,19
3/4"	1" 3/16 12h UNF	449081212	15,96
3/4"	1" 7/16 12h UNF	449081612	23,91
1"	1" 7/16 12h UNF	449081616	27,57
1"1/4	1"11/16 12h UNF	449082020	39,26
1"1/2	2" 12h UNF	449082424	60,57

### O-rings for ORFS

Juntas tóricas para ORFS

O-Ringe für ORFS

O-rings pour ORFS



Ø INT. Ø INNER	Espesor (mm) Thickness (mm)	Referencia Part n°	€
7,65	1,78	7.65X1.78	0,08
9,25	1,78	9.25X1.78	0,10
12,42	1,78	12.42X1.78	0,11
15,60	1,78	15.60X1.78	0,14
18,77	1,78	18.77X1.78	0,17
23,52	1,78	23.52X1.78	0,22
29,87	1,78	29.87X1.78	0,28
37,82	1,78	37.82X1.78	0,37

## STANDARD SERIES FITTINGS

Conexiones Serie Standard  
Armaturen Standardserie  
Emboutis série Standard

### 3000 PSI SAE Straight Flange / Code 61

Brida recta SAE 3000 PSI

Gerader Flansch SAE 3000 PSI

Bride SAE droite série 3000 PSI



DN	Ø	Referencia Part n°	€
1/2"	30.2	241820808	7,93
1/2"	38.1	241821208	11,90
5/8"	38.1	241821210	13,48
3/4"	38.1	241821212	11,76
3/4"	44.5	241821612	21,36
1"	44.5	241821616	19,16
1"	50.8	241822016	27,38
1"1/4	50.8	241822020	23,53
1"1/4	60.3	241822420	41,06
1"1/2	60.3	241822424	41,06
1"1/2	71.4	241823224	82,10
2"	71.4	241823232	63,16
2" 1/2	84.1	NEW 241824040	149,87
3"	101.6	NEW 241824848	231,51

### 6000 PSI SAE Straight Flange / Code 62

Brida recta SAE 6000 PSI

Gerader Flansch SAE 6000 PSI

Bride SAE droite série 6000 PSI



DN	Ø	Referencia Part n°	€
1/2"	31.8	242820808	9,82
1/2"	41.3	242821208	13,48
5/8"	41.3	242821210	14,04
3/4"	41.3	242821212	14,74
3/4"	47.6	242821612	20,76
1"	47.6	242821616	22,53
1"	54	242822016	28,27
1"1/4	54	242822020	33,81
1"1/4	63.5	242822420	46,54
1"1/2	63.5	242822424	49,27
1"1/2	79.4	242823224	89,27
2"	79.4	242823232	74,83

### 3000 PSI SAE Flange (90° Elbow) / Code 61

Brida a 90° SAE 3000 PSI

Flansch 90° SAE 3000 PSI

Bride SAE coude 90° série 3000 PSI



DN	Ø	Referencia Part n°	€
1/2"	30.2	241830808	11,06
1/2"	38.1	241831208	14,83
5/8"	38.1	241831210	15,20
3/4"	38.1	241831212	14,87
3/4"	44.5	241831612	22,28
1"	44.5	241831616	22,86
1"	50.8	241832016	32,80
1"1/4	50.8	241832020	34,26
1"1/4	60.3	241832420	49,28
1"1/2	60.3	241832424	49,99
1"1/2	71.4	241833224	88,70
2"	71.4	241833232	92,99

### 6000 PSI SAE Flange (90° Elbow) / Code 62

Brida a 90° SAE 6000 PSI

Flansch 90° SAE 6000 PSI

Bride SAE coude 90° série 6000 PSI



DN	Ø	Referencia Part n°	€
1/2"	31.8	242830808	11,07
1/2"	41.3	242831208	16,95
5/8"	41.3	242831210	16,38
3/4"	41.3	242831212	15,46
3/4"	47.6	242831612	24,21
1"	47.6	242831616	24,79
1"	54	242832016	35,35
1"1/4	54	242832020	36,44
1"1/4	63.5	242832420	52,83
1"1/2	63.5	242832424	53,86
1"1/2	79.4	242833224	94,62

### 3000 PSI SAE Flange (45° Elbow) / Code 61

Brida a 45° SAE 3000 PSI

Flansch 45° SAE 3000 PSI

Bride SAE coude 45° série 3000 PSI



DN	Ø	Referencia Part n°	€
1/2"	30.2	241840808	9,73
1/2"	38.1	241841208	14,83
5/8"	38.1	241841210	15,20
3/4"	38.1	241841212	14,87
3/4"	44.5	241841612	22,67
1"	44.5	241841616	23,27
1"	50.8	241842016	33,37
1"1/4	50.8	241842020	34,26
1"1/4	60.3	241842420	49,28
1"1/2	60.3	241842424	49,99
1"1/2	71.4	241843224	95,58
2"	71.4	241843232	92,99

### 6000 PSI SAE Flange (45° Elbow) / Code 62

Brida a 45° SAE 6000 PSI

Flansch 45° SAE 6000 PSI

Bride SAE coude 45° série 6000 PSI



DN	Ø	Referencia Part n°	€
1/2"	31.8	242840808	11,93
1/2"	41.3	242841208	16,95
5/8"	41.3	242841210	16,38
3/4"	41.3	242841212	15,46
3/4"	47.6	242841612	24,64
1"	47.6	242841616	24,79
1"	54	242842016	35,35
1"1/4	54	242842020	36,44
1"1/4	63.5	242842420	52,83
1"1/2	63.5	242842424	54,81
1"1/2	79.4	242843224	94,62
2"	79.4	242843232	96,59



## STANDARD SERIES FITTINGS

Conexiones Serie Standard

Armaturen Standardserie

Embouts série Standard

### 9000 PSI straight Flange (14,3)

Brida recta 9000 PSI (14,3)

Gerader Flansch SAE 9000 PSI (14,3)

Bride tournante droite série 9000 PSI (14,3)



DN	∅	Referencia Part n°	€
1/2"	41,3	442821212	16,44
3/4"	47,6	442821612	26,62
1"	47,6	442821616	25,25
1"	54	442822016	33,28
1" 1/4	54	442822020	32,70
1" 1/2	63,5	442822424	58,00

### 9000 PSI 90° Flange (14,3)

Brida a 90° 9000 PSI (14,3)

Flansch 90° SAE 9000 PSI (14,3)

Bride tournante coude 90° série 9000 PSI (14,3)



DN	∅	Referencia Part n°	€
3/4"	41,3	442831212	20,82
3/4"	47,6	442831612	33,28
1"	47,6	442831616	33,28
1"	54	442832016	46,18
1" 1/4	54	442832020	46,18
1" 1/2	63,5	442832424	58,00

### 9000 PSI 45° Flange (14,3)

Brida a 45° 9000 PSI (14,3)

Flansch 45° SAE 9000 PSI (14,3)

Bride tournante coude 45° série 9000 PSI (14,3)



DN	∅	Referencia Part n°	€
3/4"	41,3	442841212	21,19
3/4"	47,6	442841612	33,28
1"	47,6	442841616	33,28
1"	54	442842016	46,18
1" 1/4	54	442842020	46,18
1" 1/2	63,5	442842424	58,00

## STANDARD SERIES FITTINGS

Conexiones Serie Standard

Armaturen Standardserie

Embouts série Standard

### 3000/6000 PSI SAE Split flanges

Bridas SAE partidas (semibridas) 3000/6000 PSI

SAE-Halbflansche 3000/6000 PSI

Demi-brides rectangulaires de fixation SAE  
3000/6000 PSI



SERIE SERIES	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	1/2"	BBP308	5,61
3000 PSI	3/4"	BBP312	6,36
3000 PSI	1"	BBP316	6,97
3000 PSI	1"1/4	BBP320	8,07
3000 PSI	1"1/2	BBP324	10,20
3000 PSI	2"	BBP332	13,26
3000 PSI	2"1/2	BBP340	27,19
3000 PSI	3"	BBP348	51,35
3000 PSI	3"1/2	BBP356	58,71
3000 PSI	4"	BBP364	64,32
6000 PSI	1/2"	BBP608	6,08
6000 PSI	3/4"	BBP612	8,76
6000 PSI	1"	BBP616	13,60
6000 PSI	1"1/4	BBP620	19,15
6000 PSI	1"1/2	BBP624	28,48
6000 PSI	2"	BBP632	43,57

€/pair / €/par / €para / €/paire

### 3000/6000 PSI SAE Flanges

Bridas SAE enteras (monoblock) 3000/6000 PSI

SAE-Vollflansche 3000/6000 PSI

Brides monobloc rectangulaires de fixation SAE  
3000/6000 PSI



SERIE SERIES	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	1/2"	BBE308	5,61
3000 PSI	3/4"	BBE312	8,51
3000 PSI	1"	BBE316	7,22
3000 PSI	1"1/4	BBE320	8,88
3000 PSI	1"1/2	BBE324	10,57
3000 PSI	2"	BBE332	13,74
3000 PSI	2"1/2	BBE340	28,86
3000 PSI	3"	BBE348	42,91
3000 PSI	3"1/2	BBE356	58,71
3000 PSI	4"	BBE364	81,00
3000 PSI	5"	BBE380	102,70
6000 PSI	1/2"	BBE608	6,96
6000 PSI	3/4"	BBE612	10,28
6000 PSI	1"	BBE616	13,39
6000 PSI	1"1/4	BBE620	19,85
6000 PSI	1"1/2	BBE624	29,43
6000 PSI	2"	BBE632	43,57

### Screws for SAE flanges

Tornillos para bridas SAE

Schrauben für SAE-Flansche

Vis pour brides SAE



ROSCA THREAD	TAMAÑO SIZE	Referencia Part n°	€
M8X30	3000-6000 PSI 1/2"	TB8X30	0,29
M10X35	3000 PSI 3/4"-1"	TB10X35	0,64
M10X40	3000 PSI 1" 1/4 - 6000 PSI 3/4"	TB10X40	0,85
M12X45	3000 PSI 1"1/2-2"-2"1/2-6000 PSI 1"	TB12X45	1,23
M14X45	6000 PSI 1"1/4	TB14X45	1,58
M16X50	3000 PSI 3"-3" 1/2-4"- 6000 PSI 1" 1/2	TB16X50	2,01
M20X70	6000 PSI 2"	TB20X70	3,90

\*See prices in p.262 / \*Ver precios en p.262 / \*Vgl. Sie die Preise auf S. 262 / \*Prix à la p.262

### O'rings for 3000/6000 PSI SAE flanges

Juntas tóricas para bridas SAE 3000/6000 PSI

O-Ringe für 3000/6000 PSI-Flansch

O'rings pour bride série 3000/6000 PSI



TAMAÑO SIZE	Ø INT. Ø INNER	Referencia Part n°	€
1/2"	18.64	18.64X3.53	0,26
3/4"	24.99	24.99X3.53	0,35
1"	32.92	32.92X3.53	0,46
1"1/4	37.70	37.70X3.53	0,54
1"1/2	47.22	47.22X3.53	0,71
2"	56.74	56.74X3.53	0,82

### Seals for 3000/6000 PSI flange

Juntas para bridas SAE 3000/6000 PSI

Dichtungen 3000/6000 PSI-Flansch

Joints pour bride série 3000/6000



TAMAÑO SIZE	Ø INT. Ø INNER	Ø EXT. Ø OUTER	Referencia Part n°	€
1/2"	17.02	25.40	JBR08	0,94
3/4"	23.36	31.72	JBR12	1,27
1"	31.24	39.62	JBR16	1,45
1"1/4	36.07	44.45	JBR20	2,00
1"1/2	45.34	53.98	JBR24	2,35
2"	54.86	63.50	JBR32	2,52

## STANDARD SERIES FITTINGS

Conexiones Serie Standard  
Armaturen Standardserie  
Embouts série Standard

### Male terminal steel hydro-wash

Macho pistola hidrolavadora

Außengewinde für Waschgeräte

Mâle fixe spécial pistolet-hydroneettoyage



DN	Referencia Part n°	€
1/4"	230400400	1,71

### Handle in black rubber

Empuñaduras de goma negras

Handgriff Gummi schwarz

Poignée hydroneettoyage de gomme noire



DN	Ø EXT. Ø OUTER	Ø INT. Ø INNER	Referencia Part n°	€
1/4"	29	15,5	230600400	1,90
5/16"	35	18	230600500	2,35
3/8"	35	21	230600600	2,14

### Handle with grey rubber

Empuñaduras de goma grises

Handgriff Gummi grau

Poignée hydroneettoyage de gomme grise



DN	Ø EXT. Ø OUTER	Ø INT. Ø INNER	Referencia Part n°	€
1/4"	29	15,5	230610400*	2,78
3/8"	35	22	230610600*	3,42

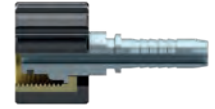
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### Swivel female hydro-wash

Terminal Karcher acero

Dichtkopf für Waschgeräte Stahl

Embout femelle tournante acier spécial hydroneettoyage



DN	ROSCA THREAD	DESCRIPCIÓN DESCRIPTION	Referencia Part n°	€
1/4"	M22X1.5	STD	230700400	6,14
5/16"	M22X1.5	STD	230700500	6,01
3/8"	M22X1.5	STD	230700600	6,06
1/4"	M22X1.5	LONG	230720400	6,14
5/16"	M22X1.5	LONG	230720500	6,07
3/8"	M22X1.5	LONG	230720600	6,07

### Handle in blue rubber

Empuñaduras de goma azules

Handgriff Gummi blau

Poignée hydroneettoyage de gomme bleue



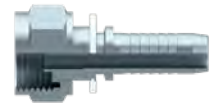
DN	Ø EXT. Ø OUTER	Ø INT. Ø INNER	Referencia Part n°	€
1/4"	29	15,5	230620400	2,90
5/16"	35	18	230620500	3,59
3/8"	35	21	230620600	3,18

### Swivel female CO2 fitting W21.8

Hembras giratorias racor CO2 W21.8

Drehbare CO2-Verschraubung W21.8

Raccord CO2 femelle tournante W21.8



DN	ROSCA THREAD	Referencia Part n°	€
3/8"	W 21,8 14h	2470421806	3,46
1/2"	W 21,8 14h	2470421808	3,46



## REUSABLE SERIES FITTINGS

Conexiones Serie Reusables  
Serie Wiederverwendbare Armaturen  
Embouts Récuperables

### Ferrules R1AT/1SN

Casquillos R1AT

Pressfassungen R1AT/1SN

Jupes à visser R1AT/1SN



DN	Referencia Part n°	€
1/4"	A1G-4 R1T	6,37
3/8"	A1G-6 R1T	7,05
1/2"	A1G-8 R1T	10,72
3/4"	A1G-12 R1T	16,93
1"	A1G-16 R1T	27,76

### Ferrules R2AT/2SN

Casquillos R2AT

Pressfassungen R2AT/2SN

Jupes à visser R2AT/2SN



DN	Referencia Part n°	€
1/4"	A1G-4 R2T	5,96
3/8"	A1G-6 R2T	6,64
1/2"	A1G-8 R2T	8,98
5/8"	A1G-10 R2T	6,64
3/4"	A1G-12 R2T	9,30
1"	A1G-16 R2T	17,42

### BSP Swivel female 60° cone

Hembras giratorias rectas BSP cono 60°

Dichtkopf mit BSP Ü-Mutter 60°

Femelle tournante gaz cyl BSP 60°



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	A3G-4	4,49
5/16"	3/8" BSP	A3G-6-5	5,54
3/8"	3/8" BSP	A3G-6	5,83
1/2"	1/2" BSP	A3G-8	9,10
3/4"	3/4" BSP	A3G-12	10,25
1"	1" BSP	A3G-16	20,69

### BSP Swept 90° elbow 60° cone

Hembras giratorias 90° BSP cono 60°

Dichtkopf mit BSP Ü-Mutter 60° kon. 90°

Femelle tournante coude 90° gaz cyl BSP 60°



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	A90G-4	6,54
3/8"	3/8" BSP	A90G-6	8,18
1/2"	1/2" BSP	A90G-8	12,20
1/2"	3/4" BSP	A90G-12-8*	15,98
3/4"	3/4" BSP	A90G-12	19,70
1"	1" BSP	A90G-16	36,46

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### BSP Male parallel 60° cone

Machos rosca cilíndrica BSP cono 60°

Außengewinde BSP NORM AGR

Mâle gaz cyl BSP 60°



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	A2G-4	3,61
3/8"	3/8" BSP	A2G-6	5,28
1/2"	1/2" BSP	A2G-8	7,11
3/4"	3/4" BSP	A2G-12	9,71
1"	1" BSP	A2G-16	17,84

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

### Metric Standpipe

Espigas lisas Métricas

Metr. Stutzen glatt

Embout lisse Métrique



DN	TUBO PIPE	Referencia Part n°	€
1/4"	6	AE 6-4	4,40
1/4"	8	AE 8-4	2,55
1/4"	10	AE 10-4	2,79
3/8"	10	AE 10-6	3,82
3/8"	12	AE 12-6	3,82
1/2"	15	AE 15-8	6,90
3/4"	22	AE 22-12*	26,70

### Reusable JIC 37° straight swivel female

Hembras giratorias rectas reusables rosca JIC cono 37°

Schraubarmaturen Ü-Mutter Dichtkonus JIC 37°

Femelle droite récupérable JIC 37°



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	7/16" 20h JIC	A3J-07-04	4,01
3/8"	9/16" 18h JIC	A3J-09-06	4,09
1/2"	3/4" 16h JIC	A3J-12-08	7,18
1/2"	7/8" 14h JIC	A3J-14-08	5,62
5/8"	7/8" 14h JIC	A3J-14-10	7,48
3/4"	1" 1/16 12h JIC	A3J-17-12	10,51
1"	1" 5/16 12h JIC	A3J-21-16	17,23

### Reusable JIC 37° cone male

Machos reusables rosca JIC cono 37°

Schraubarmaturen Außengewindenippel  
Dichtkonus JIC 37°

Mâle récupérables JIC cône 37°



DN	ROSCA THREAD	Referencia Part n°	€
1/2"	3/4" 16h JIC	A2J-12-08	*
3/4"	1" 1/16 12h JIC	A2J-17-12	*
1"	1" 5/16 12h JIC	A2J-21-16	*

\*Consultar / On request / Sur demande / Su richiesta

**BW FITTINGS - NO SKIVING R12 / 4SP / 4SH**

Conexiones Serie BW no pelar R12 / 4SP / 4SH  
Armaturen Serie BW R12/4SP/4SH ohne Schälung  
Embouts BW sans dénuder R12 / 4SP / 4SH

 **R13 - Ø 3/4" - 1"**

**Ferrules R12/4SP/4SH BW series**

Casquillos R12/ 4SP/ 4SH serie BW

Pressfassungen einteilige Serie BW

Jupes à sertir R12/4SP/4SH série BW



DN	Referencia Part n°	€
3/4"	AC680101200*	11,11
1"	AC680101600*	13,79
1" 1/4	AC680102000*	22,98

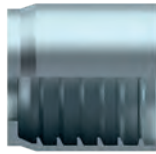
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**Ferrules R13/R15 for fittings BW/BW+ series**

Casquillos R13/R15 para serie BW/BW+

Pressfassungen R13/R15 für Armaturen Serie BW/  
BW+

Jupes R13/R15 pour embouts série BW/BW+

**NEW**

DN	Referencia Part n°	€
1"1/4	AC690102000	*
1"1/2	AC690102400	*
2"	AC690103200	*

**BSP Swivel female 60° cone with o'ring**

Hembras giratorias rectas BSP cono 60° con junta

Dichtkopf mit BSP Ü-Mutter 60° mit O-Ring

Femelle tournante gaz cyl BSP 60° avec joint



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	3/4" BSP	661101212*	6,88
1"	1" BSP	661101616*	12,48
1"1/4	1"1/4 BSP	661102020*	18,68
1"1/2	1"1/2 BSP	<b>NEW</b> 661102424	36,14
2"	2" BSP	<b>NEW</b> 661103232	57,48

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

**BSP Swivel female 60° cone with joint (90° Elbow)**

Hembras giratorias 90° BSP cono 60° con junta

Dichtkopf mit BSP Ü-Mutter 60° kon. 90° mit  
O-Ring

Coude 90° femelle tournante gaz cyl BSP 60° avec  
joint



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	3/4" BSP	661171212*	11,56
1"	1" BSP	661171616*	21,74
1"1/4	1"1/4 BSP	661172020*	34,46
1"1/2	1"1/2 BSP	<b>NEW</b> 661172424	60,90
2"	2" BSP	<b>NEW</b> 661173232	88,37

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

**BSP Swivel female 60° cone with joint (45° Elbow)**

Hembras giratorias 45° BSP cono 60° con junta

Dichtkopf mit BSP 60° Ü-Mutter kon. 45° mit  
O-Ring

Coude 45° femelle tournante gaz cyl BSP 60° avec  
joint



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	3/4" BSP	661181212*	14,02
1"	1" BSP	661181616*	27,03
1"1/4	1"1/4 BSP	661182020*	35,98
1"1/2	1"1/2 BSP	<b>NEW</b> 661182424	56,15
2"	2" BSP	<b>NEW</b> 661183232	88,37

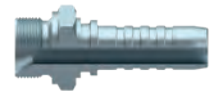
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**BSP Male 60° cone**

Macho BSP cono 60°

Außengewinde BSP kon. 60°

Mâle BSP cône 60°



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	3/4" BSP	661121212*	7,92
1"	1" BSP	661121616*	11,38
1"1/4	1"1/4 BSP	661122020*	18,68
1"1/2	1"1/2 BSP	<b>NEW</b> 661122424	40,60
2"	2" BSP	<b>NEW</b> 661123232	58,84

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

## BW FITTINGS - NO SKIVING R12 / 4SP / 4SH

Conexiones Serie BW no pelar R12 / 4SP / 4SH  
 Armaturen Serie BW R12/4SP/4SH ohne Schälung  
 Embouts BW sans dénuder R12 / 4SP / 4SH

### JIC 37° male

Macho JIC 37°

Außengewinde JIC 37°

Mâle JIC 37°



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	1"1/16 12h UNF	661401712*	7,92
1"	1"5/16 12h UNF	661402116*	12,90
1" 1/4	1"5/8 12h UNF	NEW 661402620	24,27
1"1/2	1"7/8 12 UNF	NEW 661403024	34,49
2"	2" 1/2 12 UNF	NEW 661404032	57,48

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

### JIC 37° Swivel female doble hexagonal

Hembras giratorias rectas JIC 37° doble hexagonal

Dichtkonus mit Ü-Mutter JIC 37° DKJ doppelt 6 kt

Femelle JIC 37° double hexagonale



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	1"1/16 12h UNF	662421712*	*
1"	1"5/16 12h UNF	662422116*	*
1" 1/4	1"5/8 12h UNF	NEW 662422620	*
1"1/2	1"7/8 12 UNF	NEW 662423024	*
2"	2" 1/2 12 UNF	NEW 662424032	*

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

### JIC 37° swivel female (90° Elbow)

Hembras giratorias 90° JIC 37°

Dichtkonus JIC 37° DKJ 90°

Coude 90° femelle JIC 37°



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	1"1/16 12h UNF	661381712*	14,46
1"	1"5/16 12h UNF	661382116*	25,14
1" 1/4	1"5/8 12h UNF	NEW 661382620	*
1"1/2	1"7/8 12 UNF	NEW 661383024	54,26
2"	2" 1/2 12 UNF	NEW 661384032	87,84

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

### JIC 37° swivel female (45° Elbow)

Hembras giratorias 45° JIC 37°

Dichtkonus JIC 37° DKJ 45°

Coude 45° femelle JIC 37°



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	1"1/16 12h UNF	661391712*	14,02
1"	1"5/16 12h UNF	661392116*	23,62
1" 1/4	1"5/8 12h UNF	NEW 661392620	*
1"1/2	1"7/8 12 UNF	NEW 661393024	54,26
2"	2" 1/2 12 UNF	NEW 661394032	100,93

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

### Metric swivel female 24° seat with o'ring (90° Elbow)

Hembras giratorias 90° Métricas cono 24° con junta tórica

Dichtkegel mit Ü-Mutter kon. 24° DKO 90°

Coude 90° femelle Métrique 24° avec o'ring



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	M36X2	66205362512	21,34
1"	M42X2	66205423016	23,04
1"1/4	M52X2	66205523820	43,16

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

### Metric swivel female 24° seat with o'ring (45° Elbow)

Hembras giratorias 45° Métricas cono 24° con junta tórica

Dichtkegel mit Ü-Mutter kon. 24° DKO 45°

Coude 45° femelle Métrique 24° avec o'ring



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	M36X2	66206362512*	19,64
1"	M42X2	66206423016*	24,35
1"1/4	M52X2	66206523820*	49,61

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

### Metric male stud 24° cone

Machos hijos Métricos cono 24°

Außengewinde metr. kon. 24°

Mâle Métrique cone 24°



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	M36X2	66203362512*	11,92
1"	M42X2	66203423016*	19,46

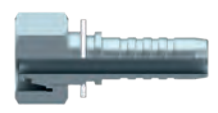
Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

### Metric swivel female 24° seat with o'ring

Hembras giratorias Métricas cono 24° con junta tórica

Dichtkopf mit Ü-Mutter kon. 24° DKO

Femelle Métrique 24° avec o'ring



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	M36X2	66204362512*	9,44
1"	M42X2	66204423016*	19,66

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

**BW FITTINGS - NO SKIVING R12 / 4SP / 4SH**

Conexiones Serie BW no pelar R12 / 4SP / 4SH  
 Armaturen Serie BW R12/4SP/4SH ohne Schälung  
 Embouts BW sans dénuder R12 / 4SP / 4SH

**3000 PSI SAE Straight flange**

Brida recta SAE 3000 PSI

Gerader Flansch SAE 3000 PSI

Bride SAE droite série 3000 PSI



DN	∅	Referencia Part n°	€
3/4"	38.1	<b>661821212*</b>	<b>11,78</b>
1"	44.5	<b>661821616*</b>	<b>18,03</b>
1"1/4	50.8	<b>661822020*</b>	<b>27,07</b>

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

**3000 PSI SAE 45° Flange**

Brida a 45° SAE 3000 PSI

Flansch 45° SAE 3000 PSI

Bride SAE coude 45° série 3000 PSI



DN	∅	Referencia Part n°	€
3/4"	38.1	<b>661841212*</b>	<b>17,75</b>
1"	44.5	<b>661841616*</b>	<b>26,66</b>
1"1/4	50.8	<b>661842020*</b>	<b>39,96</b>

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

**3000 PSI SAE 90° Flange**

Brida a 90° SAE 3000 PSI

Flansch 90° SAE 3000 PSI

Bride SAE coude 90° série 3000 PSI



DN	∅	Referencia Part n°	€
3/4"	38.1	<b>661831212*</b>	<b>17,74</b>
1"	44.5	<b>661831616*</b>	<b>22,18</b>
1"1/4	50.8	<b>661832020*</b>	<b>33,79</b>

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

## BW FITTINGS - NO SKIVING R12 / 4SP / 4SH

Conexiones Serie BW no pelar R12 / 4SP / 4SH  
 Armaturen Serie BW R12/4SP/4SH ohne Schälung  
 Embouts BW sans dénuder R12 / 4SP / 4SH

### 6000 PSI SAE Straight flange

Brida recta SAE 6000 PSI

Gerader Flansch SAE 6000 PSI

Bride SAE droite série 6000 PSI



DN	∅	Referencia Part n°	€
3/4"	41,3	662821212*	10,93
1"	47,6	662821616*	19,78
1"1/4	54	662822020*	31,18
1"1/2	63,5	NEW 662822424	44,16
2"	79,4	NEW 662823232	127,90

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

### 6000 PSI SAE 90° Flange

Brida a 90° SAE 6000 PSI

Flansch 90° SAE 6000 PSI

Bride SAE coude 90° série 6000 PSI



DN	∅	Referencia Part n°	€
3/4"	41,3	662831212*	17,70
1"	47,6	662831616*	28,00
1"1/4	54	662832020*	37,08
1"1/2	63,5	NEW 662832424	80,29
2"	79,4	NEW 662833232	186,16

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

### 6000 PSI SAE 45° flange

Brida a 45° SAE 6000 PSI

Flansch 45° SAE 6000 PSI

Bride SAE coude 45° série 6000 PSI



DN	∅	Referencia Part n°	€
3/4"	41,3	662841212*	15,46
1"	47,6	662841616*	23,27
1"1/4	54	662842020*	40,52
1"1/2	63,5	NEW 662842424	69,86
2"	79,4	NEW 662843232	150,18

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

### ORFS Swivel female straight double hexagonal

Hembra giratoria recta ORFS asiento plano doble hexagonal

Dichtkopf gerade ORFS flachdichtend doppelt 6 kt

Femelle droite ORFS double hexagonale



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	1"3/16 12h UNF	669011212*	8,43
1" 1/4	1"11/16 12h UNF	NEW 669012020	999,00
1" 1/2	2" 12h UNF	NEW 669012424	999,00

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

### ORFS Swivel female (90° Elbow)

Hembra giratoria 90° ORFS asiento plano

Dichtkopf mit Ü-Mutter ORFS 90° flachdichtend

Coude 90° femelle ORFS



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	1"3/16 12h UNF	669071212*	13,67
1"	1"7/16 12h UNF	669071616*	23,91
1" 1/4	1"11/16 12h UNF	NEW 669072020	*
1" 1/2	2" 12h UNF	NEW 669072424	*

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

### ORFS Swivel female (45° Elbow)

Hembra giratoria 45° ORFS asiento plano

Dichtkopf mit Ü-Mutter ORFS 45° flachdichtend

Coude 45° femelle ORFS



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	1"3/16 12h UNF	669081212*	15,96
1"	1"7/16 12h UNF	669081616*	27,57
	1"11/16 12h UNF	NEW 669082020	*
	2" 12h UNF	NEW 669082424	*

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

\*Consultar / On request / Sur demande / Su richiesta



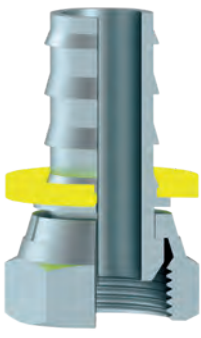
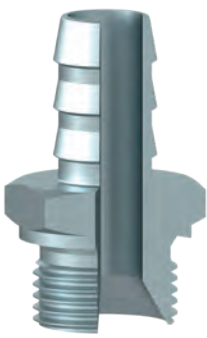

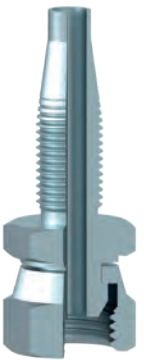






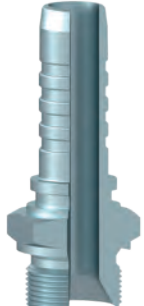

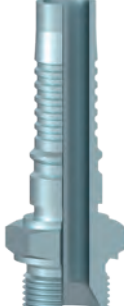

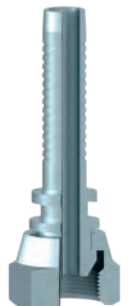
# INFINITAS SOLUCIONES PARA CONEXIONES DE MANGUERAS:

INFINITE SOLUTIONS FOR CONNECTING HOSES:

■ **Diversos diseños para cumplir las necesidades de conexión**

*Several designed connections focused on the specific different requirements*

					
PUSH-IN NEUMÁTICO	PUSH-ON NEUMÁTICO	PUSH-ON HIDRÁULICO	BAJA PRESIÓN	SOLDABLE	REUSABLE
NEUMATIC PUSH-IN	NEUMATIC PUSH-ON	HYDRAULIC PUSH-ON	LOW PRESSURE	WELDING	REUSABLE
★	★	★★	★★	★★	★★★

								
UNA SOLA PIEZA 43 (COMPACTA)	ESTÁNDAR	BWS	UNA SOLA PIEZA BW (COMPACTA)	BW NO PELAR	BW+	INTERLOCK	MICROHOSE	ALTA PRESIÓN (700BAR)
ONE PIECE 43 (COMPACT)	STANDARD	BWS	ONE PIECE BW (COMPACT)	BW NO SKIVE	BW+	INTERLOCK	MICROHOSE	HIGH PRESSURE (700BAR)
★★★★★		★★★★★	★★★★★		★★★★★		★★★★	★★★★★

## INTERLOCK SERIES FITTINGS

Conexiones Serie Interlock

Armaturen Interlock

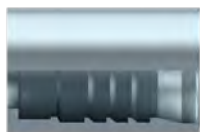
Embouts à sertir Interlock

### Ferrules DIN 20023-4SH

Casquillos 4SH

Pressfassungen 4SH

Jupe à sertir DIN 20023 4SH



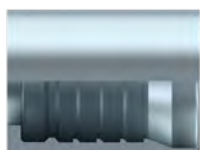
DN	MANGUERA HOSE	Referencia Part n°	€
3/4"	4SH / R13 / R15	A610101200	9,40
1"	4SH / R13 / R15	A610101600	17,34
1"1/4	4SH	A610102000	24,85
1"1/2	4SH	A610102400	58,02
2"	4SH	A610103200	57,04

### Ferrules SAE 100 R13/R15

Casquillos R13-R15

Pressfassungen R13-R15

Jupe à sertir DIN 20023 R13/R15



DN	MANGUERA HOSE	Referencia Part n°	€
1"1/4	R13/R15	610102000	29,54
1"1/2	R13/R15	610102400	42,04
2"	R13	610103200	70,56

### BSP Swivel female 60° cone + o'ring

Hembras giratorias rectas BSP cono 60° con junta

Dichtkopf mit BSP Ü-Mutter 60° mit O-Ring

Femelle tournante gaz cyl BSP 60° + o'ring



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	3/4" BSP	641001212	7,84
1"	1" BSP	641001616	14,23
1"1/2	1"1/2 BSP	641002424	41,20

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

### BSP Swivel female 60° cone + o'ring (90° Elbow)

Hembras giratorias 90° BSP cono 60° con junta

Dichtkopf mit BSP Ü-Mutter 60° kon. 90° mit O-Ring

Femelle tournante coude 90° gaz cyl BSP 60° + o'ring



DN	ROSCA THREAD	Referencia Part n°	€
1"	1" BSP	641071616	24,78
1"1/4	1"1/4 BSP	641072020	39,28
1"1/2	1"1/2 BSP	641072424	69,42
2"	2" BSP	641073232	100,74

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

### BSP Swivel female 60° cone + o'ring (45° Elbow)

Hembras giratorias 45° BSP cono 60° con junta

Dichtkopf mit BSP 60° Ü-Mutter kon. 45° mit O-Ring

Femelle tournante coude 45° gaz cyl BSP 60° + o'ring



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	3/4" BSP	641081212	15,98
1"	1" BSP	641081616	30,82
1"1/2	1"1/2 BSP	641082424	64,02
2"	2" BSP	641083232	100,74

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

### BSP Male 60° cone

Macho rosca cilíndrica BSP cono 60°

Außengewinde zyl. BSP 60° kon.

Mâle fixe gaz cyl BSP 60°



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	3/4" BSP	641121212	8,50
1"	1" BSP	641121616	19,39
1"1/4	1"1/4 BSP	641122020	21,67
1"1/2	1"1/2 BSP	641122424	46,28
2"	2" BSP	641123232	67,08

### NPT Male

Macho rosca NPT

Außengewinde NPT

Mâle fixe NPT



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	3/4" NPT	641611212	7,96
1"	1" NPT	641611616	14,26
1"1/4	1"1/4 NPT	641612020	25,26
1"1/2	1"1/2 NPT	641612424	39,82
2"	2" NPT	641613232	60,92

## INTERLOCK SERIES FITTINGS

Conexiones Serie Interlock

Armaturen Interlock

Embouts à sertir Interlock

### BSP Swivel female 60° cone + o'ring wired nut

NEW

Hembras giratorias rectas BSP cono 60° con junta (tuerca engargolada)

Dichtkopf mit BSP Ü-Mutter 60° mit O-Ring Drahtmutter

Femelle tournante gaz cyl BSP 60° + o'ring écrou à joint



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	3/4" BSP	645001212	8,85
1"	1" BSP	645001616	16,05
1"1/4	1"1/4 BSP	645002020	24,02
1"1/2	1"1/2 BSP	645002424	24,38
2"	2" BSP	645003232	63,21

### BSP Swivel female 60° cone + o'ring (45° Elbow) wired nut

NEW

Hembras giratorias 45° BSP cono 60° con junta (tuerca engargolada)

Dichtkopf mit BSP 60° Ü-Mutter kon. 45° mit O-Ring Drahtmutter

Femelle tournante coude 45° gaz cyl BSP 60° + o'ring écrou à joint



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	3/4" BSP	645081212	18,20
1"	1" BSP	645081616	33,50
1"1/4	1"1/4 BSP	645082020	45,39
1"1/2	1"1/2 BSP	645082424	70,00
2"	2" BSP	645083232	112,14

### BSP Swivel female 60° cone + o'ring (90° Elbow) wired nut

NEW

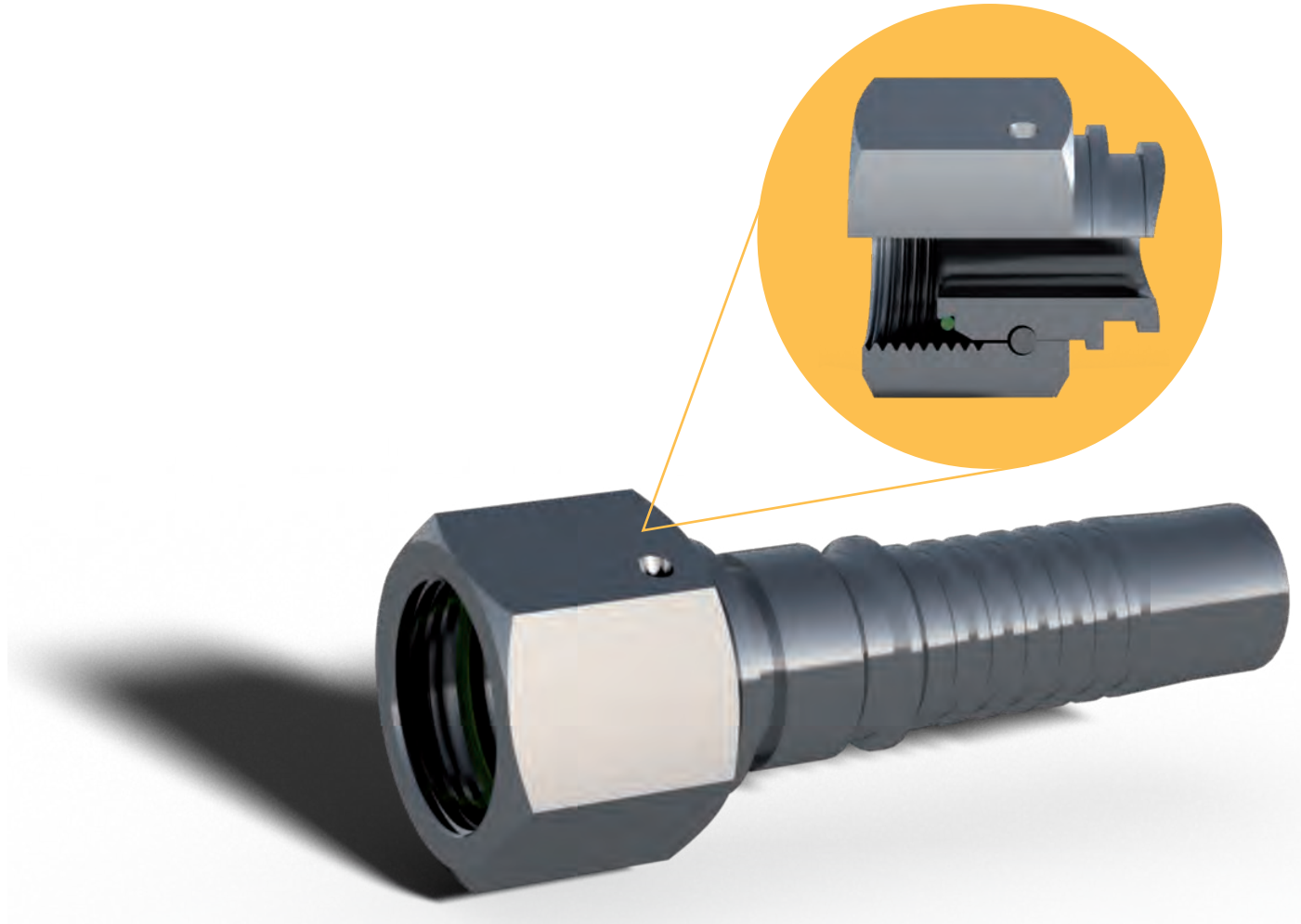
Hembras giratorias 90° BSP cono 60° con junta (tuerca engargolada)

Dichtkopf mit BSP Ü-Mutter 60° kon. 90° mit O-Ring Drahtmutter

Femelle tournante coude 90° gaz cyl BSP 60° + o'ring écrou à joint



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	3/4" BSP	645071212	14,02
1"	1" BSP	645071616	26,25
1"1/4	1"1/4 BSP	645072020	41,77
1"1/2	1"1/2 BSP	645072424	74,61
2"	2" BSP	645073232	99,84



# INTERLOCK SERIES FITTINGS

Conexiones Serie Interlock

Armaturen Interlock

Embouts à sertir Interlock

## JIC 37° Swivel female

Hembras giratorias rectas JIC 37°

Dichtkonus mit Ü-Mutter JIC 37°

Femelle tournante JIC 37°



DN	ROSCA THREAD	Referencia Part n°	€
1"1/2	1"7/8 12h UNF	641423024	37,52
2"	2"1/2 12h UNF	641424032	71,91

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

## JIC 37° Swivel female (90° Elbow)

Hembras giratorias 90° JIC 37°

Dichtkonus JIC 37° DKJ 90°

Femelle tournante coude 90° JIC 37°



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	1"1/16 12h UNF	641381712	16,48
1"	1"5/16 12h UNF	641382116	28,66
1"1/4	1"5/8 12h UNF	641382620	31,19
1"1/2	1"7/8 12h UNF	641383024	61,85
2"	2"1/2 12h UNF	641384032	100,13

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

## JIC 37° Swivel female (45° Elbow)

Hembras giratorias 45° JIC 37°

Dichtkonus JIC 37° DKJ 45°

Femelle tournante coude 45° JIC 37°



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	1"1/16 12h UNF	641391712	15,98
1"	1"5/16 12h UNF	641392116	26,93
1"1/4	1"5/8 12h UNF	641392620	44,12
1"1/2	1"7/8 12h UNF	641393024	61,85
2"	2"1/2 12h UNF	641394032	115,06

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

## JIC 37° male

Macho JIC 37°

Außengewinde JIC 37°

Mâle fixe JIC 37°



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	1"1/16 12h UNF	641401712	9,19
1"	1"5/16 12h UNF	641402116	14,71
1"1/4	1"5/8 12h UNF	641402620	24,28
1"1/2	1"7/8 12h UNF	641403024	40,01
2"	2"1/2 12h UNF	641404032	65,53

## JIC 37° Swivel female wired nut

NEW

Hembras giratorias rectas JIC 37° (Engargolada)

Dichtkonus mit Ü-Mutter JIC 37° Drahtmutter

Femelle tournante JIC 37° écrou à joint



ROSCA THREAD	DN	Referencia Part n°	€
1"1/16 12 UN	3/4"	645421712	7,84
1"5/16 12 UN	1"	645422116	16,05
1"5/8 12 UN	1"1/4	645422620	22,98
1"7/8 12 UN	1"1/2	645423024	41,03
2"1/2 12 UN	2"	645424032	77,28

## JIC 37° Swivel female (90° Elbow) wired nut

NEW

Hembras giratorias 90° JIC 37° (Engargolada)

Dichtkonus JIC 37° DKJ 90° Drahtmutter

Femelle tournante coude 90° JIC 37° écrou à joint



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	1"1/16 12h UNF	645381712	20,37
1"	1"5/16 12h UNF	645382116	31,34
1"1/4	1"5/8 12h UNF	645382620	35,52
1"1/2	1"7/8 12h UNF	645383024	63,21
2"	2"1/2 12h UNF	645384032	120,96

## JIC 37° Swivel female (45° Elbow) wired nut

NEW

Hembras giratorias 45° JIC 37° (Engargolada)

Dichtkonus JIC 37° DKJ 45° Drahtmutter

Femelle tournante coude 45° JIC 37° écrou à joint



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	1"1/16 12h UNF	645391712	17,17
1"	1"5/16 12h UNF	645392116	29,44
1"1/4	1"5/8 12h UNF	645392620	47,42
1"1/2	1"7/8 12h UNF	645393024	66,47
2"	2"1/2 12h UNF	645394032	123,65



## INTERLOCK SERIES FITTINGS

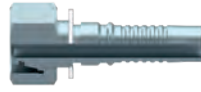
Conexiones Serie Interlock  
Armaturen Interlock  
Embouts à sertir Interlock

### Metric swivel female 24° seat with o'ring

Hembra giratoria recta Métrica cono 24° con junta tórica

Dichtkopf metr. 24° mit Ü-Mutter und O-Ring kon.

Femelle tournante Métrique 24° + o'ring



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
3/4"	20	S	M30X2	64204302012	10,18
3/4"	25	S	M36X2	64204362512	10,96
1"	25	S	M36X2	64204362516	16,61
1"	30	S	M42X2	64204423016	21,63
1"1/4	38	S	M52X2	64204523820	32,50

### Metric swivel female 24° seat with o'ring (45° Elbow)

Hembra giratoria 45° Métrica cono 24° con junta tórica

Dichtkopf 45° metr. mit Ü-Mutter und O-Ring

Femelle tournante coude 45° Métrique + o'ring



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
3/4"	20	S	M30X2	64206302012	17,73
1"	30	S	M42X2	64206423016	28,25
1"1/4	38	S	M52X2	64206523820	56,55

### Metric swivel female 24° seat with o'ring (90° Elbow)

Hembra giratoria 90° Métrica cono 24° con junta tórica

Dichtkopf 90° metr. 24° mit Ü-Mutter und O-Ring kon.

Femelle tournante coude 90° Métrique + o'ring



DN	TUBO PIPE	SERIE	ROSCA THREAD	Referencia Part n°	€
3/4"	20	S	M30X2	64205302012	18,28
3/4"	25	S	M36X2	64205362512	24,33
1"	30	S	M42X2	64205423016	26,73
1"1/4	38	S	M52X2	64205523820	49,20

### Metric male stud 24° cone

Macho rosca Métrica cono 24°

Außengewinde metr. kon. 24°

Mâle fixe Métrique 24° série lourde



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
3/4"	20	S	M30X2	64203302012	9,35
3/4"	25	S	M36X2	64203362512	14,62
1"	30	S	M42X2	64203423016	22,58
1"1/4	38	S	M52X2	64203523820	32,44

### Metric swivel female 24° seat with o'ring for hammer

Hembra giratoria recta Métrica cono 24° C/J martillos

Dichtkopf metr. 24° mit Ü-Mutter und O-Ring kon. Für Hammer

Femelle tournante Métrique 24° + o'ring pour marteau



DN	TUBO PIPE	ROSCA THREAD	SERIE SERIES	Referencia Part n°	€
3/4"	25	M36X2	S	NAM362512	61,69
1"	30	M42X2	S	NAM423016	73,95
1"1/4	38	M52X2	S	NAM523820	87,20

With Interlock ferrule included (same crimping diameter as ferrule A61010) / Se venden con casquillo Interlock incluido (mismo diámetro de prensado que los casquillos A61010...) / Inclusive Presshülse Interlock (gleicher Pressmaß wie Presshülsen A61010...) / Avec jupe Interlock incluse (même diamètre de sertissage que la jupe A61010)

## INTERLOCK SERIES FITTINGS

Conexiones Serie Interlock

Armaturen Interlock

Embouts à sertir Interlock

### ORFS Swivel female

Hembras rectas ORFS

Dichtkopf gerade für ORFS

Femelle droite ORFS



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	1"3/16 12h UNF	649001212	11,79
1"	1"7/16 12h UNF	649001616	14,67
1"1/4	1"11/16 12h UNF	649002020	30,26
1"1/2	2" 12h UNF	649002424	34,09

### ORFS Swivel female (90° Elbow)

Codos 90° ORFS

90° Winkel ORFS

Coude 90° femelle ORFS



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	1"3/16 12h UNF	649071212	18,60
1"	1"7/16 12h UNF	649071616	29,09
1"1/4	1"11/16 12h UNF	649072020	36,84
1"1/2	2" 12h UNF	649072424	54,86

### ORFS Swivel female (45° Elbow)

Codos 45° ORFS

45° Bogen ORFS

Coude 45° femelle ORFS



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	1"3/16 12h UNF	649081212	16,98
1"	1"7/16 12h UNF	649081616	29,09
1"1/4	1"11/16 12h UNF	649082020	44,12

## INTERLOCK SERIES FITTINGS

Conexiones Serie Interlock

Armaturen Interlock

Embouts à sertir Interlock

### 3000 PSI SAE Straight Flange / Code 61

Brida SAE 3000 PSI

Flansch SAE 3000 PSI

Bride SAE droite série 3000 PSI



DN	∅	Referencia Part n°	€
3/4"	38.1	641821212	14,03
3/4"	44.5	641821612	18,76
1"	44.5	641821616	20,92
1"	50.8	641822016	26,29
1"1/4	50.8	641822020	31,40
1"1/4	60.3	641822420	44,92
1"1/2	60.3	641822424	54,24
2"	71.4	641823232	85,68

### 6000 PSI SAE Straight Flange / Code 62

Brida SAE 6000 PSI

Flansch SAE 6000 PSI

Bride SAE droite série 6000 PSI



DN	∅	Referencia Part n°	€
3/4"	41.3	642821212	12,68
3/4"	47.6	642821612	18,82
1"	47.6	642821616	22,94
1"	54	642822016	27,42
1"1/4	54	642822020	34,29
1"1/4	63.5	642822420	55,75
1"1/2	63.5	642822424	48,58
2"	79.4	642823232	97,09

### 3000 PSI SAE Flange (90° Elbow) / Code 61

Brida a 90° SAE 3000 PSI

Flansch 90° SAE 3000 PSI

Bride SAE coude 90° série 3000 PSI



DN	∅	Referencia Part n°	€
3/4"	38.1	641831212	20,58
3/4"	44.5	641831612	27,63
1"	44.5	641831616	25,72
1"	50.8	641832016	39,07
1"1/4	50.8	641832020	40,68
1"1/4	60.3	641832420	58,63
1"1/2	60.3	641832424	69,17
2"	71.4	641833232	123,88

### 6000 PSI SAE Flange (90° Elbow) / Code 62

Brida a 90° SAE 6000 PSI

Flansch 90° SAE 6000 PSI

Bride SAE coude 90° série 6000 PSI



DN	∅	Referencia Part n°	€
3/4"	41.3	642831212	20,53
3/4"	47.6	642831612	30,47
1"	47.6	642831616	32,47
1"	54	642832016	48,34
1"1/4	54	642832020	43,01
1"1/4	63.5	642832420	63,72
1"1/2	63.5	642832424	93,14
2"	79.4	642833232	215,95

### 3000 PSI SAE Flange (45° Elbow) / Code 61

Brida a 45° SAE 3000 PSI

Flansch 45° SAE 3000 PSI

Bride SAE coude 45° série 3000 PSI



DN	∅	Referencia Part n°	€
3/4"	38.1	641841212	20,59
3/4"	44.5	641841612	26,69
1"	44.5	641841616	29,32
1"1/4	50.8	641842020	46,35
1"1/4	60.3	641842420	62,24
1"1/2	60.3	641842424	61,27
2"	71.4	641843232	145,16

### 6000 PSI SAE Flange (45° Elbow) / Code 62

Brida a 45° SAE 6000 PSI

Flansch 45° SAE 6000 PSI

Bride SAE coude 45° série 6000 PSI



DN	∅	Referencia Part n°	€
3/4"	41.3	642841212	17,70
3/4"	47.6	642841612	20,96
1"	47.6	642841616	35,22
1"	54	642842016	29,28
1"1/4	54	642842020	49,95
1"1/2	63.5	642842424	81,04
2"	79.4	642843232	174,20

## INTERLOCK SERIES FITTINGS

Conexiones Serie Interlock

Armaturen Interlock

Embouts à sertir Interlock

### 9000 PSI Straight flange (14,3)

Brida 9000 PSI (14,3)

Flansch SAE 9000 PSI (14,3)

Bride droite série 9000 PSI (14,3)



DN	∅	Referencia Part n°	€
3/4"	41,3	643821212	19,02
1"	47,6	643821616	27,98
1"	54	643822016	37,82
1"1/4	54	643822020	34,16
1"1/4	63,5	643822420	56,94
1"1/2	63,5	643822424	45,24

### 90° 9000 PSI Flange (14,3)

Brida a 90° 9000 PSI (14,3)

Flansch 90° SAE 9000 PSI (14,3)

Bride coude 90° série 9000 PSI (14,3)



DN	∅	Referencia Part n°	€
3/4"	41,3	643831212	23,28
1"	47,6	643831616	42,03
1"	54	643832016	37,91
1"1/4	54	643832020	74,88
1"1/2	63,5	643832424	99,08

### 45° 9000 PSI Flange (14,3)

Brida a 45° 9000 PSI (14,3)

Flansch 45° SAE 9000 PSI (14,3)

Bride coude 45° série 9000 PSI (14,3)



DN	∅	Referencia Part n°	€
3/4"	41,3	643841212	22,47
1"	47,6	643841616	37,06
1"	54	643842016	50,23
1"1/4	54	643842020	52,84
1"1/2	63,5	643842424	86,33



## INTERLOCK SERIES FITTINGS

Conexiones Serie Interlock

Armaturen Interlock

Embouts à sertir Interlock

### Poclain male flange

Espiga para brida macho Poclain

Poclain Flansch M

Embout bride mâle Poclain



DN	Ø	Referencia Part n°	€
3/4"	3/4"	648011212	17,51
1"	1"	648011616	43,32
1"1/4	1"1/4	648012020	55,64

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

### Female Poclain flange 4 holes

Brida entera hembra Poclain 4 agujeros

Vollflansch Poclain w 4 Bohrungen

Bride rectangulaire de fixation femelle Poclain-4 trous



TAMAÑO SIZE	Referencia Part n°	€
3/4"	448061212	60,95
1"	448061616	69,33
1"1/4	448062020	86,51

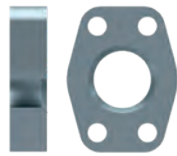
Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

### Male Poclain flange 4 holes

Brida entera macho Poclain 4 agujeros

Vollflansch Poclain m 4 Bohrungen

Bride rectangulaire de fixation mâle Poclain-4 trous



TAMAÑO SIZE	Referencia Part n°	€
3/4"	448051212	42,66
1"	448051616	50,86
1"1/4	448052020	67,56

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

### Male Poclain flange 2 holes

Brida entera macho Poclain 2 agujeros

Vollflansch Poclain m 2 Bohrungen

Bride ovale fixation mâle Poclain 2 trous



TAMAÑO SIZE	Referencia Part n°	€
5/8"	448071010	35,47
3/4"	448071212	34,77
1"	448071616	42,40
1"1/4	448072020	67,53

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

### Poclain female flange

Espiga para brida hembra Poclain

Poclain Flansch F

Embout bride femelle Poclain



DN	Ø	Referencia Part n°	€
3/4"	3/4"	648021212	33,68
1"	1"	648021616	34,78

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

## HIGH PRESSURE 700 BAR FITTINGS

Conexiones Alta presión (700 Bar)  
 Armaturen Hochdruck (700bar)  
 Embouts haute pression 700 Bar

### Thermoplastic hose 700 bar

Manguera termoplástica 700 bar

Thermopl. Schläuche 700 bar

Tuyau thermoplastique haute pression 700 bar



DN	Referencia Part n°	€
1/4"	MT70004	33,17
3/8"	MT70006	78,11

### Ferrules for thermoplastic hose 700 bar MT700 type

Casquillos manguera 700 bar tipo MT700

Pressfassungen für Thermopl. Schläuche 700 bar  
 MT700

Jupes à sertir thermoplastique 700 bar type MT700



DN	Referencia Part n°	€
1/4"	710120400	2,31
3/8"	710120600	3,17

### BSP Swivel female 60° cone

Hembra giratoria recta BSP 60°

Dichtkopf gerade mit Ü-Mutter BSP 60°

Embout thermoplastique 700 bar femelle  
 tournante gaz cyl BSP 60°



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	741000404	5,50
3/8"	3/8" BSP	741000606	4,41

### BSP Male parallel 60° cone

Macho BSP 60°

Außengewinde BSP 60°

Embout thermoplastique 700 bar mâle fixe gaz  
 BSP 60°



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	741120404	4,31
3/8"	3/8" BSP	741120606	5,10

### NPT Male thread

Macho NPT

Außengewinde NPT

Embout thermoplastique 700 bar mâle fixe gaz  
 conique NPT



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" NPT	741610404	3,57
1/4"	3/8" NPT	741610604	3,57
3/8"	3/8" NPT	741610606	4,05

## SERIE COMPACTA

One Piece Series

Série Pré-sertis

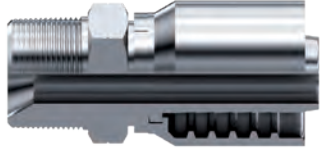
Serie Compatti

### ■ Conexiones compactas 1SC / 1SN / 2SC / R6 / 2TE

One piece fittings 1SC / 1SN / 2SC / R6 / 2TE

Embouts pré-sertis 1SC / 1SN / 2SC / R6 / 2TE

Raccordi compatti 1SC / 1SN / 2SC / R6 / 2TE



EN 857 1SC	EN 853 1 SN SAE 100 R1AT	EN 857 2SC	EN 854 SAE 100 R6	EN 854 2TE
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### ■ Conexiones compactas Serie 43 R1AT / R2AT / 1SN / 2SN / R16 / 2SC / 3TE/R17

One piece fittings 43 Series R1AT / R2AT / 1SN / 2SN / R16 / 2SC / 3TE/R17

Embouts pré-sertis R1AT / R2AT / 1SN / 2SN / R16 / 2SC Série 43 / 2TE/ R17

Raccordi compatti R1AT / R2AT / 1SN / 2SN / R16 / 2SC Serie 43 / 3TE /R17



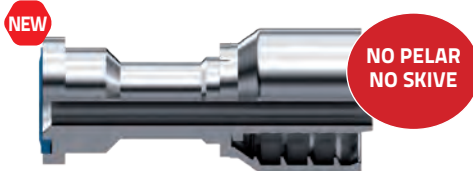
EN 853 1SN SAE 100R1AT	EN 853 2 SN SAE 100 R2AT	EN 857 2SC SAE 100 R16	SUPERSERVICE 155° 2SC	3TE
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### ■ Conexiones compactas Serie BWS NO PELAR 3SP / 4SP / 4SH / R12

One piece fittings Standar Series NON SKIVE 3SP / 4SP / 4SH / R12

Embouts pré-sertis SANS DÉNUDÉ 3SP / 4SP / 4SH / R12

Raccordi compatti SENZA PELATURA 3SP / 4SP / 4SH / R12



3SP	EN 856 4SP SAE 100 R9R	EN 856 4SH	EN856 R12 SAE 100	EN 856 R13 SAE 100	SAE 100 R15
<b>3/4"-1"</b>					

### ■ Conexiones compactas Serie BW+ NO PELAR R13 / R15

One piece fittings BW+ Series NON SKIVE R13 / R15

Embouts pré-sertis BW+ SANS DÉNUDÉ R13 / R15

Raccordi compatti BW+SENZA PELATURA R13 / R15



EN 856 SAE 100 R13	SAE 100 R15
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### ■ Conexiones compactas R7 / R8 y elastómero malla metálica

Piece fittings R7 / R8 & braid of steel wire

Embouts pré-sertis R7 / R8 et tresse métallique

Raccordi compatti serie R7 / R8 e elastomero treccia metallica



SAE 100 R7	SAE 100 R8	Metallic braid elastomer
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### ■ Conexiones compactas PTFE liso R14

One piece fittings for smooth PTFE R14

Embouts pré-sertis pour PTFE lisse R14

Raccordi compatti serie PTFE liscio R14



Smooth PTFE 1 braid
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### ■ Conexiones compactas PTFE corrugado

One piece fittings for convoluted PTFE

Embouts pré-sertis pour PTFE convoluto

Raccordi compatti serie PTFE corrugato



Convoluted PTFE
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### ■ Conexiones compactas Serie BW R12 / 4SP / 4SH

One piece fittings BW Series R12 / 4SP / 4SH

Embouts pré-sertis R12 / 4SP / 4SH Série BW

Raccordi compatti R12 / 4SP / 4SH Serie BW



EN 856 R12	EN 856 4SP	4 SH	R13 3/4" 1"
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# ONE PIECE FITTINGS 43 SERIES 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Einteilige Armaturen Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Emboutis pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

## Ferrules 1SC/1SN/2SC/R6/2TE/R17

Casquillos 1SC/1SN/2SC/R6/2TE/R17

Pressfassungen 1SC/1SN/2SC/R6/2TE/R17

Jupes à sertir 1SC/1SN/2SC/R6/2TE/R17



DN	Referencia Part n°	€
1/4"	SC21120400	1,49
5/16"	SC21120500	1,43
3/8"	SC21120600	1,63
1/2"	SC21120800	2,49
5/8"	SC21121000	3,38
3/4"	SC21121200	4,89
1"	SC21121600	7,58

## Ferrules 1SN/2SN/R16/2SC/3TE/R17 for one piece fittings 43 series

Casquillos 1SN/2SN /R16/2SC/3TE/R17 para conexiones de una sola pieza serie 43

Pressf. R1AT/R2AT/1SN/2SN/R16/2SC/3TE/R17 für einteil. Armaturen Serie 43

Jupes 1SN/2SN/R16/2SC/3TE/R17 pour embous pré-sertis série 43



DN	Referencia Part n°	€
1/4"	PFC221200400	1,54
5/16"	PFC221200500	2,03
3/8"	PFC221200600	2,03
1/2"	PFC221200800	2,36
5/8"	PFC221201000	3,54
3/4"	PFC221201200	6,13
1"	PFC221201600	7,86
1"1/4	PFC221202000	17,96
1"1/2	PFC221202400	25,58
2"	PFC221203200	42,45

## Ferrules R12/3SP/4SP/4SH non skive

Casquillos R12/3SP/4SP/4SH no pelar

Pressfassungen 3SP/4SP/R12/4SH ohne Schälung

Jupes à sertir R12/3SP/4SP/4SH sans dénudage



DN	Referencia Part n°	€
3/8"	DI222400600	2,27
1/2"	DI222400800	2,95
5/8"	DI222401000	4,30
3/4"	DI222401200	7,33
1"	DI222401600	8,72
1" 1/4	DI222402000	17,51
1" 1/2	DI222402400	33,40
2"	DI222403200	53,46

## Ferrules SAE 100 R6, R7, R8 and metallic braid

Casquillos R6, R7, R8 y malla metálica

Pressfassungen R6/R7/R8 und Metallumfl.

Jupes à sertir R6, R7, R8 et tresse métallique



DN	Referencia Part n°	€
1/8"	DI2300200	1,25
3/16"	DI2300300	1,01
1/4"	DI2300400	1,03
5/16"	DI2300500	1,75
3/8"	DI2300600	1,55
1/2"	DI2300800	2,17
5/8"	DI2301000	3,40
3/4"	DI2301200	5,79
1"	DI2301600	9,52

## Ferrules for Smooth PTFE SAE 100 R14 smooth surface

NEW

Casquillos PTFE Liso alta presión SAE 100 R14 perfil liso

Pressfassungen PTFE-Glattschläuche Hochdruck SAE 100 R14 glatte Oberfläche

Jupes à sertir pour PTFE Lisse haute pression SAE 100 R14 surface lisse



DN	Referencia Part n°	€
1/4"	280400400	1,33
5/16"	280400500	1,70
3/8"	280400600	1,53
1/2"	280400800	2,50
5/8"	280401000	2,85

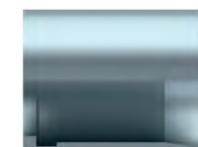
## Ferrules for Convoluted PTFE smooth surface

NEW

Casquillos PTFE Corrugado alta presión perfil liso

Pressfassungen für PTFE-Wellenschläuche Hochdruck glatte Oberfläche

Jupes à sertir PTFE Convoluté haute pression surface lisse



DN	Referencia Part n°	€
1/4"	280410400	1,41
3/8"	280410600	1,61
1/2"	280410800	2,02
5/8"	280411000	3,17
3/4"	280411200	3,62

# ONE PIECE FITTINGS 43 SERIES 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Einteilige Armaturen Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

## Ferrules R12, 4SP, 4SH for fittings BW series

Casquillos R12, 4SP, 4SH para conexiones de una sola pieza serie BW

Pressfassungen R12, 4SP, 4SH einteilige Serie BW

Jupes R12, 4SP, 4SH pour embouts série BW



DN	Referencia Part n°	€
3/4"	AC680101200*	11,11
1"	AC680101600*	13,79
1" 1/4	AC680102000*	22,98

## Ferrules R13/R15 for fittings BW/BW+ series



Casquillos R13/R15 para serie BW/BW+

Pressfassungen R13/R15 für Armaturen Serie BW/BW+

Jupes R13/R15 pour embouts série BW/BW+



DN	Referencia Part n°	€
1"1/4	AC690102000	*
1"1/2	AC690102400	*
2"	AC690103200	*

\*Consultar / On request / Sur demande / Su richiesta

# ONE PIECE FITTINGS 43 SERIES 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Einteilige Armaturen Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

## One piece JIC 37° female

Hembras giratorias rectas una sola pieza JIC 37°

Dichtkopf mit Ü-Mutter einteilig JIC 37°

Femelle pré-sertie JIC 37°



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	7/16" 20h UNF	281420704	3,56
1/4"	1/2" 20h UNF	281420804	3,80
5/16"	1/2" 20h UNF	281420805	4,92
1/4"	9/16" 18h UNF	281420904	3,86
5/16"	9/16" 18h UNF	281420905	4,26
3/8"	9/16" 18h UNF	281420906	4,42
3/8"	5/8" 18h UNF	281421006	5,59
5/16"	3/4" 16h UNF	281421205	5,20
3/8"	3/4" 16h UNF	281421206	4,96
1/2"	3/4" 16h UNF	281421208	5,91
3/8"	7/8" 14h UNF	281421406	5,37
1/2"	7/8" 14h UNF	281421408	6,02
5/8"	7/8" 14h UNF	281421410	8,31
1/2"	1"1/16 12h UNF	281421708	7,65
5/8"	1"1/16 12h UNF	281421710	9,45
3/4"	1"1/16 12h UN	281421712	11,48
1"	1"1/16 12h UNF	281421716	18,27
3/4"	1"5/16 12h UNF	281422112	17,62
1"	1"5/16 12h UN	281422116	19,73
1"	1"5/8 12h UNF	281422616	26,11
1"1/4	1"5/8 12h UN	281422620	35,38
1" 1/4	1"7/8 12h UNF	281423020	52,20
1"1/2	1"7/8 12h UN	281423024	51,19
2"	2"1/2 12h UN	281424032	88,37

## One piece JIC 37° male

Machos una sola pieza rosca JIC 37°

Außengewinde einteilig JIC37°

Mâle pré-serti JIC 37°



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	7/16" 20h UNF	281400704	3,36
1/4"	1/2" 20 H UNF	281400804	4,54
5/16"	1/2" 20h UNF	281400805	4,97
1/4"	9/16" 18h UNF	281400904	3,54
5/16"	9/16" 18h UNF	281400905	4,58
3/8"	9/16" 18h UNF	281400906	4,16
3/8"	3/4" 16 h UNF	281401206	4,94
1/2"	3/4" 16h UNF	281401208	5,03
3/8"	7/8" 14h UNF	281401406	6,18
1/2"	7/8" 14h UNF	281401408	5,50
5/8"	7/8" 14h UNF	281401410	7,98
1/2"	1" 1/16 12h UNF	281401708	8,45
5/8"	1" 1/16-12h UNF	281401710	9,19
3/4"	1"1/16 12h UN	281401712	13,31
3/4"	1" 5/16 12h UNF	281402112	16,53
1"	1"5/16 12h UN	281402116	20,43
1"	1" 5/8 12h UNF	281402616	27,98
1"1/4	1"5/8 12h UN	281402620	40,18
1" 1/4	1" 7/8 12h UNF	281403020	48,50
1"1/2	1"7/8 12h UN	281403024	56,11
2"	2"1/2 12h UN	281404032	98,41

## One piece back up hex JIC 37° female

Hembras giratorias rectas una sola pieza JIC 37° doble hexagonal

Dichtkopf mit Ü-Mutter einteilig JIC 37° doppelt 6 kt

Femelle pré-sertie JIC 37° double hexagonal



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	7/16" 20h UNF	282420704	4,50
1/4"	1/2" 20h UNF	282420804	4,69
5/16"	9/16" 18h UNF	282420905	5,81
3/8"	9/16" 18h UNF	282420906	5,75
3/8"	3/4" 16h UNF	282421206	6,19
1/2"	3/4" 16h UNF	282421208	7,16
1/2"	7/8" 14h UNF	282421408	8,25
3/4"	1"1/16 12h UN	282421712	15,02
1"	1"5/16 12h UN	282422116	20,02
1"1/4	1"5/8 12h UN	282422620	43,46
1"1/2	1"7/8 12h UN	282423024	64,43
2"	2"1/2 12h UN	282424032	112,89

## One piece JIC 37° Female (90° Elbow)

Hembras giratorias 90° una sola pieza JIC 37°

Dichtkopf einteilig Ü-Mutter 37° JIC 90°

Coude 90° femelle pré-sertie JIC 37°



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	7/16" 20h UNF	281380704	5,04
1/4"	1/2" 20h UNF	281380804	5,21
1/4"	9/16" 18h UNF	281380904	4,86
5/16"	9/16" 18h UNF	281380905	6,40
3/8"	9/16" 18h UNF	281380906	6,91
3/8"	5/8" 18h UNF	281381006	7,78
3/8"	3/4" 16h UNF	281381206	6,79
1/2"	3/4" 16h UNF	281381208	6,91
3/8"	7/8" 14h UNF	281381406	10,48
1/2"	7/8" 14h UNF	281381408	8,50
5/8"	7/8" 14h UNF	281381410	12,85
1/2"	1"1/16 12h UNF	281381708	15,23
5/8"	1"1/16 12h UNF	281381710	14,81
3/4"	1"1/16 12h UN	281381712	16,69
3/4"	1"5/16 12h UNF	281382112	26,26
1"	1"5/16 12h UN	281382116	25,07
1"	1"5/8 12h UNF	281382616	42,46
1"1/4	1"5/8 12h UN	281382620	51,66
1" 1/4	1"7/8 12h UNF	281383020	71,75
1"1/2	1"7/8 12h UN	281383024	74,01
2"	2"1/2 12h UN	281384032	141,07

# ONE PIECE FITTINGS 43 SERIES 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Einteilige Armaturen Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

## One piece JIC 37° Female (45° Elbow)

Hembras giratorias 45° una sola pieza JIC37°

Dichtkonus JIC 37° einteilig 45°

Coude 45° femelle pré-sertie JIC 37°



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	7/16" 20h UNF	281390704	5,07
1/4"	1/2" 20h UNF	281390804	5,84
1/4"	9/16" 18h UNF	281390904	5,96
5/16"	9/16" 18h UNF	281390905	6,14
3/8"	9/16" 18h UNF	281390906	6,47
3/8"	3/4" 16h UNF	281391206	8,37
1/2"	3/4" 16h UNF	281391208	8,82
1/2"	7/8" 14h UNF	281391408	10,38
5/8"	7/8" 14h UNF	281391410	11,91
1/2"	1"1/16 12h UNF	281391708	14,82
5/8"	1"1/16 12h UNF	281391710	15,69
3/4"	1"1/16 12h UN	281391712	16,73
3/4"	1"5/16 12h UNF	281392112	27,22
1"	1"5/16 12h UN	281392116	25,60
1"	1"5/8 12h UNF	281392616	42,46
1"1/4"	1"5/8 12h UN	281392620	55,78
1" 1/4"	1"7/8 12h UNF	281393020	74,34
1"1/2"	1"7/8 12h UN	281393024	81,95
2"	2"1/2 12h UN	281394032	144,63

## One piece NPSM female 60° cone

Hembras giratorias rectas una sola pieza rosca NPSM cono 60°

Dichtkopf mit NPSM einteilig Ü-Mutter 60° kon.

Femelle pré-sertie NPSM cone 60°



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" 18h NPSM	282610404	4,33
3/8"	3/8" 18h NPSM	282610606	5,34
1/2"	1/2" 14h NPSM	282610808	6,62
3/4"	3/4" 14h NPSM	282611212	12,74
1"	1" - 11 1/2 h NPSM	282611616	18,44

## One piece NPT male

Machos una sola pieza rosca cónica NPT

Außengewinde einteilig kon. NPT

Mâle pré-serti NPT



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/8" NPT	281610204	3,86
1/4"	1/4" NPT	281610404	3,99
5/16"	1/4" NPT	281610405	5,30
3/8"	1/4" NPT	281610406	5,30
1/4"	3/8" NPT	281610604	4,71
5/16"	3/8" NPT	281610605	5,35
3/8"	3/8" NPT	281610606	4,98
1/2"	3/8" NPT	281610608	6,26
3/8"	1/2" NPT	281610806	5,80
1/2"	1/2" NPT	281610808	5,37
5/8"	1/2" NPT	281610810	9,07
1/2"	3/4" NPT	281611208	9,42
5/8"	3/4" NPT	281611210	9,64
3/4"	3/4" NPT	281611212	12,23
1"	3/4" NPT	281611216	18,03
3/4"	1" NPT	281611612	16,64
1"	1" NPT	281611616	18,20
1"	1" 1/4 NPT	281612016	28,32
1"1/4"	1"1/4 NPT	281612020	38,58
1" 1/4"	1"1/2 NPT	281612420	45,24
1"1/2"	1"1/2 NPT	281612424	52,85
1" 1/2"	2" NPT	281613224	81,81
2"	2" NPT	281613232	89,76

# ONE PIECE FITTINGS 43 SERIES 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Einteilige Armaturen Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

## One piece ORFS female

Hembras giratorias rectas una sola pieza ORFS

Dichtkopf mit ORFS einteilig Ü-Mutter

Femelle pré-sertie ORFS



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	9/16" 18h	289000904	4,25
1/4"	11/16" 16h	289001104	4,24
5/16"	11/16" 16h	289001105	5,50
3/8"	11/16" 16h	289001106	4,59
3/8"	13/16" 16h	289001306	5,16
1/2"	13/16" 16h	289001308	6,04
1/2"	1" 14h	289001608	8,49
5/8"	1" 14h	289001610	10,67
1/2"	1"3/16 12h	289001908	11,66
3/4"	1"3/16 12h	289001912	15,07
3/4"	1"7/16 12h	289002312	19,56
1"	1"7/16 12h	289002316	17,88
1"1/4	1"11/16 12h	289002720	42,94
1"1/2	2" 12h	289003224	67,89

## One piece ORFS female (90° Elbow)

Hembras giratorias 90° una sola pieza ORFS

Dichtkopf 90° ORFS einteilig

Coude 90° femelle pré-sertie ORFS



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	9/16" 18h	289070904	5,50
1/4"	11/16" 16h	289071104	7,06
5/16"	11/16" 16h	289071105	7,55
3/8"	11/16" 16h	289071106	7,01
3/8"	13/16" 16h	289071306	9,34
1/2"	13/16" 16h	289071308	8,56
1/2"	1" 14h	289071608	12,37
5/8"	1" 14h	289071610	13,73
1/2"	1"3/16 12h	289071908	17,89
3/4"	1"3/16 12h	289071912	20,26
3/4"	1"7/16 12h	289072312	29,66
1"	1"7/16 12h	289072316	32,23
1"1/4	1"11/16 12h	289072720	60,47
1"1/2	2" 12h	289073224	86,83

## One piece ORFS male

Machos una sola pieza ORFS

Außengewinde ORFS

Mâle pré-serti ORFS



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	9/16" 18h	289120904	4,07
1/4"	11/16" 16h	289121104	4,94
5/16"	11/16" 16h	289121105	5,15
3/8"	11/16" 16h	289121106	5,47
3/8"	13/16" 16h	289121306	6,50
1/2"	13/16" 16h	289121308	6,83
1/2"	1" 14h	289121608	7,76
5/8"	1" 14h	289121610	9,35
1/2"	1"3/16 12h	289121908	11,41
3/4"	1"3/16 12h	289121912	13,95
3/4"	1"7/16 12h	289122312	21,00
1"	1"7/16 12h	289122316	22,73
1"1/4	1"11/16 12h	289122720	42,94

## One piece ORFS female (45° Elbow)

Hembras giratorias 45° una sola pieza ORFS

Dichtkopf 45° ORFS einteilig

Coude 45° femelle pré-sertie ORFS



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	9/16" 18h	289080904	5,36
1/2"	1" 14h	289081008	13,30
1/4"	11/16" 16h	289081104	6,59
5/16"	11/16" 16h	289081105	7,08
3/8"	11/16" 16h	289081106	7,36
3/8"	13/16" 16h	289081306	8,77
1/2"	13/16" 16h	289081308	9,10
5/8"	1" 14h	289081610	14,64
1/2"	1"3/16 12h	289081908	17,89
3/4"	1"3/16 12h	289081912	22,55
3/4"	1"7/16 12h	289082312	30,50
1"	1"7/16 12h	289082316	35,89
1"1/4	1"11/16 12h	289082720	57,91
1"1/2	2" 12h	289083224	86,83



# ONE PIECE FITTINGS 43 SERIES 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Einteilige Armaturen Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Emboutis pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

## One piece 3000 PSI SAE Straight Flange / Code 61

Bridas rectas una sola pieza SAE 3000 PSI

Gerade Kompaktflansche SAE 3000 PSI

Bride SAE droite pré-sertie série 3000 PSI



DN	Ø	Referencia Part n°	€
1/2"	30.2	281820808	10,63
1/2"	38.1	281821208	14,60
5/8"	38.1	281821210	17,48
3/4"	38.1	281821212	18,35
3/4"	44.5	281821612	27,95
1"	44.5	281821616	27,48
1"	50.8	281822016	35,69
1"1/4	50.8	281822020	42,18
1" 1/4	60.3	281822420	59,71
1"1/2	60.3	281822424	67,32
1" 1/2	71.4	281823224	108,36
2"	71.4	281823232	106,30

## One piece 6000 PSI SAE Straight Flange / Code 62

Bridas rectas una sola pieza SAE 6000 PSI

Gerade Kompaktflansche SAE 6000 PSI

Bride SAE droite pré-sertie série 6000 PSI



DN	Ø	Referencia Part n°	€
1/2"	31.8	282820808	12,52
1/2"	41.3	282821208	16,18
5/8"	41.3	282821210	18,03
3/4"	41.3	282821212	21,33
3/4"	47.6	282821612	27,34
1"	47.6	282821616	30,84
1"	54	282822016	36,59
1"1/4	54	282822020	52,46
1" 1/4	63.5	282822420	65,18
1"1/2	63.5	282822424	75,53
1" 1/2	79.4	282823224	115,54
2"	79.4	282823232	117,96

## One piece 3000 PSI SAE 90° Flange / Code 61

Bridas 90° una sola pieza SAE 3000 PSI

Kompaktflansch 90° SAE 3000 PSI

Bride SAE coude 90° pré-sertie série 3000 PSI



DN	Ø	Referencia Part n°	€
1/2"	30.2	281830808	13,76
1/2"	38.1	281831208	17,53
5/8"	38.1	281831210	19,19
3/4"	38.1	281831212	21,46
3/4"	44.5	281831612	28,87
1"	44.5	281831616	31,18
1"	50.8	281832016	41,12
1"1/4	50.8	281832020	52,91
1" 1/4	60.3	281832420	67,93
1"1/2	60.3	281832424	76,25
1" 1/2	71.4	281833224	114,96
2"	71.4	281833232	136,13

## One piece 6000 PSI SAE 90° Flange / Code 62

Bridas 90° una sola pieza SAE 6000 PSI

Kompaktflansch 90° SAE 6000 PSI

Bride SAE coude 90° pré-sertie série 6000 PSI



DN	Ø	Referencia Part n°	€
1/2"	31.8	282830808	13,77
1/2"	41.3	282831208	19,66
5/8"	41.3	282831210	20,38
3/4"	41.3	282831212	22,04
3/4"	47.6	282831612	30,80
1"	47.6	282831616	33,11
1"	54	282832016	43,66
1"1/4	54	282832020	55,09
1" 1/4	63.5	282832420	71,48
1"1/2	63.5	282832424	80,12
1" 1/2	79.4	282833224	120,88

## One piece 3000 PSI SAE 45° Flange / Code 61

Bridas 45° una sola pieza SAE 3000 PSI

Kompaktflansch 45° SAE 3000 PSI

Bride SAE coude 45° pré-sertie série 3000 PSI



DN	Ø	Referencia Part n°	€
1/2"	30.2	281840808	12,44
1/2"	38.1	281841208	17,53
5/8"	38.1	281841210	19,19
3/4"	38.1	281841212	21,46
3/4"	44.5	281841612	29,26
1"	44.5	281841616	31,58
1"	50.8	281842016	41,68
1"1/4	50.8	281842020	52,91
1" 1/4	60.3	281842420	67,93
1"1/2	60.3	281842424	76,25
1" 1/2	71.4	281843224	121,85
2"	71.4	281843232	136,13

## One piece 6000 PSI SAE 45° Flange / Code 62

Bridas 45° una sola pieza SAE 6000 PSI

Kompaktflansch 45° SAE 6000 PSI

Bride SAE coude 45° pré-sertie série 6000 PSI



DN	Ø	Referencia Part n°	€
1/2"	31.8	282840808	14,63
1/2"	41.3	282841208	19,66
5/8"	41.3	282841210	20,38
3/4"	41.3	282841212	22,04
3/4"	47.6	282841612	31,23
1"	47.6	282841616	33,11
1"	54	282842016	43,66
1"1/4	54	282842020	55,09
1" 1/4	63.5	282842420	71,48
1"1/2	63.5	282842424	81,07
1" 1/2	79.4	282843224	120,88
2"	79.4	282843232	139,72

# ONE PIECE FITTINGS 43 SERIES 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Einteilige Armaturen Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

## One piece 9000 PSI SAE Straight Flange

Bridas rectas una sola pieza SAE 9000 PSI

Gerader Flansch einteilig SAE 9000 PSI

Bride SAE droite pré-sertie série 9000 PSI



DN	∅	Referencia Part n°	€
1/2"	41.3	482821212	23,02
3/4"	47.6	482821612	33,21
1"	47.6	482821616	33,56
1"	54	482822016	41,59
1" 1/4	54	482822020	51,36
1" 1/2	63.5	482822424	84,26

## One piece 9000 PSI SAE 45° Flange

Bridas 45° una sola pieza SAE 9000 PSI

Flansch 45° einteilig SAE 9000 PSI

Bride SAE coude 45° pré-sertie série 9000 PSI



DN	∅	Referencia Part n°	€
1/2"	41.3	482841212	27,78
3/4"	47.6	482841612	39,87
1"	47.6	482841616	41,59
1"	54	482842016	54,50
1" 1/4	54	482842020	64,83
1" 1/2	63.5	482842424	84,26

## One piece 9000 PSI SAE 90° Flange

Bridas 90° una sola pieza SAE 9000 PSI

Flansch 90° einteilig SAE 9000 PSI

Bride SAE coude 90° pré-sertie série 9000 PSI



DN	∅	Referencia Part n°	€
1/2"	41.3	482831212	27,41
3/4"	47.6	482831612	39,87
1"	47.6	482831616	41,59
1"	54	482832016	54,50
1" 1/4	54	482832020	64,83
1" 1/2	63.5	482832424	84,26

# ONE PIECE FITTINGS 43 SERIES 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Einteilige Armaturen Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Emboutis pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

## One piece Metric female cone 24°

Hembras giratorias rectas una sola pieza rosca Métrica cono 24° - DKO

Dichtkopf metr. einteilig Ü-Mutter kon. 24° - DKO

Femelle pré-sertie Métrique cono 24°



## One piece Metric male cone 24°

Machos una sola pieza rosca Métrica cono 24°

Außengewinde einteilig metr. kon. 24°

Mâle pré-serti Métrique cono 24°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
1/4"	6	L	M12x1.5	28804120604	3,71
1/4"	8	L	M14x1.5	28804140804	3,56
1/4"	10	L	M16x1.5	28804161004	3,94
5/16"	10	L	M16x1.5	28804161005	4,49
3/8"	10	L	M16x1.5	28804161006	4,71
1/4"	12	L	M18x1.5	28804181204	4,34
5/16"	12	L	M18x1.5	28804181205	4,70
3/8"	12	L	M18x1.5	28804181206	4,58
3/8"	15	L	M22x1.5	28804221506	6,00
1/2"	15	L	M22x1.5	28804221508	5,68
1/2"	18	L	M26x1.5	28804261808	7,49
5/8"	18	L	M26x1.5	28804261810	7,87
3/4"	18	L	M26x1.5	NEW 28804261812	11,69
3/4"	22	L	M30x2	28804302212	12,64
1"	28	L	M36x2	28804362816	20,17
1"1/4	35	L	M45x2	28804453520	35,94
1"1/2	42	L	M52x2	28804524224	51,40
1/4"	8	S	M16x1.5	28804160804	4,23
1/4"	10	S	M18x1.5	28804181004	4,48
5/16"	12	S	M20x1.5	28804201205	4,70
3/8"	12	S	M20x1.5	28804201206	4,75
1/2"	12	S	M20x1.5	28804201208	6,16
3/8"	14	S	M22x1.5	28804221406	5,80
1/2"	16	S	M24x1.5	28804241608	6,67
5/8"	16	S	M24x1.5	NEW 28804241610	8,04
5/8"	20	S	M30x2	28804302010	8,98
3/4"	20	S	M30x2	28804302012	13,22
3/4"	25	S	M36x2	28804362512	17,72
1"	25	S	M36x2	28804362516	22,13
1"	30	S	M42x2	28804423016	24,61
1"1/4	38	S	M52x2	28804523820	42,26

DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
1/4"	6	L	M12x1.5	28203120604	3,69
1/4"	8	L	M14x1.5	28203140804	3,73
1/4"	10	L	M16x1.5	28203161004	4,30
5/16"	10	L	M16x1.5	28203161005	4,23
3/8"	10	L	M16x1.5	28203161006	4,33
1/4"	12	L	M18x1.5	28203181204	4,08
5/16"	12	L	M18x1.5	28203181205	4,85
3/8"	12	L	M18x1.5	28203181206	4,17
3/8"	15	L	M22x1.5	28203221506	5,64
1/2"	15	L	M22x1.5	28203221508	5,84
1/2"	18	L	M26x1.5	28203261808	6,86
5/8"	18	L	M26x1.5	28203261810	7,41
3/4"	22	L	M30x2	28203302212	12,27
1"	28	L	M36x2	28203362816	20,08
1"1/4	35	L	M45x2	28203453520	36,70
1"1/2	42	L	M52x2	28203524224	53,30
1/4"	8	S	M16x1.5	28203160804	4,06
1/4"	10	S	M18x1.5	28203181004	4,64
5/16"	10	S	M18x1.5	28203181005	4,95
3/8"	10	S	M18x1.5	28203181006	5,09
5/16"	12	L	M20x1.5	28203201205	5,06
3/8"	12	S	M20x1.5	28203201206	5,14
3/8"	14	S	M22x1.5	28203221406	5,67
1/2"	16	S	M24x1.5	28203241608	6,44
5/8"	20	S	M30x2	28203302010	9,70
3/4"	20	S	M30x2	28203302012	13,21
3/4"	25	S	M36x2	28203362512	17,74
1"	25	S	M36x2	28203362516	20,31
1"	30	S	M42x2	28203423016	25,22
1"1/4	38	S	M52x2	28203523820	44,11

# ONE PIECE FITTINGS 43 SERIES 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Einteilige Armaturen Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

HOSES

FLEXIBLE HOSE  
FITTINGS

FLOW  
MEASURING

EQUIPMENT FOR  
FLEXIBLE HOSES

## One piece Metric female cone 24° (90° Elbow)

Hembras giratorias 90° una sola pieza Métricas cono 24° - DKO 90°

Dichtkegel mit Ü-Mutter NP 90° Bogen einteilig

Coude 90° femelle pré-sertie Métrique cono 24°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
1/4"	6	L	M12x1.5	28305120604	4,93
1/4"	8	L	M14x1.5	28305140804	5,03
1/4"	10	L	M16x1.5	28305161004	5,21
5/16"	10	L	M16x1.5	28305161005	5,79
3/8"	10	L	M16x1.5	28305161006	6,05
5/16"	12	L	M18x1.5	28305181205	6,50
3/8"	12	L	M18x1.5	28305181206	6,02
3/8"	15	L	M22x1.5	28305221506	8,37
1/2"	15	L	M22x1.5	28305221508	7,74
5/8"	18	L	M26x1.5	28305261810	12,42
3/4"	22	L	M30x2	28305302212	17,76
1"	28	L	M36x2	28305362816	27,42
1 1/4"	35	L	M45x2	28305453520	51,27
1 1/2"	42	L	M52x2	28305524224	83,19
1/4"	8	S	M16x1.5	28305160804	5,11
1/4"	10	S	M18x1.5	28305181004	5,19
5/16"	10	S	M18x1.5	28305181005	6,92
3/8"	10	S	M18x1.5	28305181006	8,05
5/16"	12	S	M20x1.5	28305201205	6,85
3/8"	12	S	M20x1.5	28305201206	5,78
3/8"	14	S	M22x1.5	28305221406	7,73
1/2"	16	S	M24x1.5	28305241608	8,24
5/8"	20	S	M30x2	28305302010	13,86
3/4"	20	S	M30x2	28305302012	19,54
3/4"	25	S	M36x2	28305362512	23,09
1"	25	S	M36x2	28305362516	29,75
1"	30	S	M42x2	28305423016	33,90
1 1/4"	38	S	M52x2	28305523820	63,67

## One piece Metric female cone 24° (45° Elbow)

Hembras giratorias 45° una sola pieza Métricas cono 24° - DKO 45°

Dichtkegel mit Ü-Mutter NP 45° Bogen einteilig kon.

Coude 45° femelle pré-sertie Métrique cono 24°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
1/4"	6	L	M12x1.5	28306120604	4,96
1/4"	8	L	M14x1.5	28306140804	5,07
1/4"	10	L	M16x1.5	28306161004	5,38
5/16"	10	L	M16x1.5	28306161005	5,80
3/8"	10	L	M16x1.5	28306161006	6,11
5/16"	12	L	M18x1.5	28306181205	6,95
3/8"	12	L	M18x1.5	28306181206	5,69
1/2"	15	L	M22x1.5	28306221508	8,65
5/8"	18	L	M26x1.5	28306261810	12,76
3/4"	22	L	M30x2	28306302212	19,25
1"	28	L	M36x2	28306362816	28,18
1 1/4"	35	L	M45x2	28306453520	53,22
1 1/2"	42	L	M52x2	28306524224	79,44
1/4"	8	S	M16x1.5	28306160804	5,99
1/4"	10	S	M18x1.5	28306181004	6,77
5/16"	12	S	M20x1.5	28306201205	7,90
3/8"	12	S	M20x1.5	28306201206	7,76
3/8"	14	S	M22x1.5	28306221406	8,70
1/2"	16	S	M24x1.5	28306241608	8,92
5/8"	20	S	M30x2	28306302010	15,12
3/4"	20	S	M30x2	28306302012	19,48
3/4"	25	S	M36x2	28306362512	22,90
1"	25	S	M36x2	28306362516	28,53
1"	30	S	M42x2	28306423016	33,36
1 1/4"	38	S	M52x2	28306523820	65,65

## One piece Banjo metric

Orientable una sola pieza Métrico Recto

Dichtkopf mit BSP Ü-Mutter einteilig mit O-Ring

Banjo droit pré-serti Métrique



DN	Ø	Referencia Part n°	€
1/4"	M10x1	281161004	4,61
1/4"	M12x1.5	281161204	4,70
1/4"	M14x1.5	281161404	5,15
5/16"	M14x1.5	281161405	6,11
3/8"	M14x1.5	281161406	5,79
5/16"	M16x1.5	281161605	5,84
3/8"	M16x1.5	281161606	5,70
3/8"	M18x1.5	281161806	6,84
1/2"	M18x1.5	281161808	7,18
1/2"	M22x1.5	281162208	9,56
5/8"	M22x1.5	281162210	9,91
3/4"	M30x2	281163012	17,94

# ONE PIECE FITTINGS 43 SERIES 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Einteilige Armaturen Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

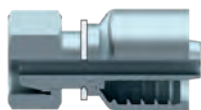
Embout pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

## One piece Female metric swivel 24° / 60° cone

Hembras giratorias una sola pieza Métricas cono 24° / 60°

Dichtkopf mit Ü-Mutter metr. einteilig kon. 24° / 60°

Femelle tournante pré-sertie Métrique cône 24° - 60°



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
1/4"	8L	M14X1.5	284049511	3,88
1/4"	10L	M16X1.5	284049520	4,28
5/16"	10L	M16X1.5	284049523	4,71
3/8"	10L	M16X1.5	284049524	5,25
5/16"	12L	M18X1.5	284049525	5,12
3/8"	12L	M18X1.5	284049535	5,12
3/8"	15L	M22X1.5	284049552	6,73
1/2"	15L	M22X1.5	284049555	7,27
5/8"	18L	M26X1.5	284049571	9,96

## One piece Female metric swivel 24° / 60° cone (90° Elbow)

Hembras giratorias 90° una sola pieza Métricas cono 24° / 60°

Dichtkopf 90° mit Ü-Mutter metr. einteilig kon. 24° / 60°

Femelle tournante coude 90° pré-sertie Métrique cône 24° - 60°



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
1/4"	8L	M14X1.5	284059511	4,41
1/4"	10L	M16X1.5	284059520	4,79
5/16"	10L	M16X1.5	284059523	5,11
3/8"	10L	M16X1.5	284059524	6,01
5/16"	12L	M18X1.5	284059525	5,54
3/8"	12L	M18X1.5	284059535	5,54
3/8"	15L	M22X1.5	284059552	7,73
1/2"	15L	M22X1.5	284059555	8,43
5/8"	18L	M26X1.5	284059571	12,23

## One piece Female metric swivel 24° / 60° cone (45° Elbow)

Hembras giratorias 45° una sola pieza Métricas cono 24° / 60°

Dichtkopf 45° mit Ü-Mutter metr. einteilig kon. 24° / 60°

Femelle tournante coude 45° pré-sertie Métrique cône 24° - 60°



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
1/4"	8L	M14X1.5	284069511	5,78
5/16"	10L	M16X1.5	284069523	6,52
3/8"	10L	M16X1.5	284069524	7,26
5/16"	12L	M18X1.5	284069525	7,26
3/8"	12L	M18X1.5	284069535	5,76
1/2"	15L	M22X1.5	284069555	9,70
5/8"	18L	M26X1.5	284069571	14,39

## One piece Metric standpipe

Espiga lisa recta una sola pieza Métrica

Metr. Stutzen glatt einteilig

Embout lisse droit pré-serti Métrique



DN	TUBO PIPE	Referencia Part n°	€
1/4"	6	281580604	3,45
1/4"	8	281580804	3,12
5/16"	8	281580805	6,77
1/4"	10	281581004	3,10
5/16"	10	281581005	4,27
3/8"	10	281581006	3,89
1/4"	12	281581204	3,97
5/16"	12	281581205	4,26
3/8"	12	281581206	3,98
1/2"	12	281581208	8,72
3/8"	14	281581406	4,96
1/2"	14	281581408	5,96
3/8"	15	281581506	4,50
1/2"	15	281581508	5,00
1/2"	16	281581608	5,76
1/2"	18	281581808	5,01
5/8"	18	281581810	7,99
3/4"	20	281582012	12,07
3/4"	22	281582212	11,40
1"	25	281582516	18,56
1"	28	281582816	16,81
1"	30	281583016	17,80
1"1/4	35	281583520	34,88
1"1/2	42	281584224	43,11

## One piece Komatsu swivel female 60° cone

Hembras giratorias rectas una sola pieza Komatsu cono 60°

Dichtkopf gerade Komatsu kon. 60° einteilig

Femelle tournante droite Komatsu pré-serti Métrique (cône 60°)



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	M14X1.5	288049625	6,52
3/8"	M18X1.5	288049635	6,57
1/2"	M22X1.5	288049655	10,54
5/8"	M24X1.5	288049665	13,79
3/4"	M30X1.5	288049684	18,13
1"	M33X1.5	288049685	24,82

## One piece Double crimp standpipe

Espigas de prensar dobles una sola pieza

Press-Doppelstutzen einteilig

Embout double jonction pré-serti



DN	Referencia Part n°	€
1/4"	283000404	4,07
5/16"	283000505	5,06
3/8"	283000606	4,88
1/2"	283000808	5,72
3/4"	283001212	16,51
1"	283001616	24,34

# ONE PIECE FITTINGS 43 SERIES 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Einteilige Armaturen Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

## One piece BSP female 60° cone

Hembras giratorias rectas una sola pieza rosca BSP cono 60°

Dichtkopf mit Ü-Mutter einteilig BSP 60° kon.

Femelle pré-sertie BSP cone 60°



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/8" BSP	281000204	3,84
3/16"	1/4" BSP	281000403	3,92
1/4"	1/4" BSP	281000404	3,50
5/16"	1/4" BSP	281000405	4,45
3/8"	1/4" BSP	281000406	4,61
1/4"	3/8" BSP	281000604	4,29
5/16"	3/8" BSP	281000605	4,60
3/8"	3/8" BSP	281000606	4,46
1/2"	3/8" BSP	281000608	5,34
1/4"	1/2" BSP	281000804	4,91
3/8"	1/2" BSP	281000806	5,24
1/2"	1/2" BSP	281000808	5,58
5/8"	1/2" BSP	281000810	7,60
1/2"	5/8" BSP	281001008	7,08
5/8"	3/4" BSP	NEW 281001210	8,56
5/8"	5/8" BSP	281001010	7,80
1/2"	3/4" BSP	281001208	7,21
3/4"	3/4" BSP	281001212	11,37
3/4"	1" BSP	281001612	15,30
1"	1" BSP	281001616	16,77

## One piece double hexagonal BSP female 60° cone

Hembras giratorias rectas una sola pieza rosca BSP cono 60° doble hexagonal

Dichtkopf mit Ü-Mutter einteilig BSP 60° kon. doppelt 6 kt

Femelle pré-sertie BSP cone 60° double hexagonal



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	284000404	4,87
5/16"	3/8" BSP	284000605	5,76
3/8"	3/8" BSP	284000606	6,01
1/2"	1/2" BSP	284000808	7,18
3/4"	3/4" BSP	284001212	15,84
1"	1" BSP	284001616	20,65
1"1/4"	1"1/4 BSP	284002020	44,78
1"1/2"	1"1/2 BSP	284002424	65,78
2"	2" BSP	284003232	111,72

## One piece BSP Swivel female 60° cone compact (90° Elbow)

Hembras giratorias 90° una sola pieza BSP cono 60° (compactas)

Dichtkopf 90° einteilig mit BSP Ü-Mutter (kompakt)

Coude 90° femelle tournante pré-serti compact gaz cyl BSP 60°



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	281270404	6,40
3/8"	3/8" BSP	281270606	7,99
1/2"	1/2" BSP	281270808	10,00
3/4"	3/4" BSP	281271212	18,48

## One piece BSP female cone 60° (90° Elbow)

Hembras giratorias 90° una sola pieza rosca BSP cono 60°

Dichtkopf mit BSP einteilig Ü-Mutter 60° kon. 90°

Coude 90° femelle pré-sertie BSP cone 60°



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/8" BSP	281070204	4,60
1/4"	1/4" BSP	281070404	4,58
1/4"	3/8" BSP	281070604	5,53
5/16"	3/8" BSP	281070605	6,24
3/8"	3/8" BSP	281070606	5,99
1/4"	1/2" BSP	281070804	7,51
3/8"	1/2" BSP	281070806	6,91
1/2"	1/2" BSP	281070808	7,48
1/2"	5/8" BSP	281071008	11,65
5/8"	5/8" BSP	281071010	12,08
1/2"	3/4" BSP	281071208	11,59
5/8"	3/4" BSP	281071210	13,27
3/4"	3/4" BSP	281071212	15,42
3/4"	1" BSP	281071612	22,50
1"	1" BSP	281071616	24,82

## One piece BSP female 60° cone (45° Elbow)

Hembras giratorias 45° una sola pieza rosca BSP cono 60°

Dichtkopf mit BSP Ü-Mutter 60° einteilig kon. 45°

Coude 45° femelle pré-sertie BSP cone 60°



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/8" BSP	281080204	4,31
1/4"	1/4" BSP	281080404	4,62
1/4"	3/8" BSP	281080604	5,24
5/16"	3/8" BSP	281080605	6,45
3/8"	3/8" BSP	281080606	6,18
3/8"	1/2" BSP	281080806	7,65
1/2"	1/2" BSP	281080808	7,98
1/2"	5/8" BSP	281081008	10,98
5/8"	5/8" BSP	281081010	12,27
5/8"	3/4" BSP	281081210	13,97
3/4"	3/4" BSP	281081212	17,24
3/4"	1" BSP	281081612	24,44
1"	1" BSP	281081616	24,94

# ONE PIECE FITTINGS 43 SERIES 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Einteilige Armaturen Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

## One piece BSP female 60° cone +o'ring

Hembras giratorias rectas una sola pieza rosca BSP cono 60° con junta tórica

Dichtkopf einteilig mit BSP Ü-Mutter mit O-Ring

Femelle pré-sertie BSP cono 60°+ o'ring



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	281100404	3,91
3/8"	3/8" BSP	281100606	5,03
1/2"	1/2" BSP	281100808	6,07
5/8"	5/8" BSP	281101010	9,32
5/8"	3/4" BSP	281101210	9,71
3/4"	3/4" BSP	281101212	11,69
1"	1" BSP	281101616	19,50
1"	1"1/4 BSP	281102016	27,74
1" 1/4	1"1/4 BSP	281102020	38,99
1" 1/4	1" 1/2 BSP	281102420	45,81
1" 1/2	1" 1/2 BSP	281102424	52,70
1" 1/2	2" BSP	281103224	74,02
2"	2" BSP	281103232	91,19

## One piece BSP female cone 60° (90° Elbow) +o'ring

Hembras giratorias 90° una sola pieza rosca BSP cono 60° con junta tórica

Dichtkopf 90° einteilig mit BSP Ü-Mutter mit O-Ring

Coude 90° femelle pré-sertie BSP cono 60° +o'ring



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	281170404	5,93
3/8"	3/8" BSP	281170606	7,41
1/2"	1/2" BSP	281170808	9,76
5/8"	5/8" BSP	281171010	13,75
3/4"	3/4" BSP	281171212	18,42
1"	1" BSP	281171616	28,49
1"	1" 1/4 BSP	281172016	40,66
1"1/4	1"1/4 BSP	281172020	55,26
1" 1/4	1" 1/2 BSP	281172420	56,88
1"1/2	1"1/2 BSP	281172424	68,74
2"	2" BSP	281173232	147,92

## One piece BSP female 60° cone (45° Elbow) +o'ring

Hembras giratorias 45° una sola pieza rosca BSP cono 60° con junta tórica

Dichtkopf 45° einteilig mit BSP Ü-Mutter mit O-Ring

Coude 45° femelle pré-sertie BSP cono 60° +o'ring



DN	ROSCA THREAD	Referencia Part n°	€
3/8"	3/8" BSP	281180606	6,64
1/2"	1/2" BSP	281180808	8,10
5/8"	5/8" BSP	281181010	12,55
3/4"	3/4" BSP	281181212	22,82
1"	1" BSP	281181616	26,21
1"1/4	1"1/4 BSP	281182020	44,82
1"1/2	1"1/2 BSP	281182424	62,10
2"	2" BSP	281183232	100,29

## One piece BSP Swivel female flat seat

Hembras giratorias rectas una sola pieza BSP asiento plano

Dichtkopf einteilig mit BSP Ü-Mutter flachdichtend

Femelle pré-sertie tournante fond plat BSP



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	282000404	3,98
5/16"	3/8" BSP	282000605	5,23
3/8"	3/8" BSP	282000606	5,28
3/8"	1/2" BSP	282000806	5,35
1/2"	1/2" BSP	282000808	5,71
1/2"	3/4" BSP	282001208	8,46
3/4"	3/4" BSP	282001212	12,83
1"	1" BSP	282001616	18,43
1" 1/4	1"1/4 BSP	282002020	40,43
1" 1/2	1" 1/2 BSP	282002424	55,34

## One piece BSP Swivel female flat seat (90° Elbow)

Hembras giratorias 90° una sola pieza BSP asiento plano

Dichtkopf einteilig mit BSP Ü-Mutter 90° flachdichtend

Embout pré-serti coude 90° femelle tournante fond plat BSP



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	282070404	5,32
3/8"	3/8" BSP	282070606	7,05
1/2"	1/2" BSP	282070808	7,46
3/4"	3/4" BSP	282071212	19,10
1"	1" BSP	282071616	30,32

## One piece BSP Male flat seat

Macho rosca cilíndrica BSP una sola pieza asiento plano

BSP Außengewinde einteilig flachdichtend

Mâle pré-serti fixe gaz cyl fond plat



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	282120404	4,88
3/8"	3/8" BSP	282120606	6,31
3/8"	1/2" BSP	282120806	7,88
1/2"	1/2" BSP	282120808	8,08
3/4"	3/4" BSP	282121212	14,76
1"	1" BSP	282121616	23,17

# ONE PIECE FITTINGS 43 SERIES 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Einteilige Armaturen Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

## One piece BSP male 60° cone

Machos una sola pieza rosca cilíndrica BSP cono 60°

Außengewinde zyl. einteilig kon. BSP 60°

Mâle pré-serti BSP cone 60°



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/8" BSP	281120204	3,71
1/4"	1/4" BSP	281120404	3,62
3/8"	1/4" BSP	281120406	5,20
1/4"	3/8" BSP	281120604	4,41
5/16"	3/8" BSP	281120605	4,80
3/8"	3/8" BSP	281120606	4,60
1/2"	3/8" BSP	281120608	5,78
1/4"	1/2" BSP	281120804	5,86
3/8"	1/2" BSP	281120806	5,80
1/2"	1/2" BSP	281120808	5,75
1/2"	5/8" BSP	281121008	9,00
5/8"	5/8" BSP	281121010	9,25
1/2"	3/4" BSP	281121208	8,86
5/8"	3/4" BSP	281121210	10,27
3/4"	3/4" BSP	281121212	11,65
3/4"	1" BSP	281121612	18,58
1"	1" BSP	281121616	17,08
1"	1"1/4 BSP	281122016	31,42
1"1/4"	1"1/4 BSP	281122020	41,49
1"1/2"	1"1/2 BSP	281122424	50,47
2"	2" BSP	281123232	94,43

## One piece BSPT Male tapered

Macho rosca cónica una sola pieza BSPT

Außengewinde einteilig BSPT 60° kon.

Mâle pré-serti fixe gaz conique BSPT



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/8" BSPT	281140204	3,29
1/4"	1/4" BSPT	281140404	3,29
1/4"	3/8" BSPT	281140604	4,12
5/16"	3/8" BSPT	281140605	4,33
3/8"	3/8" BSPT	281140606	4,45
3/8"	1/2" BSPT	281140806	5,04
1/2"	1/2" BSPT	281140808	5,57
5/8"	3/4" BSPT	281141210	9,87
3/4"	3/4" BSPT	281141212	12,63
3/4"	1" BSPT	281141612	16,66
1"	1" BSPT	281141616	19,54
1"	1"1/4 BSPT	281142016	26,55
1"1/4"	1"1/4 BSPT	281142020	39,86
1"1/2"	1"1/2 BSPT	281142424	47,07
2"	2" BSPT	281143232	95,04

## One piece Banjo BSP

Orientable una sola pieza BSP

Ringauge einteilig BSP

Embout pré-serti Banjo droit gaz



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	281110404	4,39
5/16"	1/4" BSP	281110405	5,47
3/8"	1/4" BSP	281110406	5,46
1/4"	3/8" BSP	281110604	5,64
5/16"	3/8" BSP	281110605	6,45
3/8"	3/8" BSP	281110606	5,95
1/2"	3/8" BSP	281110608	6,36
3/8"	1/2" BSP	281110806	7,68
1/2"	1/2" BSP	281110808	8,06
5/8"	5/8" BSP	281111010	16,57
1/2"	3/4" BSP	281111208	14,56
5/8"	3/4" BSP	281111210	19,12
3/4"	3/4" BSP	281111212	19,63
1"	1" BSP	281111616	41,47



# CONFIGURA TUS PROPIAS CONEXIONES EN UNA SOLA PIEZA. CONSÚLTANOS.

Configure your own one piece series fittings. Consult us.

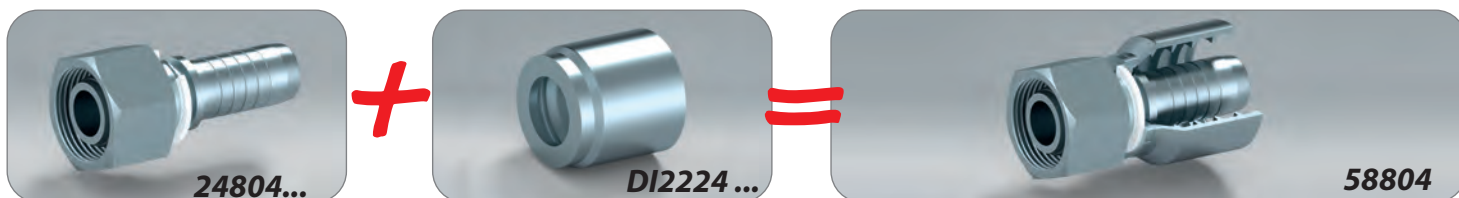
## ■ Conexiones Una sola pieza Serie 43

*One piece fittings 43 Series*



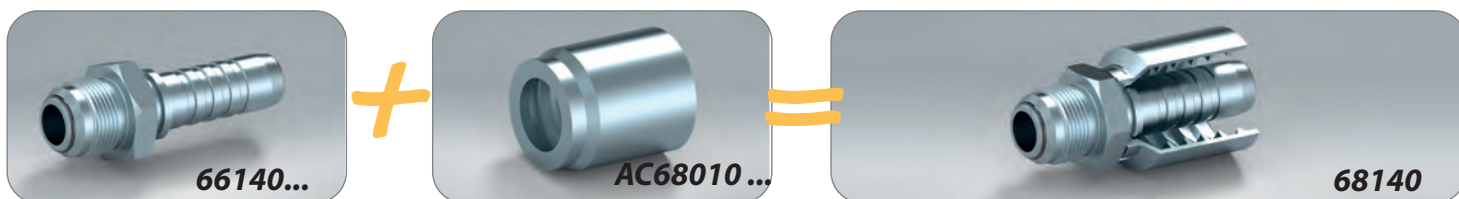
## ■ Conexiones Una sola pieza Serie BWS 3SP/4SP/4SH/R12 NEW

*One piece fittings Standard Serie 3SP/4SP/4SH/R12*



## ■ Conexiones una sola pieza Serie BW R12/4SP/4SH

*One piece fittings BW Series R12/4SP/4SH*



## ■ Conexiones una sola pieza Serie BW+ R13/R15 NEW

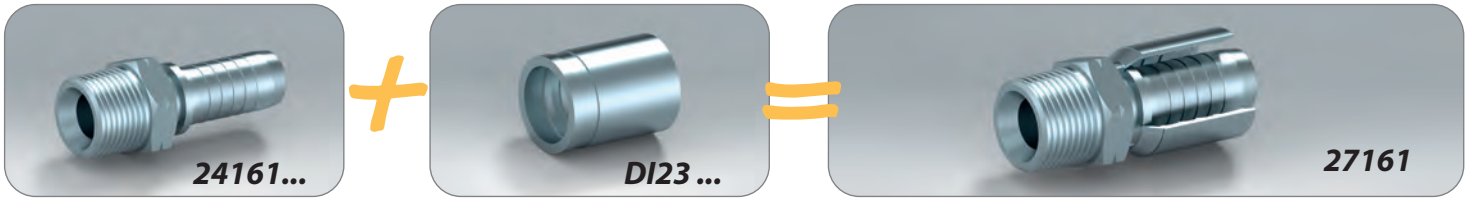
*One piece fittings BW Series R13/R15*



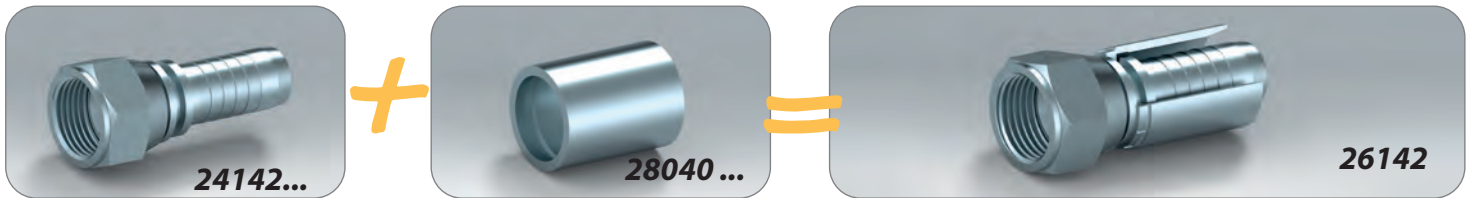
# CONFIGURA TUS PROPIAS CONEXIONES EN UNA SOLA PIEZA. CONSÚLTANOS.

Configure your own one piece series fittings. Consult us.

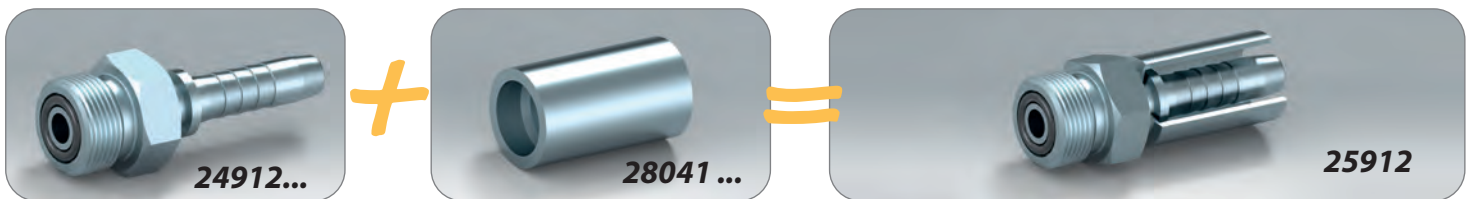
## ■ Conexiones Una sola pieza R7 / R8 y elastómero malla metálica *Piece fittings R7 / R8 & braid of steel wire*



## ■ Conexiones Una sola pieza PTFE liso *One piece fittings for smooth PTFE*



## ■ Conexiones Una sola pieza PTFE corrugado *One piece fittings for convoluted PTFE*



COMBINACIONES  
INFINITAS  
CONSULTANOS!

ENDLESS FITTINGS  
COMBINATIONS.  
FIND THEM OUT!

## ONE PIECE FITTINGS BW SERIES R12 / 4SP / 4SH NO SKIVE

Conexiones Serie BW una sola pieza R12 / 4SP / 4SH No Pelar  
Einteilige Armaturen Serie BW R12 / 4SP / 4SH ohne Schälung  
Embouts pré-sertis Série BW R12 / 4SP / 4SH sans dénuder

### JIC 37° male

Macho JIC 37°

Außengewinde JIC 37°

Mâle JIC 37°



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	1"1/16 12h UNF	681401712	14,51

### JIC 37° swivel female

Hembras giratorias rectas JIC 37° doble hexagono

Dichtkonus mit Ü-Mutter JIC 37° DKJ doppelt 6 kt

Femelle JIC 37°



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	1"1/16 12h UNF	682421712	16,22
1"	1"5/16 12h UNF	682422116	20,88

### JIC 37° swivel female (90° Elbow)

Hembras giratorias 90° JIC 37°

Dichtkonus JIC 37° DKJ 90°

Coude 90° femelle JIC 37°



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	1"1/16 12h UNF	681381712	17,89

### JIC 37° swivel female (45° Elbow)

Hembras giratorias 45° JIC 37°

Dichtkonus JIC 37° DKJ 45°

Coude 45° femelle JIC 37°



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	1"1/16 12h UNF	681391712	17,93

### ORFS Swivel female (90° Elbow)

Hembra giratoria 90° ORFS asiento plano

Dichtkopf mit Ü-Mutter ORFS 90° flachdichtend

Coude 90° femelle ORFS



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	1"3/16 12h UNF	689071212	21,46

### ORFS Swivel female (45° Elbow)

Hembra giratoria 45° ORFS asiento plano

Dichtkopf mit Ü-Mutter ORFS 45° flachdichtend

Coude 45° femelle ORFS



TUBO	ROSCA THREAD	Referencia Part n°	€
3/4"	1"3/16 12h UNF	689081212	23,75
1"	1"7/16 12h UNF	689081616	36,75

## ONE PIECE FITTINGS BW SERIES R12 / 4SP / 4SH NO SKIVE

Conexiones Serie BW una sola pieza R12 / 4SP / 4SH No Pelar  
Einteilige Armaturen Serie BW R12 / 4SP / 4SH ohne Schälung  
Embouts pré-sertis Série BW R12 / 4SP / 4SH sans dénuder

### One piece 3000 PSI SAE Straight Flange/ Code 61

Brida recta SAE 3000 PSI

Gerader Flansch SAE 3000 PSI

Bride SAE droite série 3000 PSI



DN	∅	Referencia Part n°	€
3/4"	38.1	681821212	19,55

### One piece 3000 PSI SAE Flange (90° Elbow)/ Code 61

Brida a 90° SAE 3000 PSI

Flansch 90° SAE 3000 PSI

Bride SAE coude 90° série 3000 PSI



DN	∅	Referencia Part n°	€
3/4"	38.1	681831212	22,66
1"1/4	50.8	681832020	42,04

### One piece 3000 PSI SAE Flange (45° Elbow)/ Code 61

Brida a 45° SAE 3000 PSI

Flansch 45° SAE 3000 PSI

Bride SAE coude 45° série 3000 PSI



DN	∅	Referencia Part n°	€
3/4"	38.1	681841212	22,66
1"	44.5	681841616	32,44
1"1/4	50.8	681842020	52,45

### One piece 6000 PSI SAE Straight Flange/ Code 62

Brida recta SAE 6000 PSI

Gerader Flansch SAE 6000 PSI

Bride SAE droite série 6000 PSI



DN	∅	Referencia Part n°	€
3/4"	41,3	682821212	22,53
1"	47,6	682821616	31,70

### One piece 6000 PSI SAE Flange (90° Elbow)/ Code 62

Brida a 90° SAE 6000 PSI

Flansch 90° SAE 6000 PSI

Bride SAE coude 90° série 6000 PSI



DN	∅	Referencia Part n°	€
3/4"	41.3	682831212	23,24
1"	47.6	682831616	33,97

### One piece 6000 PSI SAE Flange (45° Elbow)/ Code 62

Brida a 45° SAE 6000 PSI

Flansch 45° SAE 6000 PSI

Bride SAE coude 45° série 6000 PSI



DN	∅	Referencia Part n°	€
3/4"	41,3	682841212	23,24
1"	47,6	682841616	33,97

## ONE PIECE FITTINGS BW SERIES R12 / 4SP / 4SH NO SKIVE

Conexiones Serie BW una sola pieza R12 / 4SP / 4SH No Pelar  
Einteilige Armaturen Serie BW R12 / 4SP / 4SH ohne Schälung  
Embouts pré-sertis Série BW R12 / 4SP / 4SH sans dénuder

### Metric swivel female 24° seat with o'ring (90° Elbow)

Hembras giratorias 90° Métricas cono 24° con junta tórica

Dichtkegel mit Ü-Mutter kon. 24° DKO 90°

Coude 90° femelle Métrique 24° avec o'ring



ROSCA THREAD	Referencia Part n°	€
3/4"	M36X2	68205362512 24,29
1"1/4	M52X2	68205523820 63,22

### Metric swivel female 24° seat with o'ring (45° Elbow)

Hembras giratorias 45° Métricas cono 24° con junta tórica

Dichtkegel mit Ü-Mutter kon. 24° DKO 45°

Coude 45° femelle Métrique 24° avec o'ring



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	M36X2	68206362512	24,10

### Metric male stud 24° cone

Machos fijos Métricos cono 24°

Außengewinde metr. kon. 24°

Mâle Métrique cone 24°



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	M36X2	68203362512	18,94
1"	M42X2	68203423016	26,08

### BSP Swivel female 60° cone

Hembras giratorias rectas BSP cono 60°

Dichtkopf mit BSP Ü-Mutter 60°

Femelle tournante gaz cyl BSP 60°



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	3/4" BSP	681101212	12,89

### BSP Swivel female 60° cone (90° Elbow)

Hembras giratorias 90° BSP cono 60°

Dichtkopf mit BSP Ü-Mutter 60° kon. 90°

Coude 90° femelle tournante gaz cyl BSP 60°



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	3/4" BSP	681071212	16,62
1"	1" BSP	681071616	25,68
1"1/4	1"1/4 BSP	681072020	54,81

### BSP Swivel female 60° cone (45° Elbow)

Hembras giratorias 45° BSP cono 60°

Dichtkopf mit BSP 60° Ü-Mutter 45° kon.

Hembras giratorias 45° BSP cono 60°



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	3/4" BSP	681081212	18,44
1"1/4	1"1/4 BSP	681082020	54,81

### BSP Male 60°

Macho BSP cono 60°

Außengewinde BSP kon. 60°

Mâle gaz cylindrique BSP 60°



DN	ROSCA THREAD	Referencia Part n°	€
1"	1" BSP	681121616	17,94
1"1/4	1"1/4 BSP	681122020	41,04

# ONE PIECE FITTINGS BWS SERIES 3SP/4SP/R12/4SH NO SKIVE

Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar  
 Armaturen Serie BWS 3SP/4SP/R12/4SH ohne Schälung  
 Embouts pré-sertis BWS 3SP/4SP/R12/4SH Sans dénuder

## R13 & R15 - Ø 3/4" - 1"

### One piece JIC 37° male



Machos una sola pieza rosca JIC 37°

Außengewinde einteilig JIC 37°

Mâle pré-serti JIC 37°



DN	ROSCA THREAD	Referencia Part n°	€
3/8"	9/16" 18h UNF	581400906	4,41
1/2"	3/4" 16h UNF	581401208	5,62
5/8"	7/8" 14h UNF	581401410	8,75
3/4"	1"1/16 12h UN	581401712	14,51
1"	1"5/16 12h UN	581402116	21,29
1"1/4	1"5/8 12h UN	581402620	39,72
1"1/2	1"7/8 12 UN	581403024	63,93
2"	2"1/2 12h UN	581404032	109,42

### One piece JIC 37° Swivel female (45° Elbow)



Hembras giratorias 45° una sola pieza JIC 37°

Dichtkopf JIC 37° einteilig 45°

Coude 45° femelle pré-sertie JIC 37°



DN	ROSCA THREAD	Referencia Part n°	€
3/8"	9/16" 18h UNF	581390906	6,71
1/2"	3/4" 16h UNF	581391208	9,41
5/8"	7/8" 14h UNF	581391410	12,67
3/4"	1"1/16 12h UN	581391712	17,93
1"	1"5/16 12h UN	581392116	26,47
1"1/4	1"5/8 12h UN	581392620	55,33
1"1/2	1"7/8 12 UN	581393024	89,78
2"	2"1/2 12h UN	581394032	155,64

### One piece JIC 37° Swivel female



Hembras giratorias rectas una sola pieza JIC 37°

Dichtkopf mit Ü-Mutter einteilig JIC 37°

Femelle pré-sertie JIC 37°



DN	ROSCA THREAD	Referencia Part n°	€
3/8"	9/16" 18h UNF	581420906	4,66
1/2"	3/4" 16h UNF	581421208	6,50
5/8"	7/8" 14h UNF	581421410	9,07
3/4"	1"1/16 12h UN	581421712	12,68
1"	1"5/16 12h UN	581422116	20,59
1"1/4	1"5/8 12h UN	581422620	34,93
1"1/2	1"7/8 12 UN	581423024	59,01
2"	2"1/2 12h UN	581424032	99,38

### One piece double hexagonal JIC 37° Swivel female



Hembras giratorias rectas una sola pieza JIC 37°  
 doble hexagonal

Dichtkopf mit Ü-Mutter einteilig JIC 37° doppelt  
 6 kt

Femelle pré-sertie JIC 37° double hexagonal



DN	ROSCA THREAD	Referencia Part n°	€
3/8"	9/16" 18h UNF	582420906	5,99
1/2"	3/4" 16h UNF	582421208	7,74
3/4"	1"1/16 12h UN	582421712	16,22
1"	1"5/16 12h UN	582422116	20,88
1"1/4	1"5/8 12h UN	582422620	43,01
1"1/2	1"7/8 12 UN	582423024	72,25
2"	2"1/2 12h UN	582424032	123,90

### One piece JIC 37° Swivel female (90° Elbow)



Hembras giratorias 90° una sola pieza JIC 37°

Dichtkopf einteilig Ü-Mutter 37° JIC 90°

Coude 90° femelle pré-sertie JIC 37°



DN	ROSCA THREAD	Referencia Part n°	€
3/8"	9/16" 18h UNF	581380906	7,15
1/2"	3/4" 16h UNF	581381208	7,50
5/8"	7/8" 14h UNF	581381410	13,61
3/4"	1"1/16 12h UN	581381712	17,89
1"	1"5/16 12h UN	581382116	25,93
1"1/4	1"5/8 12h UN	581382620	51,20
1"1/2	1"7/8 12 UN	581383024	81,84
2"	2"1/2 12h UN	581384032	152,08

# ONE PIECE FITTINGS BWS SERIES 3SP/4SP/R12/4SH NO SKIVE

Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar  
Armaturen Serie BWS 3SP/4SP/R12/4SH ohne Schälung  
Embouts pré-sertis BWS 3SP/4SP/R12/4SH Sans dénuder

## One piece ORFS Swivel female

NEW

Hembras giratorias rectas una sola pieza ORFS

Dichtkopf mit ORFS einteilig Ü-Mutter

Femelle pré-sertie ORFS



DN	ROSCA THREAD	Referencia Part n°	€
3/8"	11/16" 16h UNF	589000606	4,83
1/2"	13/16" 16h UNF	589000808	6,62
5/8"	1" 14h UNF	589001010	11,44
3/4"	1"3/16 12h UNF	589001212	16,27
1"	1"7/16 12h UNF	589001616	18,74
1"1/4	1"11/16 12h UNF	589002020	42,49
1"1/2	2" 12h UNF	589002424	75,71

## One piece ORFS Swivel female (90° Elbow)

NEW

Hembras giratorias 90° una sola pieza ORFS

Dichtkopf 90° ORFS einteilig

Coude 90° femelle pré-sertie ORFS



DN	ROSCA THREAD	Referencia Part n°	€
3/8"	11/16" 16h UNF	589070606	7,25
1/2"	13/16" 16h UNF	589070808	9,15
5/8"	1" 14h UNF	589071010	14,49
3/4"	1"3/16 12h UNF	589071212	21,46
1"	1"7/16 12h UNF	589071616	33,09
1"1/4	1"11/16 12h UNF	589072020	60,02
1"1/2	2" 12h UNF	589072424	94,65

## One piece ORFS Swivel female (45° Elbow)

NEW

Hembras giratorias 45° una sola pieza ORFS

Dichtkopf 45° ORFS einteilig

Coude 45° femelle pré-sertie ORFS



DN	ROSCA THREAD	Referencia Part n°	€
3/8"	11/16" 16h UNF	589080606	7,61
1/2"	13/16" 16h UNF	589080808	9,69
5/8"	1" 14h UNF	589081010	15,41
3/4"	1"3/16 12h UNF	589081212	23,75
1"	1"7/16 12h UNF	589081616	36,75
1"1/4	1"11/16 12h UNF	589082020	57,45
1"1/2	2" 12h UNF	589082424	94,65

## One piece ORFS male

NEW

Machos una sola pieza ORFS

Außengewinde ORFS

Mâle pré-serti ORFS



DN	ROSCA THREAD	Referencia Part n°	€
3/8"	11/16" 16h UN	589120606	5,71
1/2"	13/16" 16h UN	589120808	7,42
5/8"	1" 14h UNS	589121010	10,11
3/4"	1"3/16 12h UN	589121212	15,15
1"	1"7/16 12h UN	589121616	23,59
1"1/4	1"11/16 12h UN	589122020	42,49

## One piece NPSM Swivel female 60° cone

NEW

Hembras giratorias rectas una sola pieza rosca NPSM cono 60°

Dichtkopf mit NPSM einteilig Ü-Mutter 60° kon.

Femelle pré-sertie NPSM cone 60°



DN	ROSCA THREAD	Referencia Part n°	€
3/8"	3/8" NPT	582610606	5,59
1/2"	1/2" NPT	582610808	7,21
3/4"	3/4" NPT	582611212	13,95
1"	1" NPT	582611616	19,30

## One piece NPT male pipe straight

NEW

Machos una sola pieza rosca cónica NPT

Außengewinde einteilig kon. NPT

Mâle pré-serti NPT



DN	ROSCA THREAD	Referencia Part n°	€
3/8"	3/8" NPT	581610606	5,23
1/2"	1/2" NPT	581610808	5,96
3/4"	3/4" NPT	581611212	13,43
1"	1" NPT	581611616	19,06
1"1/4	1"1/4 NPT	581612020	38,12
1"1/2	1"1/2 NPT	581612424	60,68
2"	2" NPT	581613232	100,78

# ONE PIECE FITTINGS BWS SERIES 3SP/4SP/R12/4SH NO SKIVE

Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar  
 Armaturen Serie BWS 3SP/4SP/R12/4SH ohne Schälung  
 Embouts pré-sertis BWS 3SP/4SP/R12/4SH Sans dénuder

## One piece 3000 PSI SAE Straight Flange / Code 61



Bridas rectas una sola pieza SAE 3000 PSI

Gerader Kompaktflansch SAE 3000 PSI

Bride SAE droite pré-sertie série 3000 PSI



DN	∅	Referencia Part n°	€
1/2"	30.2	581820808	11,22
3/4"	38.1	581821212	19,55
1"	44.5	581821616	28,34
1"1/4	50.8	581822020	41,73
1"1/2	60.3	581822424	75,14
2"	71.4	581823232	117,31

## One piece 6000 PSI SAE Straight Flange / Code 62



Bridas rectas una sola pieza SAE 6000 PSI

Gerader Kompaktflansch SAE 6000 PSI

Bride SAE droite pré-sertie série 6000 PSI



DN	∅	Referencia Part n°	€
1/2"	31.8	582820808	13,11
3/4"	41.3	582821212	22,53
1"	47.6	582821616	31,70
1"1/4	54.0	582822020	52,01
1"1/2	63.5	582822424	83,36
2"	79.4	582823232	128,98

## One piece 3000 PSI SAE Flange (90° Elbow)/ Code 61



Bridas 90° una sola pieza SAE 3000 PSI

Kompaktflansch 90° SAE 3000 PSI

Bride SAE coude 90° pré-sertie série 3000 PSI



DN	∅	Referencia Part n°	€
1/2"	30.2	581830808	14,35
3/4"	38.1	581831212	22,66
1"	44.5	581831616	32,04
1"1/4	50.8	581832020	42,04
1"1/2	60.3	581832424	84,07
2"	71.4	581833232	147,14

## One piece 6000 PSI SAE Flange (90° Elbow)/ Code 62



Bridas 90° una sola pieza SAE 6000 PSI

Kompaktflansch 90° SAE 6000 PSI

Bride SAE coude 90° pré-sertie série 6000 PSI



DN	∅	Referencia Part n°	€
1/2"	31.8	582830808	14,36
3/4"	41.3	582831212	23,24
1"	47.6	582831616	33,97
1"1/4	54.0	582832020	54,64
1"1/2	63.5	582832424	87,95

## One piece 3000 PSI SAE Flange (45° Elbow)/ Code 61



Bridas 45° una sola pieza SAE 3000 PSI

Kompaktflansch 45° SAE 3000 PSI

Bride SAE coude 45° pré-sertie série 3000 PSI



DN	∅	Referencia Part n°	€
1/2"	30.2	581840808	13,03
3/4"	38.1	581841212	22,66
1"	44.5	581841616	32,44
1"1/4	50.8	581842020	52,45
1"1/2	60.3	581842424	84,07
2"	71.4	581843232	147,14

## One piece 6000 PSI SAE Flange (45° Elbow)/ Code 62



Bridas 45° una sola pieza SAE 6000 PSI

Kompaktflansch 45° SAE 6000 PSI

Bride SAE coude 45° pré-sertie série 6000 PSI



DN	∅	Referencia Part n°	€
1/2"	31.8	582840808	15,22
3/4"	41.3	582841212	23,24
1"	47.6	582841616	33,97
1"1/4	54.0	582842020	54,64
1"1/2	63.5	582842424	88,89
2"	79.4	582843232	150,74



# ONE PIECE FITTINGS BWS SERIES 3SP/4SP/R12/4SH NO SKIVE

Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar  
 Armaturen Serie BWS 3SP/4SP/R12/4SH ohne Schälung  
 Embouts pré-sertis BWS 3SP/4SP/R12/4SH Sans dénuder

## One piece BSP female 60° cone +o'ring

NEW

Hembras giratorias rectas una sola pieza rosca BSP cono 60° con junta tórica

Dichtkopf einteilig mit BSP Ü-Mutter mit O-Ring

Femelle pré-sertie BSP cone 60°+ o'ring



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	3/4" BSP	581101212	12,89
1"	1" BSP	581101616	20,36
1"1/4	1"1/4 BSP	581102020	38,54
1"1/2	1"1/2 BSP	581102424	60,53
2"	2" BSP	581103232	102,20

## One piece BSP male 60° cone

NEW

Machos una sola pieza rosca cilíndrica BSP cono 60°

Außengewinde zyl. einteilig kon. BSP 60°

Mâle pré-serti BSP cone 60°



DN	ROSCA THREAD	Referencia Part n°	€
3/8"	3/8" BSP	581120606	4,85
1/2"	1/2" BSP	581120808	6,34
3/4"	3/4" BSP	581121212	12,85
1"	1" BSP	581121616	17,94
1"1/4	1"1/4 BSP	581122020	41,04
1"1/2	1"1/2 BSP	581122424	58,29
2"	2" BSP	581123232	105,45

## One piece BSP female cone 60° (90° Elbow) +o'ring

NEW

Hembras giratorias 90° una sola pieza rosca BSP cono 60° con junta tórica

Dichtkopf 90° einteilig mit BSP Ü-Mutter mit O-Ring

Coude 90° femelle pré-sertie BSP cone 60° +o'ring



DN	ROSCA THREAD	Referencia Part n°	€
3/8"	3/8" BSP	581170606	7,66
1/2"	1/2" BSP	581170808	10,35
5/8"	5/8" BSP	581171010	14,51
3/4"	3/4" BSP	581171212	19,62
1"	1" BSP	581171616	29,35
1"1/4	1"1/4 BSP	581172020	54,81
1"1/2	1"1/2 BSP	581172424	76,57
2"	2" BSP	581173232	158,93

## One piece double hexagonal BSP female 60° cone

NEW

Hembras giratorias rectas una sola pieza rosca BSP cono 60° doble hexagonal

Dichtkopf mit Ü-Mutter einteilig BSP 60° kon. doppelt 6 kt

Femelle pré-sertie BSP cone 60° double hexagonal



DN	ROSCA THREAD	Referencia Part n°	€
3/8"	3/8" BSP	584000606	6,25
1/2"	1/2" BSP	584000808	7,76
3/4"	3/4" BSP	584001212	17,04
1"	1" BSP	584001616	21,51
1"1/4	1"1/4 BSP	584002020	44,33
1"1/2	1"1/2 BSP	584002424	73,61
2"	2" BSP	584003232	122,73

## One piece BSP female 60° cone (45° Elbow) +o'ring

NEW

Hembras giratorias 45° una sola pieza rosca BSP cono 60° con junta tórica

Dichtkopf 45° einteilig mit BSP Ü-Mutter mit O-Ring

Coude 45° femelle pré-sertie BSP cone 60° +o'ring



DN	ROSCA THREAD	Referencia Part n°	€
1"1/4	1"1/4 BSP	581182020	44,37
1"1/2	1"1/2 BSP	581182424	69,92
2"	2" BSP	581183232	111,30

## One piece BSP female flat seat

NEW

Hembras giratorias rectas una sola pieza rosca BSP asiento plano

Dichtkopf mit Ü-Mutter einteilig BSP flachdichtend

Femelle pré-sertie BSP fond plat



DN	ROSCA THREAD	Referencia Part n°	€
3/8"	3/8" BSP	582000606	5,52
1/2"	1/2" BSP	582000808	6,30
3/4"	3/4" BSP	582001212	14,03
1"	1" BSP	582001616	19,29
1"1/4	1"1/4 BSP	582002020	39,98
1"1/2	1"1/2 BSP	582002424	63,16

# ONE PIECE FITTINGS BWS SERIES 3SP/4SP/R12/4SH NO SKIVE

Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar  
 Armaturen Serie BWS 3SP/4SP/R12/4SH ohne Schälung  
 Embouts pré-sertis BWS 3SP/4SP/R12/4SH Sans dénuder

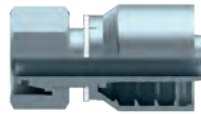
## One piece Metric female cone 24°



Hembras giratorias rectas una sola pieza rosca Métrica cono 24° - DKO

Dichtkopf metr. einteilig Ü-Mutter kon. 24°

Femelle pré-sertie Métrique cono 24°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
3/8"	10	L	M16x1.5	58804161006	4,95
3/8"	12	L	M18x1.5	58804181206	4,82
3/8"	15	L	M22x1.5	58804221506	6,25
1/2"	15	L	M22x1.5	58804221508	6,27
1/2"	18	L	M26x1.5	58804261808	8,08
5/8"	18	L	M26x1.5	58804261810	8,63
3/4"	22	L	M30x2	58804302212	13,85
1"	28	L	M36x2	58804362816	21,03
1 1/4"	35	L	M45x2	58804453520	35,49
1 1/2"	42	L	M52x2	58804524224	59,23
3/8"	12	S	M20x1.5	58804201206	4,99
1/2"	16	S	M24x1.5	58804241608	7,26
5/8"	20	S	M30x2	58804302010	9,75
3/4"	20	S	M30x2	58804302012	14,43
3/4"	25	S	M36x2	58804362512	18,92
1"	30	S	M42x2	58804423016	25,47
1 1/4"	38	S	M45x2	58804523820	41,80

## One piece Metric female cone 24° (90° Elbow)



Hembras giratorias 90° una sola pieza Métricas cono 24° - DKO 90°

Dichtkegel mit Ü-Mutter 90° Bogen einteilig

Coude 90° femelle pré-sertie Métrique cono 24°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
3/8"	10	L	M16x1.5	58305161006	6,29
3/8"	12	L	M18x1.5	58305181206	6,27
1/2"	15	L	M22x1.5	58305221508	8,33
5/8"	18	L	M26x1.5	58305261810	13,18
3/4"	22	L	M30x2	58305302212	18,96
1"	28	L	M36x2	58305362816	28,29
1 1/4"	35	L	M45x2	58305453520	50,81
1 1/2"	42	L	M52x2	58305524224	91,02
3/8"	15	S	M20x1.5	58305201206	6,03
1/2"	16	S	M24x1.5	58305241608	8,83
5/8"	20	S	M30x2	58305302010	14,62
3/4"	20	S	M30x2	58305302012	20,74
3/4"	25	S	M36x2	58305362512	24,29
1"	30	S	M42x2	58305423016	34,76
1 1/4"	38	S	M45x2	58305523820	63,22

## One piece Metric female cone 24° (45° Elbow)



Hembras giratorias 45° una sola pieza Métricas cono 24° - DKO 45°

Dichtkegel mit Ü-Mutter 45° Bogen einteilig

Coude 45° femelle pré-sertie Métrique cono 24°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
3/8"	10	L	M16x1.5	58306161006	6,36
3/8"	12	L	M18x1.5	58306181206	5,94
1/2"	15	L	M22x1.5	58306221508	9,24
5/8"	18	L	M26x1.5	58306261810	13,52
3/4"	22	L	M30x2	58306302212	20,45
1"	28	L	M36x2	58306362816	29,05
1 1/4"	35	L	M45x2	58306453520	52,76
1 1/2"	42	L	M52x2	58306524224	87,26
3/8"	12	S	M20x1.5	58306201206	8,01
1/2"	16	S	M24x1.5	58306241608	9,51
5/8"	20	S	M30x2	58306302010	15,88
3/4"	20	S	M30x2	58306302012	20,68
3/4"	25	S	M36x2	58306362512	24,10
1"	30	S	M42x2	58306423016	34,22
1 1/4"	38	S	M45x2	58306523820	65,20

## One piece Metric male cone 24°



Machos una sola pieza rosca Métrica cono 24°

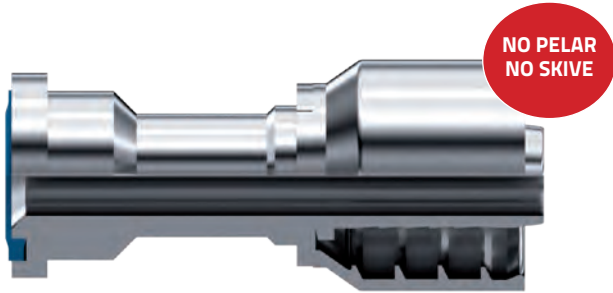
Außengewinde einteilig metr. kon. 24°

Mâle pré-serti Métrique cono 24°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
3/8"	10	L	M16x1.5	58203161006	4,58
3/8"	12	L	M18x1.5	58203181206	4,42
3/8"	15	L	M22x1.5	58203221506	5,89
1/2"	15	L	M22x1.5	58203221508	6,42
1/2"	18	L	M26x1.5	58203261808	7,44
5/8"	18	L	M26x1.5	58203261810	8,17
3/4"	22	L	M30x2	58203302212	13,47
1"	28	L	M36x2	58203362816	20,94
1 1/4"	35	L	M45x2	58203453520	36,25
1 1/2"	42	L	M52x2	58203524224	61,12
3/8"	12	S	M20x1.5	58203201206	5,38
1/2"	16	S	M24x1.5	58203241608	7,03
5/8"	20	S	M30x2	58203302010	10,46
3/4"	20	S	M30x2	58203302012	14,41
3/4"	25	S	M36x2	58203362512	18,94
1"	30	S	M42x2	58203423016	26,08
1 1/4"	38	S	M45x2	58203523820	43,66

# BWS



MAYOR VERSATILIDAD. 1 CASQUILLO - 4 MANGUERAS  
GREATER VERSATILITY. 1 FERRULE - 4 HOSES

+



REDUCCIÓN DE STOCK. USO DE ESPIGA STD  
STOCK OPTIMISATION. STD SERIES

+



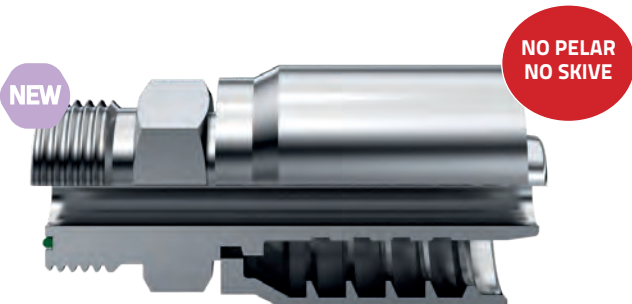
MENOR TIEMPO DE MONTAJE. NO PELAR  
REDUCES ASSEMBLY TIME. NO SKIVE

=



AHORRO ECONÓMICO.  
ECONOMIC EFFICIENCY

# BW+



ALTA PRESIÓN  
HIGH PRESSURE

1" 1/4 - 1" 1/2-2

R13 - R15

+



REDUCCIÓN DE STOCK. USO DE ESPIGA BW  
STOCK OPTIMISATION. BW SERIES

+



MENOR TIEMPO DE MONTAJE. NO PELAR  
REDUCES ASSEMBLY TIME. NO SKIVE

## ONE PIECE FITTINGS BW+ SERIES R13/R15 NO SKIVE

Conexiones una pieza Serie BW+ R13/R15 No Pelar

Armaturen Serie BW+ R13/R15 ohne Schälung

Embouts R13/R15 Série BW+ Sans denuder

### R13 & R15 - Ø 3/4" - 1" BWS

#### One piece double hexagonal JIC 37° Swivel female

Hembras giratorias rectas una sola pieza JIC 37°  
doble hexagonal

Dichtkopf mit Ü-Mutter einteilig 37° JIC doppelt 6 kt

Femelle pré-sertie JIC 37° double hexagonal



DN	ROSCA THREAD	Referencia Part n°	€
1" 1/4	1" 5/8 12 UNF	692422620	*
1" 1/2	1" 7/8 12 UNF	692423024	*
2"	2" 1/2 12 UNF	692424032	*

#### One piece JIC 37° Swivel female (90° Elbow)

Hembras giratorias 90° una sola pieza rosca JIC 37°

Dichtkopf mit Ü-Mutter einteilig 37° JIC 90°

Coude 90° femelle pré-sertie JIC 37°



DN	ROSCA THREAD	Referencia Part n°	€
1" 1/4	1" 5/8 12 UNF	691382620	*
1" 1/2	1" 7/8 12 UNF	691383024	*
2"	2" 1/2 12 UNF	691384032	*

#### One piece JIC 37° Swivel female (45° Elbow)

Hembras giratorias 45° una sola pieza rosca JIC 37°

Dichtkonus JIC 37° einteilig 45°

Coude 45° femelle pré-sertie JIC 37°



DN	ROSCA THREAD	Referencia Part n°	€
1" 1/4	1" 5/8 12 UNF	691392620	*
1" 1/2	1" 7/8 12 UNF	691393024	*
2"	2" 1/2 12 UNF	691394032	*

#### One piece JIC 37° male with o'ring

Machos una sola pieza rosca JIC 37° C/J

Außengewinde einteilig JIC 37° mit O-Ring

Mâle pré-serti JIC 37° avec joint torique



DN	ROSCA THREAD	Referencia Part n°	€
1" 1/4	1" 5/8 12 UNF	691402620	*
1" 1/2	1" 7/8 12 UNF	691403024	*
2"	2" 1/2 12 UNF	691404032	*

#### One piece ORFS Swivel female straight double hexagonal

Hembras giratorias rectas una sola pieza ORFS  
doble hexagonal

Dichtkopf mit ORFS einteilig Ü-Mutter doppelt 6 kt

Femelle pré-sertie droite ORFS double hexagonale



DN	ROSCA THREAD	Referencia Part n°	€
1" 1/4	1" 11/16 12 UNF	699012020	*
1" 1/2	2" 12 UNF	699012424	*

#### One piece ORFS Swivel female (90° Elbow)

Hembras giratorias 90° una sola pieza ORFS

Dichtkopf mit ORFS einteilig Ü-Mutter 90°

Coude 90° femelle pré-sertie ORFS



DN	ROSCA THREAD	Referencia Part n°	€
1" 1/4	1" 11/16 12 UNF	699072020	*
1" 1/2	2" 12 UNF	699072424	*

#### One piece ORFS Swivel female (45° Elbow)

Hembras giratorias 45° una sola pieza ORFS

Dichtkopf mit ORFS einteilig Ü-Mutter 45°

Coude 45° femelle pré-sertie ORFS



DN	ROSCA THREAD	Referencia Part n°	€
1" 1/4	1" 11/16 12 UNF	699082020	*
1" 1/2	2" 12 UNF	699082424	*

\*Consultar / On request / Sur demande / Su richiesta

## ONE PIECE FITTINGS BW+ SERIES R13/R15 NO SKIVE

Conexiones una pieza Serie BW+ R13/R15 No Pelar  
Armaturen Serie BW+ R13/R15 ohne Schälung  
Embouts R13/R15 Série BW+ Sans denuder

### One piece 6000 PSI SAE Straight Flange / Code 62

NEW

Bridas recta SAE 6000 PSI

Gerader Kompaktflansch SAE 6000 PSI

Bride SAE droite pré-sertie série 6000 PSI



DN	∅	Referencia Part n°	€
1"1/4	1"1/4	692822020	*
1"1/2	1"1/2	692822424	*
2"	2"	692823232	*

### One piece 6000 PSI SAE Flange (90° Elbow) / Code 62

NEW

Bridas a 90° SAE 6000 PSI

Kompaktflansch 90° SAE 6000 PSI

Bride SAE coude 90° pré-sertie série 6000 PSI



DN	∅	Referencia Part n°	€
1"1/4	1"1/4	692832020	*
1"1/2	1"1/2	692832424	*
2"	2"	692833232	*

### One piece 6000 PSI SAE Flange (45° Elbow) / Code 62

NEW

Bridas a 45° SAE 6000 PSI

Kompaktflansch 45° SAE 6000 PSI

Bride SAE coude 45° pré-sertie série 6000 PSI



DN	∅	Referencia Part n°	€
1"1/4	1"1/4	692842020	*
1"1/2	1"1/2	692842424	*
2"	2"	692843232	*

### One piece BSP Male 60° cone

NEW

Machos cilíndricos una sola pieza BSP 60°

Außengewinde zyl. einteilig BSP 60°

Mâle pré-serti gaz cylindrique BSP 60°



DN	ROSCA THREAD	Referencia Part n°	€
1"1/4	1"1/4 BSP	691122020	*
1"1/2	1"1/2 BSP	691122424	*
2"	2" BSP	691123232	*

### One piece BSP Swivel female cone 60° with o'ring

NEW

Hembras giratorias una sola pieza BSP 60° con junta

Dichtkopf einteilig 60° kon. I mit O-Ring

Femelle BSP pré-sertie cone 60° with o'ring



DN	ROSCA THREAD	Referencia Part n°	€
1" 1/4	1" 1/4	691102020	*
1" 1/2	1" 1/2	691102424	*
2"	2" BSP	691103232	*

### One piece BSP Swivel female 60° cone with o'ring (90° Elbow)

NEW

Hembras giratorias 90° una sola pieza BSP 60° C/J

Dichtkopf mit BSP Ü-Mutter 60° einteilig 90° mit O-Ring

Coude 90° femelle pré-sertie BSP 60° avec o'ring



DN	ROSCA THREAD	Referencia Part n°	€
1"1/4	1"1/4 BSP	691172020	*
1"1/2"	1"1/2 BSP	691172424	*
2"	2" BSP	691173232	*

### One piece BSP Swivel female 60° cone with o'ring (45° Elbow)

NEW

Hembras giratorias 45° una sola pieza BSP 60° C/J

Dichtkopf mit BSP Ü-Mutter 60° einteilig 45° mit O-Ring

Coude 45° femelle pré-sertie BSP 60° avec o'ring



DN	ROSCA THREAD	Referencia Part n°	€
1"1/4	1"1/4 BSP	691182020	*
1"1/2	1"1/2 BSP	691182424	*
2"	2" BSP	691183232	*

\*Consultar / On request / Sur demande / Su richiesta

# PUSH ON SERIES FITTINGS

Conexiones PUSH ON  
Armaturen der Serie PUSH ON  
Embouts PUSH ON

## BSP Swivel female 60° cone



Hembras giratorias rectas rosca BSP cono 60°

Dichtkopf mit BSP Ü-Mutter 60°

Femelle tournante gaz cyl BSP 60°



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	391000404	3,22
3/8"	3/8" BSP	391000606	3,72
1/2"	1/2" BSP	391000808	5,45
5/8"	5/8" BSP	391001010	7,02
3/4"	3/4" BSP	391001212	8,50
1"	1" BSP	391001616	16,10

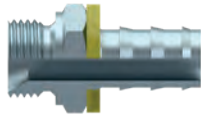
## BSP Male 60° cone



Machos BSP 60°

Außengewinde BSP kon. 60°

Mâle BSP cône 60°



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	391120404	3,55
3/8"	3/8" BSP	391120606	4,62
1/2"	1/2" BSP	391120808	6,52
5/8"	5/8" BSP	391121010	9,82
3/4"	3/4" BSP	391121212	10,15
1"	1" BSP	391121616	19,73

## JIC Swivel female 37° cone



Hembras giratorias rectas JIC 37°

Dichtkonus mit Ü-Mutter JIC 37°

Femelle tournante droite JIC cône 37°



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	7/16" 20 UNF	391420704	3,05
3/8"	9/16" 18 UNF	391420906	3,47
1/2"	3/4" 16 UNF	391421208	5,20
5/8"	7/8" 14 UNF	391421410	6,36
3/4"	1"1/16 12 UN	391421712	8,09
1"	1"5/16 12 UN	391422116	15,35

## JIC 37° Male



Machos JIC 37°

Außengewinde 37°

Mâle JIC 37°



DN DN	ROSCA	Referencia Part n°	€
1/4"	7/16" 20	391400704	3,05
3/8"	9/16" 18	391400906	3,55
1/2"	3/4" 16 UNF	391401208	4,54
5/8"	7/8" 14 UNF	391401410	5,86
3/4"	1"1/16 12	391401712	7,51
1"	1"5/16 12	391402116	14,45

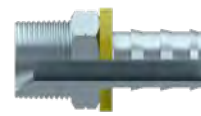
## NPT Male



Machos rosca NPT

Außengewinde NPT

Mâle fixe NPT



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" NPT	391610404	3,14
3/8"	3/8" NPT	391610606	3,72
1/2"	1/2" NPT	391610808	4,79
3/4"	3/4" NPT	391611212	8,17

## Metric Swivel female 24° cone



Hembras giratorias rectas 24°

Dichtkonus mit Ü-Mutter 24°

Femelle tournante droite 24°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
1/4"	8	L	M14X1.5	39804140804	3,22
3/8"	12	L	M18X1.5	39804181206	4,54
1/2"	15	L	M22X1.5	39804221508	6,52
3/4"	22	L	M30X2	39804302212	10,57

## 24° Cone Male



Machos rosca métrica 24°

Außengewinde 24°

Mâle fixe 24°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
1/4"	8	L	M14X1.5	39203140804	3,14
3/8"	12	L	M18X1.5	39203181206	4,05
1/2"	22	L	M22X1.5	39203221508	5,61
3/4"	30	L	M30X2	39203302212	9,99

### PUSH ON SERIES FITTINGS

Conexiones PUSH ON

Armaturen del Serie PUSH ON

Embouts PUSH ON



**Gestión intuitiva, rápida, fiable y eficiente**  
**Simple, fast, reliable and efficient management**

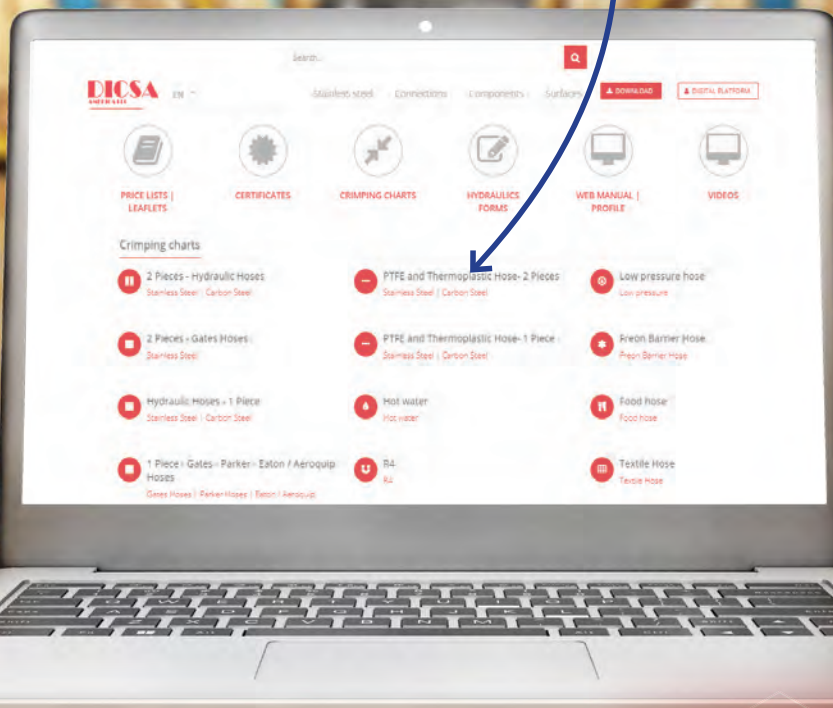


Póngase en contacto con nosotros para más información  
Contact us for further information

# TABLAS DE PRENSADO Y CERTIFICADOS

disponibles en el área de **DESCARGAS** de nuestra web

[www.dicsaes.com](http://www.dicsaes.com)



# CRIMPING CHARTS & CERTIFICATES

available in the **DOWNLOAD** area



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Conexiones Serie Micro-hose  
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Embouts manomètres

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Medidores de caudal  
Durchfluss-Tester  
Débitmètres

# ORS

## FLOW MEASURING

Metrología  
Messtechnik  
Test du circuit hydraulique



**MICRO-HOSE FITTINGS**

Conexiones Serie Micro-hose  
 Mikroschlauch-Armaturen  
 Embouts manomètres

Hoses for check couplings for manometers ▪ Mangueras para tomas de manómetro ▪ Schläuche für Druckmess-Kupplungen ▪ Tuyaux capillaires minimes

114



MT010

Crimp fittings ▪ Conexiones ▪ Pressfassungen ▪ Embouts à sertir minimes

114



55501



55506



55516



55504



55505



55515



5550795



55503



55507



55517



55509



55508



55513



55502

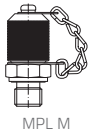


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## TEST COUPLINGS

Racores de control  
Kontrollarmaturen  
Prises de pression

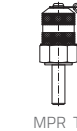
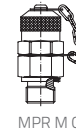
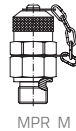
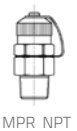
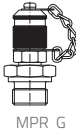
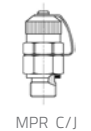
Check couplings for manometers 16x1.5 ▪ Tomas de presión 16x1.5 ▪ Kontrollarmaturen für Manometer 16x1.5 | 116  
▪ Prises de pression 16x1.5



MPL M

MPL

Check couplings for manometers 16x2 ▪ Tomas de presión 16x2 ▪ Kontrollarmaturen für Manomter 16x2 ▪ | 116  
Prises de pression 16x2



MPR C/J

MPR G

MPR BSPT

MPR NPT

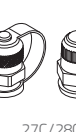
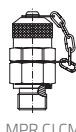
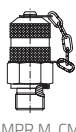
MPR M

MPR M CJ

MPR A

MPR TUB

MPR UNF



MPR TLM CM

MPR M CM

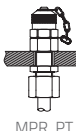
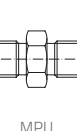
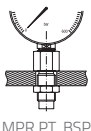
MPR CJ CM

MPR G CM

MPR DL CM

27C/28C

Accessories and adaptors ▪ Tomas de presión manómetros ▪ Zubehör und Adapter ▪ Accessoires et adaptateurs | 118  
minimess



MPR PT BSP

MPD BSP

MPD 90 BSP

MPU

MPR PT

Valves for manometers ▪ Válvulas para manómetros ▪ Ventile für Manometer ▪ Valves pour manètres | 119



FT290

FT291

FT299

# PRESSURE AND VACUUM GAUGES

Instrumentos de medición  
Manometer und Vacuummeter  
Manomètres et vacuomètres

## Pressure gauges ▪ Manómetros ▪ Manometer ▪ Manomètres

| 120



## Vacuum gauges ▪ Vacuómetros ▪ Vakuummeter ▪ Vacuomètres

| 122



## Temperature- pressure gauge ▪ Termomanómetros ▪ Thermo-Manometer ▪ Thermo-manomètre

| 122



## Manovacuumeter ▪ Manovacuómetros ▪ Vakuum-Manometer ▪ Manovacuumètre

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## Check cases ▪ Maletines de control de presión ▪ Messkoffer ▪ Équipes de mesure

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## FLOW TESTER

Medidores de caudal  
Durchfluss-Tester  
Débitmètres

Flow tester 250 bar ▪ Caudalímetros 250 bar ▪ Durchflussmesser 250 bar ▪ Débitmètres 250 bar

124



WPB3A6H



WPB5A6H



WPB6A6H

Flow tester 300-420 bar ▪ Caudalímetros 300-420 bar ▪ Durchflussmesser 300-420 bar ▪ Débitmètres 300-420

124



FT5758



FT6068



FT5594

## MICRO-HOSE FITTINGS

Conexiones Serie Micro-hose  
Mikroschlauch-Armaturen  
Embouts manomètres

### Micro-Hose

Mangueras Minimess

Messschlauch

Tuyaux Minimess



Ø INNER Ø INT.	Part n° Referencia	€
2	MT01002	5,11

### Micro-hose ferrules

Casquillo manguera Minimess

Pressfassungen für Messschlauch

Jupe pour tuyau Minimess



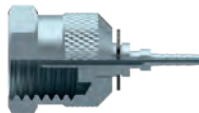
DN	Ø INNER Ø INT.	Ø OUTER Ø EXT.	Part n° Referencia	€
2	5.1	8	555010100	0,53

### Check Metric swivel female Micro-hose

Hembra giratoria de control

Kontroll-Dichtkopf mit Ü-Mutter

Embout femelle tournante de control Métrique  
Minimess



DN	THREAD ROSCA	Part n° Referencia	€
2	M16X1.5	555069521	5,51
2	M16X2	555069523	5,70

### 90° Swivel female check coupling

Codo 90° hembra giratoria de control

90° Kontrollarmatur

Coude 90° prise de pression femelle tournante



DN	THREAD ROSCA	Part n° Referencia	€
2	M16X2	555169523	46,11

### Straight swivel female BSP 60° cone Micro-hose

Hembra giratoria recta BSP

Dichtkopf gerade mit Ü-Mutter BSP

Embout femelle tournante gaz cyl BSP 60°  
Minimess



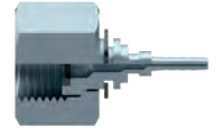
DN	THREAD ROSCA	Part n° Referencia	€
2	1/8" BSP	555040202	5,40
2	1/4" BSP	555040404	5,31
2	3/8" BSP	555040606	7,35

### Swivel female flat seat with o'ring for manometer Micro-hose

Hembra asiento plano con junta manómetro

Dichtkopf flachdichtend mit Dichtring für  
Manometer

Embout femelle tournante fond plat + o'ring pour  
manomètre Minimess



DN	THREAD ROSCA	Part n° Referencia	€
2	1/4" BSP	555050404	5,09
2	1/2" BSP	555050808	8,98

### 90° Swivel female flat seat with o'ring for manometer

Codo 90° hembra asiento plano con junta  
manómetro

90° Winkel w flachdichtend mit Manometer-  
Dichtung

Coude 90° prise de pression femelle fond plat avec  
o'ring



DN	THREAD ROSCA	Part n° Referencia	€
2	1/4" BSP	555150404	45,69

### Metric swivel female with o'ring

Hembra giratoria Métrica con junta

Dichtkopf mit Ü-Mutter metr. mit O-Ring

Embout femelle tournante Métrique 24° pour  
raccord de control + o'ring minimess



DN	PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
2	6L	M12X1.5	555079510	4,75
2	6S	M14X1.5	555079511	4,75
2	8L	M14X1.5	555079512	4,51
2	8S	M16X1.5	555079523	4,72
2	10L	M16X1.5	555079525	8,95

### Straight Micro-hose check male

Macho de control

Kontroll-Außengewinde

Embout mâle manomètre



DN	Part n° Referencia	€
2	555030325	3,34

### Metric standpipe Micro-hose

Espiga lisa Métrica

Metr. Stutzen glatt

Embout lisse Métrique Minimess



DN	PIPE TUBO	Part n° Referencia	€
2	6	555070600	3,29
2	8	555070800	3,11

## MICRO-HOSE FITTINGS

Conexiones Serie Micro-hose  
Mikroschlauch-Armaturen  
Embouts manomètres

### 90° Metric standpipe Micro-hose

Espiga a 90° lisa Métrica

Metr. Stutzen 90° glatt für Messschlauch

Embout lisse coude 90° Métrique Minimes



DN	PIPE TUBO	Part n° Referencia	€
2	6	555170600	5,22

### Dust protector

Protector de polvo

Staubschutz

Protecteur de poussière



MATERIAL	Part n° Referencia	€
PLASTIC	54000000P	0,32

### Straight swivel female JIC 37° Micro-hose

Hembra giratoria recta JIC 37°

Dichtkopf mit Ü-Mutter gerade JIC 37°

Embout femelle tournante JIC 37° Minimes



DN	THREAD ROSCA	Part n° Referencia	€
2	7/16" 20h UNF	555090700	4,52
2	1/2" 20h UNF	555090800	5,85
2	9/16" 18h UNF	555090900	5,97

### Metric Banjo Micro-hose

Orientable Métrico

Metr. Ringauge

Embout Banjo Métrique Minimes



DN	Ø	Part n° Referencia	€
2	10	555081000	7,74

### Male NPT

Macho NPT

Außengewinde NPT

Mâle NPT



DN	THREAD ROSCA	Part n° Referencia	€
2	1/8" NPT	555130200	4,86

### BSP Male

Macho BSP

Außengewinde BSP

Mâle BSP



DN	THREAD ROSCA	Part n° Referencia	€
2	1/8" BSP	555020202	5,30
2	1/4" BSP	555020404	17,63



## TEST COUPLINGS

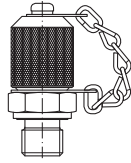
Racores de control  
Kontrollarmaturen  
Prises de pression

### Check coupling male metric thread (metallic cap)

Racor de control rosca Métrica DIN 3852 (tapón metálico)

Kontroll-Armatur m metr. (Metallkappe)

Prise de pression métrique (capouchon métallique)



THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
M10X1	16x1.5	MPL M 10X1 CM	24,80

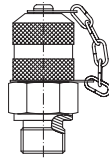
For other designs, please consult us / Otras figuras, consultar / Weitere Fig. bitte anfragen. / Pour d'autres figures, consultez-nous

### Check coupling BSP (metallic cap)

Racor de control rosca BSP (tapón metálico)

Kontroll-Armatur BSP (Metallkappe)

Prise de pression BSP (capouchon métallique)



THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
1/8" BSP	16x1.5	MPL 1/8 G CM	10,80
1/4" BSP	16x1.5	MPL 1/4 G CM	10,41

For other designs, please consult us / Otras figuras, consultar / Weitere Fig. bitte anfragen. / Pour d'autres figures, consultez-nous

### Check coupling male thread BSP with captive seal (plastic cap)

Racor de control rosca BSP con junta (tapón plástico)

Kontroll-Armatur BSP mit O-Ring (Plastikkappe)

Prise de pression avec joint (capuchon plastique)



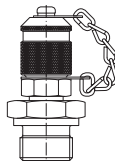
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
1/8" BSP	16x2	MPR 1/8 C/J	8,26
1/4" BSP	16x2	MPR 1/4 C/J	8,08
3/8" BSP	16x2	MPR 3/8 C/J	8,26
1/2" BSP	16x2	MPR 1/2 C/J	8,64

### Check coupling male thread BSP (plastic cap)

Racor de control rosca BSP (tapón plástico)

Kontroll-Armatur BSP (Plastikkappe)

Prise de pression (capuchon plastique)



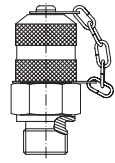
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
1/8" BSP	16x2	MPR 1/8 G	8,35
1/4" BSP	16x2	MPR 1/4 G	8,35
3/8" BSP	16x2	MPR 3/8 G	8,53
1/2" BSP	16x2	MPR 1/2 G	8,24

### Check coupling male BSP tapered (plastic cap)

Racor de control rosca cónica BSPT (tapón plástico)

Kontroll-Armatur kon. m BSPT (Plastikkappe)

Prise de pression BSPT (capuchon plastique)



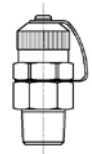
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
1/8" BSPT	16x2	MPR 1/8 BSPT	9,16
1/4" BSPT	16x2	MPR 1/4 BSPT	9,01
3/8" BSPT	16x2	MPR 3/8 BSPT	10,04

### Check coupling male thread NPT (plastic cap)

Racor de control rosca NPT (tapón plástico)

Kontroll-Armatur m NPT (Plastikkappe)

Prise de pression NPTF (capuchon plastique)



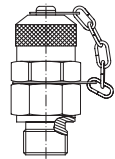
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
1/8" NPT	16x2	MPR 1/8 NPT	9,01
1/4" NPT	16x2	MPR 1/4 NPT	9,01
3/8" NPT	16x2	MPR 3/8 NPT	9,20

### Check coupling male metric thread (plastic cap)

Racor de control rosca Métrica DIN 3852 (tapón plástico)

Kontroll-Armatur m metr. (Plastikkappe)

Prise de pression métrique (capuchon plastique)



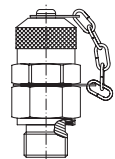
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
M10X1	16x2	MPR M10X1	9,63
M12X1.5	16x2	MPR M12X1.5	9,01
M14X1.5	16x2	MPR M14X1.5	9,01
M16X1.5	16x2	MPR M16X1.5	9,20

### Check coupling male metric thread + o-ring (plastic cap)

Racor de control macho Métrico con junta (Tapón plástico)

Kontroll-Armatur m metr. mit Dichtung (Plastikkappe)

Prise de pression métrique avec o-ring (capuchon plastique)



THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
M10x1	M16X2	MPR M10X1 C/J	8,74
M12x1.5	M16X2	MPR M12X1.5 C/J	8,74
M14x1.5	M16X2	MPR M14X1.5 C/J	8,07
M16x1.5	M16X2	MPR M16X1.5 C/J	9,28

## TEST COUPLINGS

Racores de control  
Kontrollarmaturen  
Prises de pression

### Check coupling male metric thread (plastic cap)

Racor de control rosca Métrica (tapón plástico)

Kontroll-Armatur m metr. (Plastikkappe)

Prise de pression métrique (capuchon plastique)



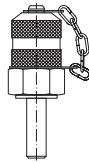
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
M8X1	16x2	MPR A 8X1	8,91
M10X1	16x2	MPR A 10X1	8,91
M10X1.25	16x2	MPR A 10X1.25	8,91

### Check coupling male metric tubular (plastic cap)

Racor de control tubular Métrico (tapón plástico)

Kontroll-Armatur m metr. Rohr (Plastikkappe)

Prise de pression avec embout lisse (capuchon plastique)



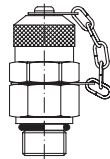
PIPE TUBO	DESCRIPTION DESCRIPCION	Part n° Referencia	€
6	16x2	MPR TUB.6	8,86
8	16x2	MPR TUB.8	8,71
10	16x2	MPR TUB.10	8,71
12	16x2	MPR TUB.12	8,71
15	16x2	MPR TUB.15	8,86

### Check coupling male thread UNF (plastic cap)

Racor de control rosca SAE - UNF (tapón plástico)

Kontroll-Armatur m SAE-UNF (Plastikkappe)

Prise de pression filetage SAE/UNF (capuchon plastique)



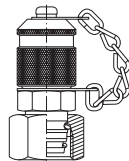
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
7/16" 20h UNF	16x2	MPR 7/16 UNF	8,91
1/2" 20h UNF	16x2	MPR 1/2 UNF	8,91
9/16" 18h UNF	16x2	MPR 9/16 UNF	8,91

### Check coupling Metric swivel female + o-ring (metallic cap)

Racor de control hembra giratoria Métrica con junta (tapón metálico)

Kontroll-Armatur w Drallmutter metr. mit Dichtung (Metallkappe)

Prise de pression femelle tournante Métrique + o-ring (capuchon métallique)



PIPE TUBO	THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
6L	M12X1.5	16x2	MPR TLM 6L CM	13,95
8L	M14X1.5	16x2	MPR TLM 8L CM	14,51
10L	M16X1.5	16x2	MPR TLM 10L CM	15,04
12L	M18X1.5	16x2	MPR TLM 12L CM	14,20
15L	M22X1.5	16x2	MPR TLM 15L CM	12,86

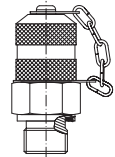
For other dimensions, please consult us / Otras medidas, consultar / Andere Abmessungen auf Nachfrage / Pour d'autres dimensions, consultez-nous

### Check coupling metric male + o-ring (metallic cap)

Racor de control macho Métrico con junta (tapón metálico)

Kontroll-Armatur m metr. mit Dichtung (Metallkappe)

Prise de pression mâle + o-ring (capuchon métallique)



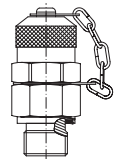
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
M10X1	16x2	MPR M 10X1 CM	9,71
M12X1.5	16x2	MPR M 12X1.5 CM	10,40

### Check coupling BSP with o-ring (metallic cap)

Racor de control rosca BSP con junta tórica (tapón metálico)

Kontroll-Armatur BSP mit O-Ring (Metallkappe)

Prise de pression BSP avec o-ring (capuchon métallique)



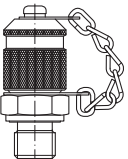
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
1/8" BSP	16x2	MPR 1/8 C/J CM	9,71
1/4" BSP	16x2	MPR 1/4 C/J CM	8,81

### Check coupling BSP (metallic cap)

Racor de control rosca BSP (tapón metálico)

Kontroll-Armatur BSP (Metallkappe)

Prise de pression BSP (capuchon métallique)



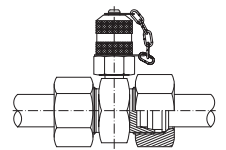
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
1/8" BSP	16x2	MPR 1/8 G CM	10,19
1/4" BSP	16x2	MPR 1/4 G CM	10,19

### Halk-way check coupling (metallic cap)

Racor de control intermedio (tapón metálico)

Kontroll-Zwischenverschraubung (Metallkappe)

Prise de pression intermédiaire (capuchon métallique)



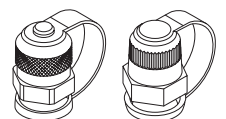
PIPE TUBO	DESCRIPTION DESCRIPCION	Part n° Referencia	€
6L	16x2	MPR DL 6 CM	29,29
8L	16x2	MPR DL 8 CM	17,43
10L	16x2	MPR DL 10 CM	18,33
12L	16x2	MPR DL 12 CM	18,93
15L	16x2	MPR DL 15 CM	19,94

### Protective cap - check coupling for manometer

Capuchón protector toma de presión

Staubschutz für Kontrollverschraubung

Capuchon Minimes



MATERIAL	Part n° Referencia	€
CARBON STEEL	27CA0000*	2,42
CARBON STEEL	NEW 27CA000C01	3,11
PLASTIC	28CP0000	1,88

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

## TEST COUPLINGS

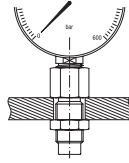
Racores de control  
Kontrollarmaturen  
Prises de pression

### Check coupling BSP bulkhead for pressure gauge

Conex. manómetro-pasatabiques BSP

Kontroll-Schottarmatur BSP für Manometer

Prise de pression passe cloison sans capuchon



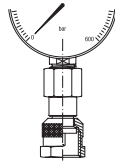
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
1/4" BSP	M16X2	MPR PT 1/4 BSP	11,85
1/2" BSP	M16X2	MPR PT 1/2 BSP	16,96

### Check coupling for pressure gauge

Conex. manómetro - toma de control

Kontrollarmatur für Manometer

Raccord de contrôle direct à manomètre sans capuchon



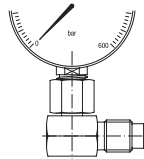
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
1/4" BSP	M16X2	MPD 1/4 BSP	14,42
1/2" BSP	M16X2	MPD 1/2 BSP	19,32

### Check coupling 90° BSP swivel female for manometer

Conex. manómetro-hembra 90° BSP

Kontrollarmatur für Manometer W

Raccord de contrôle 90° orientable sans capuchon direct à manomètre



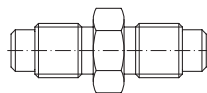
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
1/4" BSP	M16X2	MPD 90 1/4 BSP	19,22
1/2" BSP	M16X2	MPD 90 1/2 BSP	21,32

### Male-Male check coupling for manometer

Conex. manómetro M-M

Kontrollarmatur für Manometer M - M

Prise de pression manomètre Mâle-Mâle



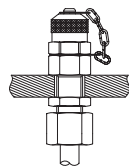
THREAD ROSCA	DESCRIPTION DESCRIPCION	Part n° Referencia	€
M16X2	M16X1.5	MPU 16X2	25,01
M16X1.5	M16X1.5	MPU 16X1.5	24,94

### Metric check coupling for manometer

Conex. Métrica para manómetros

Kontrollarmatur für Manometer metr.

Prise de contrôle métrique pour manomètre



PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
8S	M16X1.5	MPR PT 16X1.5	22,76
10S	M18X1.5	MPR PT 18X1.5	27,68

## TEST COUPLINGS

Racores de control  
Kontrollarmaturen  
Prises de pression

### Pressure Gauge Protector (in-line) FM-SF straight

Protector de manómetro en línea MF-TL recto

Manometer-Schutz in Linie MF-TL gerade

Isolateur de manomètre (en ligne) MF-FT droit



THREAD ROSCA		MAX. PRESSURE (bar) PRESIÓN MAX. (bar)	Part n° Referencia	€
1/4" BSP	1/4" BSPT	350	<b>FT29004</b>	*
1/2" BSP	1/2" BSPT	350	<b>FT29008</b>	*

See prices in components catalogue / Ver precios en catálogo componentes / Bitte vergleichen Sie die Preise im Komponenten-Katalog / Voir les prix dans le composant catalogue

### Pressure Gauge Protector (in-line) FM-SF 90°

Protector de manómetro en línea MF-TL 90°

Manometer-Schutz in Linie MF-TL 90°

Isolateur de manomètre (en ligne) MF-FT 90°



THREAD ROSCA		MAX. PRESSURE (bar) PRESIÓN MAX. (bar)	Part n° Referencia	€
1/4" BSP	1/4" BSPT	350	<b>FT29104</b>	*

See prices in components catalogue / Ver precios en catálogo componentes / Bitte vergleichen Sie die Preise im Komponenten-Katalog / Voir les prix dans le composant catalogue

### Pressure Gauge Adaptor (in-line) FM-SF

Adaptador para manómetro en línea MF-TL

Adapter für Manometer in Linie MF-TL

Adaptateur pour Manomètre (en ligne) MF-FT



THREAD SF ROSCA TL		Part n° Referencia	€
1/4" BSP	1/2" BSPT	<b>FT29942</b>	*
1/4" BSP	1/4" BSPT	<b>FT29944</b>	*

See prices in components catalogue / Ver precios en catálogo componentes / Bitte vergleichen Sie die Preise im Komponenten-Katalog / Voir les prix dans le composant catalogue

# PRESSURE AND VACUUM GAUGES

Instrumentos de medición  
Manometer und Vacuummeter  
Manomètres et vacuomètres

## Pressure gauge DN 63 vertical connection with glycerin (1/4" BSP)

Manómetro DN 63 vertical con glicerina (1/4" BSP)

Manometer DN 63 Ausgang vertikal mit Glycerin (1/4" BSP)

Manomètre DN 63 sortie verticale avec glycérine (1/4" BSP)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/4" BSP	0-1	MFI6304001V	18,31
1/4" BSP	0-2.5	MFI63042.5V	18,31
1/4" BSP	0-4	MFI6304004V	18,31
1/4" BSP	0-6	MFI6304006V	18,31
1/4" BSP	0-10	MFI6304010V	16,64
1/4" BSP	0-12	MFI6304012V	18,31
1/4" BSP	0-16	MFI6304016V	18,31
1/4" BSP	0-20	MFI6304020V	16,64
1/4" BSP	0-25	MFI6304025V	18,31
1/4" BSP	0-40	MFI6304040V	18,31
1/4" BSP	0-60	MFI6304060V	18,31
1/4" BSP	0-100	MFI6304100V	18,31
1/4" BSP	0-160	MFI6304160V	18,31
1/4" BSP	0-250	MFI6304250V	18,31
1/4" BSP	0-315	MFI6304315V	18,97
1/4" BSP	0-400	MFI6304400V	18,97
1/4" BSP	0-600	MFI6304600V	18,97
1/4" BSP	0-1000	MFI63041000V	20,98

## Pressure gauge DN 100 vertical connection with glycerin (1/2" BSP)

Manómetro DN 100 vertical con glicerina (1/2" BSP)

Manometer DN 100 Ausgang vertikal mit Glycerin (1/2" BSP)

Manomètre DN 100 sortie verticale avec glycérine (1/2" BSP)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/2" BSP	0-1	MFI10008001V	39,78
1/2" BSP	0-2.5	MFI1000802.5V	42,47
1/2" BSP	0-4	MFI10008004V	42,47
1/2" BSP	0-6	MFI10008006V	39,78
1/2" BSP	0-10	MFI10008010V	39,78
1/2" BSP	0-12	MFI10008012V	39,78
1/2" BSP	0-16	MFI10008016V	39,78
1/2" BSP	0-20	MFI10008020V	39,78
1/2" BSP	0-25	MFI10008025V	39,78
1/2" BSP	0-40	MFI10008040V	42,47
1/2" BSP	0-60	MFI10008060V	39,78
1/2" BSP	0-100	MFI10008100V	39,78
1/2" BSP	0-160	MFI10008160V	39,78
1/2" BSP	0-250	MFI10008250V	39,78
1/2" BSP	0-315	MFI10008315V	39,78
1/2" BSP	0-400	MFI10008400V	39,78
1/2" BSP	0-600	MFI10008600V	39,78

## Pressure gauge DN 63 rear connection with glycerin (1/4" BSP)

Manómetro DN 63 dorsal con glicerina (1/4" BSP)

Manometer DN 63 Ausgang hinten mit Glycerin (1/4" BSP)

Manomètre DN 63 sortie arrière avec glycérine (1/4" BSP)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/4" BSP	0-1	MFI6304001-DB	21,35
1/4" BSP	0-2.5	MFI63042.5-DB	23,48
1/4" BSP	0-4	MFI6304004-DB	21,35
1/4" BSP	0-6	MFI6304006-DB	21,35
1/4" BSP	0-10	MFI6304010-DB	21,35
1/4" BSP	0-12	MFI6304012-DB	21,35
1/4" BSP	0-16	MFI6304016-DB	21,35
1/4" BSP	0-20	MFI6304020-DB	23,48
1/4" BSP	0-25	MFI6304025-DB	21,35
1/4" BSP	0-40	MFI6304040-DB	21,35
1/4" BSP	0-60	MFI6304060-DB	21,35
1/4" BSP	0-100	MFI6304100-DB	21,35
1/4" BSP	0-160	MFI6304160-DB	21,35
1/4" BSP	0-250	MFI6304250-DB	21,35
1/4" BSP	0-315	MFI6304315-DB	23,48
1/4" BSP	0-400	MFI6304400-DB	21,35
1/4" BSP	0-600	MFI6304600-DB	23,48

## Pressure gauge DN 100 rear connection with glycerin (1/2" BSP)

Manómetro DN 100 dorsal con glicerina (1/2" BSP)

Manometer DN 100 Ausgang hinten mit Glycerin (1/2" BSP)

Manomètre DN 100 sortie arrière avec glycérine (1/2" BSP)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/2" BSP	0-1	MFI10008001-DB	47,72
1/2" BSP	0-2.5	MFI100082.5-DB	44,68
1/2" BSP	0-4	MFI10008004-DB	44,68
1/2" BSP	0-6	MFI10008006-DB	44,68
1/2" BSP	0-10	MFI10008010-DB	47,72
1/2" BSP	0-16	MFI10008016-DB	47,72
1/2" BSP	0-25	MFI10008025-DB	44,68
1/2" BSP	0-40	MFI10008040-DB	47,72
1/2" BSP	0-60	MFI10008060-DB	44,68
1/2" BSP	0-100	MFI10008100-DB	47,72
1/2" BSP	0-160	MFI10008160-DB	47,72
1/2" BSP	0-250	MFI10008250-DB	47,72
1/2" BSP	0-315	MFI10008315-DB	44,68
1/2" BSP	0-400	MFI10008400-DB	47,72
1/2" BSP	0-600	MFI10008600-DB	44,68



**MANÓMETROS CALIBRADOS  
BAJO CONSULTA**

**CALIBRATED MANOMETER  
ON REQUEST**

# PRESSURE AND VACUUM GAUGES

Instrumentos de medición  
Manometer und Vacuummeter  
Manomètres et vacuomètres

## Pressure gauge DN 63 rear connection without flange, with glycerin (1/4" BSP)

Manómetro DN 63 dorsal sin brida, con glicerina (1/4" BSP)

Manometer DN 63 Ausgang hinten ohne Flansch, mit Glycerin (1/4" BSP)

Manomètre DN 63 sortie arrière sans bride, avec glycérine (1/4" BSP)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/4" BSP	0-1	MF16304001-DBSB	19,66
1/4" BSP	0-2.5	MF163042.5-DBSB	19,66
1/4" BSP	0-4	MF16304004-DBSB	19,66
1/4" BSP	0-6	MF16304006-DBSB	19,66
1/4" BSP	0-10	MF16304010-DBSB	18,91
1/4" BSP	0-12	MF16304012-DBSB	19,66
1/4" BSP	0-16	MF16304016-DBSB	19,66
1/4" BSP	0-20	MF16304020-DBSB	19,66
1/4" BSP	0-25	MF16304025-DBSB	19,66
1/4" BSP	0-40	MF16304040-DBSB	19,66
1/4" BSP	0-60	MF16304060-DBSB	19,66
1/4" BSP	0-100	MF16304100-DBSB	19,66
1/4" BSP	0-160	MF16304160-DBSB	19,66
1/4" BSP	0-250	MF16304250-DBSB	17,88
1/4" BSP	0-315	MF16304315-DBSB	19,66
1/4" BSP	0-400	MF16304400-DBSB	19,66
1/4" BSP	0-600	MF16304600-DBSB	19,66

Check availability. It is also available with DN 100 / Consultar disponibilidad. Posibilidad de modelo con DN 100 / Bitte Verfügbarkeit prüfen. Möglichkeit des Modells mit DN 100 / Disponibilité à consulter / Possibilité aussi en DN100

## Pressure gauge DN 63 rear connection without flange with clamp, with glycerin (1/4" BSP)

Manómetro DN 63 dorsal sin brida con abrazadera, con glicerina (1/4" BSP)

Manometer DN 63 Ausgang hinten ohne Flansch mit Klemme, mit Glycerin (1/4" BSP)

Manomètre DN63 sortie arrière avec glycérine, collier de fixation sans collerette



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/4" BSP	0-6	MF16304006-DBCA	23,76
1/4" BSP	0-10	MF16304010-DBCA	23,76
1/4" BSP	0-16	MF16304016-DBCA	23,76
1/4" BSP	0-40	MF16304040-DBCA	23,76
1/4" BSP	0-60	MF16304060-DBCA	23,76
1/4" BSP	0-100	MF16304100-DBCA	23,76
1/4" BSP	0-160	MF16304160-DBCA	23,76
1/4" BSP	0-250	MF16304250-DBCA	23,76
1/4" BSP	0-400	MF16304400-DBCA	23,76

Check availability. It is also available with DN 100 / Consultar disponibilidad. Posibilidad de modelo con DN 100 / Bitte Verfügbarkeit prüfen. Möglichkeit des Modells mit DN 100 / Disponibilité à consulter / Possibilité aussi en DN100

## DN 63 / DN100 rear connection pressure gauge clamp

Abrazadera para manómetro DN 63 / DN 100 dorsal

Schelle für Manometer DN 63 / DN100 Ausgang hinten

Collier pour manomètre DN 63 / DN100 sortie arrière



DESCRIPTION DESCRIPCION	Part n° Referencia	€
CLAMP (63mm)	ABRMFI63	4,10
CLAMP (100mm)	ABRMFI100	5,74

Check availability. It is also available with DN 100 / Consultar disponibilidad. Posibilidad de modelo con DN 100 / Bitte Verfügbarkeit prüfen. Möglichkeit des Modells mit DN 100 / Disponibilité à consulter / Possibilité aussi en DN100

## Pressure gauge DN 63 vertical connection with glycerin (1/4" NPT)

Manómetro DN 63 vertical con glicerina (1/4" NPT)

Manometer DN 63 Ausgang vertikal mit Glycerin (1/4" NPT)

Manomètre DN 63 sortie verticale avec glycérine (1/4" NPT)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/4" NPT	0-10	MF16304010V NPT	17,13
1/4" NPT	0-16	MF16304016V NPT	17,13
1/4" NPT	0-25	MF16304025V NPT	17,13
1/4" NPT	0-60	MF16304060V NPT	17,13
1/4" NPT	0-160	MF16304160V NPT	17,13
1/4" NPT	0-250	MF16304250V NPT	17,13
1/4" NPT	0-400	MF16304400V NPT	17,13
1/4" NPT	0-700	MF16304700V NPT	18,84

## Pressure gauge DN 63 rear connection with glycerin (1/4" NPT)

Manómetro DN 63 dorsal con glicerina (1/4" NPT)

Manometer DN 63 Ausgang hinten mit Glycerin (1/4" NPT)

Manomètre DN 63 sortie arrière avec glycérine (1/4" NPT)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/4" NPT	0-10	MF16304010-DB NPT	21,97
1/4" NPT	0-16	MF16304016-DB NPT	21,97
1/4" NPT	0-25	MF16304025-DB NPT	21,97
1/4" NPT	0-60	MF16304060-DB NPT	21,97
1/4" NPT	0-160	MF16304160-DB NPT	21,97
1/4" NPT	0-250	MF16304250-DB NPT	21,97
1/4" NPT	0-400	MF16304400-DB NPT	21,97

Check availability. It is also available with DN 100 / Consultar disponibilidad. Posibilidad de modelo con DN 100 / Bitte Verfügbarkeit prüfen. Möglichkeit des Modells mit DN 100 / Disponibilité à consulter / Possibilité aussi en DN100

## Pressure gauge DN 100 vertical connection with glycerin (1/2" NPT)

Manómetro DN 100 vertical con glicerina (1/2" NPT)

Manometer DN 100 Ausgang vertikal mit Glycerin (1/2" NPT)

Manomètre DN 100 sortie verticale avec glycérine (1/2" NPT)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/2" NPT	0-10	MF110008010V NPT	39,78
1/2" NPT	0-25	MF110008025V NPT	39,78
1/2" NPT	0-60	MF110008060V NPT	39,78
1/2" NPT	0-250	MF110008250V NPT	39,78
1/2" NPT	0-400	MF110008400V NPT	39,78
1/2" NPT	0-600	MF110008600V NPT	42,47

## Pressure gauge in colours rear connection (1/8" BSPT)

Manómetro de colores dorsal (1/8" BSPT)

Farbmanometer Ausgang hinten (1/8" BSPT)

Manomètre à couleurs sortie arrière avec glycérine (1/8" BSPT)



SCALE (bar) ESCALA (bar)	Part n° Referencia	€
0-6	MFI CO 06	6,87

# PRESSURE AND VACUUM GAUGES

Instrumentos de medición  
Manometer und Vacuummeter  
Manomètres et vacuomètres

## Pressure gauge DN63 vertical connection with glycerin (1/4" BSP)

Manómetro digital DN63 vertical (1/4" BSP)

Digitalmanometer DN63 Ausgang vertikal (1/4" BSP)

Manomètre digital DN 63 sortie verticale (1/4" BSP)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/4" BSP	- 1 + 600	<b>MANDIG63V</b>	<b>244,12</b>

## Digital pressure gauge DN100 vertical connection (1/2" BSP)

Manómetro digital DN100 vertical (1/2" BSP)

Digitalmanometer DN 100 Ausgang vertikal (1/2" BSP)

Manomètre digital DN 100 sortie verticale (1/2" BSP)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/2" BSP	0-1000	<b>MANDIG100V</b>	<b>612,48</b>

## Vacuum gauge DN 63 with glycerin (1/4" BSP)

Vacuómetro DN 63 con glicerina (1/4" BSP)

Vakuummeter Farbe DN 63 mit Glycerin (1/4" BSP)

Vacuomètre DN 63 avec glycerine (1/4" BSP)



SCALE (bar) ESCALA (bar)	Part n° Referencia	€
- 1 + 0	<b>VAC6304-011</b>	<b>19,26</b>

## Vacuum gauges in colours rear connection (1/8" BSP)

Vacuómetro de colores dorsal (1/8" BSP)

Vakuummeter Farbe Ausgang hinten (1/8" BSP)

Vacuomètre à couleurs sortie arrière (1/8" BSP)



SCALE (bar) ESCALA (bar)	Part n° Referencia	€
- 1 + 0	<b>MFI VA 01</b>	<b>7,69</b>

## Temperature- pressure gauge DN 63 vertical connection (1/4" BSP)

Termomanómetro DN 63 vertical (1/4" BSP)

Thermo-Manometer DN 63 Ausgang vertikal (1/4" BSP)

Thermo-manomètre DN63 sortie vertical (1/4" BSP)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/4" BSP	0-4	<b>MFIT6304004V</b>	<b>35,24</b>
1/4" BSP	0-16	<b>MFIT6304016V</b>	<b>35,24</b>
1/4" BSP	0-40	<b>MFIT6304040V</b>	<b>35,24</b>

Temp: 0-120°C / Temp: 0-120°C / Temp: 0-120°C / Temp: 0-120°C

## Temperature- pressure gauge DN 63 rear connection (1/4" BSP)

Termomanómetro DN 63 dorsal (1/4" BSP)

Thermo-Manometer DN 63 Ausgang hinten (1/4" BSP)

Thermo-manomètre DN63 sortie arrière (1/4" BSP)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/4" BSP	0-4	<b>MFIT6304004-DB</b>	<b>33,54</b>
1/4" BSP	0-16	<b>MFIT6304016-DB</b>	<b>33,54</b>
1/4" BSP	0-40	<b>MFIT6304040-DB</b>	<b>33,54</b>

Temp: 0-120°C / Temp: 0-120°C / Temp: 0-120°C / Temp: 0-120°C

## Manovacuumeter DN 63 vertical connection with glycerin (1/4" BSP)

Manovacuómetro DN 63 vertical con glicerina (1/4" BSP)

Vakuu-Manometer DN 63 Ausgang vertikal mit Glycerin (1/4" BSP)

Manovacuumètre DN 63 sortie vertical avec glycerine (1/4" BSP)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/4" BSP	- 1 + 3	<b>MFIVAC6304003V</b>	<b>21,23</b>
1/4" BSP	- 1 + 5	<b>MFIVAC6304005V</b>	<b>21,23</b>
1/4" BSP	- 1 + 15	<b>MFIVAC6304015V</b>	<b>21,23</b>

## Manovacuumeter DN 63 rear connection with glycerin (1/4" BSP)

Manovacuómetro DN 63 dorsal con glicerina (1/4" BSP)

Vakuu-Manometer DN 63 Ausgang hinten Glycerin (1/4" BSP)

Manovacuumètre DN 63 sortie arrière avec glycerine (1/4" BSP)



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/4" BSP	- 1 + 3	<b>MFIVAC6304003-DB</b>	<b>26,75</b>
1/4" BSP	- 1 + 5	<b>MFIVAC6304005-DB</b>	<b>26,75</b>
1/4" BSP	- 1 + 15	<b>MFIVAC6304015-DB</b>	<b>26,75</b>

# PRESSURE AND VACUUM GAUGES

Instrumentos de medición  
Manometer und Vacuummeter  
Manomètres et vacuomètres

## Check cases (0 pressure gauge)

Maletín medida de presión (0 manómetros)

Messkoffer (ohne Manometer)

Coffre de mesure (0 manomètre)



SIZE TAMAÑO	Part n° Referencia	€
320x280x119	<b>CBOXMEDF</b>	<b>117,17</b>

## Check case 3 pressure gauge + accessories type 2

Maletín tres manómetros + accesorios tipo 2

Messkoffer mit 3 Manometern und Zubehör Typ 2

Coffre 3 manomètres + accessoires type 2



SIZE TAMAÑO	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
320x280x119	100/250/400	<b>CBOX0002</b>	<b>408,99</b>

## Check case 2 pressure gauge + accessories type 1

Maletín dos manómetros + accesorios tipo 1

Messkoffer mit 2 Manometern und Zubehör Typ 1

Coffre 2 manomètres + accessoires type 1



SIZE TAMAÑO	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
320x280x119	160/315	<b>CBOX0001</b>	<b>298,74</b>

## Check case 3 pressure transducers 50/200/400 bar

**NEW**

Maletín 3 transductores de presión 50/200/400 bar

Messkoffer mit 3 Druckmessumformer 50/200/400 bar

Coffre 3 transducteurs de pression 50/200/400 bar



Size Tamaño	Scale (bar) Escala (bar)	Part n° Referencia	€
320x280x119	50/200/400 BAR	<b>CBOXSMART</b>	<b>996,54</b>

## Check case 1 digital pressure gauge + accessories type 2

Maletín un manómetro digital + accesorios tipo 2

Messkoffer mit 1 Digitalmanometer und Zubehör Typ 2

Coffre 1 manomètre digital + accessoires type 2



SIZE TAMAÑO	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
320x280x119	0-1000	<b>CBOX0003</b>	<b>1.373,49</b>



**CBOX0001**



**CBOX0002**



**CBOX0003**



**CBOXSMART**

2 MANÓMETROS 1/4: 0-160 0-315	3 MANÓMETROS 1/4 0-100 0-250 0-400	1 MANÓMETROS DIG. 0-1000	3 TRANSDUCT. 0-50 0-200 0-400
<b>ACCESORIOS TIPO 2:</b> 1 MPR 1/4 C/J 1 MPR 3/8 C/J 1 MPR 1/4 NPT 1 MPR A 10X1 1 MPD 1/4 BSP 1 MPD 1/2 BSP 1 CAPUCHÓN ACERO 1 MPD 90 1/4 BSP 1 LATIGUILLO MINIMEX TL-TL 16X2 1.5 MTS	<b>ACCESORIOS TIPO 2:</b> 1 MPR 1/4 C/J 1 MPR 3/8 C/J 1 MPR 1/4 NPT 1 MPR A 10X1 1 MPD 1/4 BSP 1 MPD 1/2 BSP 1 CAPUCHÓN ACERO 1 MPR PT 1/4 BSP 1 LATIGUILLO MINIMEX TL-TL 16X2 1 MTS 1 LATIGUILLO MINIMEX TL-TL 16X2 2 MTS 1 MPR 7/16 UNF 1 MPR 9/16 UNF 1 MPR TLM 122 CM 1 MPR 3/8 NPT		



## FLOW TESTER

Medidores de caudal  
Durchfluss-Tester  
Débitmètres

### Flow tester type 3-3/4" BSP

Caudalímetro 250 bar - Tipo 3 - 3/4" BSP

Durchflussmesser 250 bar - Typ 3 - 3/4" BSP

Débitmètre 250 bar type 3-3/4" BSP



SCALE (l/min) ESCALA (l/min)	Part n° Referencia	€
0-56	WPB3A6HT15	1.875,30

### Flow tester type 5-1 1/2" BSP

Caudalímetro 250 bar - Tipo 5 - 1 1/2" BSP

Durchflussmesser 250 bar - Typ 5 - 1 1/2" BSP

Débitmètre 250 bar type 5-1 1/2" BSP



SCALE (l/min) ESCALA (l/min)	Part n° Referencia	€
75-550	WPB5A6HY99	4.652,59

### Flow tester type 6-1 1/4"

Caudalímetro 250 bar - Tipo 6 - 1 1/4" BSP

Durchflussmesser 250 bar - Typ 6 - 1 1/4" BSP

Débitmètre 250 bar type 6-1 1/4" BSP



SCALE (l/min) ESCALA (l/min)	Part n° Referencia	€
20-280	WPB5A6HW75	4.652,59

### Flow tester 420 bar Type 57 - 3/4" BSP

Caudalímetro 420 bar - Tipo 57 - 3/4" BSP

Durchflussmesser 420 bar - Typ 57 - 3/4" BSP

Débitmètre 420 bar Type 57 - 3/4" BSP



SCALE (l/min) ESCALA (l/min)	Part n° Referencia	€
2 - 30	FT5758-01	2.147,89
2 - 60	FT5758-02	2.345,83
4 - 120	FT5758-03	2.322,71

### Flow tester 350 bar Type 60 - 1" 1/2 BSP

Caudalímetro 350 bar - Tipo 60 - 1" 1/2 BSP

Durchflussmesser 300 bar - Typ 60 - 1" 1/2 BSP

Débitmètre 350 bar Type 60 - 1" 1/2 BSP



SCALE (l/min) ESCALA (l/min)	Part n° Referencia	€
10-200	FT6068-01	4.321,04
20-400	FT6068-03	5.399,18

### Flow tester 420 bar with box - 1" BSP

Caudalímetro 420 bar - con caja - 1" BSP

Durchflussmesser 420 bar - mit Verpackung - 1" BSP

Débitmètre 420 bar avec boîte - 1" BSP

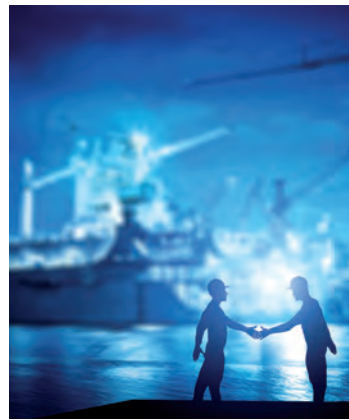


SCALE (l/min) ESCALA (l/min)	Part n° Referencia	€
10-120	FT5594-03	6.035,14
10-200	FT5594-09	6.203,58

# DICSA



## **INDUSTRIES** DICSA SERVES



## **DICSA SECTOR** **INDUSTRIAL**



[www.dicsaes.com](http://www.dicsaes.com)

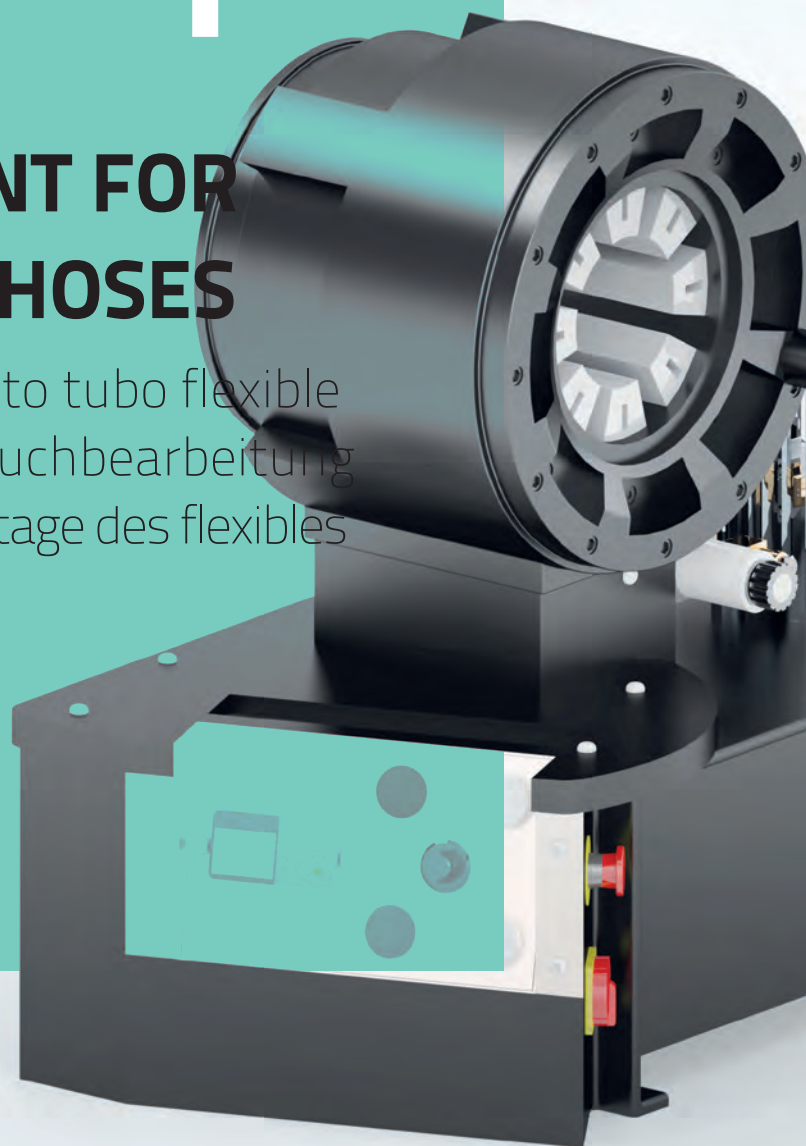
## **EQUIPMENT FOR FLEXIBLE HOSES** 126

Máquinas tratamiento tubo flexible  
Maschinen für Schlauchbearbeitung  
Machines pour le montage des flexibles

# 04

## **EQUIPMENT FOR FLEXIBLE HOSES**

Máquinas tratamiento tubo flexible  
Maschinen für Schlauchbearbeitung  
Machines pour le montage des flexibles



# PRENSAS MANUALES Y ELÉCTRICAS

Manual & Electric Crimping Machines  
Presses Manuelles et Électriques  
Presse Manuali e Elettriche

**PM 18 6J N**


- 80 t
- +20 mm
- 59 mm
- 28 kg.



**TrAde®**  
1" 2SP  
3/4" 4SP  
1/2" 6SP

**PM16-SPEED-8J | PM16-8J**

- 100 t
- +20 mm
- 59 mm
- 25 kg.



**TrAde®**  
1" 3SP

**PM18F-9J**


- 120 t
- +20 mm
- 65 mm
- 22 kg.



**TrAde®**  
1" 4SP

**PM22-9J**

- 140 t
- +25 mm
- 110 mm



**TrAde®**  
1" 1/4 4SP

**PE 38 15j NT**


- 220 t
- +32 mm
- 130 mm



**TrAde®**  
2" 4SP  
1" 6SP

**PE 50 17J NT**

- 420 t
- +32mm
- 130 mm



**TrAde®**  
2" 6SP

**SE 28 5j N/10J N**

- 137 t
- +28 mm
- 100 mm



**TrAde®**  
1" 1/4 4SP

**PE 38 12 J N**


- 240 t
- +38 mm
- 118 mm



**TrAde®**  
2" 4SP  
1" 6SP

**PE 58 14J N | PE 58 14J 5.5 N**

- 350 t
- +54 mm
- 180 mm



**TrAde®**  
2" 6SP  
3" 2SP

## Accesorios para prensas · Accessories for crimping machines

**M PE 38 NT**



**SPEBD N**



**EGN | EGNT**



**PEDAL**



**Garras especiales  
Special dies**



## CORTADORAS, PELADORAS Y EXPOSITORES

Cutting and Skiving machines & Roll Holder

Tronçoneuses, Dénudeuses et Dévidoirs

Taglierine, Spellatubi e Portarotoli

### CHMT-20 N

Ø Max. 50mm

2,2 Kw

Ø 250 mm



TrAde®  
1" 1/4 4SP

### CHM4-32 N

Ø Max. 75mm

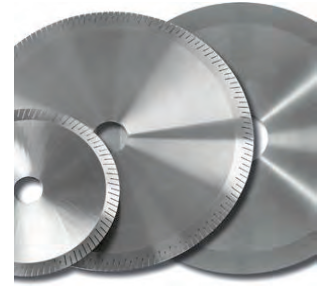
3 Kw

Ø 250 mm



TrAde®  
2" 4SP

### HOSE CUTTING BLADES



Disponibles múltiples perfiles de discos  
Available several profiles blades

### PB-32N

2"

R.P.M 300

0.75 Kw



TrAde®  
2"

### Útiles / Tools



Portaherramientas  
Tool holder

### PMT 2

2"



Peladora Manual  
Manual hose skiving

¡PERSONALIZA  
TUS  
MÁQUINAS!

CUSTOMIZE  
YOUR  
MACHINES!

YOUR  
LOGO

### PRO7

Carga máx.  
recomendada /  
bandeja: 70 Kg.

Carga total  
recomendada:  
490 Kg.

Each holder max  
70 kg

Total max. capacity:  
490 kg



### PCM3

Carga máx. rollo:  
35 Kg.

Each roll max 35 kg



DESCUBRE NUESTRO  
CATÁLOGO DE MÁQUINAS



DISCOVER OUR MACHINE  
CATALOGUE

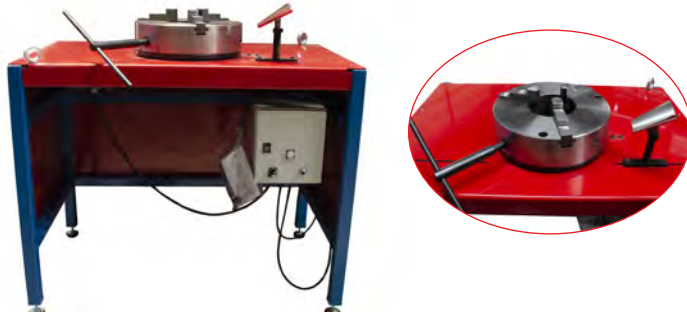
TrAde®

## OTRAS MÁQUINAS

Other Machines  
Autres Machines  
Altre Macchine

### MESASOLDADURA165

- 0.40 Kw
- 380 Kg



### CK50

- 7 Bar  
AIR

Espumas de  
múltiples tamaños  
Multiples foam sizes



Limpieza  
Washing

1/4" hasta 2"

### RG 10

- 7 Bar  
AIR
- Max. lenght.  
20 m



hasta 2" ID

### RG2

- 7 Bar  
AIR
- Max. lenght. 2,5 m

Máquina limpieza  
de mangueras móvil  
Mobile hose cleaning  
machine



hasta 1 1/4" ID

### MMT050

- Ø min. 11,5 mm - max. 100 mm

Marcadora  
manual  
Manual roll  
marking  
machine



### MNT050

- Ø min. 11,5 mm - max. 85 mm

Marcadora  
neumática  
Pneumatic marking  
machine



No incluido  
Not included

### IRT50

- Ø 50mm

Introducción rápido  
para racores  
Manual nipple inserter



BANCOS DE PRUEBA BAJO CONSULTA  
CONSULTA CUÁL ES LA MEJOR OPCIÓN  
para ti

CHOOSE THE BENCH THAT  
BEST SUITS YOUR NEEDS  
on request

## ROLLER

Roller  
Roller  
Roller



### Manual override Roller - Long

NEW

Roller Accionamiento Manual Largo

Roller à commande manuelle longue

Roller a comando manuale lungo



THREAD ROSCA	PRESSURE max PRESIÓN max	MAX HOSE LENGHT LONG. MÁX. MANG.	Part n° Referencia	€
3/8" BSP	207 bar	136 m - DN 3/8"	<b>RMLG06</b>	*
1/2" BSP	207 bar	90 m - DN 1/2"	<b>RMLG08</b>	*
3/4" BSP	207 bar	46 m - DN 3/4"	<b>RMLG12</b>	*

### Manual override Roller - Short

NEW

Roller Accionamiento Manual Corto

Roller à commande manuelle court

Roller a comando manuale breve



THREAD ROSCA	PRESSURE max PRESIÓN max	MAX HOSE LENGHT LONG. MÁX. MANG.	Part n° Referencia	€
3/8" BSP	207 bar	90 m - DN 3/8"	<b>RMSG06</b>	*
1/2" BSP	207 bar	60 m - DN 1/2"	<b>RMSG08</b>	*
3/4" BSP	207 bar	27 m - DN 3/4"	<b>RMSG12</b>	*

### Retractable Roller

NEW

Roller Retráctil

Roller Rétractable

Roller Retrattile



THREAD ROSCA	PRESSURE max PRESIÓN max	MAX HOSE LENGHT LONG. MÁX. MANG.	Part n° Referencia	€
3/8" BSP	180 bar	15 m - DN 3/8"	<b>RRHG06</b>	*
1/2" BSP	180 bar	15 m - DN 1/2"	<b>RRHG08</b>	*

### ACCESORIOS / ACCESSORIES



TAMBIÉN  
DISPONIBLE  
EN ACERO  
INOXIDABLE

Stainless Steel Hose  
Reels Also Available

\* OTROS MODELOS CONSULTAR / OTHER OPTIONS UNDER REQUEST

\* Consultar / On request / Sur demande / Su richiesta

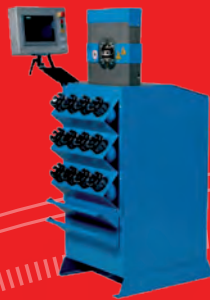


# SOLUCIONES ADAPTADAS **CUSTOMIZED SOLUTIONS**



**Estudiamos tu caso y recomendamos la opción que mejor se adapta a tu trabajo.**

*We can help you decide which option is best suited for your needs*



**MACHINE CATALOGUE  
CATÁLOGO MÁQUINAS**



# Industrial Flexible Hoses & Fittings

*Flexibles industriales*  
Industrieschläuche und -Armaturen  
*Flexibles industriels*

**INDUS TrAle®**

Industrial Flexible Hoses & Fittings



**Industrial hoses**

*Mangueras industriales*

Industrieschläuche

*Tuyaux industriels*



**Industrial fittings**

*Racores industriales*

Industriekupplungen

*Raccords industriels*



**Stainless steel hose, welding fittings and flanges**

*Inox Corrugado*

Edelstahl-Schläuche, Schweißarmaturen und -flansche

*Tuyau Inox, raccords et brides à souder*



**Low pressure**

*Baja presión*

Niederdruck

*Basse pression*



**Air conditioning hoses and fittings**

*Aire acondicionado*

Klimaschlauch und -Armaturen

*Climatisation*



**INDUSTRIAL HOSES INDUSTRIALE** | **138**

Manguera industrial INDUSTRale  
Industrieschläuche INDUSTRale  
Tuyaux industriels INDUSTRale

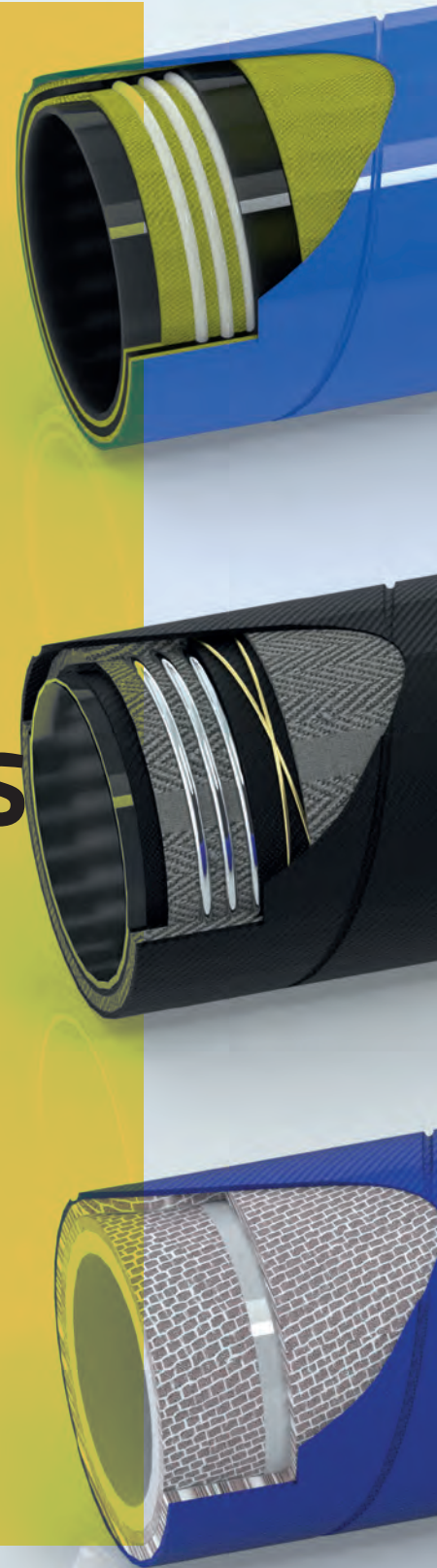
**INDUSTRIAL HOSES GREENLINE** | **143**

Manguera industrial GREENLINE  
Industrieschläuche GREENLINE  
Tuyaux industriels GREENLINE

# 01

## INDUSTRIAL HOSES

Mangueras industriales  
Industrieschläuche  
Tuyaux industriels



**INDUSTRIAL HOSES INDUSTRIALE**

Manguera industrial INDUSTrAle

Industrieschläuche INDUSTrAle

Tuyaux industriels INDUSTrAle

Air-water hoses ▪ Mangueras aire-agua ▪ Luft-Wasser-Schläuche ▪ Tuyaux air-eau | 138



M8000

MM20

MI0101

MF80

MA1220

MI0102

MI0103

Hydrocarbon hoses ▪ Mangueras hidrocarburos ▪ Schlauch für Kohlenwasserstoff-Transfer ▪ Tuyaux pour hydrocarbures | 139



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ML7010

MSB21

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MAS

MI0205

MI0206

## INDUSTRIAL HOSES GREENLINE

Manguera industrial GREENLINE

Industrieschläuche GREENLINE

Tuyaux industriels GREENLINE

Air-water hoses ▪ Mangueras aire-agua ▪ Luft-Wasser-Schläuche ▪ Tuyaux air-eau

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MW8000

MWI010

MWA1220

Hydrocarbon hoses ▪ Mangueras hidrocarburos ▪ Schlauch für Kohlenwasserstoff-Transfer ▪ Tuyaux pour hydrocarbures

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MW7000

## INDUSTRIAL HOSES INDUSTRIALE

Manguera industrial INDUSTrAle

Industrieschläuche INDUSTrAle

Tuyaux industriels INDUSTrAle

### Compressed Air hose - impulsion

Ariaform aire comprimido y agua-impulsión

ARIAFORM Druckluft- und Wasserschlauch

Ariaform refoulement air comprimé et de l'eau



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
6	14	M80000614	3,12
8	15	M80000817	3,46
10	17	M80001017	3,99
13	21	M80001321	5,72
16	26	M80001626	8,05
19	29	M80001929	8,84

### Multi-function. Continuous serie

Polivalente serie continua

Mehrzweckschlauch

Tuyau polyvalent air/eau



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
8	15	MM2008	4,82
10	17	MM2010	5,91
13	21	MM2013	7,20
16	24	MM2016	9,19
19	27	MM2019	11,51
25	34	MM2025	16,52
32	44	MM2032	30,86
38	50	MM2038	38,76

### Water suction hose 10 bar

Aspiración agua 10 bar

Wasser-Saugschlauch 10 bar

Tuyau aspiration eau 10 bar



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
25	35	MI01011025	32,87
30	40	MI01011030	36,54
32	42	MI01011032	32,85
35	45	MI01011035	39,88
38	48	MI01011038	42,09
40	50	MI01011040	42,62
51	62	MI01011051	51,44
60	71	MI01011060	61,80
63,5	76	MI01011063.5	64,87
70	82	MI01011070	73,42
76	88	MI01011076	80,70
80	92	MI01011080	85,71
90	102	MI01011090	102,61
102	117	MI01011102	109,63

### Fumigation hose. Continuous serie

Fumigación serie continua

Begasungsschlauch

Tuyau fumigation



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
12,5	21	MF8012	9,23

### Compressed air and water impulsion

Aire comprimido y agua - impulsión

Druckluft und Wasserfüllschlauch

Air comprimé et eau-impulsion



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
25	35	MA122025	11,50
32	45	MA122032	23,27
38	51	MA122040	31,58
51	64	MA122051	38,96
63.5	79.5	MA122063	61,10
75	91	MA122075	112,69

### Steam hose 18 bar, industrial cleaning, 210°C

Vapor 18 bar, limpieza industrial 210°C

Dampfschlauch 18 bar, Industriereinigung, 210°C

Tuyau vapeur 18 bar, nettoyage industriel 210°C



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
13,5	24,5	MI01021713	30,34
18	31	MI01021719	36,32
25	38	MI01021725	50,01
32	45	MI01021732	83,96
38	53	MI01021738	96,04
50,8	67	MI01021751	122,20
76,2	93	MI01021776	171,06

### Steam hose 7 bar, white EPDM FDA industrial cleaning

Vapor 7 bar EPDM blanco FDA - limpieza industrial

Dampfschlauch 7 bar, weiß EPDM FDA, Industriereinigung

Tuyau vapeur 7 bar EPDM blanc FDA nettoyage industriel



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
13	23	MI01030713	26,66
16	26	MI01030716	29,53
19	31	MI01030719	36,28
25	37	MI01030725	43,16



# INDUSTRIAL HOSES INDUSTRIALE

Manguera industrial INDUSTRale

Industrieschläuche INDUSTRale

Tuyaux industriels INDUSTRale

## Hydrocarbons hose 10 bar discharge

Manguera hidrocarburos 10 bar impulsión

Füllschlauch für Kohlenwasserstoffe 10 bar

Tuyau pour hydrocarbures 10 bar impulsion



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
6	12	MI04011006	4,31
8	14	MI04011008	5,40
10	17	MI04011010	6,62
13	20	MI04011013	8,49
16	23	MI04011016	9,96
19	27	MI04011019	13,37
25	35	MI04011025	20,57
32	42	MI04011032	32,46

## Hydrocarbons hose 20 bar discharge

Manguera hidrocarburos 20 bar impulsión

Füllschlauch für Kohlenwasserstoffe 20 bar

Tuyau pour hydrocarbures 20 bar impulsion



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
6	12	MI04042006	4,95
8	15	MI04042008	6,43
10	17	MI04042010	7,46
13	20	MI04042013	9,26
16	24	MI04042016	12,09
19	28	MI04042019	15,49
25	35	MI04042025	22,56
32	42	MI04042032	35,94

## Hydrocarbons hose 10 bar impulsion

Manguera hidrocarburos 10 bar aspiración

Saugschlauch für Kohlenwasserstoffe 10 bar

Tuyau pour hydrocarbures 10 bar aspiration



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
19	29	MI040310019	29,83
25	35	MI040310025	32,08
32	42	MI040310032	38,18
38	48	MI040310038	45,38
51	61,8	MI040310051	52,71
63	75	MI040310063	72,51
76	89	MI040310076	97,90
101,4	115,4	MI040310102	130,05

## Carbucord hose 16 bar

Manguera Carbucord 16 bar

CARBUCORD-Schlauch 16 BAR

Tuyau Carbucord 16 bar



Ø EXT. Ø OUTER	Ø INT. Ø INNER	Referencia Part n°	€
42	30	M70003041	46,09
44	32	M70003243	48,47
55	40	M70004054	66,34
65	50	M70005064	71,55

## SAE 100 R4 hose

Manguera SAE 100 R4

Schlauch SAE 100 R4

Tuyau SAE 100 R4



DN	Referencia Part n°	€
3/4"	ML701019	*
1"	ML701025	*
1 1/4"	ML701032	*
1 1/2"	ML701038	*
2"	ML701050	*
2 1/2"	ML701063	*

\*See prices page 16 / \*Ver precios en página 16 / \*Vgl. Sie die Preise auf S.16 / \*Voir les prix page 16

## EN 854 1TE / SAE 100 R6 Hose99

Manguera EN 854 1TE / SAE 100 R6

Schlauch EN 854 1TE / SAE 100 R6

Tuyau EN 854 1TE / SAE 100 R6



DN	Referencia Part n°	€
1/4"	MSB2104	*
5/16"	MSB2105	*
3/8"	MSB2106	*
1/2"	MSB2108	*
5/8"	MSB2110	*
3/4"	MSB2112	*
1"	MSB2116	*

\*See prices page 16 / \*Ver precios en página 16 / \*Vgl. Sie die Preise auf S.16 / \*Voir les prix page 16

**INDUSTRIAL HOSES INDUSTRIALE**

Manguera industrial INDUSTrAle

Industrieschläuche INDUSTrAle

Tuyaux industriels INDUSTrAle

**Welding hose acetylene**

Soldadura acetileno

Acetylen-Schlauch für Schweißen

Tuyau pour soudure - acétylène



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
6,3	13,3	MI06030603	4,11
8	15	MI06030803	5,01
10	17	MI06031003	5,40

**Welding hose - oxygene**

Soldadura oxígeno

Autogen-Schlauch für Schweißen

Tuyau pour soudure - oxygène



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
6,3	13,3	MI06020603	4,11
8	15	MI06020803	5,01
10	17	MI06021003	5,40

**Twin welding hose - oxygene-acetylene**

Bitubo (soldadura) oxígeno-acetileno

Zwillingschlauch für Schweißen, Sauerstoff-Acetylen

Tuyau pour soudure jumelé - oxygène-acétylène



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
6,3	12,3	MI0601060612	8,29
8	14	MI0601080814	10,03
10	16	MI0601101016	12,92

# INDUSTRIAL HOSES INDUSTRIALE

Manguera industrial INDUSTRale

Industrieschläuche INDUSTRale

Tuyaux industriels INDUSTRale

## Sandblast hose - impulsion 12 bar

Chorro de arena - impulsión 12 bar

Sandstrahl-Schlauch 12 bar

Tuyau sablage - refoulement 12 bar



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
13	27	MI030112013	25,58
19	33	MI030112019	28,41
25	39	MI030112025	30,92
32	48	MI030112032	40,44
38	54	MI030112038	47,12
42	56	MI030112042	48,79

## Abrasive hose - suction 10 bar

Abrasiva 10 bar aspiración

Strahlmittel-Saugschlauch 10 bar

Tuyau abrasif - aspiration 10 bar



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
51	65	MI030210051	81,17
60	75	MI030210060	92,46
63.5	79	MI030210063	80,17
76	92	MI030210076	130,54
80	96	MI030210080	135,42
102	118	MI030210102	179,77

## Abrasive hose - delivery 4 bar

Abrasiva 4 bar impulsión

Strahlmittel-Förderschlauch 4 bar

Tuyau abrasif - refoulement 4 bar



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
90	100	MI030305090	95,60
102	112	MI030305102	106,09
110	120	MI030305110	113,04
127	137	MI030305127	134,68
152	162	MI030305152	155,26
203	213	MI030305203	*

## Abrasive hose 40 bar

Abrasiva impulsión 40 bar

Strahlmittel-Förderschlauch 40 bar

Tuyau abrasif 40 bar



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
25	37	MI030540025	40,82
32	46	MI030540032	51,24
35	49	MI030540035	56,25
38	54	MI030540038	65,51
50	66	MI030540050	86,78
65	83	MI030540065	116,93
76	98	MI030540076	201,47
102	125	MI030540102	283,82

## Chemical products hose 16 bar EPDM

Productos químicos 16 bar EPDM

Schlauch für chem. Produkte 16 bar EPDM

Tuyau produits chimiques 16 bar EPDM



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
19	31	MI070116019	49,84
25	37	MI070116025	57,12
32	44	MI070116032	66,49
38	51	MI070116038	76,07
51	67	MI070116051	114,51
63	79	MI070116063	141,41

## Chemical products hose 16 bar Polyethylene /UPE

Productos químicos 16 bar Polietileno/UPE

Schlauch für chem. Produkte 16 bar Polyäthylen/  
UPE

Tuyau produits chimiques 16 bar Polyéthylène /UPE



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
19	31	MI070216019	68,85
25	37	MI070216025	79,91
32	44	MI070216032	93,53
38	51	MI070216038	103,18
50	66	MI070216050	131,50
63	79	MI070216063	198,40
75	91	MI070216075	254,10
100	116	MI070216100	334,68

\*On request / Consultar / Sur demande/ Su richiesta

## INDUSTRIAL HOSES INDUSTRIALE

Manguera industrial INDUSTrAle

Industrieschläuche INDUSTrAle

Tuyaux industriels INDUSTrAle

### Multi-function food hose FDA 10 bar

Manguera alimentaria polivalente FDA 10 bar

Mehrzweck-Lebensmittelschlauch FDA 10 bar

Tuyau alimentaire polyvalent FDA 10 bar



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
25,4	38	MAS025	39,63
32	45	MAS032	48,07
38	52	MAS038	64,23
50,8	66	MAS051	76,80
63,5	78	MAS063	94,62
76,2	93	MAS076	146,60

### Alcoholic beverages max. 40% FDA 10 bar

Bebidas alcohólicas máx. 40% FDA 10 bar

Schlauch für alkohol. Getränke max. 40% FDA 10 bar

Boissons alcoolisées max. 40% bar FDA 10



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
25	37	MI020610025	55,77
38	50	MI020610038	80,38
51	63	MI020610051	95,76
76	88	MI020610076	147,48

### Milk hose anti-extrusion polyamide spiral 10 bar

Leche anti-extrusión espiral poliamida 10 bar

Milchschauch Anti-Extrusion mit Wendel aus Polyamid 10 bar

Tuyau à lait anti-extrusion spirale polyamide 10 bar



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
25	38	MI020510025	63,79
32	45	MI020510032	73,71
38	52	MI020510038	82,61
51	66	MI020510051	103,85
63	78	MI020510063	146,00
76	93	MI020510076	170,07



## RACORES INOX PARA INDUSTRIA ALIMENTARIA FOOD INDUSTRY STAINLESS STEEL FITTINGS



**SMS**  
**Tri-Clamp ISO 2852**  
**DIN 11851**  
**Macon**  
**PTFE STD Series**



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## INDUSTRIAL HOSES GREENLINE

Manguera industrial GREENLINE

Industrieschläuche GREENLINE

Tuyaux industriels GREENLINE

### Compressed air and water impulsion

NEW

Aire comprimido y agua-impulsión

Druckluft und Wasser-Füllschlauch

Air comprimé et eau-impulsion



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
6	14	MW80000614	*
8	15	MW80000815	*
10	17	MW80001017	*
13	21	MW80001321	*

### Water suction hose 10 bar

NEW

Aspiración agua 10 bar

Wasser-Saugschlauch 10 bar

Tuyau aspiration eau 10 bar



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
25	36,5	MWI01011025	*
32	44	MWI01011032	*
51	63	MWI01011051	*

### Water and compressed air impulsion

NEW

Agua y aire comprimido- impulsión

Wasser und Druckluft -Füllschlauch

Eau et air comprimé- impulsion



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
25	35	MWA122025	*
32	43,2	MWA122032	*
38	49,2	MWA122040	*
51	63,4	MWA122051	*

### Hydrocarbons hose 16 bar

NEW

Manguera hidrocarburos 16 bar

Füllschlauch für Kohlenwasserstoffe 16 bar

Tuyau pour hydrocarbures 16 bar



Ø INT. Ø INNER	Ø ext Ø outer	Referencia Part n°	€
32	42	MW70003243	*
40	50	MW70004054	*
51	62	MW70005064	*

\*On request / Consultar / Sur demande/ Su richiesta

<b>CAMLOCK DIN 2828 FITTINGS</b>	<b>152</b>	<b>GEKA FITTINGS</b>	<b>167</b>
CAMLOCK DIN 2828		Acoples GEKA	
CAMLOCK DIN 2828		Kupplungen GEKA	
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<b>GUILLEMIN NF E-29572 FITTINGS</b>	<b>158</b>	<b>MORTAR CAMLOCK FITTINGS</b>	<b>168</b>
Acoples GUILLEMIN NF E-29572		Acoples CAMLOCK MORTERO	
Kupplungen GUILLEMIN NF E-29572		Kupplungen CAMLOCK MÖRTEL	
Raccords GUILLEMIN NF E-29572		Raccords MORTIER CAMLOCK	
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Kupplungen TW DIN 28450		SANDSTRAHL-Kupplungen	
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Acople BARCELONA UNE 23400		Acoples BAUER	
Kupplungen BARCELONA UNE 23400		Kupplungen BAUER	
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Acoples EA DIN 3489		Acoples vapor tipo BOSS	
Kupplungen EA DIN 3489		Dampf-Kupplungen Typ BOSS	
Raccords EA DIN 3489		Raccords vapeur type BOSS	
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Acoples UA CHICAGO		Acoples vapor EN 14423	
Kupplungen UA CHICAGO		Kupplungen EN 14423	
Raccords UA CHICAGO		Raccords vapeur EN 14423	
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Acoples EXPRESS NF E-29-573		Accesorios industriales	
Kupplungen EXPRESS NF E 29 573		Industriezubehör	
Raccords EXPRESS NF E-29-573		Accessoires industriels	

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## INDUSTRIAL FITTINGS

Racores industriales  
Industriekupplungen  
Raccords industriels



**CAMLOCK DIN 2828 FITTINGS**

CAMLOCK DIN 2828

CAMLOCK DIN 2828

Raccords CAMLOCK

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ALA



ALB



ALC



ALD



ALE



ALF



ALDC



ALDP

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BRA



BRB



BRD



BRE



BRC



BRDC



BRF



BRDP

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PPA



PPB



PPC



PPD



PPE



PPF



PPDC



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JCAMS

**GUILLEMIN NF E-29572 FITTINGS**

ACOPLES GUILLEMIN NF E-29572

Kupplungen GUILLEMIN NF E-29572

Raccords GUILLEMIN NF E-29572

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ALGU01C



ALGU02C



ALGU01S



ALGU02S



ALGU04C



ALGU03C



ALGU04S



ALGU05C

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## TW DIN 28450 FITTINGS

Acoples TW DIN 28450  
Kupplungen TW DIN 28450  
Raccords TW DIN 28450

TW brass ▪ TW Latón ▪ TW Messing ▪ TW laiton

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BRMK

BRVK

BRMB

BRVB

TW aluminum ▪ TW aluminio ▪ TW Aluminium ▪ TW aluminium

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ALMB

ALVB

U-seals for MK ▪ Juntas labiales para MK ▪ Lippendichtungen für MK ▪ Joints à lèvres pour MK

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NBRMK

FPMMK

Flat seals for TW VK ▪ Juntas planas roscadas para VK, MK ▪ Flachdichtungen für TW VK ▪ Joints plats pour TW VK

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NBRTWR

PTFEEWR

Flat seals for MB ▪ Juntas planas para MB ▪ Lippendichtungen für MB ▪ Joints plats pour MB

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CSMMB

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NBRTW

FPMTW

**BARCELONA UNE 23400 FITTINGS**

Acople BARCELONA UNE 23400  
Kupplungen BARCELONA UNE 23400  
Raccords BARCELONA UNE 23400

BARCELONA aluminium ▪ BARCELONA Aluminio ▪ BARCELONA Aluminium ▪ BARCELONA aluminium | 162



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**STORZ DIN 1430 FITTINGS**

Acoples STORZ DIN 1430  
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Raccords STORZ DIN 1430

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## UA CHICAGO FITTINGS

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## UA CHICAGO FITTINGS

Acoples UA CHICAGO  
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## GEKA FITTINGS

Acoples GEKA  
Raccords GEKA  
Raccordi GEKA

GEKA brass ▪ GEKA latón ▪ GEKA Messing ▪ GEKA laiton | 167



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GEKA seals ▪ Juntas GEKA ▪ GEKA Dichtungen ▪ Joints GEKA | 167



NBRGE

**MORTAR CAMLOCK FITTINGS**

Acoples CAMLOCK MORTERO  
Kupplungen CAMLOCK MÖRTEL  
Raccords MORTIER CAMLOCK

Carbon steel MORTAR CAMLOCK ▪ CAMLOCK MORTERO acero carbono ▪ CAMLOCK MÖRTEL Karbonstahl ▪ CAMLOCK MORTIER acier carbone

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MT22A



MT22C



MT22D



MT22E

**SANDBLAST FITTINGS**

Acoples CHORRO DE ARENA  
SANDSTRAHL-Kupplungen  
Raccords SABLAGE

SANDBLAST aluminum ▪ CHORRO DE ARENA aluminio ▪ SANDSTRAHL Kupplungen Aluminium ▪ SABLAGE aluminium

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ALCH05



ALCH01



ALCH07

SANDBLAST brass ▪ CHORRO DE ARENA latón ▪ SANDSTRAHL Kupplungen Messing ▪ SABLAGE laitón

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BRCH05



BRCH01



BRCH07

SANDBLAST nylon ▪ CHORRO DE ARENA nylon ▪ SANDSTRAHL Kupplungen Nylon ▪ SABLAGE nylon

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NYCH05



NYCH01



NYCH07

SANDBLAST Seals ▪ Juntas CHORRO DE ARENA ▪ SANDSTRAHL Dichtungen ▪ SABLAGE Joints

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NBRCH

**BAUER FITTINGS**

Acoples BAUER  
Kupplungen BAUER  
Raccords BAUER

BAUER carbon steel ▪ BAUER acero ▪ BAUER Karbonstahl ▪ BAUER acier

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BEF



BEM

BAUER seals ▪ JUNTA BAUER ▪ BAUER Dichtungen ▪ Joints BAUER

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NBRBE

**PERROT FITTINGS**

Acoples PERROT  
Kupplungen PERROT  
Raccords PERROT

PERROT carbon steel ▪ PERROT acero ▪ PERROT Karbonstahl ▪ PERROT acier

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PEF

PEM

PERROT seals ▪ Juntas PERROT ▪ PERROT Dichtungen ▪ Joints PERROT

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NBRPE

**STEAM FITTINGS BOSS TYPE**

Acoples vapor tipo BOSS  
Dampf-Kupplungen Typ BOSS  
Raccordi per vapore tipo BOSS

BOSS carbon steel ▪ BOSS acero ▪ BOSS Karbonstahl ▪ BOSS acier

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B01\_3

**STEAM EN 14423 FITTINGS**

Acoples vapor EN 14423  
Kupplungen EN 14423  
Raccords vappeur EN 14423

EN 14423 steel fittings ▪ EN 144423 acero carbono ▪ Kupplungen EN 14423 Stahl ▪ Raccords EN 14423 acier

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AB06



STE01



STE02

**INDUSTRIAL ACCESSORIES**

Accesorios industriales  
Industriezubehör  
Accessoires industriels

Crimping Ferrule for industrial fitting ▪ Campana para racor industrial ▪ Presshülse für Industriekupplungen ▪  
Jupe pour raccord industriel

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ALCA

Clamp for industrial fitting ▪ Abrazadera para racor industrial ▪ Schelle für Industriekupplung ▪ Collier pour  
raccord industriel

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ALAB01



AB03



AB05



AB04



AB02

**CAMLOCK DIN 2828 FITTINGS**

CAMLOCK DIN 2828

CAMLOCK DIN 2828

Raccords CAMLOCK

**CAMLOCK aluminum male - female threaded BSP Type A**CAMLOCK aluminio macho - rosca hembra BSP  
Tipo A

CAMLOCK Aluminium Typ A

CAMLOCK aluminium -adaptateur mâle - filetage  
femelle Type A

DN	ROSCA THREAD	Referencia Part n°	€
12	1/2"	ALA012	3,06
20	3/4"	ALA020	3,35
25	1"	ALA025	4,29
32	1" 1/4	ALA032	5,69
40	1" 1/2	ALA040	6,72
50	2"	ALA050	7,68
65	2" 1/2	ALA065	13,62
80	3"	ALA080	13,25
100	4"	ALA100	23,77

**CAMLOCK aluminum female - male threaded BSPT Type B**CAMLOCK aluminio hembra - rosca macho BSPT  
Tipo B

CAMLOCK Aluminium TYP B

CAMLOCK aluminium -adaptateur femelle - filetage mâle  
Type B

DN	ROSCA THREAD	Referencia Part n°	€
12	1/2"	ALB012	7,38
20	3/4"	ALB020	8,09
25	1"	ALB025	9,82
32	1" 1/4	ALB032	14,61
40	1" 1/2	ALB040	15,18
50	2"	ALB050	17,50
65	2" 1/2	ALB065	20,79
80	3"	ALB080	28,54
100	4"	ALB100	39,28

**CAMLOCK aluminum female - serrated hose shank Type C**

CAMLOCK aluminio hembra - para manguera Tipo C

CAMLOCK Aluminium TYP C

CAMLOCK aluminium -coupleur femelle Type C



DN	MANGUERA HOSE	Referencia Part n°	€
12	1/2"	ALC012	7,26
20	3/4"	ALC020	8,09
25	1"	ALC025	9,76
32	1" 1/4	ALC032	15,61
40	1" 1/2	ALC040	16,79
50	2"	ALC050	19,76
65	2" 1/2	ALC065	24,10
80	3"	ALC080	32,30
100	4"	ALC100	44,90

**CAMLOCK aluminum female - female threaded BSP Type D**CAMLOCK aluminio hembra - rosca hembra BSP  
Tipo D

CAMLOCK Aluminium TYP D

CAMLOCK aluminium -adaptateur femelle Type D



DN	ROSCA THREAD	Referencia Part n°	€
12	1/2"	ALD012	6,85
20	3/4"	ALD020	8,20
25	1"	ALD025	10,15
32	1" 1/4	ALD032	15,10
40	1" 1/2	ALD040	16,36
50	2"	ALD050	18,02
65	2" 1/2	ALD065	23,33
80	3"	ALD080	29,21
100	4"	ALD100	43,00

**CAMLOCK aluminum male - serrated hose shank Type E**

CAMLOCK aluminio macho - para manguera Tipo E

CAMLOCK Aluminium TYP E

CAMLOCK aluminium -coupleur mâle Type E



DN	MANGUERA HOSE	Referencia Part n°	€
12	1/2"	ALE012	3,22
20	3/4"	ALE020	3,55
25	1"	ALE025	4,87
32	1" 1/4	ALE032	7,02
40	1" 1/2	ALE040	8,34
50	2"	ALE050	11,41
65	2" 1/2	ALE065	20,22
80	3"	ALE080	22,64
100	4"	ALE100	34,82

**CAMLOCK aluminum male - male threaded BSPT Type F**

CAMLOCK aluminio macho - rosca macho BSPT Tipo F

CAMLOCK Aluminium TYP F

CAMLOCK aluminium -adaptateur mâle Type F



DN	ROSCA THREAD	Referencia Part n°	€
12	1/2"	ALF012	3,55
20	3/4"	ALF020	3,56
25	1"	ALF025	5,20
32	1" 1/4	ALF032	7,68
40	1" 1/2	ALF040	9,15
50	2"	ALF050	10,95
65	2" 1/2	ALF065	18,65
80	3"	ALF080	19,84
100	4"	ALF100	34,41

## CAMLOCK DIN 2828 FITTINGS

CAMLOCK DIN 2828

CAMLOCK DIN 2828

Raccords CAMLOCK

### CAMLOCK aluminum cap Type DC

CAMLOCK aluminio hembra - tapón Tipo DC

CAMLOCK Aluminium TYP DC

CAMLOCK aluminium -bouchon femelle Type DC



DN	Referencia Part n°	€
12	ALDC012	6,76
20	ALDC020	7,68
25	ALDC025	9,24
32	ALDC032	13,45
40	ALDC040	14,36
50	ALDC050	17,03
65	ALDC065	19,46
80	ALDC080	24,45
100	ALDC100	36,56

### CAMLOCK aluminum male - plug Type DC

CAMLOCK aluminio macho - tapón tipo DP

CAMLOCK Aluminium TYP DP

CAMLOCK aluminium -bouchon mâle Type DP



DN	Referencia Part n°	€
12	ALDP012	1,98
20	ALDP020	2,85
25	ALDP025	3,55
32	ALDP032	5,38
40	ALDP040	6,04
50	ALDP050	8,58
65	ALDP065	11,88
80	ALDP080	13,54
100	ALDP100	22,86

**CAMLOCK DIN 2828 FITTINGS**

CAMLOCK DIN 2828

CAMLOCK DIN 2828

Raccords CAMLOCK

**CAMLOCK brass -adaptor, female threaded Type A**

CAMLOCK latón macho - rosca hembra Tipo A

CAMLOCK Messing Typ A

CAMLOCK laiton -adapteur mâle - filetage femelle  
Type A

DN	ROSCA THREAD	Referencia Part n°	€
12	1/2"	BRA012	8,26
20	3/4"	BRA020	9,35
25	1"	BRA025	11,30
32	1" 1/4	BRA032	16,21
40	1" 1/2	BRA040	23,02
50	2"	BRA050	28,94
65	2" 1/2	BRA065	41,77
80	3"	BRA080	50,38
100	4"	BRA100	91,86

**CAMLOCK brass -coupling, female threaded Type B**

CAMLOCK latón hembra - rosca macho Tipo B

CAMLOCK Messing TYP B

CAMLOCK laiton -adapteur femelle - filetage mâle  
Type B

DN	ROSCA THREAD	Referencia Part n°	€
12	1/2"	BRB012	18,81
20	3/4"	BRB020	16,28
25	1"	BRB025	22,85
32	1" 1/4	BRB032	34,15
40	1" 1/2	BRB040	39,96
50	2"	BRB050	47,72
65	2" 1/2	BRB065	61,07
80	3"	BRB080	84,75
100	4"	BRB100	118,31

**CAMLOCK brass -coupling with serrated hose shank Type C**

CAMLOCK latón hembra para manguera Tipo C

CAMLOCK Messing TYP C

CAMLOCK laiton -coupleur femelle Type C



DN	MANGUERA HOSE	Referencia Part n°	€
12	1/2"	BRC012	20,02
20	3/4"	BRC020	20,19
25	1"	BRC025	27,87
32	1" 1/4	BRC032	41,95
40	1" 1/2	BRC040	51,58
50	2"	BRC050	63,16
65	2" 1/2	BRC065	86,80
80	3"	BRC080	116,87
100	4"	BRC100	191,78

**CAMLOCK brass -coupling, female threaded Type D**

CAMLOCK latón hembra BSP Tipo D

CAMLOCK Messing TYP D

CAMLOCK laiton -adapteur femelle Type D



DN	ROSCA THREAD	Referencia Part n°	€
12	1/2"	BRD012	19,90
20	3/4"	BRD020	19,96
25	1"	BRD025	24,75
32	1" 1/4	BRD032	37,53
40	1" 1/2	BRD040	40,67
50	2"	BRD050	51,47
65	2" 1/2	BRD065	65,58
80	3"	BRD080	94,23
100	4"	BRD100	142,59

**CAMLOCK brass -adaptor, with serrated hose shank Type E**

CAMLOCK latón macho para manguera Tipo E

CAMLOCK Messing TYP E

CAMLOCK laiton -coupleur mâle Type E



DN	MANGUERA HOSE	Referencia Part n°	€
12	1/2"	BRE012	11,68
20	3/4"	BRE020	13,71
25	1"	BRE025	21,02
32	1" 1/4	BRE032	28,24
40	1" 1/2	BRE040	39,54
50	2"	BRE050	50,38
65	2" 1/2	BRE065	80,56
80	3"	BRE080	116,87
100	4"	BRE100	193,36

**CAMLOCK brass -adaptor, male threaded Type F**

CAMLOCK latón macho BSPT Tipo F

CAMLOCK Messing TYP F

CAMLOCK laiton -adapteur mâle Type F



DN	ROSCA THREAD	Referencia Part n°	€
12	1/2"	BRF012	10,10
20	3/4"	BRF020	11,30
25	1"	BRF025	14,54
32	1" 1/4	BRF032	22,96
40	1" 1/2	BRF040	27,87
50	2"	BRF050	38,40
65	2" 1/2	BRF065	57,97
80	3"	BRF080	82,88
100	4"	BRF100	122,61



## CAMLOCK DIN 2828 FITTINGS

CAMLOCK DIN 2828

CAMLOCK DIN 2828

Raccords CAMLOCK

### CAMLOCK brass - cap Type DC

CAMLOCK latón hembra -tapón Tipo DC

CAMLOCK Messing TYP DC

CAMLOCK laiton -bouchon femelle Type DC



DN	Referencia Part n°	€
12	BRDC012	15,66
20	BRDC020	17,78
25	BRDC025	22,60
32	BRDC032	35,47
40	BRDC040	39,54
50	BRDC050	50,01
65	BRDC065	63,77
80	BRDC080	75,75
100	BRDC100	108,81

### CAMLOCK brass - plug Type DC

CAMLOCK latón macho -tapón Tipo DP

CAMLOCK Messing TYP DP

CAMLOCK laiton -bouchon mâle Type DP



DN	Referencia Part n°	€
12	BRDP012	6,59
20	BRDP020	6,94
25	BRDP025	10,56
32	BRDP032	16,11
40	BRDP040	20,19
50	BRDP050	32,23
65	BRDP065	44,08
80	BRDP080	66,77
100	BRDP100	91,68

**CAMLOCK DIN 2828 FITTINGS**

CAMLOCK DIN 2828

CAMLOCK DIN 2828

Raccords CAMLOCK

**CAMLOCK PP-Adaptor, female thread BSP Type A**

CAMLOCK PP Adaptador macho - rosca hembra Tipo A BSP

CAMLOCK PP-Kupplung m-w Typ A BSP

CAMLOCK PP-Adapteur mâle - filetage femelle  
Type A BSP

DN	ROSCA THREAD	Referencia Part n°	€
12	1/2"	PPA012	1,11
20	3/4"	PPA020	1,18
25	1"	PPA025	1,30
32	1"1/4	PPA032	1,93
40	1"1/2	PPA040	2,25
50	2"	PPA050	3,61
65	2"1/2	PPA065	4,58
80	3"	PPA080	5,70
100	4"	PPA100	14,17

**CAMLOCK PP-Coupling, female thread BSP Type D**

CAMLOCK PP Adaptador hembra Tipo D BSP

CAMLOCK PP-Kupplung TYP D BSP

CAMLOCK PP-Adapteur femelle Type D BSP



DN	ROSCA THREAD	Referencia Part n°	€
12	1/2"	PPD012	5,86
20	3/4"	PPD020	5,79
25	1"	PPD025	6,93
32	1"1/4	PPD032	10,98
40	1"1/2	PPD040	11,62
50	2"	PPD050	12,44
65	2"1/2	PPD065	13,11
80	3"	PPD080	17,12
100	4"	PPD100	37,22

**CAMLOCK PP-Coupling, female thread BSPT Type B**

CAMLOCK PP Adaptador hembra - rosca macho Tipo B BSPT

CAMLOCK PP-Kupplung w-m TYP B BSPT

CAMLOCK PP-Adapteur femelle - filetage mâle  
Type B BSPT

DN	ROSCA THREAD	Referencia Part n°	€
12	1/2"	PPB012	5,97
20	3/4"	PPB020	6,17
25	1"	PPB025	7,44
32	1"1/4	PPB032	11,15
40	1"1/2	PPB040	11,50
50	2"	PPB050	12,30
65	2"1/2	PPB065	14,64
80	3"	PPB080	17,84
100	4"	PPB100	35,38

**CAMLOCK PP-Adaptor, with serrat hose shank Type E**CAMLOCK PP Conexión macho para manguera  
Tipo E

CAMLOCK PP-Schlauch-Kupplung TYP E

CAMLOCK PP-Coupleur mâle Type E



DN	MANGUERA HOSE	Referencia Part n°	€
12	1/2"	PPE012	1,09
20	3/4"	PPE020	1,30
25	1"	PPE025	1,45
32	1"1/4	PPE032	2,05
40	1"1/2	PPE040	3,74
50	2"	PPE050	4,48
65	2"1/2	PPE065	5,59
80	3"	PPE080	7,77
100	4"	PPE100	17,07

**CAMLOCK PP-Coupling with serrat hose shank Type C**CAMLOCK PP Conexión hembra para manguera  
Tipo C

CAMLOCK PP-Schlauch-Kupplung TYP C

CAMLOCK PP-Coupleur femelle Type C



DN	MANGUERA HOSE	Referencia Part n°	€
12	1/2"	PPC012	6,12
20	3/4"	PPC020	6,32
25	1"	PPC025	7,40
32	1"1/4	PPC032	11,29
40	1"1/2	PPC040	11,56
50	2"	PPC050	13,05
65	2"1/2	PPC065	16,11
80	3"	PPC080	19,49
100	4"	PPC100	38,36

**CAMLOCK PP-Adaptor, male thread BSPT Type F**

CAMLOCK PP Adaptador macho Tipo F BSPT

CAMLOCK PP-Adapter TYP F BSPT

CAMLOCK PP-Adapteur mâle Type F BSPT



DN	ROSCA THREAD	Referencia Part n°	€
12	1/2"	PPF012	1,17
20	3/4"	PPF020	1,39
25	1"	PPF025	1,43
32	1"1/4	PPF032	2,10
40	1"1/2	PPF040	2,33
50	2"	PPF050	3,99
65	2"1/2	PPF065	5,27
80	3"	PPF080	6,14
100	4"	PPF100	16,28

## CAMLOCK DIN 2828 FITTINGS

CAMLOCK DIN 2828

CAMLOCK DIN 2828

Raccords CAMLOCK

### CAMLOCK PP-Caps Type DC

CAMLOCK PP Tapón hembra Tipo DC

CAMLOCK PP-Verschluss w TYP DC

CAMLOCK PP-Bouchon femelle Type DC



DN	Referencia Part n°	€
12	PPDC012	4,27
20	PPDC020	5,37
25	PPDC025	6,81
32	PPDC032	10,49
40	PPDC040	11,45
50	PPDC050	11,86
65	PPDC065	14,82
80	PPDC080	16,77
100	PPDC100	34,02

### CAMLOCK PP-Plug Type DP

CAMLOCK PP Tapón macho tipo DP

CAMLOCK PP-Verschluss m TYP DP

CAMLOCK PP-Bouchon mâle Type DP



DN	Referencia Part n°	€
12	PPDP012	1,14
20	PPDP020	1,14
25	PPDP025	1,33
32	PPDP032	1,97
40	PPDP040	2,23
50	PPDP050	2,59
65	PPDP065	4,24
80	PPDP080	5,72
100	PPDP100	12,15

### CAMLOCK NBR Seal

Juntas CAMLOCK NBR

NBR-Dichtringe für CAMLOCK

Joint CAMLOCK NBR



	Referencia Part n°	€
12	JCAMNBR012	*
20	JCAMNBR020	*
25	JCAMNBR025	*
32	JCAMNBR032	*
40	JCAMNBR040	*
50	JCAMNBR050	*
65	JCAMNBR065	*
80	JCAMNBR080	*
100	JCAMNBR100	*

\*See prices in Stainless steel Catalogue p. 198 / \*Ver precios en Tarifa Inox pág. 198 / \*\*Vergleichen Sie die Preise im Edelstahl-Katalog, S. 198 / \*Voir prix dans le Catalogue Acier Inox p. 198

### CAMLOCK Silicone Seal

Junta CAMLOCK silicona

Dichtring CAMLOCK Silikon

Joint CAMLOCK silicone



	Referencia Part n°	€
12	JCAMS012	*
20	JCAMS020	*
25	JCAMS025	*
32	JCAMS032	*
40	JCAMS040	*
50	JCAMS050	*
65	JCAMS065	*
80	JCAMS080	*
100	JCAMS100	*

\*See prices in Stainless steel Catalogue p. 198 / \*Ver precios en Tarifa Inox pág. 198 / \*\*Vergleichen Sie die Preise im Edelstahl-Katalog, S. 198 / \*Voir prix dans le Catalogue Acier Inox p. 198

## CAMLOCK ACERO INOXIDABLE | STAINLESS STEEL



### EN 14420-7 | DIN 2828

Ver ficha técnica | Check technical sheet

Para una amplia gama de aplicaciones como agua, petróleo y productos químicos

For a wide range of applications such as water, petroleum and chemical liquids

**GUILLEMIN NF E-29572 FITTINGS**

Acoples GUILLEMIN NF E-29572  
Kupplungen GUILLEMIN NF E-29572  
Raccords GUILLEMIN NF E-29572

**GUILLEMIN aluminium with closure-BSP Female thread**

GUILLEMIN aluminio con cierre -rosca hembra BSP

GUILLEMIN-Kuppl. Aluminium mit Verschluss -  
BSP w

GUILLEMIN aluminium avec fermeture-Filetage  
Femelle BSP



DN	ROSCA THREAD	Referencia Part n°	€
20	3/4"	ALGU01C020	10,31
25	1"	ALGU01C025	14,61
32	1" 1/4	ALGU01C032	17,14
40	1" 1/2	ALGU01C040	20,85
50	2"	ALGU01C050	30,77
65	2" 1/2	ALGU01C065	41,11
80	3"	ALGU01C080	43,09
100	4"	ALGU01C100	74,16

**GUILLEMIN aluminium with closure- BSP Male thread**

GUILLEMIN aluminio con cierre -rosca macho BSP

GUILLEMIN-Kuppl. Aluminium mit Verschluss -  
BSP m

GUILLEMIN aluminium avec fermeture -Filetage Male BSP



DN	ROSCA THREAD	Referencia Part n°	€
20	3/4"	ALGU02C020	10,78
25	1"	ALGU02C025	10,78
32	1" 1/4	ALGU02C032	17,47
40	1" 1/2	ALGU02C040	13,93
50	2"	ALGU02C050	24,01
65	2" 1/2	ALGU02C065	25,34
80	3"	ALGU02C080	43,84
100	4"	ALGU02C100	47,92

**GUILLEMIN aluminium without closure -BSP Female thread**

GUILLEMIN aluminio sin cierre -rosca hembra BSP

GUILLEMIN-Kuppl. Aluminium ohne Verschluss -  
BSP w

GUILLEMIN aluminium sans fermeture -Filetage  
Femelle BSP



DN	ROSCA THREAD	Referencia Part n°	€
20	3/4"	ALGU01S020	9,84
25	1"	ALGU01S025	9,84
32	1" 1/4	ALGU01S032	10,70
40	1" 1/2	ALGU01S040	8,80
50	2"	ALGU01S050	11,88
65	2" 1/2	ALGU01S065	13,81
80	3"	ALGU01S080	20,67
100	4"	ALGU01S100	24,40

**GUILLEMIN aluminium without closure-BSP Male thread**

GUILLEMIN aluminio sin cierre -rosca macho BSP

GUILLEMIN-Kuppl. Aluminium ohne Verschluss -  
BSP m

GUILLEMIN aluminium sans fermeture -Filetage  
Male BSP



DN	ROSCA THREAD	Referencia Part n°	€
20	3/4"	ALGU02S020	9,84
25	1"	ALGU02S025	9,84
32	1" 1/4	ALGU02S032	11,41
40	1" 1/2	ALGU02S040	10,62
50	2"	ALGU02S050	15,04
65	2" 1/2	ALGU02S065	18,73
80	3"	ALGU02S080	27,74
100	4"	ALGU02S100	35,10

**GUILLEMIN aluminium with closure-Plug**

GUILLEMIN aluminio con cierre -tapón

GUILLEMIN-Kuppl. Aluminium mit Verschluss -  
Blindkupplung

GUILLEMIN aluminium avec fermeture -Bouchon



DN	Referencia Part n°	€
20	ALGU04C020	12,67
25	ALGU04C025	12,67
32	ALGU04C032	12,67
40	ALGU04C040	14,72
50	ALGU04C050	19,94
65	ALGU04C065	23,21
80	ALGU04C080	32,74
100	ALGU04C100	41,78

**GUILLEMIN aluminium with closure-Reducer**

GUILLEMIN aluminio con cierre-reductor

GUILLEMIN-Kuppl. Aluminium mit Verschluss - Reduzierstück

GUILLEMIN aluminium avec fermeture -Réduction



DN	Referencia Part n°	€
40-32	ALGU03C040032	56,62
50-40	ALGU03C050040	49,97
65-50	ALGU03C065050	52,41
80-65	ALGU03C080065	73,48
100-80	ALGU03C100080	106,78

**GUILLEMIN aluminium without closure-Plug**

GUILLEMIN aluminio sin cierre -tapón

GUILLEMIN-Kuppl. Aluminium ohne Verschluss - Blindkupplung

GUILLEMIN aluminium sans fermeture -Bouchon



DN	Referencia Part n°	€
32	ALGU04S032	14,48
40	ALGU04S040	14,48
50	ALGU04S050	13,38
65	ALGU04S065	20,54
80	ALGU04S080	22,98
100	ALGU04S100	28,88

## GUILLEMIN NF E-29572 FITTINGS

Acoples GUILLEMIN NF E-29572  
Kupplungen GUILLEMIN NF E-29572  
Raccords GUILLEMIN NF E-29572

### GUILLEMIN aluminium with closure-For hose

GUILLEMIN aluminio con cierre -para manguera

GUILLEMIN-Kuppl. Aluminium mit Verschluss -  
Schlauchstutzen

GUILLEMIN aluminium avec fermeture-Pour tuyau



Ø ESPIGA(mm) Ø TAIL (mm)	TAMAÑO SIZE	Referencia Part n°	€
40	40	ALGU05C040040	18,36
45	40	ALGU05C040045	18,36
50	50	ALGU05C050050	25,77
55	50	ALGU05C050055	24,42
65	65	ALGU05C065065	35,19
80	80	ALGU05C080080	52,65
100	100	ALGU05C100100	70,85

### GUILLEMIN -NBR joint

GUILLEMIN -junta NBR

GUILLEMIN-Dichtung NBR

GUILLEMIN -joint NBR



DN	Referencia Part n°	€
20	NBRGU020	0,47
25	NBRGU025	0,79
32	NBRGU032	0,87
40	NBRGU040	1,50
50	NBRGU050	1,57
65	NBRGU065	2,83
80	NBRGU080	3,23
100	NBRGU100	6,53

## GUILLEMIN ACERO INOXIDABLE | STAINLESS STEEL



**EN 14420-8 | NF E-29572**

Ver ficha técnica | Check technical sheet

Aplicaciones de presión y aspiración en un amplio rango de industrias

*Pressure and suction purposes in a wide range of industries*

**TW DIN 28450 FITTINGS**

Acoples TW DIN 28450  
Kupplungen TW DIN 28450  
Raccords TW DIN 28450

**TW brass -Female thread - female coupling**

TW latón -Rosca hembra - acople hembra BSP

TW Messing - BSP-Kupplung w

TW laiton -Filetage Femelle - accouplement Femelle BSP



DN	Referencia Part n°	€
2"	BRMK05032	75,16
3"	BRMK08048	133,77
4"	BRMK10064	262,32

**TW brass -Female thread - male coupling**

TW latón -Rosca hembra - acople macho BSP

TW Messing - BSP-Kupplung m

TW laiton - Filetage Femelle - accouplement Male BSP



DN	∅	Referencia Part n°	€
2"	70.5	BRVK05032	40,85
3"	102	BRVK08048	66,97
4"	128	BRVK10064	137,90

**TW brass -Plug - Female coupling**

TW latón -Tapón - acople hembra

TW Messing - Blindkupplung w

TW laiton -Bouchon - accouplement Femelle



DN	Referencia Part n°	€
2"	BRMB050	22,90
3"	BRMB080	65,16
4"	BRMB100	111,98

**TW brass -Plug - Male coupling**

TW latón -Tapón - acople macho

TW Messing - Blindkupplung m

TW laiton -Bouchon - accouplement Mâle



DN	∅	Referencia Part n°	€
2"	70.5	BRVB050	22,58
3"	102	BRVB080	63,60
4"	128	BRVB100	86,56

**TW aluminum -Female Dust Cap coupling**

TW aluminio-Tapón - acople hembra

TW Aluminium-Kupplung w

TW aluminium -Bouchon - accouplement Femelle



DN	Referencia Part n°	€
2"	ALMB050	13,69
3"	ALMB080	28,14
4"	ALMB100	57,60

**TW aluminum - Male Dust Plug coupling**

TW aluminio -Tapón - acople macho

TW Aluminium-Kupplung m

TW aluminium -Bouchon - accouplement Mâle



DN	∅	Referencia Part n°	€
2"	70.5	ALVB050	10,07
3"	102	ALVB080	19,36
4"	128	ALVB100	40,02

TW



Para el transporte de líquidos, sólidos y gases, excepto gas licuado y vapor.  
For the transport of liquids, solids and gases, except liquefied gas and steam.

**DIN 28450 | EN 14420-6**

Ver ficha técnica | Check technical sheet

● *Inox* | *Stainless Steel*● *Aluminio* | *Aluminium*● *Latón* | *Brass*

## TW DIN 28450 FITTINGS

Acoples TW DIN 28450  
Kupplungen TW DIN 28450  
Raccords TW DIN 28450

### NBR U-seals

NEW

Juntas NBR  
NBR Lippendichtungen  
Joints à lèvres NBR



DN	Referencia Part n°	€
2"	NBRMK050	3,57
3"	NBRMK080	4,19

### FPM U-seals

NEW

Juntas labiales FPM  
FPM Lippendichtungen  
Joints à lèvres FPM



DN	Referencia Part n°	€
2"	FPMMK050	28,08
3"	FPMMK080	42,95

### NBR Flat seals

NEW

Juntas planas roscada NBR  
NBR Flachdichtungen  
Joints plats NBR

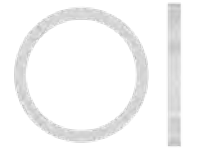


DN	Referencia Part n°	€
2"	NBRTWR050	1,34
3"	NBRTWR080	1,82
4"	NBRTWR100	2,85

### PTFE Flat seals

NEW

Juntas planas roscada PTFE  
PTFE Flachdichtungen  
Joints plats PTFE



DN	Referencia Part n°	€
2"	PTFEEWR050	2,66
3"	PTFEEWR080	3,92
4"	PTFEEWR100	7,38

### Flat seals CSM

NEW

Juntas planas CSM  
Lippendichtungen CSM  
Joints plats CSM



DN	Referencia Part n°	€
2"	CSMMB050	3,73
3"	CSMMB080	5,78

### ORING NBR

NEW

Juntas toricas NBR  
ORING NBR  
ORING NBR



DN	Referencia Part n°	€
4"	NBRTWO100	6,14

### ORING FPM

NEW

Juntas toricas FPM  
ORING FPM  
ORING FPM



DN	Referencia Part n°	€
4"	FPMTWO100	49,59

**BARCELONA UNE 23400 FITTINGS**

Acople BARCELONA UNE 23400  
Kupplungen BARCELONA UNE 23400  
Raccords BARCELONA UNE 23400

**BARCELONA aluminium- Female thread BSP**

BARCELONA aluminio -Rosca hembra BSP

BSP-Kupplung BARCELONA w

BARCELONA aluminium- Filetage femelle BSP



ROSCA THREAD	TAMAÑO SIZE	Referencia Part n°	€
1"	25	ALBA0102516	13,74
1" 1/2	45	ALBA0104524	21,51
2" 1/2	70	ALBA0107040	41,71

**BARCELONA aluminium- Reducer**

BARCELONA aluminio -Reductor

Reduzierstück BARCELONA Aluminium

BARCELONA aluminium- Reducteur



TAMAÑO SIZE	Referencia Part n°	€
70-45	ALBA03070045	87,27
45-25	ALBA03045025	46,11

**BARCELONA aluminium- For hose**

BARCELONA aluminio -Para manguera

Schlauchstutzen BARCELONA Aluminium

BARCELONA aluminium- Pour tuyau



TAMAÑO SIZE	Referencia Part n°	€
25	ALBA05025025	21,75
45	ALBA05045045	35,82
70	ALBA05070070	61,50

**BARCELONA aluminium- Male thread BSP**

BARCELONA aluminio -Rosca macho BSP

BSP-Kupplung BARCELONA Aluminium m

BARCELONA aluminium- Filetage mâle BSP



ROSCA THREAD	TAMAÑO SIZE	Referencia Part n°	€
1"	25	ALBA0202516	12,86
1" 1/2	45	ALBA0204524	23,96
2" 1/2	70	ALBA0207040	51,15

**BARCELONA aluminium- Dust Cap**

BARCELONA aluminio -Tapón

Verschluss BARCELONA Aluminium

BARCELONA aluminium- Bouchon



TAMAÑO SIZE	Referencia Part n°	€
25	ALBA04025	12,98
45	ALBA04045	16,21
70	ALBA04070	30,39

**NBR BARCELONA seals**

Juntas NBR BARCELONA

NBR BARCELONA Dichtungen

Joints NBR BARCELONA



TAMAÑO SIZE	Referencia Part n°	€
25	NBRBA025	0,72
45	NBRBA045	1,08
70	NBRBA070	1,84

**BARCELONA**

● *Aluminio | Aluminium*



Para aplicaciones de incendios  
*For firefighting use*

**UNE 23400**

Ver ficha técnica | Check technical sheet





# STORZ DIN 1430 FITTINGS

Acoples STORZ DIN 1430  
Kupplungen STORZ DIN 1430  
Raccords STORZ DIN 1430

## STORZ aluminium- Female thread BSP

STORZ aluminio- Rosca hembra BSP

STORZ Aluminium - BSP-Kupplung w

STORZ aluminium- Filetage femelle BSP



DN	ROSCA THREAD	Referencia Part n°	€
25	1"	ALST01025D16	21,72
38	1"1/2	ALST0103824	23,01
52	2"	ALST01052C32	20,52
65	2"1/2	ALST0106540	45,02
75	3"	ALST01075B48	39,29
110	4"	ALST01110A64	89,40

## STORZ aluminium- Reducer

STORZ aluminio- Reductor

STORZ Aluminium - Reduzierstück

STORZ aluminium- Reducteur



DN	Referencia Part n°	€
25-52	ALST03052C025D	59,10
52-75	ALST03075B052C	79,50
65-110	ALST03110A065	178,56
75-110	ALST03110A075B	156,28

## STORZ aluminium- For hose

STORZ aluminio- Para manguera

STORZ Aluminium - Schlauchstutzen

STORZ aluminium- Pour tuyau



DN	Referencia Part n°	€
25	ALST05025D	15,74
38	ALST05038038	25,81
52	ALST05052C052	23,92
65	ALST05065065	44,85
75	ALST05075B075	43,61
100	ALST05110A100	91,63

## STORZ aluminium- Male thread BSP

STORZ aluminio- Rosca macho BSP

STORZ Aluminium - BSP-Kupplung m

STORZ aluminium- Filetage mâle BSP



DN	ROSCA THREAD	Referencia Part n°	€
25	1"	ALST02025D16	25,02
38	1"1/2	ALST0203820	32,58
52	2"	ALST02052C32	22,19
65	2"1/2	ALST0206540	43,91
75	3"	ALST02075B48	43,60
110	4"	ALST02110A64	89,00

## STORZ aluminium- Cap

STORZ aluminio- Tapón

STORZ Aluminium - Blindkupplung

STORZ aluminium- Bouchon



DN	Referencia Part n°	€
25	ALST04025D	22,43
38	ALST04038	34,31
52	ALST04052C	25,81
65	ALST04065	43,04
75	ALST04075B	40,05
100	ALST04110A	87,58

## STORZ - NBR Seals

Juntas NBR STORZ

STORZ - NBR Dichtungen

Joints STORZ - NBR



DN	Referencia Part n°	€
38	NBRST038	0,64
52	NBRST052C	0,81
65	NBRST065	1,38
75	NBRST075B	1,84
100	NBRST110A	5,05
25	NBRST025D	0,46

# STORZ

● *Aluminio | Aluminium*



Para aplicaciones de incendios, agricultura...  
*For firefighting, agriculture and delivery use*

**DIN 1430**

Ver ficha técnica | Check technical sheet



**EA DIN 3489 FITTINGS**

Acoples EA DIN 3489  
Kupplungen EA DIN 3489  
Raccords EA DIN 3489

**EA steel- Female thread BSP**

EA acero- Rosca hembra BSP

EA Stahl - BSP-Kupplung w

EA acier- Filetage femelle BSP



ROSCA THREAD	Referencia Part n°	€
1/2"	EA0108	5,56
3/4"	EA0112	5,84
1"	EA0116	6,17

**EA steel- Male thread BSP**

EA acero- Rosca macho BSP

EA Stahl - BSP-Kupplung m

EA acier- Filetage mâle BSP



ROSCA THREAD	Referencia Part n°	€
1/2"	EA0208	5,85
3/4"	EA0212	6,02
1"	EA0216	7,53

**EA steel- Cap**

EA acero- Tapón

EA Stahl - Blindkupplung

EA acier- Bouchon



DESCRIPCION DESCRIPTION	Referencia Part n°	€
CAP	EA04	5,48

**EA steel- For hose**

EA acero- Para manguera c/collar

EA Stahl - Schlauchstutzen

EA acier- Pour tuyau avec collier



DN	Referencia Part n°	€
13	EA0513	6,99
16	EA0516	6,36
19	EA0519	6,31
25	EA0525	7,95

**EA NBR seals**

Juntas NBR EA

EA NBR Dichtungen

Joints NBR EA



TAMAÑO SIZE	Referencia Part n°	€
ALL	NBREA	0,51

# Air European (EA)

● Acero Carbono | Carbon Steel



Para aplicaciones de agua y aire comprimido  
For water and compressed air applications

**DIN 3489**

Ver ficha técnica | Check technical sheet



# UA CHICAGO FITTINGS

Acoples UA CHICAGO  
Kupplungen UA CHICAGO  
Raccords UA CHICAGO

## UA CHICAGO steel- Female thread NPT

UA CHICAGO acero- Rosca hembra NPT

UA CHICAGO Stahl - NPT-Kupplung w

UA CHICAGO acier- Filetage femelle NPT



ROSCA THREAD	Referencia Part n°	€
1/4" NPT	UA0104	5,43
3/8" NPT	UA0106	5,43
1/2" NPT	UA0108	5,66
3/4" NPT	UA0112	5,98
1" NPT	UA0116	7,16
1" 1/4 NPT	UA0120	22,03
1" 1/2 NPT	UA0124	23,29
2" NPT	UA0132	23,84

## UA CHICAGO steel- Male thread NPT

UA CHICAGO acero- Rosca macho NPT

UA CHICAGO Stahl - NPT-Kupplung m

UA CHICAGO acier- Filetage mâle NPT



ROSCA THREAD	Referencia Part n°	€
1/4" NPT	UA0204	5,59
3/8" NPT	UA0206	5,59
1/2" NPT	UA0208	5,82
3/4" NPT	UA0212	6,38
1" NPT	UA0216	7,63
1 1/4" NPT	UA0220	28,96
1 1/2" NPT	UA0224	30,85
2" NPT	UA0232	32,18

## UA CHICAGO steel- Cap

UA CHICAGO acero- Tapón

UA CHICAGO Stahl - Blindkupplung

UA CHICAGO acier- Bouchon



DESCRIPCION DESCRIPTION	Referencia Part n°	€
CAP	UA0402	6,85

## UA CHICAGO steel- For hose

UA CHICAGO acero- Para manguera c/collar

UA CHICAGO Stahl - Schlauchstutzen

UA CHICAGO acier- Pour tuyau avec collier



DN	Referencia Part n°	€
6	UA0507	7,08
10	UA0510	5,82
13	UA0513	6,30
19	UA0519	6,45
25	UA0525	7,40
32	UA0532	22,90
38	UA0538	24,47
50	UA0550	30,92

## UA CHICAGO NBR seals

NBR JUNTAS UA CHICAGO

UA CHICAGO NBR Dichtungen

Joints NBR UA CHICAGO



TAMAÑO SIZE	Referencia Part n°	€
ALL	NBRUA02	0,55

**EXPRESS NF E-29-573 FITTINGS**

Acoples EXPRESS NF E-29-573  
Kupplungen EXPRESS NF E 29 573  
Raccords EXPRESS NF E-29-573

**EXPRESS brass- Female thread BSP**

EXPRESS latón- Rosca hembra BSP

EXPRESS Messing - BSP-Kupplung w

EXPRESS laiton- Filetage femelle BSP



ROSCA THREAD	Referencia Part n°	€
1/4"	<b>BREX0104</b>	<b>6,61</b>
3/8"	<b>BREX0106</b>	<b>6,61</b>
1/2"	<b>BREX0108</b>	<b>7,36</b>
3/4"	<b>BREX0112</b>	<b>7,55</b>
1"	<b>BREX0116</b>	<b>7,99</b>
1" 1/4	<b>BREX0120</b>	<b>10,86</b>

**EXPRESS brass- Male thread BSP**

EXPRESS latón- Rosca macho BSP

EXPRESS Messing - BSP-Kupplung m

EXPRESS laiton- Filetage mâle BSP



ROSCA THREAD	Referencia Part n°	€
1/4"	<b>BREX0204</b>	<b>6,61</b>
3/8"	<b>BREX0206</b>	<b>7,32</b>
1/2"	<b>BREX0208</b>	<b>6,69</b>
3/4"	<b>BREX0212</b>	<b>7,08</b>
1"	<b>BREX0216</b>	<b>8,62</b>
1" 1/4	<b>BREX0220</b>	<b>12,51</b>

**EXPRESS brass- Cap**

EXPRESS latón- Tapón

EXPRESS Messing - Blindkupplung

EXPRESS laiton- Bouchon



DESCRIPCION DESCRIPTION	Referencia Part n°	€
CAP	<b>BREX04</b>	<b>7,12</b>

**EXPRESS brass- For hose**

EXPRESS latón- Para manguera

EXPRESS Messing - Schlauchstutzen

EXPRESS laiton- Pour tuyau



Ø EXT. Ø OUTER	TAMAÑO SIZE	Referencia Part n°	€
9	7-9	<b>BREX0508</b>	<b>6,77</b>
10	8-10	<b>BREX0510</b>	<b>5,98</b>
12	11-13	<b>BREX0513</b>	<b>6,78</b>
14	13-16	<b>BREX0514</b>	<b>6,89</b>
17	16-18	<b>BREX0517</b>	<b>9,84</b>
20	19-21	<b>BREX0519</b>	<b>7,87</b>
26	25-27	<b>BREX0525</b>	<b>8,94</b>
31	30-32	<b>BREX0532</b>	<b>10,15</b>

**NBR EXPRESS seals**

Juntas NBR EXPRESS

NBR EXPRESS Dichtungen

Joints NBR EXPRESS



TAMAÑO SIZE	Referencia Part n°	€
ALL	<b>NBEX</b>	<b>0,51</b>

**EXPRESS**

● Latón | Brass



Para aplicaciones de agua y aire comprimido  
For water and compressed air applications

**NF E-29573**

Ver ficha técnica | Check technical sheet



# GEKA FITTINGS

Acoples GEKA  
Kupplungen GEKA  
Raccords GEKA

## GEKA brass- Female thread BSP

GEKA latón -Rosca hembra BSP

GEKA Messing - BSP-Kupplung w

GEKA laiton- Filetage femelle BSP



ROSCA THREAD	Referencia Part n°	€
3/8"	BRGE0106	5,59
1/2"	BRGE0108	6,04
3/4"	BRGE0112	5,84
1"	BRGE0116	6,19
1"1/4	BRGE0120	10,24
1"1/2	BRGE0124	9,76

## GEKA brass- Male thread BSP

GEKA latón -Rosca macho BSP

GEKA Messing - BSP-Kupplung m

GEKA laiton- Filetage mâle BSP



ROSCA THREAD	Referencia Part n°	€
3/8"	BRGE0206	5,59
1/2"	BRGE0208	6,02
3/4"	BRGE0212	5,74
1"	BRGE0216	7,32
1"1/4	BRGE0220	7,63
1"1/2	BRGE0224	9,44

## GEKA brass- Plug

GEKA latón -Tapón

GEKA Messing - Blindverschluss

GEKA laiton- Bouchon



DESCRIPCION DESCRIPTION	Referencia Part n°	€
Plug	BRGE04	6,04

## GEKA brass- For hose

GEKA latón -Para manguera

GEKA Messing - Schlauchstutzen

GEKA laiton- Pour tuyau



DN	Referencia Part n°	€
10	BRGE0510	5,51
13	BRGE0513	5,98
16	BRGE0516	5,90
19	BRGE0519	6,78
25	BRGE0525	8,73
32	BRGE0532	9,60
38	BRGE0538	13,31

## NBR GEKA seals

Juntas NBR GEKA

NBR GEKA Dichtungen

Joints NBR GEKA



TAMAÑO SIZE	Referencia Part n°	€
ALL	NBRGE	0,51

# GEKA

● Latón | Brass



Para aplicaciones de agricultura, jardinería, construcción y servicios públicos  
For agricultural, gardening, construction and public service applications

Ver ficha técnica | Check technical sheet



**MORTAR CAMLOCK FITTINGS**

Acoples CAMLOCK MORTERO  
Kupplungen CAMLOCK MÖRTEL  
Raccords MORTIER CAMLOCK

**A Type steel MORTAR CAMLOCK BSP**

CAMLOCK MORTERO acero Tipo A BSP

CAMLOCK MÖRTEL Stahl Tipo A

CAMLOCK MORTIER acier Type A BSP



DN	SERIE	ROSCA THREAD	Referencia Part n°	€
25	22	1"	MT22A2516	22,22
27	22	1"	MT22A2716	21,83
35	22	1" 1/4	MT22A3520	30,30
35	22	1" 1/2	MT22A3524	30,30
50	22	2"	MT22A5032	37,92
35	23.5	1" 1/4	MT23A3520	30,30
35	23.5	1" 1/2	MT23A3524	30,30
50	23.5	2"	MT23A5032	37,92

**C Type steel MORTAR CAMLOCK**

CAMLOCK MORTERO acero Tipo C

CAMLOCK MÖRTEL Stahl Tipo C

CAMLOCK MORTIER acier Type C



DN	SERIE	Referencia Part n°	€
27	22	MT22C2725	49,62
35	22	MT22C3535	59,21
50	22	MT22C5050	80,15
35	23.5	MT23C3535	59,21
50	23.5	MT23C5050	80,15

**D Type steel MORTAR CAMLOCK BSP**

CAMLOCK MORTERO acero Tipo D BSP

CAMLOCK MÖRTEL Stahl Tipo D

CAMLOCK MORTIER acier Type D BSP



DN	SERIE	ROSCA THREAD	Referencia Part n°	€
25	22	1"	MT22D2516	50,49
27	22	1"	MT22D2716	49,62
35	22	1" 1/4	MT22D3520	58,11
35	22	1" 1/2	MT22D3524	58,11
50	22	2"	MT22D5032	79,32
35	23.5	1" 1/4	MT23D3520	58,11
35	23.5	1" 1/2	MT23D3524	58,11
50	23.5	2"	MT23D5032	79,32

**E Type steel MORTAR CAMLOCK**

CAMLOCK MORTERO acero Tipo E

CAMLOCK MÖRTEL Stahl Tipo E

CAMLOCK MORTIER acier Type E



DN	SERIE	Referencia Part n°	€
25	22	MT22E2525	25,25
27	22	MT22E2725	35,01
35	22	MT22E3535	35,90
50	22	MT22E5050	42,96
35	23.5	MT23E3535	25,25
50	23.5	MT23E5050	42,96

**SANDBLAST FITTINGS**

Acoples CHORRO DE ARENA  
SANDSTRAHL-Kupplungen  
Raccords SABLAGE

**SANDBLAST aluminum -for hose**

CHORRO DE ARENA aluminio acople - para manguera

SANDSTRAHL-Schlauchstutzen - Aluminium

SABLAGE aluminium -pour le tuyau



DN	Referencia Part n°	€
19	ALCH0519	13,77
25	ALCH0525	13,77
32	ALCH0532	20,46
38	ALCH0538	29,20

**SANDBLAST aluminum -Female thread BSP**

CHORRO DE ARENA aluminio acople - rosca hembra BSP

SANDSTRAHL-Kupplung BSP w - Aluminium

SABLAGE aluminium -Filetage femelle BSP



ROSCA THREAD	Referencia Part n°	€
1" 1/4	ALCH0120	14,24
1" 1/2	ALCH0124	14,24

**SANDBLAST aluminum -for hose-Female thread BSP**

CHORRO DE ARENA aluminio para manguera -  
rosca hembra BSP

SANDSTRAHL-Mundstück BSP w - Aluminium

SABLAGE aluminium -Filetage femelle BSP pour  
tuyau



DN	ROSCA THREAD	Referencia Part n°	€
19	1" 1/4	ALCH071219	7,87
25	1" 1/4	ALCH071625	11,80
32	1" 1/4	ALCH072032	16,21
38	1" 1/4	ALCH072438	22,58

**SANDBLAST brass -for hose**

CHORRO DE ARENA latón acople - para manguera

SANDSTRAHL-Schlauchstutzen - Messing

SABLAGE laiton -pour le tuyau



DN	Referencia Part n°	€
19	BRCH0519*	57,98
25	BRCH0525	61,54
32	BRCH0532	93,64
38	BRCH0538	145,58

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu' à la fin du stock

**SANDBLAST brass -Female thread BSP**

CHORRO DE ARENA latón acople - rosca hembra BSP

SANDSTRAHL-Kupplung BSP w - Messing

SABLAGE laiton -Filetage femelle BSP



ROSCA THREAD	Referencia Part n°	€
1" 1/4	BRCH0120	63,03
1" 1/2	BRCH0124	63,03

**SANDBLAST brass -for hose-Female thread BSP**

CHORRO DE ARENA latón para manguera - rosca hembra BSP

SANDSTRAHL-Mundstück BSP w - Messing

SABLAGE laiton -Filetage femelle BSP pour tuyau



DN	ROSCA THREAD	Referencia Part n°	€
19	1" 1/4	BRCH071219	47,76
25	1" 1/4	BRCH071625	67,91
32	1" 1/4	BRCH072032	89,79
38	1" 1/4	BRCH072438	121,66

# CHORRO DE ARENA

## SAND BLAST

● Aluminio | Aluminium

● Latón | Brass



Para aplicaciones de chorro de arena y gunitados  
For sandblasting and build-up applications

Ver ficha técnica | Check technical sheet



**SANDBLAST FITTINGS**

Acoples CHORRO DE ARENA

SANDSTRAHL-Kupplungen

Raccords SABLAGE

**SANDBLAST nylon for hose**

CHORRO DE ARENA nylon acople - para manguera

SANDSTRAHL- Schlauchstutzen - nylon

SABLAGE nylon pour le tuyau



DN	Referencia Part n°	€
19	NYCH0519	23,07
25	NYCH0525	23,07
32	NYCH0532	23,07
38	NYCH0538	23,07

**SANDBLAST nylon female thread BSP**

CHORRO DE ARENA nylon acople - rosca hembra BSP

SANDSTRAHL-Kupplung BSP w - nylon

SABLAGE nylon filetage femelle BSP



ROSCA THREAD	Referencia Part n°	€
1" 1/4	NYCH0120	20,89
1" 1/2	NYCH0124	20,89

**SANDBLAST nylon for hose female thread BSP**

CHORRO DE ARENA nylon para manguera - rosca hembra BSP

SANDSTRAHL-Mundstück BSP w - nylon

SABLAGE nylon filetage femelle BSP pour tuyau



DN	ROSCA THREAD	Ø INT. Ø INNER	Referencia Part n°	€
25	1" 1/4	38.75	NYCH071625	24,10
32	1" 1/4	50.20	NYCH072032	24,07
38	1" 1/4	55.60	NYCH072438	21,76

**SANDBLAST NBR Seals**

Juntas NBR CHORRO DE ARENA

SANDSTRAHL - NBR Dichtungen

SABLAGE Joints NBR



TAMAÑO SIZE	Referencia Part n°	€
ALL	NBRCH	0,90



## BAUER FITTINGS

Acoples BAUER  
Kupplungen BAUER  
Raccords BAUER

### BAUER carbon steel female

BAUER acero hembra

BAUER Karbonstahl Dichtkopf

BAUER acier femelle



DN	Ø ROTULA Ø BALL	Referencia Part n°	€
2"	50	BEF050	14,20
3"	76	BEF076	17,74
4"	108	BEF108	39,41

### BAUER carbon steel male

BAUER acero macho

BAUER Karbonstahl Stecker

BAUER acier mâle



DN	Ø ROTULA Ø BALL	Referencia Part n°	€
2"	50	BEM050	48,20
3"	76	BEM076	67,74
4"	108	BEM108	115,86

### NBR BAUER seals

Juntas NBR BAUER

NBR BAUER Dichtungen

Joints NBR BAUER



DN	Referencia Part n°	€
2"	NBRBE050	3,23
3"	NBRBE076	6,70
4"	NBRBE108	11,62

**PERROT FITTINGS**Acoples PERROT  
Kupplungen PERROT  
Raccords PERROT**PERROT carbon steel female**

PERROT acero hembra

PERROT Karbonstahl Dichtkopf

PERROT acier femelle



DN	Ø OUTER Ø EXT.	Referencia Part n°	€
2"	52.3	PEF050	62,17
3"	77.4	PEF089	97,65
4"	102.4	PEF108	152,66

**PERROT carbon steel male**

PERROT acero macho

PERROT Karbonstahl Stecker

PERROT acier mâle



DN	Ø OUTER Ø EXT.	Referencia Part n°	€
2"	52.3	PEM050	22,82
3"	77.4	PEM089	37,85
4"	102.4	PEM108	86,16

**NBR PERROT seals**

Juntas NBR PERROT

NBR PERROT Dichtungen

Joints NBR PERROT



DN	Referencia Part n°	€
2"	NBRPE050	4,41
3"	NBRPE089	4,41
4"	NBRPE108	7,87

## STEAM FITTINGS BOSS TYPE

Acoples vapor tipo BOSS  
Dampf-Kupplungen Typ BOSS  
Raccords vapeur type BOSS

### BOSS carbon steel kit BSP

BOSS acero kit BSP

BOSS Karbonstahl-Set BSP

BOSS acier kit BSP



DN	ROSCA THREAD	Referencia Part n°	€
1/2"	1/2" BSP	B00813	31,79
3/4"	3/4" BSP	B01219	39,58
1"	1" BSP	B01625	40,37
1"1/4	1" 1/4 BSP	B02032	71,53
1"1/2	1"1/2 BSP	B02438	73,50
2"	2" BSP	B03251	97,05



**CONEXIÓN STD**  
+  
**CASQUILLO STD**  
+  
**MANGUERA**  
**INDUG TrΔle®**

**STD FITTINGS**  
+  
**STD FERRULES**  
+  
**HOSES**  
**INDUG TrΔle®**



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**STEAM EN 14423 FITTINGS**

Acoples vapor EN 14423  
Kupplungen EN 14423  
Raccords vapeur EN 14423

**EN 14423 clamp steel**

Abrazadera EN 14423 acero

Schelle EN 14423 stahl

Collier EN 14423 acier



DN	Ø INT. Ø INNER	Referencia Part n°	€
13X6	24-26	AB06024026	21,55
19X7	32-34	AB06032034	28,71
25X7.5	39-41	AB06039041	46,87
32X8	47-50	AB06047050	58,92
38X8	53-56	AB06053056	78,78
50X9	67-69	AB06067069	92,80

**Female-hose tail EN 14423 steel**

Hembra Espiga EN 14423 acero

Muffe Stutzen EN 14423 stahl

Femelle à douille EN 14423 acier



DN	ROSCA THREAD	Referencia Part n°	€
13	1/2" BSP	STE0208	11,67
19	3/4" BSP	STE0212	16,66
25	1" BSP	STE0216	25,22
32	1" 1/4 BSP	STE0220	36,33
38	1" 1/2 BSP	STE0224	47,45
50	2" BSP	STE0232	74,26

**Male-hose tail EN 14423 steel**

Macho Espiga EN 14423 acero

Stecker Stutzen EN 14423 stahl

Mâle à douille EN 14423 acier



DN	ROSCA THREAD	Referencia Part n°	€
13	1/2" BSPT	STE0108	7,44
19	3/4" BSPT	STE0112	10,54
25	1" BSPT	STE0116	15,91
32	1" 1/4 BSPT	STE0120	27,58
38	1" 1/2 BSPT	STE0124	34,64
50	2" BSPT	STE0132	56,10

# VAPOR BOSS

## STEAM BOSS

● Acero Carbono | Carbon Steel



Adecuado para las conexiones de manguera de vapor, y también ampliamente utilizado para aire comprimido, agua, gas petróleo licuado y fluidos químicos, etc.

*Suitable for steam hose connections, and widely used for compressed air, water, liquid petroleum gas, chemical fluids, etc.*

Ver ficha técnica | Check technical sheet



# INDUSTRIAL ACCESSORIES

Accesorios industriales

Industriezubehör

Accessoires industriels

## Crimping Ferrule 45° closure (aluminium)

Campana aluminio para racor industrial - cierre 45°

Presshülse Aluminium 45°

Jupe aluminium pour raccord industriel -fermeture 45°



Ø INT. Ø INNER	Referencia Part n°	€
11	ALCA011000	0,30
12.9	ALCA012900	0,30
13.4	ALCA013400	0,32
14.5	ALCA014500	0,34
15.5	ALCA015500	0,40
17.5	ALCA017500	0,41
18.5	ALCA018500	0,45
20.5	ALCA020500	0,53
21.5	ALCA021500	0,58
24.5	ALCA024500	0,68
26.5	ALCA026500	0,84
27.5	<b>NEW</b> ALCA027500*	0,99
28.5	ALCA028500	1,03
30	ALCA030000	1,25
33	ALCA033000	1,52
36	ALCA036000	1,71
39	ALCA039000	2,17
46	ALCA046000	2,53
43	ALCA043000	2,60
48	ALCA048000	3,03
50	ALCA050000	5,43
54	ALCA054000	5,27
56.5	ALCA056500	8,87
63	ALCA063000	5,93
67	ALCA067000	13,30
84	ALCA083000	16,45
98	ALCA099000	18,41
123	ALCA121000	23,14

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

## Clamp EN 14420-3 aluminium

Abrazadera EN 14420-3 aluminio

Schelle EN 14420-3 Aluminium

Collier EN 14420-3 aluminium



Ø MANGUERA Ø HOSE	Ø INT. Ø INNER	Referencia Part n°	€
13x5	21-25 mm	ALAB01021025	13,17
19X6	29-33 mm	ALAB01029033	13,62
25x5	34-37 mm	ALAB01034037	15,02
25x6	36-39 mm	ALAB01036039	15,02
32X5	41-44 mm	ALAB01041044	16,35
32x6	42-46 mm	ALAB01042046	15,79
32x8/35x6	46-50 mm	ALAB01046050	16,27
38X5	47-51 mm	ALAB01047051	16,80
38X6.5	49-53 mm	ALAB01049053	17,81
38x8	52-56 mm	ALAB01052056	16,80
38x10	56-60 mm	ALAB01056060	16,80
50X5.5	62-64 mm	ALAB01060064	25,43
50x8	63-67 mm	ALAB01063067	24,99
50X10	68-72 mm	ALAB01068072	27,08
63x6	74-77 mm	ALAB01074077	33,88
63X8	77-81 mm	ALAB01077081	37,27
65x10	84-87 mm	ALAB01084087	47,74
75x6	87-90 mm	ALAB01087090	40,67
75x8	89-94 mm	ALAB01089094	43,31
75X10	94-98 mm	ALAB01094098	44,89
100x8	114-119 mm	ALAB01114119	84,74

## Clamp EXPRESS steel

Abrazadera EXPRESS acero

Schelle EXPRESS Stahl

Collier EXPRESS acier



Ø INT. Ø INNER	Referencia Part n°	€
19-21 mm	AB031921	1,47
22-24 mm	AB032224	1,57
25-27 mm	AB032527	1,68
28-30 mm	AB032830	2,03
31-33 mm	AB033133	2,44
34-36 mm	AB033436	4,17
37-39 mm	AB033739	5,27

## Clamp BOSS type steel

Abrazadera tipo BOSS acero

Schelle Typ BOSS Stahl

Collier type BOSS acier



Ø INT. Ø INNER	N° TORNILLOS N° BOLTS	Referencia Part n°	€
24-27 mm	2	AB05024027	5,04
30-33 mm	2	AB05030033	9,44
38-43 mm	2	AB05038043	19,28
38-43 mm	4	AB05438043	24,00
43-49 mm	4	AB05043049	21,09
54-60 mm	4	AB05054060	28,01
63-71 mm	4	AB05063071	34,70

## Clamp DIN 20039 A steel

Abrazadera DIN 20039 A acero

Schelle DIN 20039 A Stahl

Collier DIN 20039 A acier



Ø INT. Ø INNER	Referencia Part n°	€
22-29 mm	AB04022029	6,30
28-34 mm	AB04028034	6,61
32-40 mm	AB04032040	7,24

**INDUSTRIAL ACCESSORIES**

Accesorios industriales

Industriezubehör

Accessoires industriels

**Clamp high pressure W1 steel**

Abrazadera alta presión W1 acero

Schelle Hochdruck W1 Stahl

Collier haute pression W1 acier



Ø INT. Ø INNER	Referencia Part n°	€
17-19mm	AB02017019	1,14
20-22mm	AB02020022	1,17
23-25mm	AB02023025	1,17
26-28mm	AB02026028	1,20
29-31mm	AB02029031	1,26
32-35mm	AB02032035	1,29
36-39mm	AB02036039	1,30
40-43mm	AB02040043	1,33
44-47mm	AB02044047	1,59
48-51mm	AB02048051	1,61
52-55mm	AB02052055	1,64
56-59mm	AB02056059	1,68
60-63mm	AB02060063	1,70
64-67mm	AB02064067	1,79
68-73mm	AB02068073	2,33
74-79mm	AB02074079	2,39
80-85mm	AB02080085	2,47
86-91mm	AB02086091	2,55
92-97mm	AB02092097	2,60
98-103mm	AB02098103	2,67
104-112mm	AB02104112	2,74
113-121mm	AB02113121	2,85
122-130mm	AB02122130	2,85
131-139mm	AB02131139	5,76
140-148mm	AB02140148	4,43
149-161mm	AB02149161	4,41
162-174mm	AB02162174	4,90
175-187mm	AB02175187	5,04
188-200mm	AB02188200	5,68

# CAMPANAS Y ABRAZADERAS

FERRULES AND CLAMPS

Soluciones perfectas para asegurar la conexión

Perfect solutions to ensure the connection

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ALTA PRESIÓN W1



TIPO BOSS

DIN 2817  
EN14420-3

DIN 20039 A



TIPO EXPRESS

● Acero Carbono | Carbon Steel

● Inox | Stainless Steel

● Aluminio | Aluminium

● Latón | Brass



Química EPDM/ Chemical EPDM

Química UPE/ Chemical UPE

Soldadura Acetileno / Welding hose acetylene

Soldadura Oxígeno/ Welding oxygene

Limpieza Vapor / Steam cleaning

Alimentaria Polivalente /Multi- function food

Limpieza Industria Alimentaria/ Food industry cleaning

Transporte de Lácteos/ Dairy Transport

Polivalente multiservicio/ Multi-function

Impulsión de Hidrocarburos/ Hydrocarbons delivery

Impulsión de Mortero / Mortar delivery

Chorro de Abrasivos/ Sandblast

Aspiración Abrasiva /Abrasive suction

Aspiración Agua/ Water suction

Bebidas FDA/ FDA Beverage

Hidrocarburos/ Hydrocarbons

**INDUG TrAle®**

**DICSA**

**GROWING UP TOGETHER**



Camlock

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Storz

Barcelona

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Mortero Camlock

**INDUSTRIAL  
FITTINGS**

Express

EA

Chorro Arena/ Sandblast

Vapor Boss/ Steam Boss

Abrazaderas /Clamps

Perrot / Bauer

Campanas/ Ferrules



**STAINLESS STEEL HOSE ISO 10380** **184**

Manguera Inox ISO 10380  
Metallschlauch Edelstahl ISO 10380  
Tuyau Inox ISO 10380

**WELDING FITTINGS** **186**

Racores soldables  
Edelstahl-Schläuche  
Raccords à souder

**WELDING FLANGES** **192**

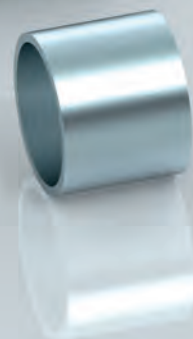
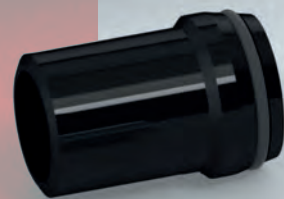
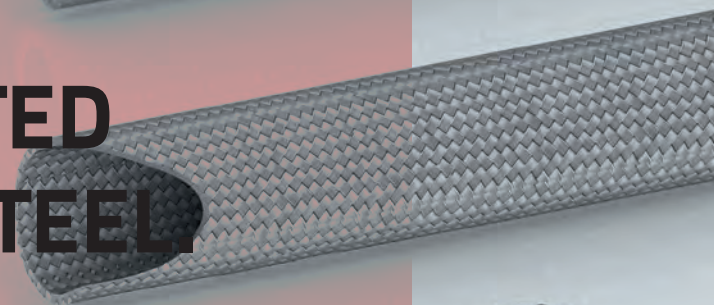
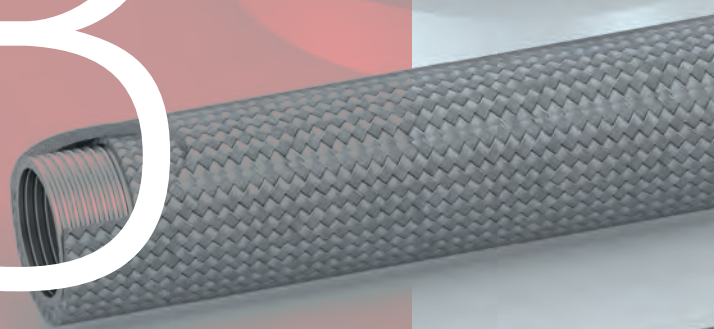
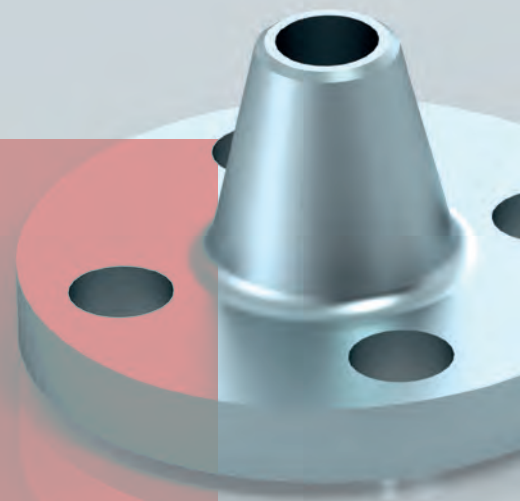
Bridas soldables  
Schweißarmaturen und -flansche  
Brides à souder



# 03

## CONVOLUTED STAINLESS STEEL

Inox Corrugado  
Metallwellschlauch  
Inox onduleux



**STAINLESS STEEL HOSE ISO 10380**

Manguera Inox ISO 10380  
Metallschlauch Edelstahl ISO 10380  
Tuyau Inox ISO 10380

Convolute stainless steel hoses and AISI 304 Braid ▪ Mangueras Inox Corrugado y Malla Inox ▪ Metallwellschlauch Edelstahl und Umfl. AISI ▪ Tuyaux inox onduleux et Tresse Inox

184



M93211

M93161304

M93161

M93161304..EF

M93162304

M304

M316

## WELDING FITTINGS

Racores soldables  
Edelstahl-Schläuche  
Raccords à souder

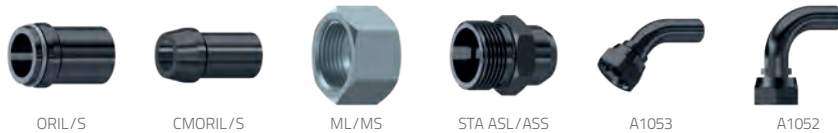
BSP Welding fittings ▪ Racores soldables BSP ▪ Schweißverschr. BSP ▪ Raccords à souder BSP | 186



JIC 37° Welding fittings ▪ Racores soldables JIC 37° ▪ Schweißverschr. JIC 37° ▪ Raccords à souder JIC 37° | 188



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Nipple and nut ▪ Cono y tuerca ▪ Kegel und Mutter ▪ Collet et écrou | 191



Welding fittings >2" ▪ Racores para soldar >2" ▪ Schweißkupplungen >2" ▪ Raccords à souder >2" | 191



**WELDING FLANGES**

Bridas soldables  
Schweißarmaturen und -flansche  
Brides à souder

Fixed Forged flanges ▪ Bridas fijas para soldar ▪ Vorschweißflansche ▪ Brides DIN à souder fixes | 192



BPN162633

BANSAWN150

BPN402635

BANSAWN300

DIN 2642 swivel flanges set ▪ Conjunto brida DIN 2642 ▪ Flanschsatz DIN 2642 ▪ Ensemble brides tournantes  
DIN 2642 | 193



BPN102642

ABARO2642

ABTUB

DIN 2656 swivel flanges set ▪ Conjunto brida DIN 2656 ▪ Flanschsatz DIN 2642 ▪ Ensemble brides tournantes  
DIN 2656 | 194



BPN402656

ABARO2656

ABTUB

ANSI-ASA swivel flanges set ▪ Conjunto brida ANSI-ASA ▪ Flanschsatz ANSI-ASA ▪ Ensemble brides ANSI-ASA | 195



BANSASO150

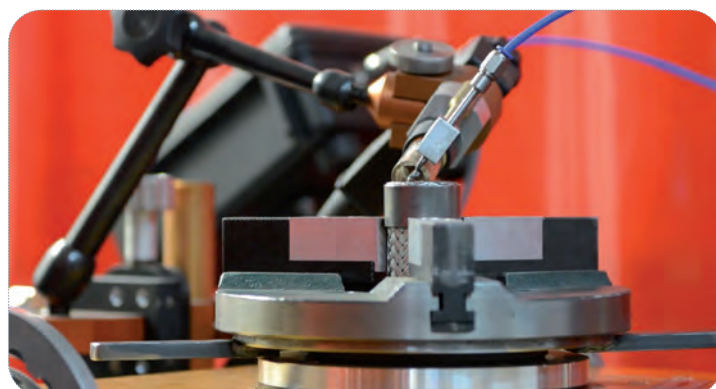
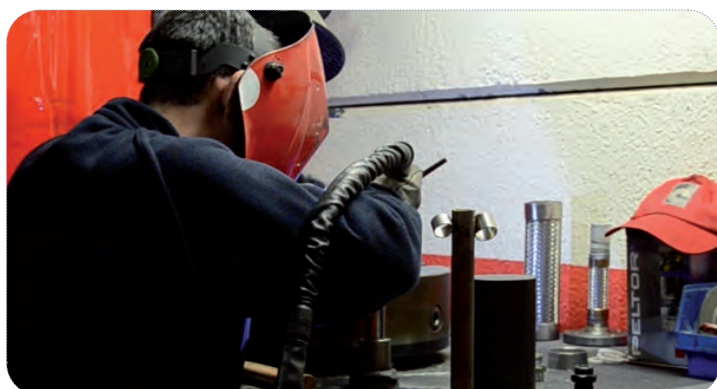
BANSASO300

ABTUB

ABAROANSA

# MANGUERAS ACERO INOXIDABLE *STAINLESS STEEL HOSES*

TALLER DE SOLDADURA  
*WELDING WORKSHOP*



# STAINLESS STEEL HOSE ISO 10380

Manguera Inox ISO 10380  
Metallschlauch Edelstahl ISO 10380  
Tuyau Inox ISO 10380

## Convuluted S.S. AISI 321 hose with one braid S.S. AISI 304

Inox corrugado AISI 321 con una malla AISI 304

Metallwellschlauch AISI 321 mit 1 Umfl. AISI 304

Inox onduleux AISI 321 avec une tresse inox AISI 304



DN	Ø INT. Ø INNER	Referencia Part n°	€
1/4"	6.2	M93211006	9,50
3/8"	10.3	M93211010	11,98
1/2"	12.2	M93211012	12,51
5/8"	16.2	M93211016	20,14
3/4"	20.2	M93211020	25,93
1"	25.4	M93211025	32,60
1" 1/4	34.3	M93211032	39,61
1" 1/2	40.1	M93211040	52,95
2"	50.3	M93211050	72,55
2" 1/2	65.6	M93211065	101,17
3"	80.3	M93211080	112,03
4"	100.8	M93211100	147,18

## Convuluted S.S. AISI 316 hose with one braid S.S. AISI 304

Inox corrugado AISI 316 con una malla AISI 304

Metallwellschlauch AISI 316 mit 1 Umfl. AISI 304

Inox onduleux AISI 316 avec une tresse inox AISI 304



DN	Ø INT. Ø INNER	Referencia Part n°	€
1/4"	6.2	M93161304006	9,59
3/8"	10.3	M93161304010	13,01
1/2"	12.2	M93161304012	13,94
5/8"	16.2	NEW M93161304016	35,05
3/4"	20.2	M93161304020	28,19
1"	25.4	M93161304025	36,02
1" 1/4	34.3	M93161304032	45,05
1" 1/2	40.1	M93161304040	61,38
2"	50.3	M93161304050	82,14
2" 1/2	65.6	M93161304065	116,16
3"	80.3	M93161304080	124,67
4"	100.8	M93161304100	169,78

## Convuluted S.S. AISI 316 hose with one braid S.S. AISI 316

Inox corrugado AISI 316 con una malla AISI 316

Metallwellschlauch AISI 316 mit 1 Umfl. AISI 316

Inox onduleux AISI 316 avec une tresse inox AISI 316



DN	Ø INT. Ø INNER	Referencia Part n°	€
1/4"	6.2	M93161006	10,33
3/8"	10.3	M93161010	14,97
1/2"	12.2	M93161012	16,52
3/4"	20.2	M93161020	34,36
1"	25.4	M93161025	44,92
1" 1/4	34.3	M93161032	57,82
1" 1/2	40.1	M93161040	82,14
2"	50.3	M93161050	110,48
2" 1/2	65.6	M93161065	134,23
3"	80.3	M93161080	143,65
4"	100.8	M93161100	201,35

## Convuluted S.S. AISI 316 hose with one braid S.S. AISI 304 extra flexible

Inox corrugado AISI 316 con una malla AISI 304 extra flexible

Metallwellschlauch AISI 316 mit 1 Umfl. AISI 304 extra flexible

Inox onduleux AISI 316 avec une tresse inox AISI 304 extra flexible



DN	Ø INT. Ø INNER	Referencia Part n°	€
3/4"	20	M93161304020EF	34,56
1"	25	M93161304025EF	44,40
1" 1/4	34.3	M93161304032EF	59,20
1" 1/2	39.8	M93161304040EF	81,57
2"	50	M93161304050EF	108,82

## Convuluted S.S. AISI 316 hose with two braids S.S. AISI 304

Inox corrugado AISI 316 con dos mallas AISI 304

Metallwellschlauch AISI 316 mit 2 Umfl. AISI 304

Inox onduleux AISI 316 avec deux tresses inox AISI 304



DN	Ø INT. Ø INNER	Referencia Part n°	€
1/4"	6.2	M93162304006	10,84
3/8"	10.3	M93162304010	15,70
1/2"	12.2	M93162304012	17,35
3/4"	20.2	M93162304020	36,24
1"	25.4	M93162304025	46,57
1" 1/4	34.3	M93162304032	60,71
1" 1/2	40.1	M93162304040	86,22
2"	50.3	M93162304050	115,28
2" 1/2	65.6	M93162304065	140,94
3"	80.3	M93162304080	150,93
4"	100.8	M93162304100	210,13

## STAINLESS STEEL HOSE ISO 10380

Manguera Inox ISO 10380  
Metallschlauch Edelstahl ISO 10380  
Tuyau Inox ISO 10380

### AISI 304 braid

Malla inox 304

Metallschlauch Edelstahl 304

Tresse inox 304



Ø INT. Ø INNER	Referencia Part n°	€
9,6	M304009.6	3,87
12,3	M304012.3	4,34
14,3	M304014.3	5,68
16,7	M304016.7	6,25
21,6	M304021.6	10,94
26,8	M304026.8	13,22
32,2	M304032.2	15,18
41,1	M304041.1	21,49
49,8	M304049.8	24,18
60,3	M304060.3	37,11
80,8	M304080.8	51,84

### AISI 316 braid

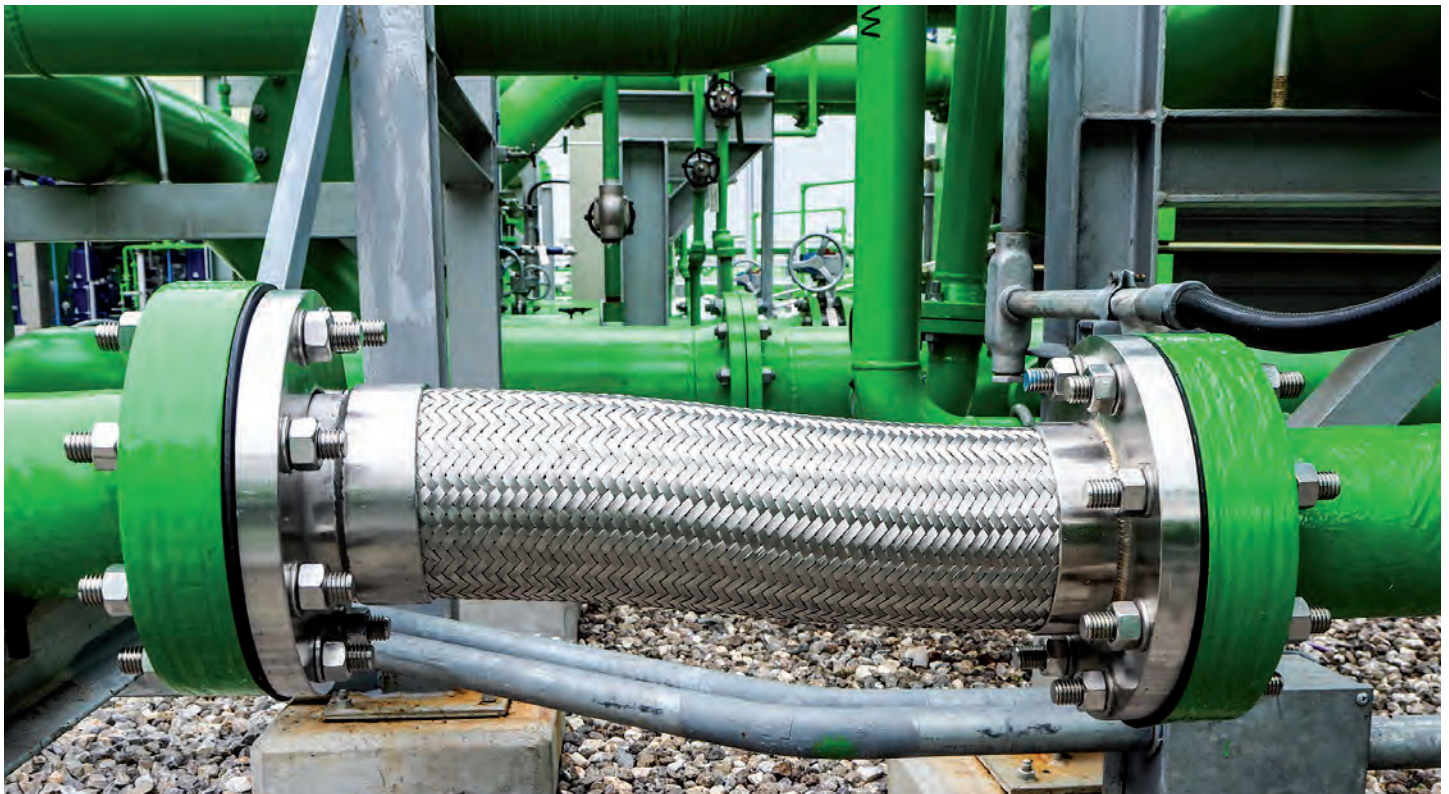
Malla inox 316

Metallschlauch Edelstahl 316

Tresse inox 316



Ø INT. Ø INNER	Referencia Part n°	€
9,6	M316009.6	5,16
12,3	M316012.3	5,59
14,3	M316014.3	7,23
16,7	M316016.7	8,26
21,6	M316021.6	14,46
26,8	M316026.8	17,35
32,2	M316032.2	20,14
41,1	M316041.1	28,77
49,8	M316049.8	35,62
60,3	M316060.3	48,40
80,8	M316080.8	64,53



**Amplia variedad de manguera inoxidable corrugado para instalaciones en el sector químico, centrales eléctricas y plantas petroquímicas.**

**Wide range of convoluted stainless steel hoses for a variety of facilities, such as chemical sector, power plant, oil and gas.**

**WELDING FITTINGS**

Racores soldables  
Edelstahl-Schläuche  
Raccords à souder

**Convolute SS welding ferrule**

Casquillo soldable Inox corrugado

Schweißhülse Wellenschlauch Edelstahl

Jupe à souder Inox convoluté



DN	Ø INT. Ø INNER	Referencia Part n°	€
1/4"	14	810700400	*
1/4"	12	810700401	*
3/8"	19	810700600	*
3/8"	17	810700601	*
1/2"	22	810700800	*
1/2"	19	810700801	*
5/8"	25	810701000	*
3/4"	30	810701200	*
3/4"	32	810701201	*
1"	35	810701500	*
1"	37	810701600	*
1"1/4	47,8	810702000	*
1"1/4	44,3	810702001	*
1"1/2	56,3	810702400	*
2"	66	810703201	*
2"1/2	84,9	810704000	*
2"1/2	95,6	810704001	*
3"	100	810704801	*
4"	125	810706400	*

\*Prices in Stainless Steel Catalogue p.173 / \*Ver precio en catálogo de inox 173 / \*Vergleichen Sie die Preise im Edelstahl-Katalog. S. 173 / \*Prix dans le Catalogue Acier Inox p.173

**Welding fixed male BSP flat seat with guide**

Macho fijo BSP asiento plano - soldable con guía

Schweiß-Außengewinde BSP fest, flachdichtend mit AG

Mâle fixe BSP fond plat à souder avec guide



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	A103304	2,18
3/8"	3/8" BSP	A103306	2,70
1/2"	1/2" BSP	A103308	3,72
3/4"	3/4" BSP	A103312	5,24
1"	1" BSP	A103316	7,21
1"1/4	1"1/4 BSP	A103320	16,58
1"1/2	1"1/2 BSP	A103324	21,56
2"	2" BSP	A103332	33,52

**Welding adaptor BSPT with guide**

Macho cónico BSPT con guía

Schweißadapter m BSPT mit AG

Mamelon hexagonal BSPT conique à souder (bw) + guide



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSPT	A103204	2,62
3/8"	3/8" BSPT	A103206	2,91
1/2"	1/2" BSPT	A103208	4,16
3/4"	3/4" BSPT	A103212	4,51
1"	1" BSPT	A103216	7,80
1"1/4	1"1/4 BSPT	A103220	18,50
1"1/2	1"1/2 BSPT	A103224	20,12
2"	2" BSPT	A103232	25,45
2"1/2	2"1/2 BSPT	A103240	76,68

**Welding adaptor BSP 60° with guide**

Macho BSP cono 60° con guía

Außengewinde BSP kon. 60° mit AG

Mamelon hexagonal BSP à souder (bw) + guide



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	A103504	1,50
3/8"	3/8" BSP	A103506	2,06
1/2"	1/2" BSP	A103508	2,57
3/4"	3/4" BSP	A103512	3,99
1"	1" BSP	A103516	5,76
1"1/4	1"1/4 BSP	A103520	13,80
1"1/2	1"1/2 BSP	A103524	19,11
2"	2" BSP	A103532	36,60

**Welding union BSP male (60°)**

Empalme liso soldable rosca BSP (60°)

Anschweißnippel BSP 60°

Embout mâle lisse à souder gaz cyl BSP (60°)



ROSCA THREAD	Referencia Part n°	€
1/8" BSP	A129002	1,64
1/4" BSP	A129004	0,95
3/8" BSP	A129006	1,20
1/2" BSP	A129008	1,47
3/4" BSP	A129012	2,68
1" BSP	A129016	6,22
1"1/4 BSP	A129020	18,59
1"1/2 BSP	A129024	20,00
2" BSP	A129032	20,16

**Welding fixed male NPT flat seat with guide**

Macho fijo NPT - soldable con guía

Schweiß-Außengewinde NPT mit AG

Mâle fixe NPT à souder avec guide



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" NPT	A103404	1,80
3/8"	3/8" NPT	A103406	2,63
1/2"	1/2" NPT	A103408	2,98
3/4"	3/4" NPT	A103412	5,20
1"	1" NPT	A103416	7,96
1"1/4	1"1/4 NPT	A103420	15,47
1"1/2	1"1/2 NPT	A103424	19,12
2"	2" NPT	A103432	37,80



# WELDING FITTINGS

Racores soldables  
Edelstahl-Schläuche  
Raccords à souder

## Welding BSP swivel female 60° with guide

Hembras giratorias prensada BSP 60° - soldable con guía

Schweiß-Dichtkopf mit Pressmutter BSP 60° mit AG

Femelle tournante BSP 60° à souder avec guide



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	A128104	1,93
3/8"	3/8" BSP	A128106	2,41
1/2"	1/2" BSP	A128108	3,43
3/4"	3/4" BSP	A128112	5,24
1"	1" BSP	A128116	8,36
1" 1/4	1" 1/4 BSP	A128120	14,22
1" 1/2	1" 1/2 BSP	A128124	18,66

## Welding BSP swivel female flat seat

Hembras giratorias prensada BSP asiento plano - soldable con guía

Schweiß-Dichtkopf mit Pressmutter BSP flachdichtend mit AG

Femelle tournante BSP à souder fond plat



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	A128204	2,12
3/8"	3/8" BSP	A128206	2,65
1/2"	1/2" BSP	A128208	4,56
3/4"	3/4" BSP	A128212	6,58
1"	1" BSP	A128216	11,03
1" 1/4	1" 1/4 BSP	A128220	19,94
1" 1/2	1" 1/2 BSP	A128224	29,17
2"	2" BSP	A128232	49,01

## Welding 90° BSP swivel female 60°

Hembras giratorias prensada 90° BSP 60° - soldable

Schweiß-Dichtkopf mit Pressmutter 90° BSP 60°

Femelle tournante 90° à souder



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	A103704	3,04
3/8"	3/8" BSP	A103706	3,86
1/2"	1/2" BSP	A103708	6,39
3/4"	3/4" BSP	A103712	9,45
1"	1" BSP	A103716	15,30
1" 1/4	1" 1/4 BSP	A103720	24,21
1" 1/2	1" 1/2 BSP	A103724	34,84
2"	2" BSP	A103732	40,02

## Welding 90° BSP swivel female 60° flat seat

Hembras giratorias prensada 90° BSP asiento plano - soldable

Schweiß-Dichtkopf mit Pressmutter 90° BSP flachdichtend

Femelle tournante 90° à souder fond plat



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	A103904	3,50
3/8"	3/8" BSP	A103906	4,46
1/2"	1/2" BSP	A103908	6,36
3/4"	3/4" BSP	A103912	12,20
1"	1" BSP	A103916	14,02
1" 1/4	1" 1/4 BSP	A103920	25,23
1" 1/2	1" 1/2 BSP	A103924	37,38
2"	2" BSP	A103932	63,55

## Welding 45° BSP swivel female 60°

Hembras giratorias prensada 45° BSP 60° - soldable

Schweiß-Dichtkopf mit Pressmutter 45° BSP 60°

Femelle tournante 45° à souder



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	A103804	3,08
3/8"	3/8" BSP	A103806	4,05
1/2"	1/2" BSP	A103808	5,78
3/4"	3/4" BSP	A103812	11,09
1"	1" BSP	A103816	14,02
1" 1/4	1" 1/4 BSP	A103820	23,52
1" 1/2	1" 1/2 BSP	A103824	34,84
2"	2" BSP	A103832	59,23

## Welding 45° BSP swivel female 60° flat seat

Hembras giratorias prensada 45° BSP asiento plano - soldable

Schweiß-Dichtkopf mit Pressmutter 45° BSP flachdichtend

Femelle tournante 45° à souder fond plat



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	A104004	3,71
3/8"	3/8" BSP	A104006	5,07
1/2"	1/2" BSP	A104008	6,90
3/4"	3/4" BSP	A104012	12,20
1"	1" BSP	A104016	14,02
1" 1/4	1" 1/4 BSP	A104020	25,23
1" 1/2	1" 1/2 BSP	A104024	37,38
2"	2" BSP	A104032	63,55

## WELDING FITTINGS

Racores soldables  
Edelstahl-Schläuche  
Raccords à souder

### Welding crimped JIC 37° swivel female with guide

Hembra giratoria prensada JIC 37° - soldable con guía

Schweiß-Dichtkopf mit Ü-Mutter JIC 37° mit AG

Embout à sertir femelle tournante JIC37° à souder



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	7/16" 20h UNF	A12830704	1,79
1/4"	1/2" 20h UNF	A12830804	2,31
3/8"	9/16" 18h UNF	A12830906	2,51
3/8"	3/4" 16h UNF	A12831206	3,66
1/2"	3/4" 16h UNF	A12831208	3,66
1/2"	7/8" 14h UNF	A12831408	3,95
3/4"	1" 1/16 12h UNF	A12831712	5,98
1"	1" 5/16 12h UNF	A12832116	10,60
1" 1/4	1" 5/8 12h UNF	A12832620	17,55
1" 1/2	1" 7/8 12h UNF	A12833024	26,51

### Welding 45° JIC 37° swivel female

Hembra giratoria 45° prensada JIC 37° - soldable

Dichtkopf 45° mit Ü-Mutter JIC 37° schweißbar

Femelle tournante 45° JIC 37° à souder



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	7/16" 20h UNF	A10420704	3,50
1/4"	1/2" 20h UNF	A10420804	3,71
3/8"	9/16" 18h UNF	A10420906	4,56
1/2"	3/4" 16h UNF	A10421208	6,47
1/2"	7/8" 14h UNF	A10421408	8,06
3/4"	1" 1/16 12h UNF	A10421712	10,82
1"	1" 5/16 12h UNF	A10422116	17,45
1" 1/4	1" 5/8 12h UNF	A10422620	32,46
1" 1/2	1" 7/8 12h UNF	A10423024	47,73

### Welding 90° JIC 37° swivel female

Hembra giratoria 90° prensada JIC 37° - soldable

Dichtkopf 90° mit Ü-Mutter JIC 37° schweißbar

Femelle tournante 90° JIC 37° à souder



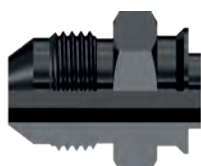
DN	ROSCA THREAD	Referencia Part n°	€
1/4"	7/16" 20h UNF	A10410704	3,18
1/4"	1/2" 20h UNF	A10410804	3,71
3/8"	9/16" 18h UNF	A10410906	4,46
1/2"	3/4" 16h UNF	A10411208	6,36
1/2"	7/8" 14h UNF	A10411408	7,38
3/4"	1" 1/16 12h UNF	A10411712	10,12
1"	1" 5/16 12h UNF	A10412116	16,87
1" 1/4	1" 5/8 12h UNF	A10412620	32,25
1" 1/2	1" 7/8 12h UNF	A10413024	46,14

### Welding JIC 37° male with guide

Macho JIC 37° - soldable con guía

Schweißadapter M JIC 37° mit AG

Mâle JIC 37° à souder avec guide



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	7/16" 20h UNF	A10360704	1,79
1/4"	1/2" 20h UNF	A10360804	2,42
3/8"	9/16" 18h UNF	A10360906	2,15
3/8"	3/4" 16h UNF	A10361206	3,36
1/2"	3/4" 16h UNF	A10361208	3,20
1/2"	7/8" 14h UNF	A10361408	3,67
5/8"	7/8" 14h UNF	A10361410	4,04
3/4"	1" 1/16 12h UNF	A10361712	5,97
1"	1" 5/16 12h UNF	A10362116	12,12
1" 1/4	1" 5/8 12h UNF	A10362620	21,00
1" 1/4	1" 7/8 12h UNF	A10363020	27,26

# WELDING FITTINGS

Racores soldables  
Edelstahl-Schläuche  
Raccords à souder

## Welding nipple

Boquilla para soldar

Schweißkegel (SK)

Collet cône Métrique (DIN 2353) à souder (BW)  
o'ring



TUBO PIPE	SERIE SERIES	Referencia Part n°	€
15X2.5	L	ORIL 15	*
18X2.5	L	ORIL 18	*
22X2.5	L	ORIL 22	*
28X3	L	ORIL 28	*
35X4	L	ORIL 35	*
42X3	L	ORIL 42	*
6X2	L/S	ORIS 6	*
8X2	L/S	ORIS 8	*
8X1.5	L/S	ORIS 8X1.5*	*
10X2	L/S	ORIS 10X2	*
12X2	L/S	ORIS 12	*
12X2.5	L/S	ORIS 12X2.5	*
14X2	L/S	ORIS 14X2*	*
14X3	S	ORIS 14X3	*
16X3	S	ORIS 16X3	*
20X2.5	S	ORIS 20X2.5	*
20X3	S	ORIS 20X3	*
20X4	S	ORIS 20X4	*
25X4	S	ORIS 25X4	*
30x4	S	ORIS 30X4	*
30x5	S	ORIS 30X5	*
38x5	S	ORIS 38X5	*

\*See prices page 238 / \*See prices page 238 / \*Vgl. Sie die Preise auf S. 238 / \*Voir les prix page 238

## Nuts DIN 3870

Tuerca Métrica DIN 3870

Metr. Mutter DIN 3870

Écrou Métrique DIN 3870



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
4	LL	M8x1	MLL 4 M 8X1	*
6	LL	M10x1	MLL 6 M 10X1	*
8	LL	M12x1	MLL 8 M 12X1	*
6	L	M12x1,5	ML 6 M 12X1,5	*
8	L	M14x1,5	ML 8 M 14X1,5	*
10	L	M16x1,5	ML 10 M 16X1,5	*
12	L	M18x1,5	ML 12 M 18X1,5	*
15	L	M22x1,5	ML 15 M 22X1,5	*
18	L	M26x1,5	ML 18 M 26X1,5	*
22	L	M30x2	ML 22 M 30X2	*
28	L	M36x2	ML 28 M 36X2	*
35	L	M45x2	ML 35 M 45X2	*
42	L	M52x2	ML 42 M 52X2	*
6	S	M14x1,5	MS 6 M 14X1,5	*
8	S	M16x1,5	MS 8 M 16X1,5	*
10	S	M18x1,5	MS 10 M 18X1,5	*
12	S	M20x1,5	MS 12 M 20X1,5	*
14	S	M22x1,5	MS 14 M 22X1,5	*
16	S	M24x1,5	MS 16 M 24X1,5	*
20	S	M30x2	MS 20 M 30X2	*
25	S	M36x2	MS 25 M 36X2	*
30	S	M42x2	MS 30 M 42X2	*
38	S	M52x2	MS 38 M 52X2	*

\*See prices page 226 / \*Ver precios en página 226 / \*Vgl. Sie die Preise auf S. 226 / \*Voir les prix page 226

## Metal cone welding nipple

Boquilla para soldar cono metal

Metall-Kegelschweißnippel

Collet cône Métrique conique en métal



TUBO PIPE	SERIE	Referencia Part n°	€
15x2.5	L	CMORIL 15	4,72
18x.2,5	L	CMORIL 18	5,45
22x2,5	L	CMORIL 22	5,77
28x3	L	CMORIL 28	7,24
35x4	L	CMORIL 35	8,62
42x3	L	CMORIL 42	6,82
6x2	L/S	CMORIS 6	1,37
8x2	L/S	CMORIS 8	1,48
10x2	L/S	CMORIS 10	1,73
12x2	L/S	CMORIS 12	1,75
14x3	S	CMORIS 14	13,64
16x3	S	CMORIS 16	2,80
20x3	S	CMORIS 20	9,23
25x4	S	CMORIS 25	4,88
30x5	S	CMORIS 30	6,86
38x5	S	CMORIS 38	11,31

## Metric weldable straight couplings

Racor recto para soldar

Gerade Anschweiß-Verschr. (GAV)

Raccord droit à souder



TUBO PIPE	SERIE	Referencia Part n°	€
6	L	STA ASL 6	*
8	L	STA ASL 8	*
10	L	STA ASL 10	*
12	L	STA ASL 12	*
15	L	STA ASL 15	*
18	L	STA ASL 18	*
22	L	STA ASL 22	*
28	L	STA ASL 28	*
35	L	STA ASL 35	*
42	L	STA ASL 42	*
6	S	STA ASS 6	*
8	S	STA ASS 8	*
10	S	STA ASS 10	*
12	S	STA ASS 12	*
14	S	STA ASS 14	*
16	S	STA ASS 16	*
20	S	STA ASS 20	*
25	S	STA ASS 25	*
30	S	STA ASS 30	*
38	S	STA ASS 38	*

\*See prices page 238 / \*Ver precios en página 238 / \*Vgl. Sie die Preise auf S. 238 / \*Voir les prix page 238

**WELDING FITTINGS**

Racores soldables  
Edelstahl-Schläuche  
Raccords à souder

**Metric weldable swivel female 45°**

Hembra giratoria 45 prensada métrica - soldable

Dichtkopf Ü-Mutter 45° metr. 24° schweißbar

Femelle tournante 45° métrique à souder



TUBO PIPE	ROSCA THREAD	SERIE SERIES	Referencia Part n°	€
6	12X1,5	L	A10531206	5,30
8	14x1,5	L	A10531408	3,17
10	16X1,5	L	A10531610	3,92
12	18X1,5	L	A10531812	3,95
15	22X1,5	L	A10532215	5,69
18	26X1,5	L	A10532618	8,61
22	30X2	L	A10533022	12,05
28	36X2	L	A10533628	22,28
35	45X2	L	A10534535	34,26
42	52X2	L	A10535242	56,43
6	14x1,5	S	A10531406	5,30
8	16X1,5	S	A10531608	4,03
10	18X1,5	S	A10531810	4,24
12	20X1,5	S	A10532012	5,30
14	22X1,5	S	A10532214	6,15
16	24x1,5	s	A10532416	6,75
20	30X2	S	A10533020	12,91
25	36X2	S	A10533625	18,56
30	42X2	S	A10534230	29,17
38	52X2	S	A10535238	46,67

**Metric weldable swivel female 90°**

Hembra giratoria 90 prensada métrica - soldable

Dichtkopf mit Ü-Mutter Winkel 45° metr.  
schweißbar

Femelle tournante 90° métrique à souder



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
6	L	12X1,5	A10521206	5,30
8	L	14X1,5	A10521408	3,50
10	L	16X1,5	A10521610	3,92
12	L	18X1,5	A10521812	4,24
15	L	22X1,5	A10522215	6,15
18	L	26X1,5	A10522618	9,47
22	L	30X2	A10523022	13,58
28	L	36X2	A10523628	22,28
35	L	45X2	A10524535	34,16
42	L	52X2	A10525242	56,43
6	S	14X1,5	A10521406	5,30
8	S	16X1,5	A10521608	3,92
10	S	18X1,5	A10521810	4,24
12	S	20X1,5	A10522012	4,82
14	S	22X1,5	A10522214	6,15
16	S	24X1,5	A10522416	6,75
20	S	30X2	A10523020	11,73
25	S	36X2	A10523625	18,89
30	S	42X2	A10524230	29,17
38	S	52X2	A10525238	46,67

## WELDING FITTINGS

Racores soldables  
Edelstahl-Schläuche  
Raccords à souder

### Welding nipple without guide

Cono ajuste sin guía

Schweißkonus ohne AG

Collet à souder sans guide



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	A127304	0,66
3/8"	3/8" BSP	A127306	0,80
1/2"	1/2" BSP	A127308	1,54
3/4"	3/4" BSP	A127312	1,70
1"	1" BSP	A127316	2,79
1"1/4"	1"1/4 BSP	A127320	4,00
1"1/2"	1"1/2 BSP	A127324	7,41
2"	2" BSP	A127332	11,24

### Metric standpipe

Espiga lisa métrica recta

Metr. Stutzen glatt

Embout lisse métrique droit



Ø EXT. Ø OUTER	Ø INT. Ø INNER	Referencia Part n°	€
7	10	KL0010	3,27
9	12	KL0012	3,93
10	14	KL0014	3,93
12	15	KL0015	5,02
12	16	KL0016	5,02
14	18	KL0018	5,25
14	20	KL0020	5,25
18	22	KL0022	6,36

### BSP nut for welding nipple 60° cone

Tuerca para cono ajuste 60° BSP

BSP-Mutter für Schweißkonus 60° kon.

Écrou BSP pour collet à souder bw (60°)



ROSCA THREAD	Referencia Part n°	€
1/4" BSP	A127004	1,13
3/8" BSP	A127006	1,12
1/2" BSP	A127008	1,54
3/4" BSP	A127012	2,03
1" BSP	A127016	3,75
1"1/4 BSP	A127020	7,23
1"1/2 BSP	A127024	11,07
2" BSP	A127032	15,04

### Welding nipple with 60° cone for BSP nut with guide >2"

Cono ajuste BSP 60° con guía >2"

Schweißkonus DK 60 Dichtkegel 60° mit AG >2"

Collet à souder BSP cone 60° avec guide >2"



DN	ROSCA THREAD	Referencia Part n°	€
2"1/2	2"1/2 BSP	Z127840	*
3"	3" BSP	Z127848	*
4"	4" BSP	Z127864	*

Prices in Stainless Steel Catalogue p.204 / Ver precios en Tarifa Inox p.204 / Vergleichen Sie die Preise im Edelstahl-Katalog. S.204 / Prix dans le Catalogue Acier Inox p.204

### Micro-casting BSPT welding male AISI-316 >2"

Macho BSPT soldar microfundido AISI-316 >2"

Außengewinde BSPT schweißbar Mikroguss AISI-316 >2"

Mâle BSPT à souder en acier moulé AISI-316 >2"



DN	ROSCA THREAD	Referencia Part n°	€
2"1/2	2"1/2 BSPT	ZM103240	*
3"	3" BSPT	ZM103248	*
4"	4" BSPT	ZM103264	*

\*Prices in Stainless Steel Catalogue p.178 / \*Ver precios en Tarifa Inox p.178 / \*Vergleichen Sie die Preise im Edelstahl-Katalog. S.178 / \*Prix dans le Catalogue Acier Inox p.178

### Micro-casting BSP nuts AISI-316 >2"

Tuercas BSP Microfundido AISI-316 >2"

Muttern BSP Mikroguss AISI-316 >2"

Écrous BSP en acier moulé AISI-316 >2"



ROSCA THREAD	Referencia Part n°	€
2" 1/2 BSP	Z127040	*
3" BSP	Z127048	*
4" BSP	Z127064	*

\*Prices in Stainless Steel Catalogue p.178 / \*Ver precios en Tarifa Inox p.178 / \*Vergleichen Sie die Preise im Edelstahl-Katalog. S.178 / \*Prix dans le Catalogue Acier Inox p.178

**WELDING FLANGES**

Bridas soldables  
Schweißarmaturen und -flansche  
Brides à souder

**Fixed forged flange DIN 2633 PN 10/16**

Brida fija DIN 2633 PN 10/16

Festflansch DIN 2633 PN 10/16

Bride fixe avec collerette DIN 2633 PN 10/16 à souder



DN	Referencia Part n°	€
3/8"	BPN16263306	20,11
1/2"	BPN16263308	20,52
3/4"	BPN16263312	30,00
1"	BPN16263316	31,61
1"1/4	BPN16263320	34,08
1"1/2	BPN16263324	48,92
2"	BPN16263332	67,68
2"1/2	BPN16263340	74,33
3"	BPN16263348	83,53
4"	BPN16263364	104,37

**Flange ANSI-ASA w.Neck 300 LBS**

Brida ANSI-ASA Neck 300 LBS

Flansch ANSI-ASA w. Neck 300 LBS

Bride ANSI-ASA w. Neck 300 LBS



DN	Referencia Part n°	€
1/2"	BANSAWN30008	20,65
3/4"	BANSAWN30012	28,20
1"	BANSAWN30016	31,34
1"1/4	BANSAWN30020	36,37
1"1/2	BANSAWN30024	42,91
2"	BANSAWN30032	49,72
2"1/2	BANSAWN30040	54,19
3"	BANSAWN30048	104,73
4"	BANSAWN30064	160,57

**Flange ANSI-ASA w.Neck 150 LBS**

Brida ANSI-ASA Neck 150 LBS

Flansch ANSI-ASA w. Neck 150 LBS

Bride ANSI-ASA w. Neck 150 LBS



DN	Referencia Part n°	€
1/2"	BANSAWN15008	17,78
3/4"	BANSAWN15012	20,49
1"	BANSAWN15016	24,30
1"1/4	BANSAWN15020	29,84
1"1/2	BANSAWN15024	36,50
2"	BANSAWN15032	46,73
2"1/2	BANSAWN15040	60,05
3"	BANSAWN15048	67,47
4"	BANSAWN15064	95,44

**Fixed forged flange DIN 2635 PN 40**

Brida fija DIN 2635 PN 40

Festflansch DIN 2635 PN 40

Bride fixe avec collerette DIN 2635 PN 40 à souder



DN	Referencia Part n°	€
3/8"	BPN40263506	4,97
1/2"	BPN40263508	9,58
3/4"	BPN40263512	13,69
1"	BPN40263516	16,59
1"1/4	BPN40263520	22,70
1"1/2	BPN40263524	28,18
2"	BPN40263532	31,80
2"1/2	BPN40263540	59,98
3"	BPN40263548	73,17
4"	BPN40263564	68,28

# WELDING FLANGES

Bridas soldables  
Schweißarmaturen und -flansche  
Brides à souder

## Swivel forged flange DIN 2642 PN 10/16

Brida loca DIN 2642 PN 10/16

Schwenkflansch DIN 2642 PN 10/16

Bride plate tournante DIN 2642 PN 10/16 à souder



DN	Referencia Part n°	€
3/8"	BPN10264206	10,23
1/2"	BPN10264208	11,22
3/4"	BPN10264212	12,98
1"	BPN10264216	16,78
1"1/4	BPN10264220	22,43
1"1/2	BPN10264224	24,84
2"	BPN10264232	30,12
2"1/2	BPN10264240	32,90
3"	BPN10264248	41,52
4"	BPN10264264	47,27

## Ring for flange DIN 2642

Aro para brida DIN 2642

Ring für Flansche DIN 2642

Collet épais pour brida DIN 2642



DN	Referencia Part n°	€
3/8"	ABARO264206	5,75
1/2"	ABARO264208	7,50
3/4"	ABARO264212	9,03
1"	ABARO264216	14,04
1"1/4	ABARO264220	18,20
1"1/2	ABARO264224	15,48
2"	ABARO264232	23,93
2"1/2	ABARO264240	23,36
3"	ABARO264248	31,54
4"	ABARO264264	74,31

## Tube for welding flanges ANSI-DIN

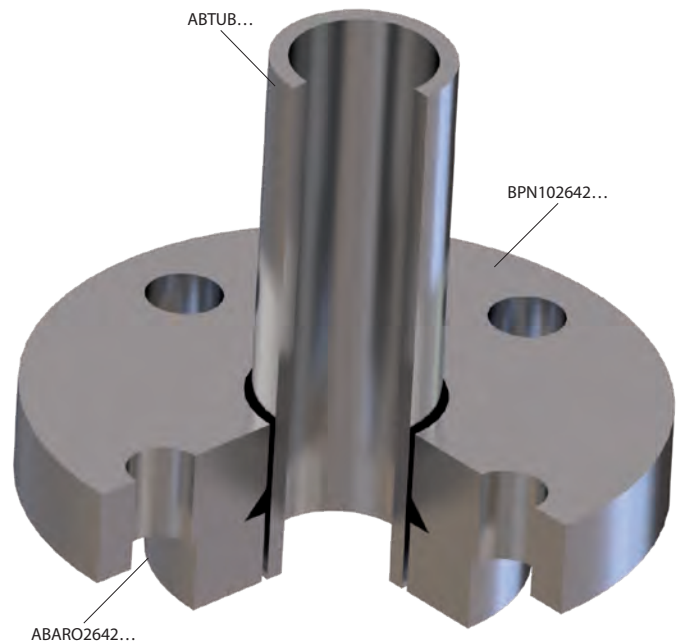
Tubo soldar brida ANSI-DIN

Rohr für Schweißflansche ANSI-DIN

Tube à souder brides ANSI-DIN



DN	Referencia Part n°	€
3/8"	ABTUB006	2,86
1/2"	ABTUB008	3,22
3/4"	ABTUB012	3,85
1"	ABTUB016	4,92
1"1/4	ABTUB020	6,36
1"1/2	ABTUB024	7,61
2"	ABTUB032	9,46
2"1/2	ABTUB040	11,52
3"	ABTUB048	13,10
4"	ABTUB064	15,86



## WELDING FLANGES

Bridas soldables  
Schweißarmaturen und -flansche  
Brides à souder

### Swivel forged flange DIN 2656 PN 40

Brida loca DIN 2656 PN 40

Schwenkflansch DIN 2656 PN 40

Bride plate tournante DIN 2656 PN 40 à souder



DN	Referencia Part n°	€
3/8"	BPN40265606	7,48
1/2"	BPN40265608	8,20
3/4"	BPN40265612	13,08
1"	BPN40265616	16,35
1"1/4	BPN40265620	22,61
1"1/2	BPN40265624	29,90
2"	BPN40265632	35,97
2"1/2	BPN40265640	45,68
3"	BPN40265648	38,49
4"	BPN40265664	74,70

### Ring for flange DIN 2656

Aro para brida DIN 2656

Ring für Flansche DIN 2656

Collet épais pour bride DIN 2656



DN	Referencia Part n°	€
3/8"	ABARO265606	7,60
1/2"	ABARO265608	9,42
3/4"	ABARO265612	9,04
1"	ABARO265616	11,99
1"1/4	ABARO265620	12,78
1"1/2	ABARO265624	14,90
2"	ABARO265632	24,88
2"1/2	ABARO265640	26,81
3"	ABARO265648	41,76

### Tube for welding flanges ANSI-DIN

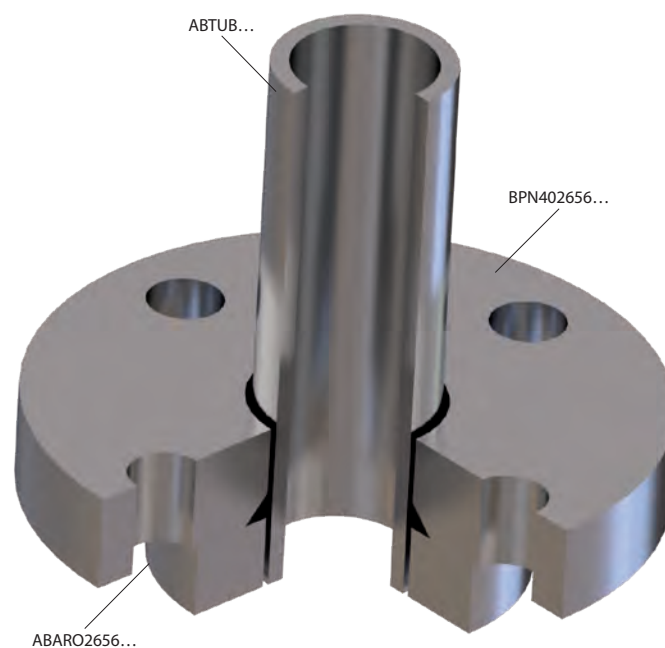
Tubo soldar brida ANSI-DIN

Rohr für Schweißflansche ANSI-DIN

Tube à souder brides ANSI-DIN



DN	Referencia Part n°	€
3/8"	ABTUB006	2,86
1/2"	ABTUB008	3,22
3/4"	ABTUB012	3,85
1"	ABTUB016	4,92
1"1/4	ABTUB020	6,36
1"1/2	ABTUB024	7,61
2"	ABTUB032	9,46
2"1/2	ABTUB040	11,52
3"	ABTUB048	13,10
4"	ABTUB064	15,86





## WELDING FLANGES

Bridas soldables  
Schweißarmaturen und -flansche  
Brides à souder

### Swivel flange ANSI-ASA 150 LBS

Brida loca ANSI-ASA 150 LBS

Schwenkflansch ANSI-ASA 150 LBS

Bride tourn. ANSI-ASA 150 LBS



DN	Referencia Part n°	€
1/2"	BANSASO15008	13,56
3/4"	BANSASO15012	9,70
1"	BANSASO15016	10,19
1"1/4"	BANSASO15020	13,43
1"1/2"	BANSASO15024	23,67
2"	BANSASO15032	37,55
2"1/2"	BANSASO15040	44,37
3"	BANSASO15048	53,29
4"	BANSASO15064	131,17

### Swivel flange ANSI-ASA 300 LBS

Brida loca ANSI-ASA 300 LBS

Schwenkflansch ANSI-ASA 300 LBS

Bride tourn. ANSI-ASA 300 LBS



DN	Referencia Part n°	€
1/2"	BANSASO30008	14,35
3/4"	BANSASO30012	24,30
1"	BANSASO30016	27,84
1"1/4"	BANSASO30020	22,09
1"1/2"	BANSASO30024	33,17
2"	BANSASO30032	38,13
2"1/2"	BANSASO30040	42,01
3"	BANSASO30048	58,86
4"	BANSASO30064	96,27

### Tube for welding flanges ANSI-DIN

Tubo soldar brida ANSI-DIN

Rohr für Schweißflansche ANSI-DIN

Tube à souder brides ANSI-DIN



DN	Referencia Part n°	€
3/8"	ABTUB006	2,86
1/2"	ABTUB008	3,22
3/4"	ABTUB012	3,85
1"	ABTUB016	4,92
1"1/4"	ABTUB020	6,36
1"1/2"	ABTUB024	7,61
2"	ABTUB032	9,46
2"1/2"	ABTUB040	11,52
3"	ABTUB048	13,10
4"	ABTUB064	15,86

### Ring for welding flanges ANSI-ASA 150/300 LBS

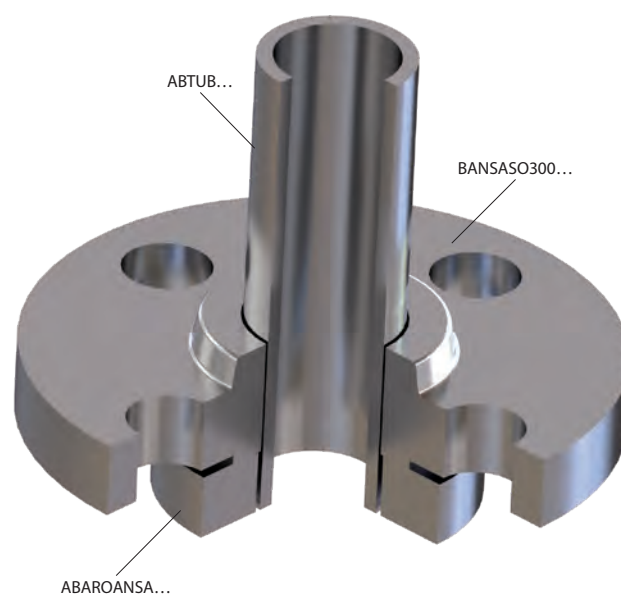
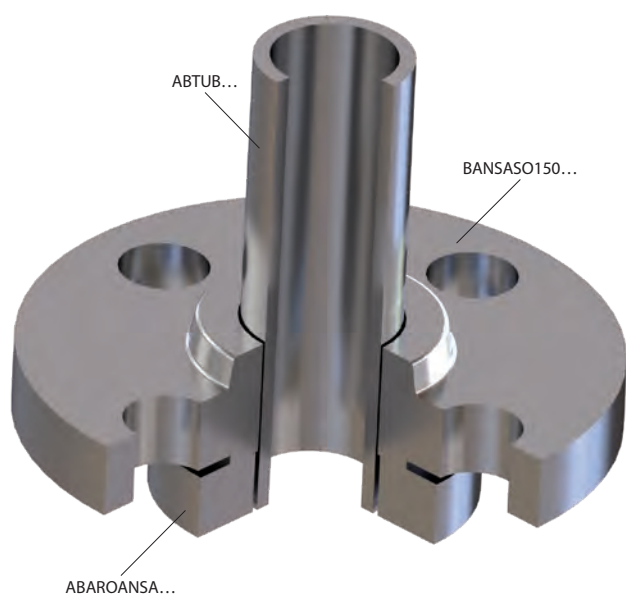
Aro para brida ANSI-ASA 150/300 LBS

Ring für Schweißflansche ANSI-ASA 150/300 LBS

Collet épais pour brida ANSI-ASA 150/300 LBS



DN	Referencia Part n°	€
1/2"	ABAROANSA08	4,10
3/4"	ABAROANSA12	4,92
1"	ABAROANSA16	8,26
1"1/4"	ABAROANSA20	7,35
1"1/2"	ABAROANSA24	9,33
2"	ABAROANSA32	14,88
2"1/2"	ABAROANSA40	19,98
3"	ABAROANSA48	26,22
4"	ABAROANSA64	41,89



**LOW PRESSURE HOSES** | 200

Mangueras baja presión  
Niederdruckschlauch  
Tuyaux basse pression

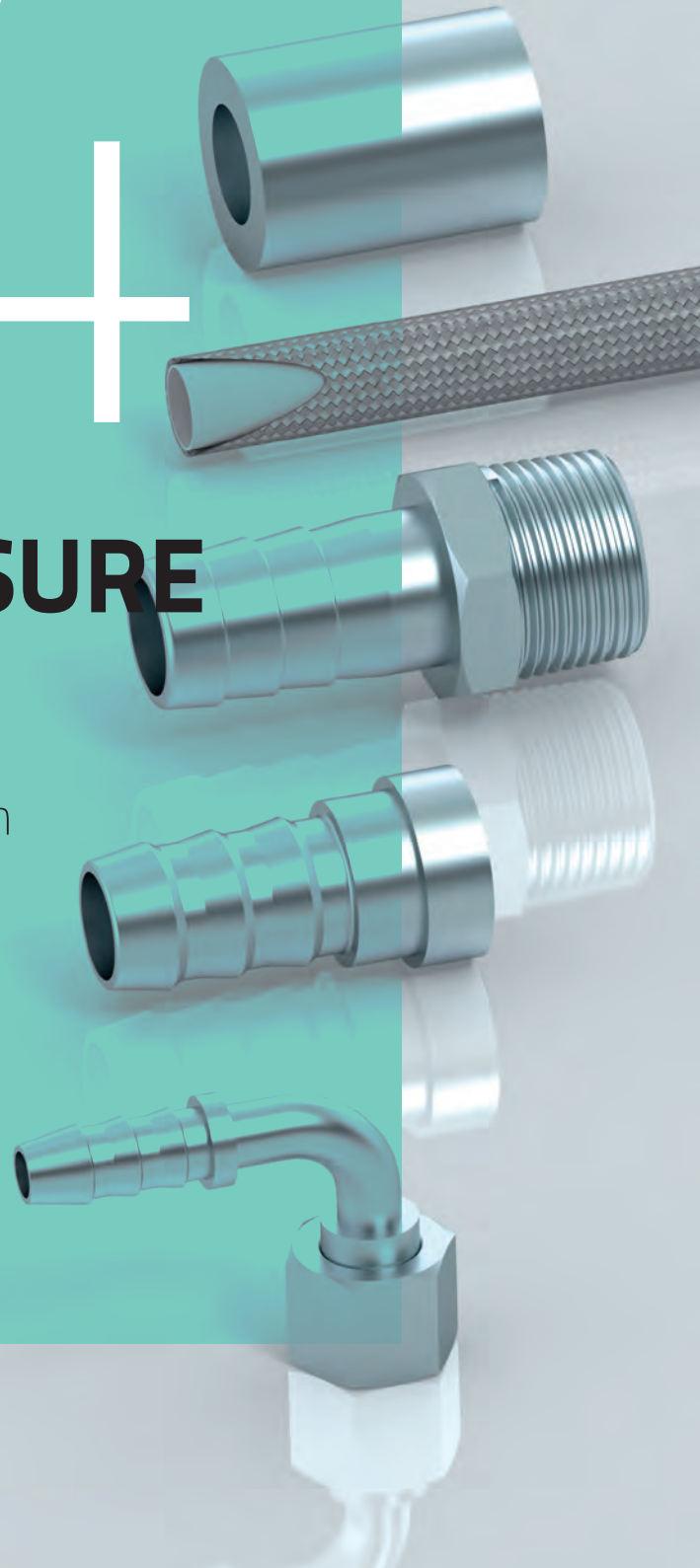
**LOW PRESSURE FITTINGS** | 201

Racores baja presión  
Niederdruckkupplungen  
Raccords basse pression

# 04

## LOW PRESSURE

Baja presión  
Niederdruck  
Basse pression



## LOW PRESSURE HOSES

Mangueras baja presión

Niederdruckschlauch

Tuyaux basse pression

Synthetic rubber hoses (diesel oil) ▪ Mangueras de caucho sintético ▪ Schläuche aus synthet. Gummi ▪ Tuyaux de caoutchouc synthétique (gas-oil)

200



M100

M110

## LOW PRESSURE FITTINGS

Racores baja presión  
Niederdruckkupplungen  
Raccords basse pression

Sleeves ▪ Casquillos (campanillas) ▪ Presshülsen ▪ Jupes basse pression

| 201



A5010



ALCA

BSP Fittings ▪ Conexiones BSP ▪ Armaturen BSP ▪ Embouts BSP basse pression

| 201



D5042



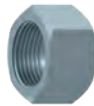
D5040



D5052



D5050



D5030



D5091

Metric fittings ▪ Conexiones Métricas ▪ Armaturen JIC 37<sup>a</sup> ▪ Embouts Métriques basse pression

| 202



D5062



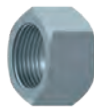
D5082



D5080



D5060



D5070



D5090



D5085



D5020

**LOW PRESSURE HOSES**

Mangueras baja presión  
Niederdruckschlauch  
Tuyaux basse pression

**Synthetic rubber hose with a galvanized steel braided (gasoil)**

Manguera de caucho sintético con una malla de acero galvanizado (gasoil)

Gummischl. aus synthet. Kautschuk mit Umfl. aus galvanisiertem Stahl (Diesel)

Tuyau de caoutchouc synthétique avec une tresse d'acier galvanisé (gasoil)



Ø INT. Ø INNER	Referencia Part n°	€
5	M10005	5,61
6	M10006	6,58
7	M10007	7,00
8	M10008	7,95
9	M10009	9,04
12	M10012	12,95
14	M10014	15,06
15	M10015	18,56
18	M10018	22,12
20	M10020	22,74
22	M10022	26,65
26	M10025	30,15
30	M10030	38,64
40	M10040	88,36
50	M10050	117,48

**Synthetic rubber hose with a textile braided high toughness (gasoil and gasolina)**

Manguera de caucho sintético con una malla textil de alta tenacidad (gasoil y gasolina)

Gummischl. aus synthet. Kautschuk mit Umfl. aus Textil (Diesel und Benzin)

Tuyau de caoutchouc synthétique avec une tresse textile d'haute tenacité (gasoil et essence)



Ø INT. Ø INNER	Referencia Part n°	€
4	M11004	5,69
5	M11005	6,20
6	M11006	7,13
7	M11007	8,00
8	M11008	7,90
9	M11009	10,08
12	M11012	15,35

Máquina prensar baja presión | Low pressure crimping machine | Presse basse pression | Macchina pressatubi bassa pressione

**Mordazas incluidas** | Included dies | Mors inclus | Morsetti inclusi  
Ø10-13-16 mm.

Ø máx. | Ø max. | Ø max. | Ø massimo

25 mm.

**Apertura** | Opening | Overture | Apertura

+21 mm.

**Peso** | Weight | Poids | Peso

12 kg.

**Dimensiones** | Dimensions | Dimensions | Dimensioni

500 x 180 x 310 mm.

PBPH25



## LOW PRESSURE FITTINGS

Racores baja presión  
Niederdruckkupplungen  
Raccords basse pression

### Sleeves for low pressure hose (steel)

Campana acero para manguera de baja presión

Presshülse für Niederdruckschlauch

Jupe acier doux malléable pour tuyau basse pression



Ø EXT. Ø OUTER	Ø INT. Ø INNER	Referencia Part n°	€
11,6	10,5	A50101050000	0,29
13,7	12,4	A50101200000	0,33
14,7	13,5	A50101350000	0,36
15,6	14,5	A50101450000	0,36
16,5	15,5	A50101550000	0,39
18,8	17,3	A50101700000	0,46
19,5	18,5	A50101850000	0,47
22,9	20,5	A50102050000	0,58
23,9	22,5	A50102250000	0,67
26,2	24,5	A50102450000	0,76
28	26,4	A50102600000	0,84
30	28	A50102800000	0,94
32,2	30	A50103000000	1,74
35,5	33,5	A50103300000	1,76
38,2	36	A50103600000	1,94
45,2	42,2	A50104200000	6,39
60,8	56	A50105600000	8,50
65,5	61	A50106100000	10,16
70,3	66,5	A50106650000	13,90
76,7	71	A50107100000	15,56

### Crimping ferrule 45° closure (aluminium)

Campana aluminio para racor industrial - cierre 45°

Presshülse Aluminium 45°

Jupe aluminium pour raccord industriel - fermeture 45°



Ø INT. Ø INNER	Referencia Part n°	€
11	ALCA011000	*
12.9	ALCA012900	*
13.4	ALCA013400	*
14.5	ALCA014500	*
15.5	ALCA015500	*
17.5	ALCA017500	*
18.5	ALCA018500	*
20.5	ALCA020500	*
21.5	ALCA021500	*
24.5	ALCA024500	*
26.5	ALCA026500	*
27.5	ALCA027500*	*
28.5	ALCA028500	*
30	ALCA030000	*
33	ALCA033000	*
36	ALCA036000	*
39	ALCA039000	*
46	ALCA046000	*
43	ALCA043000	*
48	ALCA048000	*
50	ALCA050000	*
54	ALCA054000	*
56.5	ALCA056500	*
63	ALCA063000	*
67	ALCA067000	*
84	ALCA083000	*
98	ALCA099000	*
123	ALCA121000	*

\*See prices in p.175 / \*\*Ver precios en p.175 / \*\*Vgl. Sie die Preise auf S. 175 / \*\*Prix à la p.175

### BSP Cylindrical male low pressure 60° cone

Macho BSP rosca cilíndrica asiento cónico 60°

Außengewinde zyl. 60° BSP kon.

Embout mâle fixe BSP cône 60° basse pression



DN	ROSCA THREAD	Referencia Part n°	€
5-6	1/4"	D50420405000	2,87
7-8	1/4"	D50420407000	3,10
7-8	3/8"	D50420607000	5,64
9-10	3/8"	D50420609000	3,32
12-13	3/8"	D50420612000	7,12
12-13	1/2"	D50420812000	5,69
15-16	1/2"	D50420815000	8,72
15-16	3/4"	D50421216000	6,72
19-20	3/4"	D50421220000	6,06
19-20	1"	D50421620000	11,01
25	1"	D50421625000	8,46
30	1"1/4	D50422030000	25,64
40	1"1/2	D50422440000	33,34
50	2"	D50423250000	49,06

### Low pressure BSP cylindrical male flat seat

Macho BSP rosca cilíndrica asiento plano

Außengewinde flachdichtend (BSP) zyl.

Embout mâle gaz fond plat basse pression



DN	ROSCA THREAD	Referencia Part n°	€
5-6	1/8"	D50400205000	2,20
5-6	1/4"	D50400405000	3,09
7-8	1/4"	D50400407000	5,41
7-8	3/8"	D50400607000	6,20
9-10	3/8"	D50400609000	6,20
12-13	1/2"	D50400812000	5,71
15-16	1/2"	D50400815000	5,78
15-16	3/4"	D50401216000	6,85
19-20	3/4"	D50401220000	8,72
19-20	1"	D50401620000	11,01
25	1"	D50401625000	12,90
30	1"1/4	D50402030000	34,66
40	1"1/2	D50402440000	30,50
50	2"	D50403250000	53,91

## LOW PRESSURE FITTINGS

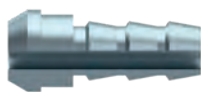
Racores baja presión  
Niederdruckkupplungen  
Raccords basse pression

### BSP Nipple 60° cone low pressure

Boquilla asiento cónico 60° (BSP) baja presión

Dichtkegel flachdichtend kon. 60° (BSP)  
Niederdruck

Nipple embout femelle BSP 60° basse pression



DN	TUERCA NUT	Referencia Part n°	€
5-6	1/4"	D50520405000	1,57
7-8	1/4"	D50520407000	1,34
7-8	3/8"	D50520607000	2,09
9-10	3/8"	D50520609000	1,70
12-13	1/2"	D50520812000	1,98
15-16	1/2"	D50520815000	2,43
15-16	3/4"	D50521216000	2,89
19-20	3/4"	D50521220000	3,43
19-20	1"	D50521620000	5,20
25	1"	D50521625000	4,90
30	1"1/4	D50522030000	9,89
40	1"1/2	D50522440000	16,15
50	2"	D50523250000	24,84

### BSP Nipple flat seat

Boquilla asiento plano (BSP) baja presión

Dichtkegel flachdichtend (BSP) Niederdruck

Nipple embout femelle fond plat BSP basse pression



DN PIPE	TUERCA NUT	Referencia Part n°	€
5-6	1/4"	D50500405000	2,46
7-8	1/4"	D50500407000	2,24
9-10	3/8"	D50500609000	2,09
12-13	1/2"	D50500812000	2,16
15-16	1/2"	D50500815000	2,60
15-16	3/4"	D50501216000	2,89
19-20	3/4"	D50501220000	3,14
19-20	1"	D50501620000	5,20
25	1"	D50501625000	6,62
30	1"1/4	D50502030000	11,01
40	1"1/2	D50502440000	21,37
50	2"	D50503250000	26,64

### BSP Nut

Tuerca BSP

Mutter BSP - m BSP

Ecrou BSP



ROSCA THREAD	Referencia Part n°	€
1/4" BSP	D50300400000	0,96
3/8" BSP	D50300600000	1,03
1/2" BSP	D50300800000	1,64
3/4" BSP	D50301200000	2,31
1" BSP	D50301600000	4,05
1"1/4 BSP	D50302000000	7,81
1"1/2 BSP	D50302400000	9,23
2" BSP	D50303200000	13,70

### 90° BSP Swivel female 60° cone low pressure

Codo 90° baja gas cono 60°

90° Winkel w mit Ü-Mutter BSP (60°) Niederdruck

Embout femelle 90° gaz cyl BSP 60° basse pression



DN PIPE	ROSCA THREAD	Referencia Part n°	€
5-6	1/4"	D50910405000	12,79
7-8	1/4"	D50910407000	4,60
9-10	3/8"	D50910609000	7,10
12-13	1/2"	D50910812000	16,62
15-16	1/2"	D50910815000	18,17
15-16	3/4"	D50911216000	21,23
19-20	3/4"	D50911220000	14,51
19-20	1"	D50911620000	53,94
25	1"	D50911625000	22,73
30	1"1/4	D50912030000	92,53

### Metric cylindrical male 60° cone

Macho rosca métrica asiento cónico 60° baja presión

Außengewinde metr. kon. Niederdruck

Embout mâle DIN métrique cône 60° basse pression



DN	ROSCA THREAD	Referencia Part n°	€
5-6	10X1	D50621005000	2,92
7-8	12X1,5	D50621207000	3,19
9-10	14X1,5	D50621409000	5,94
9-10	16X1,5	D50621609000	3,82
12-13	16X1,5	D50621612000	6,02
9-10	18X1,5	D50621810000	4,91
12-13	22X1,5	D50622212000	5,56
15-16	22X1,5	D50622215000	6,31
12-13	26X1,5	D50622612000	6,91
15-16	26X1,5	D50622615000	6,91

### Metric cyl male flat seat low pressure

Macho rosca métrica asiento plano baja presión

Außengewinde metr. flachdichtend Niederdruck

Embout mâle métrique fond plat basse pression



DN	ROSCA THREAD	Referencia Part n°	€
5-6	10X1	D50601005000	2,83
7-8	12X1,5	D50601207000	3,19
9-10	14X1,5	D50601409000	5,94
9-10	16X1,5	D50601609000	3,92
12-13	16X1,5	D50601612000	6,02
9-10	18X1,5	D50601810000	5,08
12-13	22X1,5	D50602212000	4,92
15-16	22X1,5	D50602215000	3,99
12-13	26X1,5	D50602612000	6,63
15-16	26X1,5	D50602615000	6,88



# LOW PRESSURE FITTINGS

Racores baja presión  
Niederdruckkupplungen  
Raccords basse pression

## Metric nipple 60° cone low pressure

Boquilla asiento cónico 60° (Métrica) baja presión

Dichtkegel flachdichtend kon. 60° (Metr.)  
Niederdruck

Nipple pour embout femelle DIN métrique cône 60°  
basse pression



DN	TUERCA NUT	Referencia Part n°	€
5-6	10X1	D50821005000	1,68
7-8	12X1,5	D50821207000	1,89
9-10	14X1,5	D50821409000	2,29
9-10	16X1,5	D50821609000	3,22
9-10	18X1,5	D50821810000	2,18
12-13	22X1,5	D50822212000	3,09
15-16	22X1,5	D50822215000	3,27
12-13	26X1,5	D50822612000	4,96
15-16	26X1,5	D50822615000	4,76

## Metric nipple flat seat low pressure

Boquilla asiento plano (Métrica) baja presión

Dichtkegel flachdichtend (Metr.) Niederdruck

Nipple pour embout femelle métrique fond plat  
basse pression



DN	TUERCA NUT	Referencia Part n°	€
5-6	10X1	D50801005000	1,68
7-8	12X1,5	D50801207000	1,86
9-10	14X1,5	D50801409000	2,51
9-10	16X1,5	D50801609000	1,99
9-10	18X1,5	D50801810000	2,88
12-13	22X1,5	D50802212000	3,09
15-16	22X1,5	D50802215000	2,15
12-13	26X1,5	D50802612000	4,76
15-16	26X1,5	D50802615000	4,76

## Metric nut

Tuerca Métrica

Mutter metr.

Écrou métrique



ROSCA THREAD	Referencia Part n°	€
10X1	D50701000000	1,27
12X1,5	D50701200000	1,44
14X1,5	D50701400000	2,71
16X1,5	D50701600000	1,46
18X1,5	D50701800000	1,69
22X1,5	D50702200000	3,28
26X1,5	D50702600000	3,74

## 90° Swivel female Metric cylindrical 60° cone low pressure

Boquilla 90° asiento cónico 60° (Métrica) baja presión

Dichtkegel 90° flachdichtend kon. 60° (metr.)  
Niederdruck

Embout femelle 90° métrique cône 60° basse  
pression



DN	ROSCA THREAD	Referencia Part n°	€
7-8	12X1,5	D50901207000	15,05
9-10	14X1,5	D50901409000	15,71
9-10	16X1,5	D50901609000	20,22

## Metric standpipe low pressure

Espiga lisa métrica baja presión

Metr. Stutzen Niederdruck glatt

Embout lisse métrique basse pression



DN	TUBO PIPE	Referencia Part n°	€
5-6	4	D50850405000	6,31
5-6	6	D50850606000	4,69
5-6	8	D50850806000	4,69
7-8	8	D50850808000	4,69
7-8	10	D50851008000	4,92
9-10	10	D50851010000	4,48
12-13	12	D50851212000	4,48
15,5	15	D50851515000	6,41
15-16	18	D50851815000	7,89

## Low pressure metric banjo

Orientable métrico baja presión

Metr. Ringauge Niederdruck

Embout banjo métrique basse pression



DN	Ø	Referencia Part n°	€
5-6	8	D50200805	5,08
7-8	8	D50200807	5,08
5-6	10	D50201005	4,60
7-8	10	D50201007	5,45
9-10	10	D50201009	5,52
5-6	12	D50201205	5,84
7-8	12	D50201207	5,84
9-10	12	D50201209	5,84
5-6	14	D50201405	5,72
7-8	14	D50201407	4,93
9-10	14	D50201409	4,93

**AIR CONDITIONING HOSE** 208

Manguera aire acondicionado  
Klimaschlauch  
Tuyau Freon

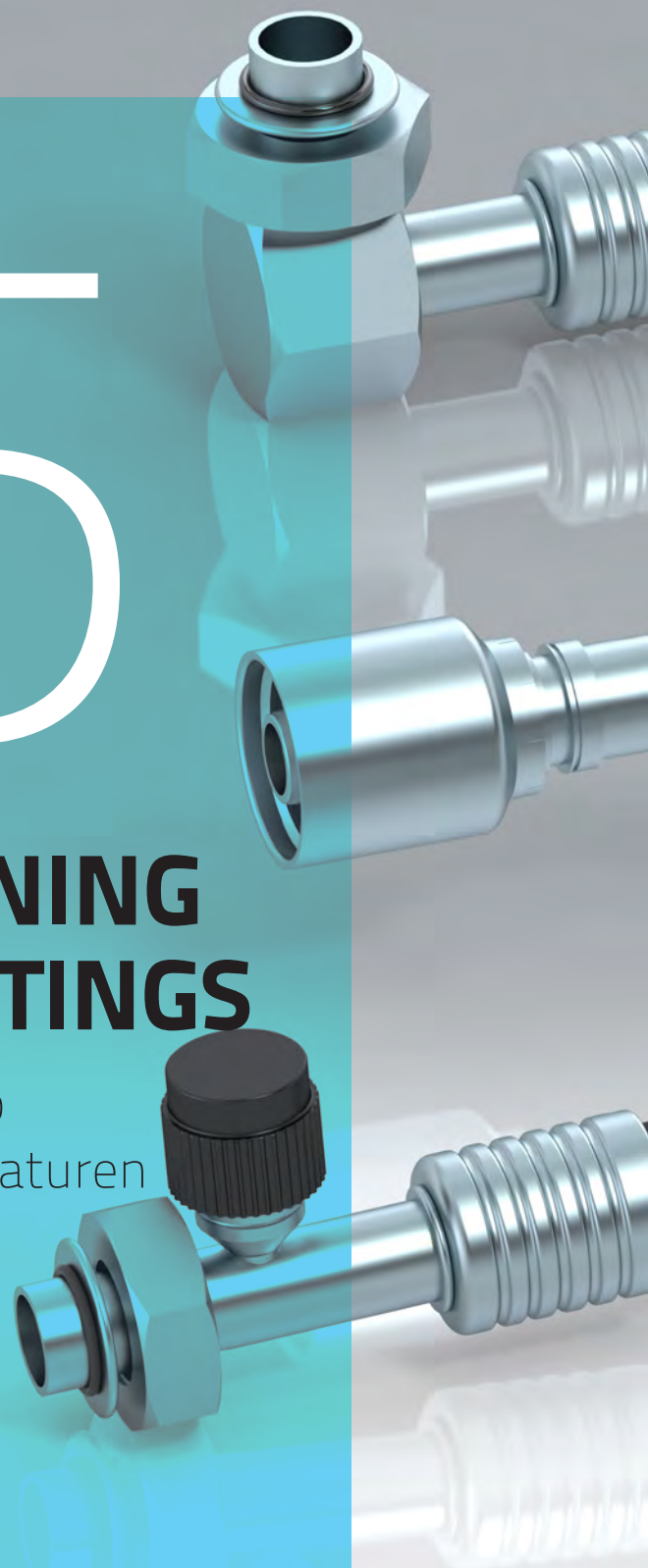
**AIR CONDITIONING FITTINGS** 209

Racores aire acondicionado  
Klimaschlauch-Armatur  
Raccords climatisation

# 05

## **AIR CONDITIONING HOSES AND FITTINGS**

Aire acondicionado  
Klimaschlauch und -Armaturen  
Climatisation



**AIR CONDITIONING HOSE**

Manguera aire acondicionado

Klimaschlauch

Tuyau Freon

Air conditioning hose ■ Mangueras Freón ■ Klimaschläuche ■ Tuyau Freon

| 208



M5200

# AIR CONDITIONING FITTINGS

Racores aire acondicionado

Klimaschlauch-Armatur

Raccords climatisation

Rotalock without valve ▪ Rotalock sin válvula ▪ Rotalock ohne Ventil ▪ Raccords Rotalock sans vanne | 209



FXR

FX90

FX45

FXA90

Rotalock with valve ▪ Rotalock con válvula ▪ Rotalock mit Ventil ▪ Raccords Rotalock avec vanne | 209



FXRV

FX45V

FX90V

FXAV90

Couplings ▪ Racores de unión ▪ Kupplungen ▪ Raccord union | 209



134 URTV

URT

Swivel female with green joint ▪ Hembras con junta tórica sin válvula ▪ Dichtkopf mit O-Ring ohne Ventil ▪ Femelles tournantes avec joint vert sans vanne | 210



FOR

F045

F090

Swivel female with green joint with valve ▪ Hembras con junta tórica con válvula ▪ Dichtkopf mit O-Ring und Ventil ▪ Femelles tournantes avec joint vert et avec vanne | 210



FORV

F090V

F045V

Males with green joint ▪ Machos con junta tórica ▪ Außengewinde mit O-Ring ▪ Mâles avec joint vert | 210



MOR

M045

M090

Swivel females SAE ▪ Conexiones rosca SAE ▪ Armaturen SAE ▪ Femelles tournantes SAE | 211



FSR

FS90

FS45

Fittings with valve for air conditioning 12 ▪ Conexiones con válvula para Freón 12 ▪ Armaturen mit Ventil für Klimaschlauch ▪ Embouts climatisation pour Freón 12 avec vanne | 211



FXRV

FXAV90

URTV

FX90V

Joints ▪ Juntas tóricas ▪ O-Rings ▪ Joints toriques | 211



\*FREON

## AIR CONDITIONING HOSE

Manguera aire acondicionado  
Klimaschlauch  
Tuyau Freon

### Air conditioning DAYCO

Freón DAYCO

Klimaschlauch DAYCO

Tuyaux Freon DAYCO



DN		Referencia Part n°	€
8	5/16"	M520006	19,19
10	13/32"	M520008	26,68
13	1/2"	M520010	30,65
16	5/8"	M520012	35,45

### Mangueras Freón Barrier N (polivalente) Freón 134, 12... Air Conditioning Barrier N Hose Freon 134, 12...



SAE J51  
SAE J2064



-30 / 95 °C

- Está compuesta por Nitrilo, Nylon y Neopreno. Cubierta exterior de EPDM resistente al calor, abrasión y al exterior.

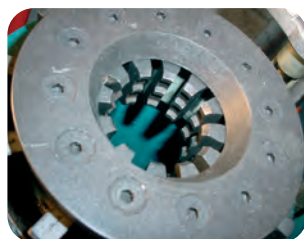
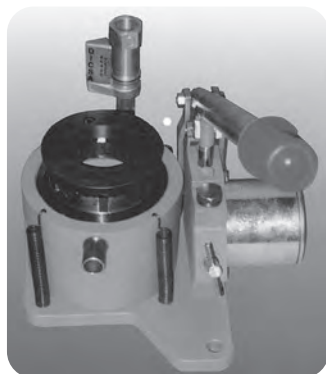
*Tube: Nitrile, Nylon and Neoprene. Outer cover of EPDM, heat, abrasion and ozone resistant.*

- Refrigerantes / refrigerants  
HFC-134a / CFC-12

- Prensa manual**  
Manual crimping machine

- Prensas eléctricas**  
Electric crimping machine

- Prensa Freón. Ref. V001040 (sin juegos de mordazas)**  
Air conditioning hose crimping machine (without clamps)



Disponemos de garras de freón para las prensas  
SE 25 - PE 25 / 28 / 32 / 38 / 50 / 58 / 4-50 - PE 180 - PES 50...  
We have air conditioning clamps for the following machines  
SE 25 - PE 25 / 28 / 32 / 38 / 50 / 58 / 4-50 - PE 180 - PES 50...

# AIR CONDITIONING FITTINGS

Racores aire acondicionado

Klimaschlauch-Armatur

Raccords climatisation

## Straight female with Rotalock joint

Hembra recta con junta Rotalock

Dichtkopf gerade mit Ü-Mutter Rotalock

Femelle climatisation droite Rotalock avec raccord tube "o" compresseur



DN	ROSCA THREAD	Referencia Part n°	€
13/32"	1" 14h UNS	<b>FXR 1108</b>	<b>15,68</b>
1/2"	1" 14h UNS	<b>FXR 1110</b>	<b>16,23</b>
5/8"	1" 14h UNS	<b>FXR 1112</b>	<b>23,33</b>

## 90° Female with Rotalock joint

Hembra 90° con junta Rotalock

Dichtkopf 90° mit Dichtung Rotalock

Femelle climatisation 90° Rotalock avec raccord tube 90° "o" compresseur



DN	ROSCA THREAD	Referencia Part n°	€
13/32"	1" 14h UNS	<b>FX90 1108</b>	<b>17,58</b>
1/2"	1" 14h UNS	<b>FX90 1110</b>	<b>18,68</b>
5/8"	1" 14h UNS	<b>FX90 1112</b>	<b>26,70</b>

## 45° Female with Rotalock joint

Hembra 45° con junta Rotalock

Dichtkopf 45° mit Dichtung Rotalock

Femelle climatisation 45° Rotalock avec raccord tube 45° "o" compresseur



DN	ROSCA THREAD	Referencia Part n°	€
13/32"	1" 14h UNS	<b>FX45 1108</b>	<b>17,39</b>
1/2"	1" 14h UNS	<b>FX45 1110</b>	<b>18,68</b>
5/8"	1" 14h UNS	<b>FX45 1112</b>	<b>26,52</b>

## 90° Special female with Rotalock joint

Hembra especial 90° con junta Rotalock

Dichtkopf spezial 90° mit Rotalock

Femelle climatisation spéciale 90° rotalock avec raccord tube 90° spécial "o" compresseur



DN	ROSCA THREAD	Referencia Part n°	€
13/32"	1" 14h UNS	<b>FXA90 1108</b>	<b>27,44</b>
1/2"	1" 14h UNS	<b>FXA90 1110</b>	<b>27,80</b>

## Straight female with Rotalock joint and 134 valve

Hembra recta con junta Rotalock y válvula 134

Dichtkopf gerade mit Ü-Mutter Rotalock mit Ventil 134

Femelle droite Rotalock avec joint et vanne pour 134



DN	ROSCA THREAD	Referencia Part n°	€
13/32"	1" 14h UNS	<b>134 FXRV 1108</b>	<b>28,60</b>
1/2"	1" 14h UNS	<b>134 FXRV 1110</b>	<b>29,33</b>
5/8"	1" 14h UNS	<b>134 FXRV 1112</b>	<b>32,33</b>

## 45° Female with Rotalock joint and 134 valve

Hembra 45° con junta Rotalock y válvula 134

Dichtkopf 45° mit Dichtung Rotalock und Ventil 134

Femelle 45° Rotalock avec joint et vanne pour 134



DN	ROSCA THREAD	Referencia Part n°	€
13/32"	1" 14h UNS	<b>134 FX45V 1108</b>	<b>31,97</b>
1/2"	1" 14h UNS	<b>134 FX45V 1110</b>	<b>30,62</b>

## 90° Female with Rotalock joint and 134 valve

Hembra 90° con junta Rotalock y válvula 134

Dichtkopf 90° mit Dichtung Rotalock und Ventil 134

Femelle 90° Rotalock avec joint et vanne pour 134



DN	ROSCA THREAD	Referencia Part n°	€
13/32"	1" 14h UNS	<b>134 FX90V 1108</b>	<b>30,07</b>
1/2"	1" 14h UNS	<b>134 FX90V 1110</b>	<b>30,80</b>
5/8"	1" 14h UNS	<b>134 FX90V 1112</b>	<b>35,70</b>

## 90° special Female with Rotalock joint and 134 valve

Hembra especial 90° con junta Rotalock y válvula 134

Dichtkopf spezial 90° mit Rotalock und Ventil 134

Femelle climatisation spéciale 90° Rotalock avec joint et vanne pour 134



DN	ROSCA THREAD	Referencia Part n°	€
13/32"	1" 14h UNS	<b>134 FXAV90 1108</b>	<b>36,62</b>
1/2"	1" 14h UNS	<b>134 FXAV90 1110</b>	<b>36,99</b>

## 134 valve coupling

Racor de unión con válvula 134

Anschluss-Verschr. mit Ventil 134

Raccord d'union climatisation avec vanne pour splicer vanne pour 134



DN	Referencia Part n°	€
5/16"	<b>134 URTV 0006</b>	<b>28,97</b>
13/32"	<b>134 URTV 0008</b>	<b>30,80</b>
1/2"	<b>134 URTV 0010</b>	<b>30,99</b>
5/8"	<b>134 URTV 0012</b>	<b>31,35</b>

## Hose-hose coupling

Racor de unión

Anschluss-Verschr.

Raccord d'union climatisation splicer



DN	Referencia Part n°	€
5/16"	<b>URT 0006</b>	<b>12,19</b>
13/32"	<b>URT 0008</b>	<b>12,49</b>
1/2"	<b>URT 0010</b>	<b>14,21</b>
5/8"	<b>URT 0012</b>	<b>16,23</b>

## AIR CONDITIONING FITTINGS

Racores aire acondicionado

Klimaschlauch-Armatur

Raccords climatisation

### Straight swivel female with green joint

Hembra giratoria recta con junta verde

Dichtkopf gerade mit grünem Dichtring

Femelle tournante avec joint vert



DN	ROSCA THREAD	Referencia Part n°	€
5/16"	5/8" 18h UNF	FOR 0606	10,10
13/32"	3/4" 16h UNF	FOR 0808	10,78
1/2"	7/8" 14h UNF	FOR 1010	12,37
5/8"	7/8" 14h UNF	FOR 1012	14,94
5/8"	1"1/16 12h UNF	FOR 1212	17,76

### 45° swivel female with green joint

Hembra giratoria 45° con junta verde

Dichtkopf Ü-Mutter 45° mit grünem Dichtring

Femelle tournante 45° avec joint vert



DN	ROSCA THREAD	Referencia Part n°	€
5/16"	5/8" 18h UNF	FO45 0606	12,12
13/32"	3/4" 16h UNF	FO45 0808	12,19
1/2"	7/8" 14h UNF	FO45 1010	14,39
5/8"	7/8" 14h UNF	FO45 1012	15,68
5/8"	1"1/16 12h UNF	FO45 1212	19,04

### 90° swivel female with green joint

Hembra giratoria 90° con junta verde

Dichtkopf mit Ü-Mutter 90° metr. mit grünem Dichtring

Femelle tournante 90° avec joint vert



DN	ROSCA THREAD	Referencia Part n°	€
5/16"	5/8" 18h UNF	FO90 0606	11,51
13/32"	3/4" 16h UNF	FO90 0808	12,19
1/2"	7/8" 14h UNF	FO90 1010	13,23
5/8"	7/8" 14h UNF	FO90 1012	15,68
5/8"	1"1/16 12h UNF	FO90 1212	17,51

### Straight swivel female with green joint and valve

Hembra giratoria recta con válvula

Dichtkopf mit Ü-Mutter gerade mit Ventil

Femelle tournante avec joint vert et vanne pour 134



DN	ROSCA THREAD	Referencia Part n°	€
5/16"	5/8" 18h UNF	FORV 0606	23,88
13/32"	3/4" 16h UNF	FORV 0808	22,66
1/2"	7/8" 14h UNF	FORV 1010	25,41
5/8"	7/8" 14h UNF	FORV 1012	30,86
5/8"	1"1/16 12h UNF	FORV 1212	34,97

### 90° Swivel female with green joint and valve

Hembra giratoria 90° con válvula

Dichtkopf mit Ü-Mutter 90° metr. mit Ventil

Femelle tournante 90° avec joint vert et vanne pour 134



DN	ROSCA THREAD	Referencia Part n°	€
5/16"	5/8" 18h UNF	FO90V 0606	26,52
13/32"	3/4" 16h UNF	FO90V 0808	25,35
1/2"	7/8" 14h UNF	FO90V 1010	25,54
5/8"	7/8" 14h UNF	FO90V 1012	27,80
5/8"	1"1/16 12h UNF	FO90V 1212	38,58

### 45° Swivel female with green joint and valve

Hembra giratoria 45° con válvula

Dichtkopf mit Ü-Mutter Winkel 45° mit Ventil

Femelle tournante 45° avec joint vert et vanne pour 134



DN	ROSCA THREAD	Referencia Part n°	€
5/16"	5/8" 18h UNF	FO45V 0606	25,23
13/32"	3/4" 16h UNF	FO45V 0808	26,33
1/2"	7/8" 14h UNF	FO45V 1010	26,88
5/8"	7/8" 14h UNF	FO45V 1012	31,97
5/8"	1"1/16 12h UNF	FO45V 1212	33,44

### Straight male with green joint

Macho recto con junta tórica

Außengewinde mit O-Ring

Mâle tournant avec joint vert



DN	ROSCA THREAD	Referencia Part n°	€
5/16"	5/8" 18h UNF	MOR 0606	10,10
13/32"	3/4" 16h UNF	MOR 0808	11,76
1/2"	7/8" 18h UNF	MOR 1010	14,02
5/8"	7/8" 18h UNF	MOR 1012	15,68
5/8"	1"1/16 16h UNF	MOR 1212	20,82

### 45° Male with green joint

Macho 45° con junta tórica

Außengewinde 45° mit O-Ring

Mâle tournant 45° avec joint vert



DN	ROSCA THREAD	Referencia Part n°	€
5/16"	5/8" 18h UNF	MO45 0606	12,49
13/32"	3/4" 16h UNF	MO45 0808	13,29
1/2"	7/8" 18h UNF	MO45 1010	14,94
5/8"	7/8" 18h UNF	MO45 1012	17,21
5/8"	1"1/16 16h UNF	MO45 1212	22,54



# AIR CONDITIONING FITTINGS

Racores aire acondicionado  
Klimaschlauch-Armatur  
Raccords climatisation

INDUSTRIAL  
HOSES

INDUSTRIAL  
FITTINGS

STAINLESS STEEL HOSE  
WELDING FITTINGS/ FLANGES

LOW PRESSURE

AIR CONDITIONING  
HOSES AND FITTINGS

## 90° Male with green joint

Macho 90° con junta tórica

Außengewinde 90° mit O-Ring

Mâle tournant 90° avec joint vert



DN	ROSCA THREAD	Referencia Part n°	€
5/16"	5/8" 18h UNF	MO90 0606	12,49
13/32"	3/4" 18h UNF	MO90 0808	13,47
1/2"	7/8" 18h UNF	MO90 1010	15,31
5/8"	7/8" 18h UNF	MO90 1012	19,72
5/8"	1" 1/16 16h UNF	MO90 1212	19,78

## Straight swivel female SAE

Hembra giratoria recta SAE

Dichtkopf mit Ü-Mutter SAE

Femelle tournante SAE droite



DN	ROSCA THREAD	Referencia Part n°	€
5/16"	5/8" 18h UNF	FSR 0606	14,58
13/32"	3/4" 16h UNF	FSR 0808	15,86
1/2"	7/8" 14h UNF	FSR 1010	16,29

## 90° Swivel female SAE

Codo 90° hembra giratoria SAE

90° Winkel w mit Ü-Mutter SAE

Femelle tournante 90° SAE



DN	ROSCA THREAD	Referencia Part n°	€
5/16"	5/8" 18h UNF	FS90 0606	15,86
13/32"	3/4" 16h UNF	FS90 0808	17,58
1/2"	7/8" 14h UNF	FS90 1010	18,86

## 45° Swivel female SAE

Codo 45° hembra giratoria SAE

45° Winkel Ü-Mutter SAE

Femelle tournante 45° SAE



DN	ROSCA THREAD	Referencia Part n°	€
5/16"	5/8" 18h UNF	FS45 0606	15,68
13/32"	3/4" 16h UNF	FS45 0808	17,58
1/2"	7/8" 14h UNF	FS45 1010	18,68

## Straight female with Rotalock joint and valve

Hembra recta con junta Rotalock y válvula

Dichtkopf gerade mit Ü-Mutter Rotalock mit Ventil

Femelle droite Rotalock avec joint et vanne pour R12



DN	ROSCA THREAD	Referencia Part n°	€
13/32"	1" 14h UNS	FXRV 1108	29,39
1/2"	1" 14h UNS	FXRV 1110	31,29

## 90° Special female with Rotalock joint and valve

Hembra especial 90° con junta Rotalock y válvula

Dichtkopf spezial 90° mit Rotalock und Ventil

Femelle spéciale 90° Rotalock avec joint et vanne pour R12



DN	ROSCA THREAD	Referencia Part n°	€
13/32"	1" 14h UNS	FXAV90 1108	40,72
1/2"	1" 14h UNS	FXAV90 1110	41,15

## Union fitting with valve

Racor de unión con válvula

Anschluss-Verschr. mit Ventil

Raccord union avec vanne pour R14 splicer vanne pour R12



DN	Referencia Part n°	€
5/16"	URTV 0006	24,86
13/32"	URTV 0008	25,54
1/2"	URTV 0010	26,39

## 90° Female with Rotalock joint and valve

Hembra 90° con junta Rotalock y válvula

Dichtkopf 90° mit Dichtung Rotalock und Ventil

Femelle 90° Rotalock avec joint et vanne pour R12



DN	ROSCA THREAD	Referencia Part n°	€
13/32"	1" 14h UNS	FX90V 1108	31,11
1/2"	1" 14h UNS	FX90V 1110	32,58

## Joints for air conditioning 134 fittings

Junta tórica para racores Freón 134

Dichtung für Klimaarmaturen 134

Joint torique spécial pour Freon 134



DN	Referencia Part n°	€
5/16"	7.65X1.78 FREON	0,75
13/32"	10.82X1.78 FREON	0,87
1/2"	14X1.78 FREON	1,09
5/8"	18.77X1.78 FREON	1,37

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# Pipe connectors

*Tubo rígido*

Rohr

*Connectique rigide*

# TrAle®



**TRΔLE® PIPE**

Tubo rígido TrΔle®

Rohr TrΔle®

Tube rigide TrΔle®

1

**PIPE FITTINGS DIN 2353 / FLARE FITTINGS JIC 37°**

Racores DIN 2353 / Racores JIC 37°

Verschraubungen für Rohr DIN 2353/JIC-Verbindungen

Raccords DIN 2353 / Adapteurs JIC 37°

2

**SAE FLANGES**

Bridas SAE

SAE-Flansche

Brides de fixation SAE

3

**TRΔLE® CLAMPS**

Abrazaderas TrΔle®

Schellen TrΔle®

Colliers TrΔle®

4

**MACHINES FOR PROCESSING RIGID PIPES**

Máquinas para procesar el tubo rígido

Maschinen für Rohrbearbeitung

Machines pour travailler le tube rigide


5

**PIPE EN 10305-4 (METRIC) TRΔLE®** | **218**

Tubo rígido métrico TrΔle®

Rohr EN 10305-4 (metr.) TrΔle®

Tube rigide EN 10305-4 (Métrique) TrΔle®



# 01

## **TRΔLE PIPE**

Tubo rígado TrΔle®

Rohr TrΔle®

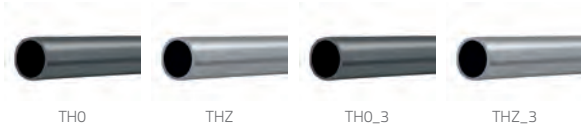
Tube rigide TrΔle®

**PIPE EN 10305-4 (METRIC) TRALE®**

Tubo rígido métrico TrΔle®  
Rohr EN 10305-4 (metr.) TrΔle®  
Tube rigide EN 10305-4 (Métrique) TrΔle®

Pipe EN 10305-4 (Metric) ▪ EN 10305-4 ▪ Rohr EN 10305-4 (metr.) ▪ Tube rigide EN 10305-4 (Métrique)

| 218



TH0

THZ

TH0\_3

THZ\_3

# TrAle®



**RACORES FABRICADOS POR**  
**PIPE FITTINGS MANUFACTURED BY**

# DICSA





**PIPE EN 10305-4 (METRIC) TRALE®**

Tubo rígido métrico TrAle®  
Rohr EN 10305-4 (metr.) TrAle®  
Tube rigide EN 10305-4 (Métrique) TrAle®

**Pipe E235 (standard) - 6 mts**

Tubo rígido E235 (standard) - 6 mts

Rohr E235 (Standard) - 6m

Tube rigide E235 (standard) - 6 mts



Ø EXT. Ø OUTER	Ø INT. Ø INNER	Referencia Part n°	€/M
6	4	TH0060100	5,56
8	6	TH0080100	6,28
8	5	TH0080150	6,79
10	7	TH0100150	7,51
12	9	TH0120150	8,35
14	10	TH0140200	12,16
15	12	TH0150150	9,90
16	12	TH0160200	13,26
18	14	TH0180200	14,56
20	14	TH0200300	22,58
22	18	TH0220200	18,31
25	19	TH0250300	27,69
28	24	TH0280200	24,26
30	24	TH0300300	33,06
35	29	TH0350300	39,99
42	36	TH0420300	48,66

**Pipe E235 (standard) - 3 mts**

Tubo rígido E235 (standard) - 3 mts

Rohr E235 (Standard) - 3m

Tube rigide E235 (standard) - 3 mts



Ø EXT. Ø OUTER	Ø INT. Ø INNER	Referencia Part n°	€/M
6	4	TH0060100-3	5,84
8	6	TH0080100-3	6,59
8	5	TH0080150-3	7,13
10	7	TH0100150-3	7,88
12	9	TH0120150-3	8,76
14	10	TH0140200-3	12,77
15	12	TH0150150-3	10,40
16	12	TH0160200-3	13,93
18	14	TH0180200-3	15,29
20	14	TH0200300-3	23,71
22	18	TH0220200-3	19,23
25	19	TH0250300-3	29,08
28	24	TH0280200-3	25,48
30	24	TH0300300-3	34,72
35	29	TH0350300-3	41,99
42	36	TH0420300-3	51,09

**Pipe E235 (Chrome III) - 6 mts**

Tubo rígido E235 (Cromo III) - 6 mts

Rohr E235 (Chrom III) - 6m

Tube rigide E235 (Chrome III) - 6 mts



Ø EXT. Ø OUTER	Ø INT. Ø INNER	Referencia Part n°	€/M
6	4	THZ060100	6,41
8	6	THZ080100	7,51
8	5	THZ080150	7,83
10	7	THZ100150	9,06
12	9	THZ120150	9,96
12	8	THZ120200	12,55
14	10	THZ140200	14,04
15	12	THZ150150	12,10
15	11	THZ150200	16,24
16	12	THZ160200	15,46
18	15	THZ180150	15,01
18	14	THZ180200	17,34
20	14	THZ200300	25,43
22	18	THZ220200	21,61
25	19	THZ250300	32,16
28	24	THZ280200	29,18
30	22	THZ300400	49,18
35	29	THZ350300	46,26
38	30	THZ380400	66,13
42	36	THZ420300	58,56

**Pipe E235 (Chrome III) - 3 mts**

Tubo rígido E235 (Cromo III) - 3 mts

Rohr E235 (Chrom III) - 3m

Tube rigide E235 (Chrome III) - 3 mts

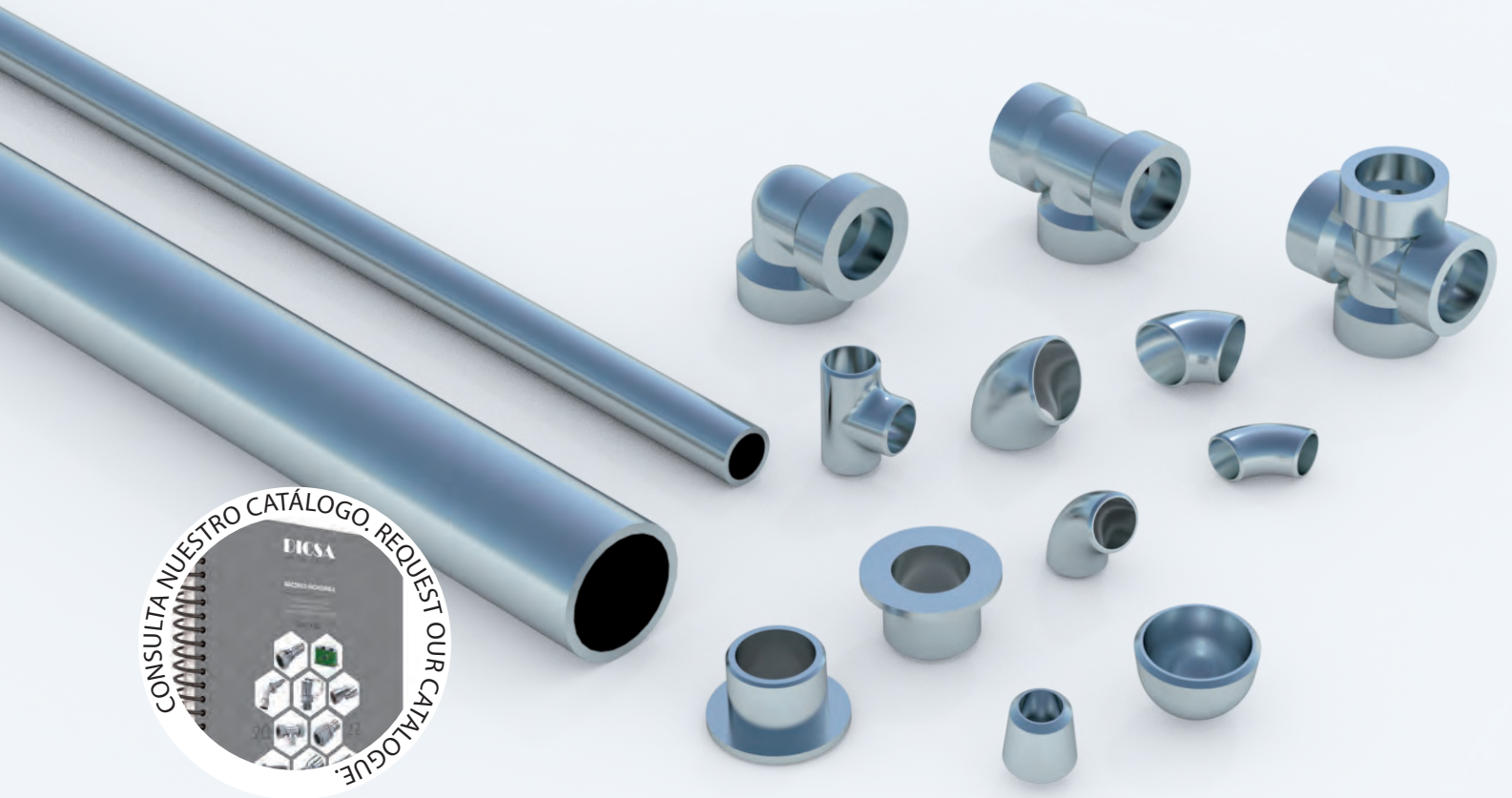


Ø EXT. Ø OUTER	Ø INT. Ø INNER	Referencia Part n°	€/M
6	4	THZ060100-3	6,73
8	6	THZ080100-3	7,88
8	5	THZ080150-3	8,22
10	7	THZ100150-3	9,51
12	9	THZ120150-3	10,46
12	8	THZ120200-3	13,18
14	10	THZ140200-3	14,74
15	12	THZ150150-3	12,70
15	11	THZ150200-3	17,05
16	12	THZ160200-3	16,24
18	15	THZ180150-3	15,76
18	14	THZ180200-3	18,21
20	14	THZ200300-3	26,70
22	18	THZ220200-3	22,69
25	19	THZ250300-3	33,77
28	24	THZ280200-3	30,64
30	22	THZ300400-3	51,63
35	29	THZ350300-3	48,58
38	30	THZ380400-3	69,44
42	36	THZ420300-3	61,49

ACERO INOXIDABLE

# SCHEDULE

## TUBO + RACOR



# PIPE + FITTINGS

# SCHEDULE

STAINLESS STEEL

**DIN 2353 PIPE FITTINGS** | **226**

Racores DIN 2353  
Verschraubungen DIN 2353  
Raccords à bague DIN 2353

**JIC 37° FITTINGS** | **244**

Racores JIC 37°  
Verschraubungen JIC 37°  
Raccords JIC 37°

# 02

## **PIPE FITTINGS DIN 2353 / FLARE FITTINGS JIC 37°**

Racores DIN 2353 / Racores JIC 37°  
Verschraubungen für Rohr DIN 2353/JIC-Verbindungen  
Raccords DIN 2353 / Adapteurs JIC 37°



## DIN 2353 PIPE FITTINGS

Racores DIN 2353  
Verschraubungen DIN 2353  
Raccords à bague DIN 2353

Nuts and cutting rings ▪ Tuercas y anillos ▪ Muttern und Schneidringe ▪ Écrou et bagues | 226



ML/MS

ACL/ACS

ACJL/ACJS

Straight couplings ▪ Uniones tubo-tubo ▪ Gerade Verschraubungen (G) ▪ Unions doubles | 228



DL/DS

DL/DS

EL/ES

TL/TS

KVL/KVS

Straight male stud couplings ▪ Uniones rectas tubo-rosca ▪ Gerade Einschraubversch. - EVGE ▪ Unions simples mâle | 230



AKL/AKS BSPT

AL RC

AL/AS BSP

AL/AS WD BSP

AKL/AKS NPT

AL/AS UNF

AL/AS WD METRICA

AKLL METRICA

RI-R WD

Male stud elbows ▪ Codos tubo-rosca ▪ Einschraubwinkel ▪ Coudes mâle gaz | 234



CKL/CKS BSPT

CKL/CKS METRICA

CKL/CKS NPT

Metric unions ▪ Uniones Métricas ▪ Reduzierschraubungen ▪ Unions Métriques | 235



KORL-TLM

KORS-TLM

Adjustable stud couplings ▪ Racores regulables ▪ Einstellbare Verschraubungen ▪ Raccords réglables | 236



EEL/EES-TLM

TEL/TES-TLM

STA FEL/FES TLM

LEL/LES-TLM

Adjustable straight stud ▪ Tubo roscado (hembra giratoria) ▪ Einstellbarer gerader Einschraubstutzen ▪ Tube fileté | 237



ATL/ATS

RAL/RAS-TLM METRICA

RAL/RAS-TLM BSP

Welding couplings ▪ Soldables ▪ Schweißarmaturen ▪ Raccords à souder | 238



ASL/ASS

ORIS

ESVL/ESVS

Bulkhead ▪ Pasatabiques ▪ Schottverschraubungen - SV ▪ Passe cloison | 239



SVL/SVS

USVL/USVS

TP L/S

## DIN 2353 PIPE FITTINGS

Racores DIN 2353  
Verschraubungen DIN 2353  
Raccords à bague DIN 2353

Straight female coupling ▪ Racor recto hembra ▪ Gerade Aufschraub-Versch. - GAI ▪ Raccord droit femelle | 240



GAIL/GAIS BSP GAIL/GAIS METRICA MAVL/MAVS BSP AM

Banjos ▪ Orientables ▪ Ringaugen ▪ Banjos | 241



WSVL/WSVS BSP WSVL/WSVS METRICA STA WEE

Plugs ▪ Tapones ▪ Kappen ▪ Bouchons | 242



BUTZEN L/S STA TML/TMS STOPFEN BSP STOPFEN METRICA

Non-return valves ▪ Válvulas antirretorno ▪ Rückschlagventile ▪ Clapet antiretour pour tube | 243



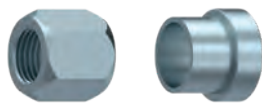
RHDL/RHDS RHVL/RHVS RHZL/RHZS

**JIC 37° FITTINGS**

Racores JIC 37°  
 Verschraubungen JIC 37°  
 Raccords JIC 37°

Nuts and Sleeves ▪ Tuercas y férulas JIC 37° ▪ Muttern und Druckringe ▪ Écrous et Férules JIC 37°

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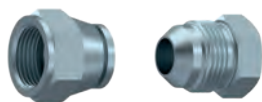


S110

S120

JIC 37° Plugs ▪ Tapones JIC 37° ▪ Stopfen JIC 37° ▪ Bouchons JIC 37°

| 244



S130

S140

JIC 37° Straight union ▪ Uniones rectas JIC 37° ▪ gerade JIC-Verschraubungen ▪ Unions droites JIC 37°

| 245



S260

S260

S730

S200

S230

S210

S220

S250

S240

JIC 37° Male-female unions ▪ Uniones macho-hembra JIC 37° ▪ JIC-Versch. m-w ▪ Unions mâle JIC 37° x femelle JIC 37°

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S180

S290

S280

S291

S150

S215

S740

JIC 37° Elbows ▪ Codos JIC 37° ▪ Winkel JIC 37° ▪ Coudes JIC 37°

| 248



S500

S650

S550

S525

S675

S595

S665

S690

JIC 37° Elbow ▪ Codos Orientables JIC 37° ▪ Winkel JIC 37° ▪ Adaptateur orientable coude JIC 37°

| 250



S600

S615

S575

S625

S775

JIC 37° Tees ▪ Tes JIC 37° ▪ T-Verschraubungen JIC 37° ▪ Tés JIC 37°

| 251



S505

S680

S685

S670

S681

S695

JIC 37° Adjustable Tees ▪ Tes orientable JIC 37° ▪ Einstellbare T-Versch. JIC 37° ▪ Tés orientables JIC 37°

| 252



S610

S585

S635

S605

S580

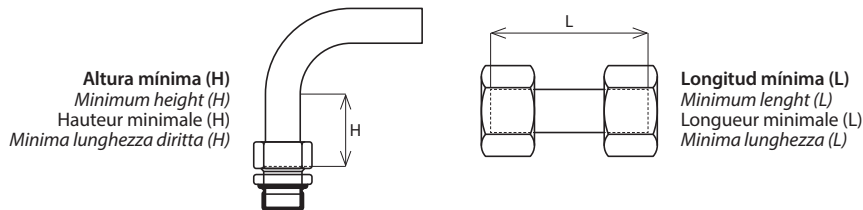
# JIC 37° FITTINGS

Racores JIC 37°  
Verschraubungen JIC 37°  
Raccords JIC 37°

- Instrucciones de montaje del racor DIN 2353 sobre el tubo rígido (se recomienda el uso de herramientas de premontaje)**  
*Assembly of the pipe fittings DIN 2353 in the rigid pipe (It is recommended to use pre-assembly tools)*  
Mode d'emploi de montage du raccord DIN 2353 sur le tube rigide (l'utilisation des outils de pré-montage est conseillée)  
Assemblaggio del raccordo ad anello DIN 2353 nel tubo rigido (è si consiglia l'uso degli utensili di premontaggio)

## A. Preparación del tubo

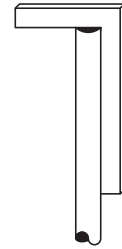
*Preparation of the tube*  
Préparation du tube  
Preparazione del tubo



**Altura mínima (H)**  
*Minimum height (H)*  
Hauteur minimale (H)  
Minima lunghezza diritta (H)

**Longitud mínima (L)**  
*Minimum length (L)*  
Longueur minimale (L)  
Minima lunghezza (L)

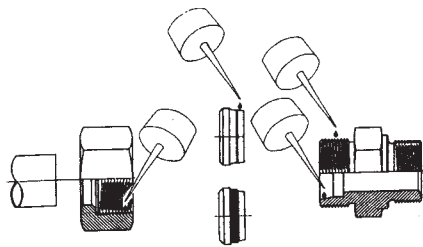
	Series / Series / Série / Serie		
	LL	L	S
<b>Ø exterior</b> <i>Ø outer</i> Ø extérieur Ø esterno	4-5-6-8	6-8-10-12-15-18-22-28-35-42	6-8-10-12-14-16-20-25-30-38
<b>H mínimo</b> <i>H minimum</i> H minimum H minimo	24-25-25-26	31-31-33-33-36-38-42-42-48-48	35-35-37-37-43-43-50-54-58-65
<b>L mínimo</b> <i>L minimum</i> L minimum L minimo	30-32-32-33	39-39-42-42-45-48-53-53-60-60	44-44-47-47-54-54-63-68-73-82



**Cortar el tubo a escuadra y eliminar rebabas.**  
*Rectangularly saw off the pipe and slightly deburr the tube ends inside and outside.*  
Couper le tube à angle droit sans bavure.  
Tagliare il tubo ad angolo retto ed eliminare i residui metallici.

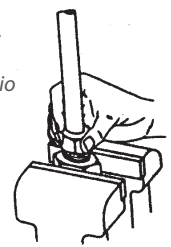
## B. Lubricar adecuadamente

*Lubricate suitably*  
Lubrifier convenablement  
Lubrificare convenientemente



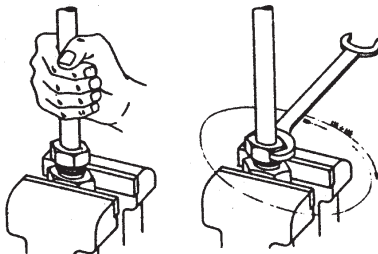
## C. Montaje

*Assembly*  
Montage  
Montaggio



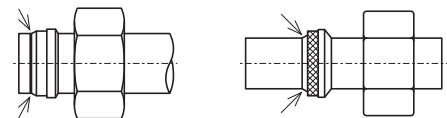
## D. Apriete

*Blocking*  
Blockage  
Bloccaggio



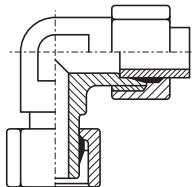
## E. Control

*Control*  
Control  
Controllo



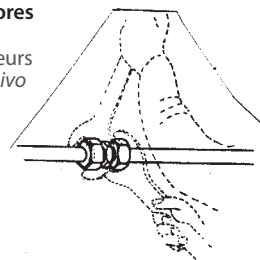
## F. Montaje final

*Final assembly*  
Montage final  
Montaggio finale



## G. Montajes posteriores

*Later assemblies*  
Montages posterieurs  
Montaggio successivo



**Nota sobre piezas premontadas (CTA): El montaje final se realizará apretando la tuerca al menos ½ vuelta más desde el punto a partir del cual se empieza a hacer más fuerza.**  
*For preassembled fittings (CTA), the final assembly is made tightening the nut at least ½ turn beyond the point of a noticeable increase in force.*  
Pour les pièces pré-assemblées (CTA), le montage final doit être fait en tournant au moins un ½ tour à partir du point où une résistance plus importante est appréciée.  
Per tutti i raccordi premontati (CTA), il premontaggio avviene con apposite attrezzature. Il montaggio finale si realizza serrando almeno ½ giro oltre il punto in cui si inizia ad avvertire chiaramente l'aumento della resistenza.



# DIN 2353 PIPE FITTINGS

Racores DIN 2353

Verschraubungen DIN 2353

Raccords à bague DIN 2353

## Nuts DIN 3870

Tuerca Métrica DIN 3870

Mutter metr. - M DIN 3870

Écrou Métrique DIN 3870



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
4	LL	M8x1	MLL 4 M 8X1	0,36
6	LL	M10x1	MLL 6 M 10X1	0,37
8	LL	M12x1	MLL 8 M 12X1	0,42
6	L	M12x1,5	ML 6 M 12X1.5	0,36
8	L	M14x1,5	ML 8 M 14X1.5	0,36
10	L	M16x1,5	ML 10 M 16X1.5	0,43
12	L	M18x1,5	ML 12 M 18X1.5	0,53
15	L	M22x1,5	ML 15 M 22X1.5	0,91
18	L	M26x1,5	ML 18 M 26X1.5	1,41
22	L	M30x2	ML 22 M 30X2	1,84
28	L	M36x2	ML 28 M 36X2	3,02
35	L	M45x2	ML 35 M 45X2	5,17
42	L	M52x2	ML 42 M 52X2	7,10
6	S	M14x1,5	MS 6 M 14X1.5	0,46
8	S	M16x1,5	MS 8 M 16X1.5	0,44
10	S	M18x1,5	MS 10 M 18X1.5	0,63
12	S	M20x1,5	MS 12 M 20X1.5	0,73
14	S	M22x1,5	MS 14 M 22X1.5	1,29
16	S	M24x1,5	MS 16 M 24X1.5	1,36
20	S	M30x2	MS 20 M 30X2	2,09
25	S	M36x2	MS 25 M 36X2	4,33
30	S	M42x2	MS 30 M 42X2	6,49
38	S	M52x2	MS 38 M 52X2	8,59

## Cutting ring with captive seal & o-ring

Anillos de corte con junta plana + tórica

Schneidring mit Flachdichtung + O-Ring

Bague Métrique avec écrou + o-ring



TUBO PIPE	SERIE SERIES	Referencia Part n°	€
6	L	ACJL 6	1,34
8	L	ACJL 8	1,47
10	L	ACJL 10	1,55
12	L	ACJL 12	1,73
15	L	ACJL 15	2,08
18	L	ACJL 18	2,67
22	L	ACJL 22	3,23
28	L	ACJL 28	4,38
35	L	ACJL 35	7,17
42	L	ACJL 42	8,25
6	S	ACJS 6	1,34
8	S	ACJS 8	1,59
10	S	ACJS 10	1,59
12	S	ACJS 12	1,89
14	S	ACJS 14	2,01
16	S	ACJS 16	2,44
20	S	ACJS 20	3,40
25	S	ACJS 25	4,49
30	S	ACJS 30	6,09
38	S	ACJS 38	8,69

## Cutting rings DIN 3861

Anillos de corte DIN 3861

Schneidringe DIN 3861

Bague Métrique DIN 3861



TUBO PIPE	SERIE SERIES	Referencia Part n°	€
4	LL	ACLL 4	0,29
6	LL	ACLL 6	0,30
8	LL	ACLL 8	0,36
6	L/S	ACL 6	0,40
8	L/S	ACL 8	0,42
10	L/S	ACL 10	0,54
12	L/S	ACL 12	0,56
15	L	ACL 15	0,60
18	L	ACL 18	0,87
22	L	ACL 22	0,98
28	L	ACL 28	1,25
35	L	ACL 35	1,33
42	L	ACL 42	2,50
14	S	ACS 14	0,74
16	S	ACS 16	0,87
20	S	ACS 20	0,98
25	S	ACS 25	1,25
30	S	ACS 30	1,52
38	S	ACS 38	1,95

**Ø FUGAS EN EQUIPAMIENTOS  
SOMETIDOS A ALTAS VIBRACIONES**



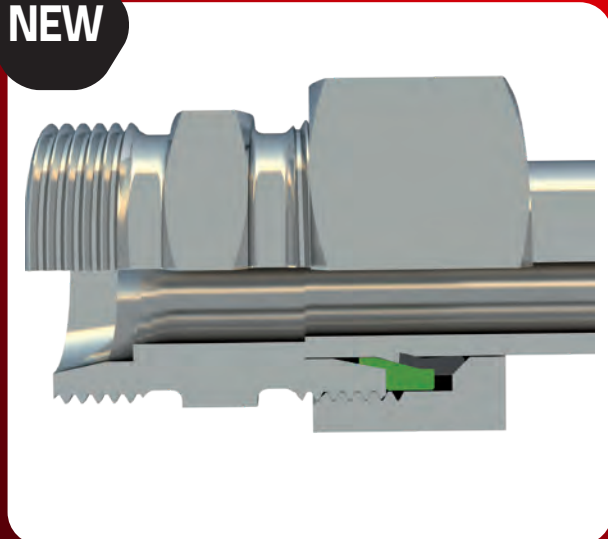
**Ø LEAKS IN EQUIPMENT  
SUBJECTED TO HIGH VIBRATIONS**



USOS MÁS EXIGENTES HIGH DEMANDING APPLICATIONS

**BAJO CONSULTA  
ON REQUEST**

**NEW**



- ‡ **Hasta una presión nominal (PN) de 800 bar**
- ‡ **Reducción de los pares de apriete en hasta 25%**
- ‡ **Un montaje aún más sencillo**
- ‡ **Sencillo manejo mediante tuerca funcional**

- ‡ **Pressure rating up to 800 bar (PN)**
- ‡ **Reduction of tightening torques up to 25%**
- ‡ **Easier assembly**
- ‡ **Simple handling through functional nut**

# DIN 2353 PIPE FITTINGS

Racores DIN 2353

Verschraubungen DIN 2353

Raccords à bague DIN 2353

## Straight coupling (pipe-pipe)

Unión recta tubo-tubo

Gerade Verschraubung (Rohr-Rohr)

Union droite (tuyau-tuyau)



## Straight reducing coupling (pipe-pipe)

Unión recta en reducción tubo-tubo

Gerade Reduzierschraubung Rohr-Rohr

Union double en réduction (tuyau-tuyau)



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia Part n°	€
4	LL	DLL 4	3,24	STA DLL 4	1,39
6	LL	DLL 6	3,22	STA DLL 6	1,34
8	LL	DLL 8	3,46	STA DLL 8	1,35
6	L	DL 6	3,02	STA DL 6	0,96
8	L	DL 8	3,36	STA DL 8	1,26
10	L	DL 10	3,76	STA DL 10	1,27
12	L	DL 12	4,00	STA DL 12	1,27
15	L	DL 15	5,80	STA DL 15	2,08
18	L	DL 18	7,69	STA DL 18	2,42
22	L	DL 22	10,46	STA DL 22	3,75
28	L	DL 28	15,15	STA DL 28	5,54
35	L	DL 35	24,22	STA DL 35	9,60
42	L	DL 42	37,23	STA DL 42	16,42
6	S	DS 6	3,56	STA DS 6	1,31
8	S	DS 8	4,10	STA DS 8	1,83
10	S	DS 10	4,79	STA DS 10	1,90
12	S	DS 12	5,21	STA DS 12	2,08
14	S	DS 14	7,38	STA DS 14	2,61
16	S	DS 16	7,90	STA DS 16	2,74
20	S	DS 20	12,07	STA DS 20	4,86
25	S	DS 25	20,21	STA DS 25	7,97
30	S	DS 30	28,61	STA DS 30	10,97
38	S	DS 38	41,79	STA DS 38	19,07

TUBO PIPE	TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia Part n°	€
8	6	L	DL 8-6	3,51	STA DL 8-6	1,43
10	6	L	DL 10-6	4,04	STA DL 10-6	1,76
10	8	L	DL 10-8	4,07	STA DL 10-8	1,78
12	8	L	DL 12-8	4,06	STA DL 12-8	1,65
12	10	L	DL 12-10	4,30	STA DL 12-10	1,69
15	10	L	DL 15-10	5,66	STA DL 15-10	2,55
15	12	L	DL 15-12	5,61	STA DL 15-12	2,39
18	12	L	DL 18-12	6,97	STA DL 18-12	2,97
18	15	L	DL 18-15	7,26	STA DL 18-15	2,76
22	15	L	DL 22-15	10,54	STA DL 22-15	5,33
22	18	L	DL 22-18	10,29	STA DL 22-18	4,30
28	22	L	DL 28-22	15,10	STA DL 28-22	6,94
35	22	L	DL 35-22	38,97	STA DL 35-22	28,30
35	28	L	DL 35-28	40,42	STA DL 35-28	28,30
8	6	S	DS 8-6	4,10	STA DS 8-6	1,85
10	6	S	DS 10-6	4,39	STA DS 10-6	1,82
10	8	S	DS 10-8	4,54	STA DS 10-8	1,96
12	6	S	DS 12-6	5,32	STA DS 12-6	2,62
12	8	S	DS 12-8	6,03	STA DS 12-8	3,34
12	10	S	DS 12-10	6,35	STA DS 12-10	3,34
14	10	S	DS 14-10	6,71	STA DS 14-10	2,88
14	12	S	DS 14-12	6,84	STA DS 14-12	2,90
16	12	S	DS 16-12	7,35	STA DS 16-12	3,21
16	14	S	DS 16-14	8,30	STA DS 16-14	3,33
20	12	S	DS 20-12	10,74	STA DS 20-12	5,57
20	16	S	DS 20-16	11,81	STA DS 20-16	5,63
25	16	S	DS 25-16	16,94	STA DS 25-16	8,24
25	20	S	DS 25-20	19,43	STA DS 25-20	9,71
30	20	S	DS 30-20	43,35	STA DS 30-20	30,93
30	25	S	DS 30-25	46,35	STA DS 30-25	31,42
38	30	S	DS 38-30	64,48	STA DS 38-30	44,30

# DIN 2353 PIPE FITTINGS

Racores DIN 2353

Verschraubungen DIN 2353

Raccords à bague DIN 2353

## Equal elbow coupling (pipe-pipe)

Unión en codo tubo-tubo

W-Adapter

Union en coude égal (tuyau-tuyau)



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia Part n°	€
4	LL	ELL 4	4,69	STA ELL 4	2,85
6	LL	ELL 6	4,73	STA ELL 6	2,85
8	LL	ELL 8	5,40	STA ELL 8	3,30
6	L	EL 6	5,65	STA EL 6	3,60
8	L	EL 8	5,69	STA EL 8	3,60
10	L	EL 10	6,00	STA EL 10	3,51
12	L	EL 12	6,72	STA EL 12	3,99
15	L	EL 15	9,70	STA EL 15	5,98
18	L	EL 18	12,99	STA EL 18	7,72
22	L	EL 22	16,05	STA EL 22	9,33
28	L	EL 28	26,62	STA EL 28	17,01
35	L	EL 35	45,38	STA EL 35	30,75
42	L	EL 42	59,21	STA EL 42	38,40
6	S	ES 6	6,51	STA ES 6	4,25
8	S	ES 8	6,08	STA ES 8	3,82
10	S	ES 10	8,54	STA ES 10	5,65
12	S	ES 12	7,89	STA ES 12	4,76
14	S	ES 14	11,77	STA ES 14	7,01
16	S	ES 16	12,21	STA ES 16	7,05
20	S	ES 20	16,54	STA ES 20	9,33
25	S	ES 25	23,92	STA ES 25	11,68
30	S	ES 30	50,56	STA ES 30	32,92
38	S	ES 38	57,12	STA ES 38	34,40

## Equal cross union (pipe-pipe-pipe-pipe)

Unión en cruz tubo-tubo

Gleichmäßiges Kreuzstück

Union en croix égale (tuyau-tuyau)



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia Part n°	€
6	L	KVL 6	*	STA KVL 6	9,82
8	L	KVL 8*	*	STA KVL 8	12,19
10	L	KVL 10	*	STA KVL 10	12,64
12	L	KVL 12	*	STA KVL 12	12,64
15	L	KVL 15	*	STA KVL 15	18,84
18	L	KVL 18	*	STA KVL 18	24,90
22	L	KVL 22	*	STA KVL 22	52,39
28	L	KVL 28	*	STA KVL 28	61,27
35	L	KVL 35	*	STA KVL 35	103,33
42	L	KVL 42	*	STA KVL 42	165,22
6	S	KVS 6	*	STA KVS 6	18,19
8	S	KVS 8	*	STA KVS 8	19,12
10	S	KVS 10	*	STA KVS 10	19,53
12	S	KVS 12	*	STA KVS 12	18,91
14	S	KVS 14	*	STA KVS 14	31,82
16	S	KVS 16	*	STA KVS 16	29,04
20	S	KVS 20	*	STA KVS 20	54,35
25	S	KVS 25	*	STA KVS 25	61,79
30	S	KVS 30	*	STA KVS 30	120,48
38	S	KVS 38	*	STA KVS 38	165,22

\*Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

## Equal Tee union (pipe-pipe-pipe)

Unión en te tubo-tubo

T-Stutzen

Union en Té égal (tuyau-tuyau)



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia Part n°	€
4	LL	TLL 4	7,08	STA TLL 4	4,32
6	LL	TLL 6	6,34	STA TLL 6	3,53
8	LL	TLL 8	7,43	STA TLL 8	4,27
6	L	TL 6	7,22	STA TL 6	4,14
8	L	TL 8	7,88	STA TL 8	4,74
10	L	TL 10	8,47	STA TL 10	4,73
12	L	TL 12	9,57	STA TL 12	5,47
15	L	TL 15	12,18	STA TL 15	6,60
18	L	TL 18	18,86	STA TL 18	10,96
22	L	TL 22	24,98	STA TL 22	14,91
28	L	TL 28	40,93	STA TL 28	26,51
35	L	TL 35	68,95	STA TL 35	47,02
42	L	TL 42	99,31	STA TL 42	68,09
6	S	TS 6	7,99	STA TS 6	4,61
8	S	TS 8	10,06	STA TS 8	6,67
10	S	TS 10	11,39	STA TS 10	7,06
12	S	TS 12	11,65	STA TS 12	6,95
14	S	TS 14	14,55	STA TS 14	7,40
16	S	TS 16	16,84	STA TS 16	9,10
20	S	TS 20	24,38	STA TS 20	13,56
25	S	TS 25	42,98	STA TS 25	24,63
30	S	TS 30	57,93	STA TS 30	31,47
38	S	TS 38	87,01	STA TS 38	52,94

# DIN 2353 PIPE FITTINGS

Racores DIN 2353

Verschraubungen DIN 2353

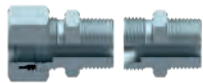
Raccords à bague DIN 2353

## Straight male stud coupling BSPT tapered

Racor recto rosca cónica BSPT

Gerade Einschraubversch. BSPT kon. - EVGE-BSP (KEG)

Union simple mâle conique

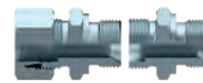


## Straight male stud coupling BSP cyl. 60°

Racor recto rosca cilíndrica BSP 60°

Gerade Einschraubversch. BSP 60° ZYL - EVGE-R

Union simple mâle gaz cylindrique 60°



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia Part n°	€
4	LL	1/8" BSPT	AKLL 4 R 1/8	2,01	STA AKLL 4 R 1/8	1,09
6	LL	1/8" BSPT	AKLL 6 R 1/8	2,03	STA AKLL 6 R 1/8	1,09
8	LL	1/8" BSPT	AKLL 8 R 1/8	2,17	STA AKLL 8 R 1/8	1,12
8	LL	1/4" BSPT	AKLL 8 R 1/4	2,24	STA AKLL 8 R 1/4	1,19
6	L	1/8" BSPT	AKL 6 R 1/8	2,17	STA AKL 6 R 1/8	1,14
6	L	1/4" BSPT	AKL 6 R 1/4	2,57	STA AKL 6 R 1/4	1,54
8	L	1/4" BSPT	AKL 8 R 1/4	2,63	STA AKL 8 R 1/4	1,58
10	L	1/4" BSPT	AKL 10 R 1/4	2,90	STA AKL 10 R 1/4	1,65
10	L	3/8" BSPT	AKL 10 R 3/8	3,14	STA AKL 10 R 3/8	1,89
12	L	1/4" BSPT	AKL 12 R 1/4	3,32	STA AKL 12 R 1/4	1,95
12	L	3/8" BSPT	AKL 12 R 3/8	3,36	STA AKL 12 R 3/8	1,99
12	L	1/2" BSPT	AKL 12 R 1/2	3,98	STA AKL 12 R 1/2	2,61
15	L	3/8" BSPT	AKL 15 R 3/8	3,90	STA AKL 15 R 3/8	2,04
15	L	1/2" BSPT	AKL 15 R 1/2	4,59	STA AKL 15 R 1/2	2,73
18	L	1/2" BSPT	AKL 18 R 1/2	5,83	STA AKL 18 R 1/2	3,19
22	L	3/4" BSPT	AKL 22 R 3/4	7,67	STA AKL 22 R 3/4	4,31
6	S	1/4" BSPT	AKS 6 R 1/4	2,77	STA AKS 6 R 1/4	1,64
8	S	1/4" BSPT	AKS 8 R 1/4	3,03	STA AKS 8 R 1/4	1,90
10	S	3/8" BSPT	AKS 10 R 3/8	3,23	STA AKS 10 R 3/8	1,78
12	S	3/8" BSPT	AKS 12 R 3/8	3,92	STA AKS 12 R 3/8	2,36
16	S	1/2" BSPT	AKS 16 R 1/2	6,53	STA AKS 16 R 1/2	3,95
20	S	3/4" BSPT	AKS 20 R 3/4	10,72	STA AKS 20 R 3/4	7,12

TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia Part n°	€
6	L	1/8" BSP	AL 6 RC 1/8	2,26	STA AL 6 RC 1/8	1,24
6	L	1/4" BSP	AL 6 RC 1/4	2,57	STA AL 6 RC 1/4	1,54
6	L	1/2" BSP	AL 6 RC 1/2	3,32	STA AL 6 RC 1/2	2,29
6	L	3/8" BSP	AL 6 RC 3/8	2,93	STA AL 6 RC 3/8	1,90
8	L	1/8" BSP	AL 8 RC 1/8	2,44	STA AL 8 RC 1/8	1,39
8	L	1/4" BSP	AL 8 RC 1/4	2,64	STA AL 8 RC 1/4	1,60
8	L	3/8" BSP	AL 8 RC 3/8	3,17	STA AL 8 RC 3/8	2,13
8	L	1/2" BSP	AL 8 RC 1/2	4,44	STA AL 8 RC 1/2	3,39
10	L	1/8" BSP	AL 10 RC 1/8	3,17	STA AL 10 RC 1/8	1,93
10	L	1/4" BSP	AL 10 RC 1/4	2,74	STA AL 10 RC 1/4	1,50
10	L	3/8" BSP	AL 10 RC 3/8	3,23	STA AL 10 RC 3/8	1,98
10	L	1/2" BSP	AL 10 RC 1/2	3,83	STA AL 10 RC 1/2	2,58
12	L	1/4" BSP	AL 12 RC 1/4	3,19	STA AL 12 RC 1/4	1,82
12	L	3/8" BSP	AL 12 RC 3/8	2,89	STA AL 12 RC 3/8	1,53
12	L	1/2" BSP	AL 12 RC 1/2	3,91	STA AL 12 RC 1/2	2,54
12	L	3/4" BSP	AL 12 RC 3/4	4,76	STA AL 12 RC 3/4	3,39
15	L	3/8" BSP	AL 15 RC 3/8	3,99	STA AL 15 RC 3/8	2,13
15	L	1/2" BSP	AL 15 RC 1/2	4,36	STA AL 15 RC 1/2	2,50
15	L	3/4" BSP	AL 15 RC 3/4	5,15	STA AL 15 RC 3/4	3,29
18	L	3/8" BSP	AL 18 RC 3/8	4,96	STA AL 18 RC 3/8	2,33
18	L	1/2" BSP	AL 18 RC 1/2	5,29	STA AL 18 RC 1/2	2,66
18	L	3/4" BSP	AL 18 RC 3/4	7,38	STA AL 18 RC 3/4	4,74
22	L	1/2" BSP	AL 22 RC 1/2	7,52	STA AL 22 RC 1/2	4,16
22	L	3/4" BSP	AL 22 RC 3/4	7,52	STA AL 22 RC 3/4	4,16
22	L	1" BSP	AL 22 RC 1	12,24	STA AL 22 RC 1	8,88
28	L	3/4" BSP	AL 28 RC 3/4	13,25	STA AL 28 RC 3/4	8,44
28	L	1" BSP	AL 28 RC 1	12,57	STA AL 28 RC 1	7,77
35	L	1" BSP	AL 35 RC 1	18,70	STA AL 35 RC 1	11,39
35	L	1 1/4" BSP	AL 35 RC 1 1/4	20,02	STA AL 35 RC 1 1/4	12,71
42	L	1 1/2" BSP	AL 42 RC 1 1/2	27,92	STA AL 42 RC 1 1/2	17,51
6	S	1/4" BSP	AS 6 RC 1/4	3,14	STA AS 6 RC 1/4	2,01
8	S	1/4" BSP	AS 8 RC 1/4	3,14	STA AS 8 RC 1/4	2,01
8	S	3/8" BSP	AS 8 RC 3/8	3,50	STA AS 8 RC 3/8	2,37
10	S	1/4" BSP	AS 10 RC 1/4	3,49	STA AS 10 RC 1/4	2,04
10	S	3/8" BSP	AS 10 RC 3/8	3,84	STA AS 10 RC 3/8	2,40
10	S	1/2" BSP	AS 10 RC 1/2	4,20	STA AS 10 RC 1/2	2,75
12	S	1/4" BSP	AS 12 RC 1/4	3,83	STA AS 12 RC 1/4	2,27
12	S	3/8" BSP	AS 12 RC 3/8	3,89	STA AS 12 RC 3/8	2,33
12	S	1/2" BSP	AS 12 RC 1/2	4,64	STA AS 12 RC 1/2	3,08
14	S	3/8" BSP	AS 14 RC 3/8	4,79	STA AS 14 RC 3/8	2,41
14	S	1/2" BSP	AS 14 RC 1/2	5,69	STA AS 14 RC 1/2	3,31
16	S	3/8" BSP	AS 16 RC 3/8	5,77	STA AS 16 RC 3/8	3,19
16	S	1/2" BSP	AS 16 RC 1/2	5,70	STA AS 16 RC 1/2	3,12
16	S	3/4" BSP	AS 16 RC 3/4	7,39	STA AS 16 RC 3/4	4,82
20	S	1/2" BSP	AS 20 RC 1/2	8,99	STA AS 20 RC 1/2	5,39
20	S	3/4" BSP	AS 20 RC 3/4	8,52	STA AS 20 RC 3/4	4,92
25	S	3/4" BSP	AS 25 RC 3/4	14,17	STA AS 25 RC 3/4	8,05
25	S	1" BSP	AS 25 RC 1	13,61	STA AS 25 RC 1	7,49
30	S	1" BSP	AS 30 RC 1	18,73	STA AS 30 RC 1	9,92
30	S	1 1/4" BSP	AS 30 RC 1 1/4	21,53	STA AS 30 RC 1 1/4	12,71
38	S	1 1/4" BSP	AS 38 RC 1 1/4	20,52	STA AS 38 RC 1 1/4	9,16
38	S	1 1/2" BSP	AS 38 RC 1 1/2	27,88	STA AS 38 RC 1 1/2	16,52

# DIN 2353 PIPE FITTINGS

Racores DIN 2353

Verschraubungen DIN 2353

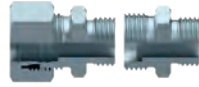
Raccords à bague DIN 2353

## Straight male stud coupling BSP cyl

Racor recto rosca cilíndrica BSP

Gerade Einschraubverschr. BSP ZYL - EVGE-R

Union simple mâle gaz cyl



PIPE TUBO	SERIES SERIE	THREAD ROSCA	Part n° Referencia	€	Part n° Referencia	€
6	S	1/4" BSP	AS 6 R 1/4	2,57	STA AS 6 R 1/4	1,58
8	S	1/4" BSP	AS 8 R 1/4	2,55	STA AS 8 R 1/4	1,50
8	S	3/8" BSP	AS 8 R 3/8	3,06	STA AS 8 R 3/8	2,00
14	S	3/8" BSP	AS 14 R 3/8	4,18	STA AS 14 R 3/8	2,03
30	S	1" BSP	AS 30 R 1	16,48	STA AS 30 R 1	8,38
38	S	1 1/2" BSP	AS 38 R 1 1/2	24,34	STA AS 38 R 1 1/2	13,97

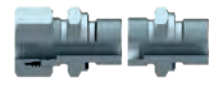
Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

## Straight male stud coupling with captive seal BSP cyl

Racor recto rosca cilíndrica BSP con junta

Gerade Einschraubverschr. mit Flachdichtung BSP ZYL - EVGE-R-ED

Union simple mâle gaz cyl avec joint plat



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia Part n°	€
6	L	1/8" BSP	AL 6 R 1/8 WD	2,42	STA AL 6 R 1/8 WD	1,39
6	L	1/4" BSP	AL 6 R 1/4 WD	3,10	STA AL 6 R 1/4 WD	2,07
6	L	3/8" BSP	AL 6 R 3/8 WD	3,30	STA AL 6 R 3/8 WD	2,27
8	L	1/8" BSP	AL 8 R 1/8 WD	2,57	STA AL 8 R 1/8 WD	1,52
8	L	1/4" BSP	AL 8 R 1/4 WD	2,77	STA AL 8 R 1/4 WD	1,72
8	L	3/8" BSP	AL 8 R 3/8 WD	3,07	STA AL 8 R 3/8 WD	2,02
8	L	1/2" BSP	AL 8 R 1/2 WD	5,00	STA AL 8 R 1/2 WD	3,96
10	L	1/8" BSP	AL 10 R 1/8 WD	3,38	STA AL 10 R 1/8 WD	2,14
10	L	1/4" BSP	AL 10 R 1/4 WD	2,72	STA AL 10 R 1/4 WD	1,47
10	L	3/8" BSP	AL 10 R 3/8 WD	3,26	STA AL 10 R 3/8 WD	2,02
10	L	1/2" BSP	AL 10 R 1/2 WD	4,19	STA AL 10 R 1/2 WD	2,94
12	L	1/4" BSP	AL 12 R 1/4 WD	3,10	STA AL 12 R 1/4 WD	1,74
12	L	3/8" BSP	AL 12 R 3/8 WD	3,05	STA AL 12 R 3/8 WD	1,69
12	L	1/2" BSP	AL 12 R 1/2 WD	4,21	STA AL 12 R 1/2 WD	2,84
12	L	3/4" BSP	AL 12 R 3/4 WD	6,85	STA AL 12 R 3/4 WD	5,48
15	L	3/8" BSP	AL 15 R 3/8 WD	4,45	STA AL 15 R 3/8 WD	2,59
15	L	1/2" BSP	AL 15 R 1/2 WD	4,76	STA AL 15 R 1/2 WD	2,89
15	L	3/4" BSP	AL 15 R 3/4 WD	6,84	STA AL 15 R 3/4 WD	4,98
18	L	3/8" BSP	AL 18 R 3/8 WD	6,29	STA AL 18 R 3/8 WD	3,66
18	L	1/2" BSP	AL 18 R 1/2 WD	5,66	STA AL 18 R 1/2 WD	3,03
18	L	3/4" BSP	AL 18 R 3/4 WD	6,89	STA AL 18 R 3/4 WD	4,25
22	L	1/2" BSP	AL 22 R 1/2 WD	7,60	STA AL 22 R 1/2 WD	4,24
22	L	3/4" BSP	AL 22 R 3/4 WD	7,66	STA AL 22 R 3/4 WD	4,30
22	L	1" BSP	AL 22 R 1 WD	11,33	STA AL 22 R 1 WD	7,97
28	L	3/4" BSP	AL 28 R 3/4 WD	12,64	STA AL 28 R 3/4 WD	7,84
28	L	1" BSP	AL 28 R 1 WD	12,96	STA AL 28 R 1 WD	8,15
35	L	1 1/4" BSP	AL 35 R 1 1/4 WD	21,44	STA AL 35 R 1 1/4 WD	14,13
42	L	1 1/2" BSP	AL 42 R 1 1/2 WD	31,12	STA AL 42 R 1 1/2 WD	20,71
6	S	1/4" BSP	AS 6 R 1/4 WD	3,35	STA AS 6 R 1/4 WD	2,22
8	S	1/4" BSP	AS 8 R 1/4 WD	3,39	STA AS 8 R 1/4 WD	2,26
8	S	3/8" BSP	AS 8 R 3/8 WD	3,93	STA AS 8 R 3/8 WD	2,80
10	S	1/4" BSP	AS 10 R 1/4 WD	3,78	STA AS 10 R 1/4 WD	2,34
10	S	3/8" BSP	AS 10 R 3/8 WD	4,23	STA AS 10 R 3/8 WD	2,78
10	S	1/2" BSP	AS 10 R 1/2 WD	4,24	STA AS 10 R 1/2 WD	2,80
12	S	1/4" BSP	AS 12 R 1/4 WD	4,08	STA AS 12 R 1/4 WD	2,52
12	S	3/8" BSP	AS 12 R 3/8 WD	3,91	STA AS 12 R 3/8 WD	2,35
12	S	1/2" BSP	AS 12 R 1/2 WD	4,87	STA AS 12 R 1/2 WD	3,30
14	S	3/4" BSP	AS 14 R 3/8 WD	5,62	STA AS 14 R 3/8 WD	3,23
14	S	1/2" BSP	AS 14 R 1/2 WD	5,96	STA AS 14 R 1/2 WD	3,58
16	S	3/8" BSP	AS 16 R 3/8 WD	5,89	STA AS 16 R 3/8 WD	3,31
16	S	1/2" BSP	AS 16 R 1/2 WD	5,76	STA AS 16 R 1/2 WD	3,19
16	S	3/4" BSP	AS 16 R 3/4 WD	5,97	STA AS 16 R 3/4 WD	3,39
20	S	1/2" BSP	AS 20 R 1/2 WD	9,76	STA AS 20 R 1/2 WD	6,16
20	S	3/4" BSP	AS 20 R 3/4 WD	8,41	STA AS 20 R 3/4 WD	4,80
25	S	3/4" BSP	AS 25 R 3/4 WD	15,38	STA AS 25 R 3/4 WD	9,26
25	S	1" BSP	AS 25 R 1 WD	14,72	STA AS 25 R 1 WD	8,60
30	S	1" BSP	AS 30 R 1 WD	22,04	STA AS 30 R 1 WD	13,22
30	S	1 1/4" BSP	AS 30 R 1 1/4 WD	24,80	STA AS 30 R 1 1/4 WD	15,98
38	S	1 1/4" BSP	AS 38 R 1 1/4 WD	28,05	STA AS 38 R 1 1/4 WD	16,69
38	S	1 1/2" BSP	AS 38 R 1 1/2 WD	35,53	STA AS 38 R 1 1/2 WD	24,17

# DIN 2353 PIPE FITTINGS

Racores DIN 2353

Verschraubungen DIN 2353

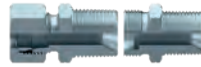
Raccords à bague DIN 2353

## Straight male stud coupling NPT

Racor recto rosca cónica NPT

Gerade Einschraubversch. NPT - EVGE-NPT

Union simple mâle NPT



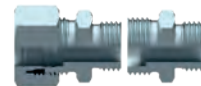
TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia Part n°	€
6	LL	1/8" NPT	AKLL 6 1/8 NPT	2,31	STA AKLL 6 1/8 NPT	1,37
8	LL	1/8" NPT	AKLL 8 1/8 NPT	2,71	STA AKLL 8 1/8 NPT	1,66
6	L	1/8" NPT	AKL 6 1/8 NPT	2,42	STA AKL 6 1/8 NPT	1,39
6	L	1/4" NPT	AKL 6 1/4 NPT	2,90	STA AKL 6 1/4 NPT	1,88
8	L	1/4" NPT	AKL 8 1/4 NPT	2,84	STA AKL 8 1/4 NPT	1,79
10	L	1/4" NPT	AKL 10 1/4 NPT	3,53	STA AKL 10 1/4 NPT	2,28
10	L	3/8" NPT	AKL 10 3/8 NPT	3,99	sta akll 10 3/8 npt	2,74
12	L	1/4" NPT	AKL 12 1/4 NPT	3,01	STA AKL 12 1/4 NPT	1,64
12	L	3/8" NPT	AKL 12 3/8 NPT	3,61	STA AKL 12 3/8 NPT	2,24
12	L	1/2" NPT	AKL 12 1/2 NPT	4,89	STA AKL 12 1/2 NPT	3,52
15	L	1/2" NPT	AKL 15 1/2 NPT	5,55	STA AKL 15 1/2 NPT	3,69
18	L	1/2" NPT	AKL 18 1/2 NPT	6,34	STA AKL 18 1/2 NPT	3,71
22	L	3/4" NPT	AKL 22 3/4 NPT	8,47	STA AKL 22 3/4 NPT	5,11
28	L	1" NPT	AKL 28 1 NPT	18,44	STA AKL 28 1 NPT	13,63
35	L	1" 1/4 NPT	AKL 35 1 1/4 NPT	36,65	STA AKL 35 1 1/4 NPT	29,34
42	L	1" 1/2 NPT	AKL 42 1 1/2 NPT	50,19	STA AKL 42 1 1/2 NPT	39,78
6	S	1/4" NPT	AKS 6 1/4 NPT	2,91	STA AKS 6 1/4 NPT	1,78
8	S	1/4" NPT	AKS 8 1/4 NPT	3,63	STA AKS 8 1/4 NPT	2,50
10	S	1/4" NPT	AKS 10 1/4 NPT	2,81	STA AKS 10 1/4 NPT	1,37
10	S	3/8" NPT	AKS 10 3/8 NPT	4,26	STA AKS 10 3/8 NPT	2,81
12	S	3/8" NPT	AKS 12 3/8 NPT	5,08	STA AKS 12 3/8 NPT	3,52
12	S	1/2" NPT	AKS 12 1/2 NPT	4,58	STA AKS 12 1/2 NPT	3,02
14	S	1/2" NPT	AKS 14 1/2 NPT	6,54	STA AKS 14 1/2 NPT	4,15
16	S	1/2" NPT	AKS 16 1/2 NPT	6,81	STA AKS 16 1/2 NPT	4,23
20	S	3/4" NPT	AKS 20 3/4 NPT	9,36	STA AKS 20 3/4 NPT	5,76
25	S	1" NPT	AKS 25 1 NPT	15,26	STA AKS 25 1 NPT	9,14
30	S	1" 1/4 NPT	AKS 30 1 1/4 NPT	40,17	STA AKS 30 1 1/4 NPT	31,35
38	S	1" 1/2 NPT	AKS 38 1 1/2 NPT	55,99	STA AKS 38 1 1/2 NPT	44,63

## Straight male stud coupling UNF

Racor recto rosca cilíndrica UNF

Gerade Einschraubversch. zyl. UNF

Union simple mâle UNF



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia Part n°	€
10	L	7/16" UNF	AL 10 7/16 UNF*	*	STA AL 10 7/16 UNF	2,72
12	L	3/4" UNF	AL 12 3/4 UNF*	*	STA AL 12 3/4 UNF	13,92
12	L	7/8" UNF	AL 12 7/8 UNF*	*	STA AL 12 7/8 UNF	4,13
15	L	3/4" UNF	AL 15 3/4 UNF*	*	STA AL 15 3/4 UNF	4,72
18	L	3/4" UNF	AL 18 3/4 UNF*	*	STA AL 18 3/4 UNF	4,12
18	L	7/8" UNF	AL 18 7/8 UNF*	*	STA AL 18 7/8 UNF	4,18
22	L	7/8" UNF	AL 22 7/8 UNF*	*	STA AL 22 7/8 UNF	19,41
22	L	1" 1/16 UNF	AL 22 1 1/16 UN	*	STA AL 22 1 1/16 UNF	19,84
22	L	1" 5/16 UNF	AL 22 1 5/16 UN	*	STA AL 22 1 5/16 UNF	24,31
28	L	1" 1/16 UNF	AL 28 1 1/16 UN	*	STA AL 28 1 1/16 UNF	24,59
28	L	1" 5/16 UNF	AL 28 1 5/16 UN	*	STA AL 28 1 5/16 UNF	24,71
35	L	1" 5/16 UNF	AL 35 1 5/16 UN	*	STA AL 35 1 5/16 UNF	31,95
35	L	1" 5/8 UNF	AL 35 1 5/8 UNF*	*	STA AL 35 1 5/8 UNF	36,43
8	S	7/16" UNF	AS 8 7/16 UNF*	*	STA AS 8 7/16 UNF	11,88
10	S	9/16" UNF	AS 10 9/16 UNF*	*	STA AS 10 9/16 UNF	12,84
12	S	9/16" UNF	AS 12 9/16 UNF*	*	STA AS 12 9/16 UNF	13,91
20	S	3/4" UNF	AS 20 3/4 UNF*	*	STA AS 20 3/4 UNF	19,98
20	S	7/8" UNF	AS 20 7/8 UNF*	*	STA AS 20 7/8 UNF	20,77
20	S	1" 1/16 UNF	AS 20 1 1/16 UN	*	STA AS 20 1 1/16 UNF	21,74
25	S	1" 5/16 UNF	AS 25 1 5/16 UNF*	*	STA AS 25 1 5/16 UNF	26,53

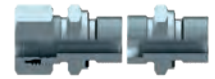
\*Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

## Straight male stud coupling with captive seal Metrical cyl

Racor recto rosca cilíndrica Métrica con junta

Gerade Einschraubversch. mit Flachdichtung metr. ZYL - EVGE-M-ED

Union simple mâle Métrique cyl + joint plat



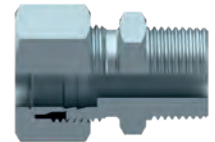
TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia Part n°	€
6	L	M10x1	AL 6 M 10X1 WD	2,73	STA AL 6 M 10X1 WD	1,70
8	L	M12x1,5	AL 8 M 12X1.5 WD	3,24	STA AL 8 M 12X1.5 WD	2,19
10	L	M14x1,5	AL 10 M 14X1.5 WD	3,20	STA AL 10 M 14X1.5 WD	1,95
10	L	M16x1,5	AL 10 M 16X1.5 WD	4,28	STA AL 10 M 16X1.5 WD	3,04
10	L	M18x1,5	AL 10 M 18X1.5 WD	5,18	STA AL 10 M 18X1.5 WD	3,93
10	L	M22x1,5	AL 10 M 22X1.5 WD	5,88	STA AL 10 M 22X1.5 WD	4,63
12	L	M16x1,5	AL 12 M 16X1.5 WD	3,80	STA AL 12 M 16X1.5 WD	2,44
12	L	M22x1,5	AL 12 M 22X1.5 WD	6,03	STA AL 12 M 22X1.5 WD	4,67
15	L	M18x1,5	AL 15 M 18X1.5 WD	5,50	STA AL 15 M 18X1.5 WD	3,64
15	L	M22x1,5	AL 15 M 22X1.5 WD	6,55	STA AL 15 M 22X1.5 WD	4,69
18	L	M18x1,5	AL 18 M 18X1.5 WD	14,87	STA AL 18 M 18X1.5 WD	12,24
18	L	M22x1,5	AL 18 M 22X1.5 WD	6,07	STA AL 18 M 22X1.5 WD	3,44
22	L	M26x1,5	AL 22 M 26X1.5 WD	10,60	STA AL 22 M 26X1.5 WD	7,24
28	L	M33x2	AL 28 M 33X2 WD	14,11	STA AL 28 M 33X2 WD	9,30
35	L	M42x2	AL 35 M 42X2 WD	26,47	STA AL 35 M 42X2 WD	19,16
42	L	M48x2	AL 42 M 48X2 WD	46,04	STA AL 42 M 48X2 WD	35,64
6	S	M12x1,5	AS 6 M 12X1.5 WD	2,81	STA AS 6 M 12X1.5 WD	1,68
10	S	M16x1,5	AS 10 M 16X1.5 WD	4,00	STA AS 10 M 16X1.5 WD	2,55
12	S	M18x1,5	AS 12 M 18X1.5 WD	5,46	STA AS 12 M 18X1.5 WD	3,90
14	S	M20x1,5	AS 14 M 20X1.5 WD	5,65	STA AS 14 M 20X1.5 WD	3,26
16	S	M22x1,5	AS 16 M 22X1.5 WD	7,67	STA AS 16 M 22X1.5 WD	5,09
25	S	M33x2	AS 25 M 33X2 WD	14,48	STA AS 25 M 33X2 WD	8,36
30	S	M42x2	AS 30 M 42X2 WD	23,65	STA AS 30 M 42X2 WD	14,83
38	S	M48x2	AS 38 M 48X2 WD	31,13	STA AS 38 M 48X2 WD	19,77

## Straight male stud coupling metrical tapered

Racor recto rosca cónica Métrica

Gerade Einschraubversch. metr. kon. - EVGE-M (KEG)

Union simple mâle métrique type A



TUBO PIPE	ROSCA THREAD	SERIE SERIES	Referencia Part n°	€
4	M 8x1	LL	AKLL 4 M 8X1	2,69
6	M 10x1	LL	AKLL 6 M 10X1	2,74
8	M 10x1	LL	AKLL 8 M 10X1	2,91

# DIN 2353 PIPE FITTINGS

Racores DIN 2353

Verschraubungen DIN 2353

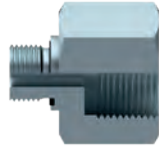
Raccords à bague DIN 2353

## Male-female reducing adaptor BSP cyl with captive seal

Reducción con rosca M-HF BSP con junta

Reduzierstück m - w fest BSP zyl. mit Dichtung

Réduction mâle gaz-femelle gaz avec joint plat



ROSCA (M) THREAD (M)	ROSCA (H) THREAD (F)	Referencia Part n°	€
1/8" BSP	1/4" BSP	RI-R 1/8 R 1/4WD	2,52
1/8" BSP	3/8" BSP	RI-R 1/8 R 3/8WD	3,66
1/4" BSP	1/8" BSP	RI-R 1/4 R 1/8WD	2,47
1/4" BSP	3/8" BSP	RI-R 1/4 R 3/8WD	3,89
1/4" BSP	1/2" BSP	RI-R 1/4 R 1/2 WD	6,63
1/4" BSP	3/4" BSP	RI-R 1/4 R 3/4 WD	17,43
3/8" BSP	1/8" BSP	RI-R 3/8 R 1/8WD	2,68
3/8" BSP	1/4" BSP	RI-R 3/8 R 1/4 WD	3,36
3/8" BSP	1/2" BSP	RI-R 3/8 R 1/2WD	6,70
3/8" BSP	3/4" BSP	RI-R 3/8 R 3/4WD	9,81
1/2" BSP	1/8" BSP	RI-R 1/2 R 1/8WD	3,95
1/2" BSP	1/4" BSP	RI-R 1/2 R 1/4WD	3,89
1/2" BSP	3/8" BSP	RI-R 1/2 R 3/8WD	4,81
1/2" BSP	3/4" BSP	RI-R 1/2 R 3/4WD	10,08
1/2" BSP	1" BSP	RI-R 1/2 R 1WD	12,42
1/2" BSP	1 1/4" BSP	RI-R 1/2 R 1 1/4WD	35,51
3/4" BSP	1/4" BSP	RI-R 3/4 R 1/4WD	6,13
3/4" BSP	3/8" BSP	RI-R 3/4 R 3/8WD	6,13
3/4" BSP	1/2" BSP	RI-R 3/4 R 1/2WD	7,54
3/4" BSP	1" BSP	RI-R 3/4 R 1WD	12,82
3/4" BSP	1 1/4" BSP	RI-R 3/4 R 1 1/4WD	23,81
3/4" BSP	1 1/2" BSP	RI-R 3/4 R 1 1/2WD	43,08
1" BSP	1/4" BSP	RI-R 1 R 1/4WD	10,01
1" BSP	3/8" BSP	RI-R 1 R 3/8WD	10,01
1" BSP	1/2" BSP	RI-R 1 R 1/2WD	10,01
1" BSP	3/4" BSP	RI-R 1 R 3/4WD	12,61
1" BSP	1 1/4" BSP	RI-R 1 R 1 1/4WD	24,76
1" BSP	1 1/2" BSP	RI-R 1 R 1 1/2WD	44,14
1 1/4" BSP	1/2" BSP	RI-R 1 1/4 R 1/2WD	15,86
1 1/4" BSP	3/4" BSP	RI-R 1 1/4 R 3/4WD	15,86
1 1/4" BSP	1" BSP	RI-R 1 1/4 R 1WD	20,40
1 1/4" BSP	1 1/2" BSP	RI-R 1 1/4 R 1 1/2WD	45,18
1 1/2" BSP	1/2" BSP	RI-R 1 1/2 R 1/2WD	19,60
1 1/2" BSP	3/4" BSP	RI-R 1 1/2 R 3/4WD	19,60
1 1/2" BSP	1" BSP	RI-R 1 1/2 R 1WD	19,60
1 1/2" BSP	1 1/4" BSP	RI-R 1 1/2 R 1 1/4WD	25,96



# DIN 2353 PIPE FITTINGS

Racores DIN 2353

Verschraubungen DIN 2353

Raccords à bague DIN 2353

## Male stud elbow BSPT conical

Racor en codo rosca cónica BSPT

W-Einschraubversch. BSPT kon.

Union coude mâle conique BSPT



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia Part n°	€
4	LL	1/8" BSPT	CKLL 4 R 1/8	4,48	STA CKLL 4 R 1/8	3,56
6	LL	1/8" BSPT	CKLL 6 R 1/8	4,24	STA CKLL 6 R 1/8	3,30
8	LL	1/8" BSPT	CKLL 8 R 1/8	5,06	STA CKLL 8 R 1/8	4,00
6	L	1/8" BSPT	CKL 6 R 1/8	4,29	STA CKL 6 R 1/8	3,27
6	L	1/4" BSPT	CKL 6 R 1/4	4,53	STA CKL 6 R 1/4	3,50
8	L	1/8" BSPT	CKL 8 R 1/8	5,45	STA CKL 8 R 1/8	4,41
8	L	1/4" BSPT	CKL 8 R 1/4	4,92	STA CKL 8 R 1/4	3,88
8	L	3/8" BSPT	CKL 8 R 3/8	7,27	STA CKL 8 R 3/8	6,22
10	L	1/4" BSPT	CKL 10 R 1/4	5,33	STA CKL 10 R 1/4	4,09
10	L	3/8" BSPT	CKL 10 R 3/8	5,33	STA CKL 10 R 3/8	4,09
10	L	1/2" BSPT	CKL 10 R 1/2	9,58	STA CKL 10 R 1/2	8,33
12	L	1/4" BSPT	CKL 12 R 1/4	5,53	STA CKL 12 R 1/4	4,16
12	L	3/8" BSPT	CKL 12 R 3/8	5,14	STA CKL 12 R 3/8	3,78
12	L	1/2" BSPT	CKL 12 R 1/2	7,82	STA CKL 12 R 1/2	6,45
15	L	3/8" BSPT	CKL 15 R 3/8	7,63	STA CKL 15 R 3/8	5,77
15	L	1/2" BSPT	CKL 15 R 1/2	8,32	STA CKL 15 R 1/2	6,46
18	L	1/2" BSPT	CKL 18 R 1/2	12,08	STA CKL 18 R 1/2	9,45
22	L	3/4" BSPT	CKL 22 R 3/4	15,19	STA CKL 22 R 3/4	11,83
28	L	1" BSPT	CKL 28 R 1	31,11	STA CKL 28 R 1	26,31
35	L	1 1/4" BSPT	CKL 35 R 1 1/4	48,08	STA CKL 35 R 1 1/4	40,77
42	L	1 1/2" BSPT	CKL 42 R 1 1/2	74,25	STA CKL 42 R 1 1/2	63,84
6	S	1/4" BSPT	CKS 6 R 1/4	5,94	STA CKS 6 R 1/4	4,82
8	S	1/4" BSPT	CKS 8 R 1/4	6,64	STA CKS 8 R 1/4	5,51
10	S	3/8" BSPT	CKS 10 R 3/8	7,69	STA CKS 10 R 3/8	6,25
12	S	3/8" BSPT	CKS 12 R 3/8	7,96	STA CKS 12 R 3/8	6,40
12	S	1/2" BSPT	CKS 12 R 1/2	7,54	STA CKS 12 R 1/2	5,98
14	S	1/2" BSPT	CKS 14 R 1/2	13,69	STA CKS 14 R 1/2	11,31
16	S	1/2" BSPT	CKS 16 R 1/2	10,38	STA CKS 16 R 1/2	7,80
20	S	3/4" BSPT	CKS 20 R 3/4	14,31	STA CKS 20 R 3/4	10,71
25	S	1" BSPT	CKS 25 R 1	22,94	STA CKS 25 R 1	16,82
30	S	1 1/4" BSPT	CKS 30 R 1 1/4	71,46	STA CKS 30 R 1 1/4	62,64
38	S	1 1/2" BSPT	CKS 38 R 1 1/2	102,65	STA CKS 38 R 1 1/2	91,29

## Male stud elbow Metrical conical

Racor en codo rosca cónica Métrica

W-Einschraubversch. metr. kon.

Union coude mâle conique Métrique



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia Part n°	€
4	LL	M8x1	CKLL 4 M 8X1	4,06	STA CKLL 4 M 8X1	3,14
6	LL	M10x1	CKLL 6 M 10X1	4,35	STA CKLL 6 M 10X1	3,41
8	LL	M10x1	CKLL 8 M 10X1	5,08	STA CKLL 8 M 10X1	4,02
6	L	M10x1	CKL 6 M 10X1	5,67	STA CKL 6 M 10X1	4,64
8	L	M12x1,5	CKL 8 M 12X1.5	7,64	STA CKL 8 M 12X1.5	*
10	L	M14x1,5	CKL 10 M 14X1.5	8,61	STA CKL 10 M 14X1.5	*
12	L	M16x1,5	CKL 12 M 16X1.5	8,33	STA CKL 12 M 16X1.5	6,96
15	L	M18x1,5	CKL 15 M 18X1.5	11,19	STA CKL 15 M 18X1.5	9,33
6	S	M12x1,5	CKS 6 M 12X1.5	29,63	STA CKS 6 M 12X1.5	28,50
8	S	M14x1,5	CKS 8 M 14X1.5	30,36	STA CKS 8 M 14X1.5	29,23
10	S	M16x1,5	CKS 10 M 16X1.5	8,47	STA CKS 10 M 16X1.5	7,02
14	S	M20x1,5	CKS 14 M 20X1.5	35,26	STA CKS 14 M 20X1.5	32,87
16	S	M22x1,5	CKS 16 M 22X1.5	40,15	STA CKS 16 M 22X1.5	37,57

## Male stud elbow NPTconical

Racor en codo rosca cónica NPT

W-Einschraubversch. NPT - WE-NPT kon

Union coude mâle gaz conique NPT



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia Part n°	€
6	LL	1/8" NPT	CKLL 6 1/8 NPT	4,22	STA CKLL 6 1/8 NPT	3,28
8	LL	1/8" NPT	CKLL 8 1/8 NPT*	7,55	STA CKLL 8 1/8 NPT	5,94
6	L	1/8" NPT	CKL 6 1/8 NPT	3,64	STA CKL 6 1/8 NPT	2,61
6	L	1/4" NPT	CKL 6 1/4 NPT	5,73	STA CKL 6 1/4 NPT	4,70
8	L	1/4" NPT	CKL 8 1/4 NPT	5,79	STA CKL 8 1/4 NPT	4,75
10	L	1/4" NPT	CKL 10 1/4 NPT	6,37	STA CKL 10 1/4 NPT	5,12
12	L	1/4" NPT	CKL 12 1/4 NPT	7,54	STA CKL 12 1/4 NPT	6,18
12	L	3/8" NPT	CKL 12 3/8 NPT	7,10	STA CKL 12 3/8 NPT	5,73
12	L	1/2" NPT	CKL 12 1/2 NPT	9,73	STA CKL 12 1/2 NPT	8,37
15	L	1/2" NPT	CKL 15 1/2 NPT	10,63	STA CKL 15 1/2 NPT	8,77
18	L	1/2" NPT	CKL 18 1/2 NPT	12,42	STA CKL 18 1/2 NPT	9,79
22	L	3/4" NPT	CKL 22 3/4 NPT	19,30	STA CKL 22 3/4 NPT	15,94
28	L	1" NPT	CKL 28 1 NPT	31,11	STA CKL 28 1 NPT	26,31
35	L	1 1/4" NPT	CKL 35 1 1/4 NPT	69,95	STA CKL 35 1 1/4 NPT	62,64
42	L	1 1/2" NPT	CKL 42 1 1/2 NPT	101,70	STA CKL 42 1 1/2 NPT	91,29
6	S	1/4" NPT	CKS 6 1/4 NPT	5,49	STA CKS 6 1/4 NPT	4,36
8	S	1/4" NPT	CKS 8 1/4 NPT	5,84	STA CKS 8 1/4 NPT	4,71
10	S	3/8" NPT	CKS 10 3/8 NPT	6,07	STA CKS 10 3/8 NPT	4,63
12	S	3/8" NPT	CKS 12 3/8 NPT	8,69	STA CKS 12 3/8 NPT	7,13
14	S	1/2" NPT	CKS 14 1/2 NPT	31,63	STA CKS 14 1/2 NPT	29,24
16	S	1/2" NPT	CKS 16 1/2 NPT	12,28	STA CKS 16 1/2 NPT	9,70
20	S	3/4" NPT	CKS 20 3/4 NPT	17,71	STA CKS 20 3/4 NPT	14,11
25	S	1" NPT	CKS 25 1 NPT	29,56	STA CKS 25 1 NPT	23,44
30	S	1 1/4" NPT	CKS 30 1 1/4 NPT	71,46	STA CKS 30 1 1/4 NPT	62,64
38	S	1 1/2" NPT	CKS 38 1 1/2 NPT	102,65	STA CKS 38 1 1/2 NPT	91,29

\*Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

# DIN 2353 PIPE FITTINGS

Racores DIN 2353

Verschraubungen DIN 2353

Raccords à bague DIN 2353

## Standpipe reducer swivel femelle (light series)

Racor de reducción TL Métrica (serie ligera)

Kegel-Reduziersch. (LEICHT)

Union simple femelle tournante Métrique (L)



TUBO PIPE	TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia Part n°	€
8	6	L	KORL 8-6TLM	4,96	STA KORL 8-6TLM	3,93
10	6	L	KORL 10-6TLM	5,56	STA KORL 10-6 TLM	4,53
10	8	L	KORL 10-8 TLM	4,80	STA KORL 10-8 TLM	3,76
12	6	L	KORL 12-6TLM	5,05	STA KORL 12-6 TLM	4,02
12	8	L	KORL 12-8TLM	3,33	STA KORL 12-8 TLM	2,28
12	10	L	KORL 12-10TLM	5,45	STA KORL 12-10 TLM	4,20
15	6	L	KORL 15-6TLM	13,73	STA KORL 15-6 TLM	12,70
15	8	L	KORL 15-8TLM	7,88	STA KORL 15-8 TLM	6,83
15	10	L	KORL 15-10TLM	6,66	STA KORL 15-10 TLM	5,42
15	12	L	KORL 15-12TLM	6,03	STA KORL 15-12 TLM	4,66
18	6	L	KORL 18-6TLM	20,49	STA KORL 18-6 TLM	19,47
18	8	L	KORL 18-8TLM	20,52	STA KORL 18-8 TLM	19,48
18	10	L	KORL 18-10TLM	7,64	STA KORL 18-10 TLM	6,40
18	12	L	KORL 18-12TLM	9,35	STA KORL 18-12 TLM	7,98
18	15	L	KORL 18-15TLM	11,26	STA KORL 18-15 TLM	9,40
22	6	L	KORL 22-6TLM*	18,01	STA KORL 22-6 TLM	16,98
22	10	L	KORL 22-10TLM	22,94	STA KORL 22-10 TLM	21,70
22	12	L	KORL 22-12TLM	13,12	STA KORL 22-12 TLM	11,75
22	15	L	KORL 22-15TLM	13,61	STA KORL 22-15 TLM	11,75
22	18	L	KORL 22-18TLM	15,55	STA KORL 22-18 TLM	12,92
28	6	L	KORL 28-6TLM*	*	STA KORL 28-6 TLM	*
28	12	L	KORL 28-12TLM	28,04	STA KORL 28-12 TLM	26,68
28	15	L	KORL 28-15TLM	18,13	STA KORL 28-15 TLM	16,27
28	18	L	KORL 28-18TLM	18,90	STA KORL 28-18 TLM	16,27
28	22	L	KORL 28-22TLM	15,51	STA KORL 28-22 TLM	12,15
35	15	L	KORL 35-15TLM	39,95	STA KORL 35-15 TLM	38,09
35	18	L	KORL 35-18TLM	40,72	STA KORL 35-18 TLM	38,09
35	22	L	KORL 35-22TLM	23,32	STA KORL 35-22 TLM	19,96
35	28	L	KORL 35-28TLM	33,77	STA KORL 35-28 TLM	28,96
42	18	L	KORL 42-18TLM	62,47	STA KORL 42-18 TLM	59,84
42	22	L	KORL 42-22TLM	63,89	STA KORL 42-22 TLM	60,54
42	28	L	KORL 42-28TLM	65,73	STA KORL 42-28 TLM	60,92
42	35	L	KORL 42-35TLM	36,84	STA KORL 42-35 TLM	29,53

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

## Standpipe reducer swivel femelle (heavy series)

Racor de reducción TL Métrica (serie pesada)

Kegel-Reduziersch. (SCHWER)

Union simple femelle tournante Métrique (S)



TUBO PIPE	TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia Part n°	€
6	8	S	KORS 8-6TLM	14,84	STA KORS 8-6 TLM	13,71
6	10	S	KORS 10-6TLM	16,15	STA KORS 10-6 TLM	15,02
8	10	S	KORS 10-8TLM	16,00	STA KORS 10-8 TLM	14,87
6	12	S	KORS 12-6TLM	16,40	STA KORS 12-6 TLM	15,27
8	12	S	KORS 12-8TLM	16,40	STA KORS 12-8 TLM	15,27
10	12	S	KORS 12-10TLM	7,94	STA KORS 12-10 TLM	6,50
6	14	S	KORS 14-6TLM	18,44	STA KORS 14-6 TLM	17,32
8	14	S	KORS 14-8TLM	18,46	STA KORS 14-8 TLM	17,33
10	14	S	KORS 14-10TLM	18,78	STA KORS 14-10 TLM	17,33
12	14	S	KORS 14-12TLM	7,53	STA KORS 14-12 TLM	5,97
8	16	S	KORS 16-8TLM	10,19	STA KORS 16-8 TLM	9,06
10	16	S	KORS 16-10TLM	21,45	STA KORS 16-10 TLM	20,00
12	16	S	KORS 16-12TLM	11,28	STA KORS 16-12 TLM	9,72
14	16	S	KORS 16-14TLM	23,35	STA KORS 16-14 TLM	20,97
6	20	S	KORS 20-6TLM	25,11	STA KORS 20-6 TLM	23,98
8	20	S	KORS 20-8TLM	25,11	STA KORS 20-8 TLM	23,98
10	20	S	KORS 20-10TLM	25,42	STA KORS 20-10 TLM	23,98
12	20	S	KORS 20-12TLM	15,01	STA KORS 20-12 TLM	13,44
14	20	S	KORS 20-14TLM	17,58	STA KORS 20-14 TLM	15,19
16	20	S	KORS 20-16TLM	14,00	STA KORS 20-16 TLM	11,42
6	25	S	KORS 25-6TLM	30,50	STA KORS 25-6 TLM	29,37
8	25	S	KORS 25-8TLM	30,50	STA KORS 25-8 TLM	29,37
10	25	S	KORS 25-10TLM	30,81	STA KORS 25-10 TLM	29,36
12	25	S	KORS 25-12TLM	18,98	STA KORS 25-12 TLM	17,42
14	25	S	KORS 25-14TLM	32,54	STA KORS 25-14 TLM	30,15
16	25	S	KORS 25-16TLM	14,51	STA KORS 25-16 TLM	11,93
20	25	S	KORS 25-20TLM	17,45	STA KORS 25-20 TLM	13,84
12	30	S	KORS 30-12TLM*	38,82	STA KORS 30-12 TLM	*
16	30	S	KORS 30-16TLM	39,55	STA KORS 30-16 TLM	*
20	30	S	KORS 30-20TLM	*	STA KORS 30-20 TLM	*
25	30	S	KORS 30-25TLM	43,41	STA KORS 30-25 TLM	*
16	38	S	KORS 38-16TLM*	57,87	STA KORS 38-16 TLM	*
20	38	S	KORS 38-20TLM	66,52	STA KORS 38-20 TLM	*
25	38	S	KORS 38-25TLM	87,19	STA KORS 38-25 TLM	*
30	38	S	KORS 38-30TLM	93,62	STA KORS 38-30 TLM	*

\*Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

TRALE PIPE

PIPE FITTINGS DIN 2353  
FLARE FITTINGS JIC 37°

SAE FLANGES

TRALE CLAMPS

MACHINES FOR  
PROCESSING RIGID PIPES

# DIN 2353 PIPE FITTINGS

Racores DIN 2353

Verschraubungen DIN 2353

Raccords à bague DIN 2353

## Adjustable stud elbow with o'ring

Racor en codo tubo-TL Métrica

W-Einschraubverschr. metr. mit Ü-Mutter

Coude orientable Métrique + o'ring



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia Part n°	€
6	L	M12x1,5	EEL 6 TLM	5,87	STA EEL 6 TLM	4,84
8	L	M14x1,5	EEL 8 TLM	6,96	STA EEL 8 TLM	5,92
10	L	M16x1,5	EEL 10 TLM	7,16	STA EEL 10 TLM	5,83
12	L	M18x1,5	EEL 12 TLM	6,56	STA EEL 12 TLM	5,19
15	L	M22x1,5	EEL 15 TLM	10,28	STA EEL 15 TLM	8,42
18	L	M26x1,5	EEL 18 TLM	13,03	STA EEL 18 TLM	10,40
22	L	M30x2	EEL 22 TLM	17,11	STA EEL 22 TLM	13,75
28	L	M36x2	EEL 28 TLM	26,06	STA EEL 28 TLM	21,25
35	L	M45x2	EEL 35 TLM	53,45	STA EEL 35 TLM	46,14
42	L	M52x2	EEL 42 TLM	85,47	STA EEL 42 TLM	75,07
6	S	M14x1,5	EES 6 TLM	7,15	STA EES 6 TLM	6,02
8	S	M16x1,5	EES 8 TLM	6,97	STA EES 8 TLM	5,84
10	S	M18x1,5	EES 10 TLM	7,93	STA EES 10 TLM	6,49
12	S	M20x1,5	EES 12 TLM	8,05	STA EES 12 TLM	6,49
14	S	M22x1,5	EES 14 TLM	11,38	STA EES 14 TLM	8,99
16	S	M24x1,5	EES 16 TLM	13,61	STA EES 16 TLM	11,03
20	S	M30x2	EES 20 TLM	17,88	STA EES 20 TLM	14,28
25	S	M36x2	EES 25 TLM	32,08	STA EES 25 TLM	25,96
30	S	M42x2	EES 30 TLM	50,43	STA EES 30 TLM	41,61
38	S	M52x2	EES 38 TLM	86,42	STA EES 38 TLM	75,06

## Adjustable stud 45 elbow with o'ring

Racor en codo 45 tubo-TL Métrica

W-Einschraubverschr. 45 metr. mit Ü-Mutter

Coude 45 orientable Métrique + o'ring



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
6	L	M12X1.5	STA FEL 6 TLM	10,01
8	L	M14X1.5	STA FEL 8 TLM	10,19
10	L	M16X1.5	STA FEL 10 TLM	10,76
12	L	M18X1.5	STA FEL 12 TLM	10,85
15	L	M22X1.5	STA FEL 15 TLM	15,43
18	L	M26X1.5	STA FEL 18 TLM	21,60
22	L	M30X2	STA FEL 22 TLM	27,96
28	L	M36X2	STA FEL 28 TLM	44,52
35	L	M45X2	STA FEL 35 TLM	83,43
42	L	M52X2	STA FEL 42 TLM	93,25
6	S	M14X1.5	STA FES 6 TLM	10,19
8	S	M16X1.5	STA FES 8 TLM	11,04
10	S	M18X1.5	STA FES 10 TLM	11,32
12	S	M20X1.5	STA FES 12 TLM	15,43
14	S	M22X1.5	STA FES 14 TLM	16,18
16	S	M24X1.5	STA FES 16 TLM	21,98
20	S	M30X2	STA FES 20 TLM	29,18
25	S	M36X2	STA FES 25 TLM	46,30
30	S	M42X2	STA FES 30 TLM	83,89
38	S	M52X2	STA FES 38 TLM	94,37

## Adjustable stud branch TEE with o'ring

Racor en T tubo-TL Métrica

T-Einschraubverschr. metr. mit Ü-Mutter

Té Orientable Métrique + o'ring



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia Part n°	€
6	L	M12x1,5	TEL 6 TLM	8,99	STA TEL 6 TLM	6,93
8	L	M14x1,5	TEL 8 TLM	8,82	STA TEL 8 TLM	6,72
10	L	M16x1,5	TEL 10 TLM	9,37	STA TEL 10 TLM	6,88
12	L	M18x1,5	TEL 12 TLM	11,22	STA TEL 12 TLM	8,49
15	L	M22x1,5	TEL 15 TLM	13,20	STA TEL 15 TLM	9,48
18	L	M26x1,5	TEL 18 TLM	18,90	STA TEL 18 TLM	13,63
22	L	M30x2	TEL 22 TLM	29,33	STA TEL 22 TLM	22,61
28	L	M36x2	TEL 28 TLM	45,67	STA TEL 28 TLM	36,06
35	L	M45x2	TEL 35 TLM	59,02	STA TEL 35 TLM	44,40
42	L	M52x2	TEL 42 TLM	90,17	STA TEL 42 TLM	69,36
6	S	M14x1,5	TES 6 TLM	10,02	STA TES 6 TLM	7,76
8	S	M16x1,5	TES 8 TLM	10,65	STA TES 8 TLM	8,38
10	S	M18x1,5	TES 10 TLM	12,62	STA TES 10 TLM	9,74
12	S	M20x1,5	TES 12 TLM	13,69	STA TES 12 TLM	10,56
14	S	M22x1,5	TES 14 TLM	16,06	STA TES 14 TLM	11,29
16	S	M24x1,5	TES 16 TLM	20,15	STA TES 16 TLM	14,99
20	S	M30x2	TES 20 TLM	27,20	STA TES 20 TLM	19,99
25	S	M36x2	TES 25 TLM	51,76	STA TES 25 TLM	39,53
30	S	M42x2	TES 30 TLM	68,45	STA TES 30 TLM	50,81
38	S	M52x2	TES 38 TLM	121,20	STA TES 38 TLM	98,48

## Adjustable stud barrel L with o'ring

Racor en L tubo-TL Métrica

W-Einschraubverschr. metr. mit Ü-Mutter

L Orientable renversé Métrique + o'ring



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia Part n°	€
6	L	M12x1,5	LEL 6 TLM	8,87	STA LEL 6 TLM	6,82
8	L	M14x1,5	LEL 8 TLM	9,06	STA LEL 8 TLM	6,97
10	L	M16x1,5	LEL 10 TLM	9,74	STA LEL 10 TLM	7,25
12	L	M18x1,5	LEL 12 TLM	11,26	STA LEL 12 TLM	8,53
15	L	M22x1,5	LEL 15 TLM	14,72	STA LEL 15 TLM	11,00
18	L	M26x1,5	LEL 18 TLM	18,39	STA LEL 18 TLM	13,12
22	L	M30x2	LEL 22 TLM	26,81	STA LEL 22 TLM	20,10
28	L	M36x2	LEL 28 TLM	44,56	STA LEL 28 TLM	34,95
35	L	M45x2	LEL 35 TLM	57,46	STA LEL 35 TLM	42,84
42	L	M52x2	LEL 42 TLM	90,17	STA LEL 42 TLM	69,36
6	S	M14x1,5	LES 6 TLM	9,81	STA LES 6 TLM	7,56
8	S	M16x1,5	LES 8 TLM	10,17	STA LES 8 TLM	7,91
10	S	M18x1,5	LES 10 TLM	13,99	STA LES 10 TLM	11,10
12	S	M20x1,5	LES 12 TLM	15,01	STA LES 12 TLM	11,88
14	S	M22x1,5	LES 14 TLM	19,40	STA LES 14 TLM	14,64
16	S	M24x1,5	LES 16 TLM	19,68	STA LES 16 TLM	14,52
20	S	M30x2	LES 20 TLM	24,86	STA LES 20 TLM	17,65
25	S	M36x2	LES 25 TLM	46,31	STA LES 25 TLM	34,08
30	S	M42x2	LES 30 TLM	66,95	STA LES 30 TLM	49,31
38	S	M52x2	LES 38 TLM	108,76	STA LES 38 TLM	86,04

# DIN 2353 PIPE FITTINGS

Racores DIN 2353

Verschraubungen DIN 2353

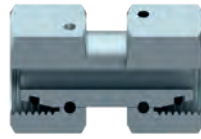
Raccords à bague DIN 2353

## Straight connection with o'ring

Racor unión TL-TL Métrica

Gerader Zwischenstutzen mit O-Ring

Union tournante Métrique égale



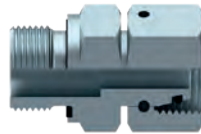
TUBO PIPE	SERIE SERIES	Referencia Part n°	€
6	L	ATL 6	11,05
8	L	ATL 8	5,06
10	L	ATL 10	5,77
12	L	ATL 12	6,86
15	L	ATL 15	8,86
18	L	ATL 18	11,20
22	L	ATL 22	22,57
28	L	ATL 28	27,64
35	L	ATL 35	42,09
42	L	ATL 42	67,06
6	S	ATS 6	11,62
8	S	ATS 8	12,78
10	S	ATS 10	14,18
12	S	ATS 12	15,31
14	S	ATS 14	17,58
16	S	ATS 16	10,85
20	S	ATS 20	23,81
25	S	ATS 25	31,02
30	S	ATS 30	46,11
38	S	ATS 38	69,67

## Straight stud metric standpipe adpt.w/captive seal-o'ring Met. cyl

Tubo roscado recto métrico TLM con junta

Ger. Einschraubstutzen metr. mit Drallmutter und Dichtung

Adapteur tube lisse x mâle met.a/écrou Met.+o'ring



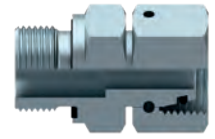
TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
6	L	M10X1	RAL 6 TLM M 10X1	13,51
8	L	M12X1.5	RAL 8 TLM M 12X1.5	14,96
10	L	M14X1.5	RAL 10 TLM M 14X1.5	16,76
12	L	M16X1.5	RAL 12 TLM M 16X1.5	18,99
15	L	M18X1.5	RAL 15 TLM M 18X1.5	20,31
18	L	M22X1.5	RAL 18 TLM M 22X1.5	22,68
22	L	M26X1.5	RAL 22 TLM M 26X1.5	29,07
28	L	M33X2	RAL 28 TLM M 33X2	41,46
35	L	M42X2	RAL 35 TLM M 42X2	63,35
42	L	M48X2	RAL 42 TLM M 48X2	84,85
6	S	M12X1.5	RAS 6 TLM M 12X1.5	17,62
8	S	M14X1.5	RAS 8 TLM M 14X1.5	17,12
10	S	M16X1.5	RAS 10 TLM M 16X1.5	19,39
12	S	M18X1.5	RAS 12 TLM M 18X1.5	20,78
14	S	M20X1.5	RAS 14 TLM M 20X1.5	24,14
16	S	M22X1.5	RAS 16 TLM M 22X1.5	19,50
20	S	M27X2	RAS 20 TLM M 27X2	32,60
25	S	M33X2	RAS 25 TLM M 33X2	37,20
30	S	M42X2	RAS 30 TLM M 42X2	68,58
38	S	M48X2	RAS 38 TLM M 48X2	92,15

## Straight stud standpipe adpt. w/captive seal & o'ring BSP cyl

Tubo roscado recto BSP TLM con junta

Ger. Einschraubstutzen BSP mit Drallmutter und Dichtung

Adapteur tube lisse x mâle gaz a/écrou + o'ring



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
6	L	1/8"BSP	RAL 6 TLM R 1/8	3,21
8	L	1/4"BSP	RAL 8 TLM R 1/4	3,03
10	L	1/4"BSP	RAL 10 TLM R 1/4	4,61
10	L	3/8"BSP	NEW RAL 10 TLM R 3/8	4,89
12	L	1/4"BSP	NEW RAL 12 TLM R 1/4	6,22
12	L	3/8"BSP	RAL 12 TLM R 3/8	4,82
12	L	1/2"BSP	NEW RAL 12 TLM R 1/2	6,67
15	L	3/8"BSP	NEW RAL 15 TLM R 3/8	6,22
15	L	1/2"BSP	RAL 15 TLM R 1/2	6,07
18	L	1/2"BSP	RAL 18 TLM R 1/2	6,95
18	L	3/4"BSP	NEW RAL 18 TLM R 3/4	8,44
22	L	3/4"BSP	RAL 22 TLM R 3/4	7,58
28	L	1"BSP	RAL 28 TLM R 1	13,31
35	L	1"1/4BSP	RAL 35 TLM R 1 1/4	27,16
42	L	1"1/2 BSP	RAL 42 TLM R 1 1/2	33,52
6	S	1/4"BSP	RAS 6 TLM R 1/4	4,27
8	S	1/4"BSP	RAS 8 TLM R 1/4	5,09
10	S	3/8"BSP	RAS 10 TLM R 3/8	3,63
12	S	3/8"BSP	RAS 12 TLM R 3/8	4,87
14	S	1/2"BSP	RAS 14 TLM R 1/2	5,62
16	S	1/2"BSP	RAS 16 TLM R 1/2	6,40
20	S	3/4"BSP	RAS 20 TLM R 3/4	9,92
25	S	1"BSP	RAS 25 TLM R 1	17,15
30	S	1"1/4BSP	RAS 30 TLM R 1 1/4	26,94
38	S	1"1/2BSP	RAS 38 TLM R 1 1/2	44,98

TRALE PIPE

PIPE FITTINGS DIN 2353  
FLARE FITTINGS JIC 37°

SAE FLANGES

TRALE CLAMPS

MACHINES FOR  
PROCESSING RIGID PIPES

## DIN 2353 PIPE FITTINGS

Racores DIN 2353

Verschraubungen DIN 2353

Raccords à bague DIN 2353

### Welding straight coupling

Racor recto para soldar

Gerade Anschweiß-Versch. (GAV)

Mamelon hexagonal à souder Métrique (DIN 2353) équipé avec bague et écrou



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia Part n°	€
6	L	ASL 6	2,36	STA ASL 6	1,34
8	L	ASL 8	2,38	STA ASL 8	1,34
10	L	ASL 10	2,91	STA ASL 10	1,66
12	L	ASL 12	3,08	STA ASL 12	1,72
15	L	ASL 15	3,83	STA ASL 15	1,97
18	L	ASL 18	5,56	STA ASL 18	2,92
22	L	ASL 22	8,02	STA ASL 22	4,66
28	L	ASL 28	12,58	STA ASL 28	7,77
35	L	ASL 35	17,78	STA ASL 35	10,47
42	L	ASL 42	27,29	STA ASL 42	16,88
6	S	ASS 6	12,26	STA ASS 6	11,13
8	S	ASS 8	13,02	STA ASS 8	11,89
10	S	ASS 10	6,66	STA ASS 10	5,22
12	S	ASS 12	8,14	STA ASS 12	6,58
14	S	ASS 14	5,06	STA ASS 14	2,68
16	S	ASS 16	6,14	STA ASS 16	3,56
20	S	ASS 20	8,46	STA ASS 20	4,86
25	S	ASS 25	15,13	STA ASS 25	9,01
30	S	ASS 30	19,64	STA ASS 30	10,82
38	S	ASS 38	28,88	STA ASS 38	17,52

### Weldable bulkhead coupling

Racor pasatabique para soldar

Schweiß-Schottverschraubung (ESV)

Union double passe cloison Métrique à souder



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia Part n°	€
6	L	ESVL 6	7,20	STA ESVL 6	5,14
8	L	ESVL 8	8,29	STA ESVL 8	6,20
10	L	ESVL 10	10,50	STA ESVL 10	8,01
12	L	ESVL 12	11,26	STA ESVL 12	8,53
15	L	ESVL 15	15,74	STA ESVL 15	12,02
18	L	ESVL 18	38,25	STA ESVL 18	32,98
22	L	ESVL 22	28,05	STA ESVL 22	21,34
28	L	ESVL 28	45,47	STA ESVL 28	35,86
35	L	ESVL 35	57,24	STA ESVL 35	42,62
42	L	ESVL 42	93,19	STA ESVL 42	72,37
6	S	ESVS 6	7,91	STA ESVS 6	5,66
8	S	ESVS 8	18,48	STA ESVS 8	16,22
10	S	ESVS 10	11,49	STA ESVS 10	8,60
12	S	ESVS 12	32,14	STA ESVS 12	29,01
14	S	ESVS 14	19,19	STA ESVS 14	14,42
16	S	ESVS 16	38,74	STA ESVS 16	33,58
20	S	ESVS 20	41,44	STA ESVS 20	34,24
25	S	ESVS 25	46,04	STA ESVS 25	33,81
30	S	ESVS 30	70,37	STA ESVS 30	52,73
38	S	ESVS 38	89,30	STA ESVS 38	66,58

### Welding nipple

Boquilla para soldar

Schweißkegel (SK)

Collet cône Métrique (DIN 2353) à souder (BW) o'ring



TUBO PIPE	SERIE SERIES	Referencia Part n°	€
15X2.5	L	ORIL 15	4,72
18X2.5	L	ORIL 18	5,45
22X2.5	L	ORIL 22	5,77
28X3	L	ORIL 28	7,24
35X4	L	ORIL 35	8,62
42X3	L	ORIL 42	6,82
6X2	L/S	ORIS 6	1,37
8X2	L/S	ORIS 8	1,48
8X1.5	L/S	ORIS 8X1.5*	1,60
10X2	L/S	ORIS 10X2	1,73
12X2	L/S	ORIS 12	1,75
12X2.5	L/S	ORIS 12X2.5	1,99
14X2	L/S	ORIS 14X2*	3,90
14X3	S	ORIS 14X3	13,64
16X3	S	ORIS 16X3	2,80
20X2.5	S	ORIS 20X2.5	9,23
20X3	S	ORIS 20X3	9,23
20X4	S	ORIS 20X4	3,59
25X4	S	ORIS 25X4	4,88
30x4	S	ORIS 30X4	15,30
30x5	S	ORIS 30X5	6,86
38x5	S	ORIS 38X5	11,31

\*Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

# DIN 2353 PIPE FITTINGS

Racores DIN 2353

Verschraubungen DIN 2353

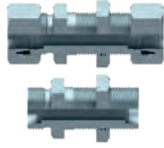
Raccords à bague DIN 2353

## Straight bulkhead coupling

Racor recto pasatabiques con tuerca

Gerade Schottverschraubung - GSV

Union double passe cloison



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia Part n°	€
6	L	SVL 6	4,65	STA SVL 6	2,60
8	L	SVL 8	5,30	STA SVL 8	3,20
10	L	SVL 10	6,15	STA SVL 10	3,66
12	L	SVL 12	7,48	STA SVL 12	4,74
15	L	SVL 15	9,75	STA SVL 15	6,03
18	L	SVL 18	14,07	STA SVL 18	8,80
22	L	SVL 22	18,03	STA SVL 22	11,32
28	L	SVL 28	27,36	STA SVL 28	17,75
35	L	SVL 35	45,13	STA SVL 35	30,51
42	L	SVL 42	58,99	STA SVL 42	38,18
6	S	SVS 6	6,54	STA SVS 6	4,29
8	S	SVS 8	6,95	STA SVS 8	4,69
10	S	SVS 10	8,24	STA SVS 10	5,35
12	S	SVS 12	9,33	STA SVS 12	6,20
14	S	SVS 14	13,62	STA SVS 14	8,86
16	S	SVS 16	14,00	STA SVS 16	8,84
20	S	SVS 20	21,40	STA SVS 20	14,18
25	S	SVS 25	35,29	STA SVS 25	23,06
30	S	SVS 30	48,11	STA SVS 30	30,47
38	S	SVS 38	112,36	STA SVS 38	89,64

## Metric nut bulkhead

Tuerca pasatabiques Métrica

Metr. Mutter Schottverschraubung

Ecrou passe cloison Métrique



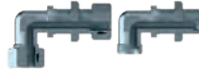
ROSCA THREAD	Referencia Part n°	€
M 12x1,5	TP 06 L	0,60
M 14x1,5	TP 08 L	0,77
M 16x1,5	TP 10 L	0,79
M 18x1,5	TP 12 L	0,94
M 22x1,5	TP 15 L	1,41
M 26x1,5	TP 18 L	2,12
M 30x2	TP 22 L	2,26
M 36x2	TP 28 L	2,82
M45x2	TP 35 L	3,02
M 52x2	TP 42 L	5,83
M 20x1,5	TP 12 S	1,10
M 24x1,5	TP 16 S	1,58
M 42x2	TP 30 S	3,02

## Elbow bulkhead coupling

Racor en codo pasatabiques con tuerca

W-Schottversch. - WSV

Coude égal passe cloison



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia Part n°	€
6	L	USVL 6	9,19	STA USVL 6	7,13
8	L	USVL 8	8,41	STA USVL 8	6,31
10	L	USVL 10	9,57	STA USVL 10	7,07
12	L	USVL 12	12,58	STA USVL 12	9,84
15	L	USVL 15	13,85	STA USVL 15	10,12
18	L	USVL 18	18,96	STA USVL 18	13,69
22	L	USVL 22	23,60	STA USVL 22	16,88
28	L	USVL 28	40,88	STA USVL 28	31,26
35	L	USVL 35	54,51	STA USVL 35	39,89
42	L	USVL 42	88,73	STA USVL 42	67,92
8	S	USVS 8	12,07	STA USVS 8	9,81
10	S	USVS 10	11,73	STA USVS 10	8,84
12	S	USVS 12	14,26	STA USVS 12	11,13
14	S	USVS 14	14,92	STA USVS 14	10,16
16	S	USVS 16	19,72	STA USVS 16	14,56
20	S	USVS 20	36,78	STA USVS 20	29,57
25	S	USVS 25	58,21	STA USVS 25	45,97
30	S	USVS 30	60,76	STA USVS 30	43,12
38	S	USVS 38	103,57	STA USVS 38	80,86

## DIN 2353 PIPE FITTINGS

Racores DIN 2353

Verschraubungen DIN 2353

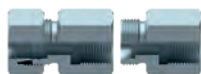
Raccords à bague DIN 2353

### Female stud coupling

Racor recto hembra rosca BSP

Gerade Aufschraub-Versch. BSP - GAI-R

Union simple femelle gaz



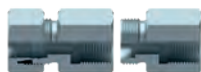
TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia Part n°	€
6	L	1/8" BSP	GAIL 6 R 1/8	3,05	STA GAIL 6 R 1/8	2,03
8	L	1/4" BSP	GAIL 8 R 1/4	3,18	STA GAIL 8 R 1/4	2,13
10	L	1/4" BSP	GAIL 10 R 1/4	3,57	STA GAIL 10 R 1/4	2,33
10	L	3/8" BSP	GAIL 10 R 3/8	3,87	STA GAIL 10 R 3/8	2,62
10	L	1/2" BSP	GAIL 10 R 1/2	5,80	STA GAIL 10 R 1/2	4,55
12	L	3/8" BSP	GAIL 12 R 3/8	3,97	STA GAIL 12 R 3/8	2,60
12	L	1/2" BSP	GAIL 12 R 1/2	4,82	STA GAIL 12 R 1/2	3,46
15	L	1/2" BSP	GAIL 15 R 1/2	5,10	STA GAIL 15 R 1/2	3,24
18	L	1/2" BSP	GAIL 18 R 1/2	6,06	STA GAIL 18 R 1/2	3,43
22	L	3/4" BSP	GAIL 22 R 3/4	8,80	STA GAIL 22 R 3/4	5,44
28	L	1" BSP	GAIL 28 R 1	13,70	STA GAIL 28 R 1	8,90
35	L	1 1/4" BSP	GAIL 35 R 1 1/4	51,48	STA GAIL 35 R 1 1/4	44,17
42	L	1 1/2" BSP	GAIL 42 R 1 1/2	63,20	STA GAIL 42 R 1 1/2	52,79
6	S	1/4" BSP	GAIS 6 R 1/4	3,74	STA GAIS 6 R 1/4	2,61
8	S	1/4" BSP	GAIS 8 R 1/4	3,91	STA GAIS 8 R 1/4	2,78
10	S	3/8" BSP	GAIS 10 R 3/8	5,40	STA GAIS 10 R 3/8	3,96
14	S	1/2" BSP	GAIS 14 R 1/2	6,38	STA GAIS 14 R 1/2	4,00
16	S	1/2" BSP	GAIS 16 R 1/2	6,76	STA GAIS 16 R 1/2	4,18
20	S	3/4" BSP	GAIS 20 R 3/4	10,82	STA GAIS 20 R 3/4	7,22
25	S	1" BSP	GAIS 25 R 1	16,00	STA GAIS 25 R 1	9,89
30	S	1 1/4" BSP	GAIS 30 R 1 1/4	54,43	STA GAIS 30 R 1 1/4	45,61
38	S	1 1/2" BSP	GAIS 38 R 1 1/2	72,71	STA GAIS 38 R 1 1/2	61,35

### Female stud coupling Metric cyl

Racor recto hembra rosca Métrica

Gerade Aufschraub-Versch. - GAI metr.

Union simple femelle Métrique



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia Part n°	€
6	L	M10x1	GAIL 6 M 10X1	11,41	STA GAIL 6 M 10X1	10,38
8	L	M12x1,5	GAIL 8 M 12X1.5	12,40	STA GAIL 8 M 12X1.5	11,35
10	L	M14X1.5	GAIL 10 M 14X1.5	13,48	STA GAIL 10 M 14X1.5	12,24
12	L	M16X1.5	GAIL 12 M 16X1.5	14,78	STA GAIL 12 M 16X1.5	13,41
15	L	M18X1.5	GAIL 15 M 18X1.5	16,63	STA GAIL 15 M 18X1.5	14,77
16	S	M22x1,5	GAIS 16 M 22X1.5	*	STA GAIS 16 M 22X1.5	18,43
18	L	M22X1.5	GAIL 18 M 22X1.5	20,85	STA GAIL 18 M 22X1.5	18,22
22	L	M26X1.5	GAIL 22 M 26X1.5	22,69	STA GAIL 22 M 26X1.5	19,33
6	S	M12x1,5	GAIS 6 M 12X1.5	12,54	STA GAIS 6 M 12X1.5	11,41
8	S	M14x1,5	GAIS 8 M 14X1.5	13,44	STA GAIS 8 M 14X1.5	12,31
10	S	M16X1.5	GAIS 10 M 16X1.5	14,92	STA GAIS 10 M 16X1.5	13,48
12	S	M18X1.5	GAIS 12 M 18X1.5	16,02	STA GAIS 12 M 18X1.5	14,46
14	S	M20X1.5	GAIS 14 M 20X1.5	18,09	STA GAIS 14 M 20X1.5	15,71
20	S	M27x2	GAIS 20 M 27X2	25,25	STA GAIS 20 M 27X2	21,64

### Gauge coupling BSP cyl

Racor para manómetro BSP

Manometer-Verschraubung BSP ZYL - MAV-BSP

Union pour manomètre gaz



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia Part n°	€
6	L	1/4" BSP	MAVL 6 R 1/4	3,21	STA MAVL 6 R 1/4	2,18
8	L	1/4" BSP	MAVL 8 R 1/4	3,23	STA MAVL 8 R 1/4	2,18
10	L	1/4" BSP	MAVL 10 R 1/4	3,42	STA MAVL 10 R 1/4	2,18
12	L	1/4" BSP	MAVL 12 R 1/4	3,46	STA MAVL 12 R 1/4	2,09
6	S	1/2" BSP	MAVS 6 R 1/2	10,76	---	*
8	S	1/2" BSP	MAVS 8 R 1/2	11,69	---	*
10	S	1/2" BSP	MAVS 10 R 1/2	11,14	---	*
12	S	1/2" BSP	MAVS 12 R 1/2	11,63	---	*

### Seal for gauge coupling

Arandela para manómetros

Dichtkanten-Ring für Manometer-Anschlüsse - DKI

Bague pour manomètres



ROSCA THREAD	Referencia Part n°	€
1/4" BSP	AM 1/4	0,69
1/2" BSP	AM 1/2	1,24

\*Consultar / On request / Sur demande / Su richiesta

# DIN 2353 PIPE FITTINGS

Racores DIN 2353

Verschraubungen DIN 2353

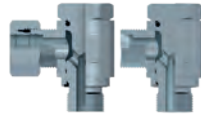
Raccords à bague DIN 2353

## Elbow banjo coupling with captive seal and o-ring BSP cyl

Racor en codo orientable sin estrangulador rosca BSP

Schwenkversch. mit Dichtkegel und O-Ring BSP ZYL

Equerre orientable sans étrangleur gaz BSP (passage total)



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia Part n°	€
6	LL	1/8" BSP	WSVLL 6 R 1/8	12,74	STA WSVLL 6 R 1/8	11,80
8	LL	1/8" BSP	WSVLL 8 R 1/8	12,85	STA WSVLL 8 R 1/8	11,80
6	L	1/8" BSP	WSVL 6 R 1/8	11,71	STA WSVL 6 R 1/8	10,68
8	L	1/4" BSP	WSVL 8 R 1/4	13,45	STA WSVL 8 R 1/4	12,41
10	L	1/4" BSP	WSVL 10 R 1/4	11,55	STA WSVL 10 R 1/4	10,30
12	L	1/4" BSP	WSVL 12 R 1/4	20,33	STA WSVL 12 R 1/4	18,96
12	L	3/8" BSP	WSVL 12 R 3/8	13,94	STA WSVL 12 R 3/8	12,57
15	L	1/2" BSP	WSVL 15 R 1/2	25,61	STA WSVL 15 R 1/2	23,75
18	L	1/2" BSP	WSVL 18 R 1/2	29,00	STA WSVL 18 R 1/2	26,37
22	L	3/4" BSP	WSVL 22 R 3/4	37,46	STA WSVL 22 R 3/4	34,10
28	L	1" BSP	WSVL 28 R 1	98,44	STA WSVL 28 R 1	93,63
35	L	1 1/4" BSP	WSVL 35 R 1 1/4	162,72	STA WSVL 35 R 1 1/4	155,41
42	L	1 1/2" BSP	WSVL 42 R 1 1/2	208,32	STA WSVL 42 R 1 1/2	197,91
6	S	1/4" BSP	WSVS 6 R 1/4	16,87	STA WSVS 6 R 1/4	15,74
8	S	1/4" BSP	WSVS 8 R 1/4	16,88	STA WSVS 8 R 1/4	15,75
10	S	3/8" BSP	WSVS 10 R 3/8	20,25	STA WSVS 10 R 3/8	18,80
12	S	3/8" BSP	WSVS 12 R 3/8	20,84	STA WSVS 12 R 3/8	19,28
14	S	1/2" BSP	WSVS 14 R 1/2	30,25	STA WSVS 14 R 1/2	27,86
16	S	1/2" BSP	WSVS 16 R 1/2	27,71	STA WSVS 16 R 1/2	25,13
20	S	3/4" BSP	WSVS 20 R 3/4	39,97	STA WSVS 20 R 3/4	36,37
25	S	1" BSP	WSVS 25 R 1	99,75	STA WSVS 25 R 1	93,63
30	S	1 1/4" BSP	WSVS 30 R 1 1/4	164,22	STA WSVS 30 R 1 1/4	155,41
38	S	1 1/2" BSP	WSVS 38 R 1 1/2	209,27	STA WSVS 38 R 1 1/2	197,91

## Elbow banjo coupling with captive seal and o'ring metric cyl

Racor en codo orientable sin estrangulador rosca Métrica

Schwenkversch. mit Dichtkegel und O-Ring metr. ZYL

Equerre orientable sans étrangleur métrique (passage total)



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia Part n°	€
6	LL	M10X1	WSVLL 6 M 10X1	14,28	STA WSVLL 6 M 10X1	13,34
8	LL	M10X1	WSVLL 8 M 10X1	14,40	STA WSVLL 8 M 10X1	13,34
6	L	M10X1	WSVL 6 M 10X1	14,37	STA WSVL 6 M 10X1	13,34
8	L	M12X1.5	WSVL 8 M 12X1.5	18,76	STA WSVL 8 M 12X1.5	17,72
10	L	M14X1.5	WSVL 10 M 14X1.5	18,96	STA WSVL 10 M 14X1.5	17,72
12	L	M16X1.5	WSVL 12 M 16X1.5	25,47	STA WSVL 12 M 16X1.5	24,10
15	L	M18X1.5	WSVL 15 M 18X1.5	32,44	STA WSVL 15 M 18X1.5	30,58
18	L	M22X1.5	WSVL 18 M 22X1.5	36,12	STA WSVL 18 M 22X1.5	33,49
22	L	M26X1.5	WSVL 22 M 26X1.5	63,64	STA WSVL 22 M 26X1.5	60,28
28	L	M33X2	WSVL 28 M 33X2	110,20	STA WSVL 28 M 33X2	105,40
42	L	M48X2	WSVL 42 M 48X2	233,06	STA WSVL 42 M 48X2	222,65
8	S	M14X1.5	WSVS 8 M 14X1.5	18,88	STA WSVS 8 M 14X1.5	17,75
10	S	M16X1.5	WSVS 10 M 16X1.5	25,57	STA WSVS 10 M 16X1.5	24,12
12	S	M18X1.5	WSVS 12 M 18X1.5	32,14	STA WSVS 12 M 18X1.5	30,58
16	S	M22X1.5	WSVS 16 M 22X1.5	36,07	STA WSVS 16 M 22X1.5	33,49
20	S	M27X2	WSVS 20 M 27X2	63,93	STA WSVS 20 M 27X2	60,32
30	S	M42X2	WSVS 30 M 42X2	183,64	STA WSVS 30 M 42X2	174,82
38	S	M48x2	WSVS 38 M 48X2	234,01	STA WSVS 38 M 48X2	222,65

## 90° Adjustable male stud elbow BSP - Metric

Racor en codo orientable BSP-Métrico

90° Einstellbare W-Versch. BSP - metr.

Coude réglable mâle BSP - Métrique



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
6	L	M12X1,5 1/8" BSP	STA WEE 6L R 1/8	7,99
8	L	M14X1,5 1/4" BSP	STA WEE 8L R 1/4	9,08
10	L	M16X1,5 1/4" BSP	STA WEE 10L R 1/4	9,08
12	L	M18X1,5 3/8" BSP	STA WEE 12L R 3/8	11,84
15	L	M22X1,5 1/2" BSP	STA WEE 15L R 1/2	15,62
18	L	M26X1,5 1/2" BSP	STA WEE 18L R 1/2	22,25
22	L	M30X2 3/4" BSP	STA WEE 22L R 3/4	24,30
16	S	M24X1,5 1/2" BSP	STA WEE 16S R 1/2	24,17
20	S	M30X2 3/4" BSP	STA WEE 20S R 3/4	24,30
25	S	M36X2 1" BSP	STA WEE 25S R 1	48,80

TRALE PIPE

PIPE FITTINGS DIN 2353  
FLARE FITTINGS JIC 37°

SAE FLANGES

TRALE CLAMPS

MACHINES FOR  
PROCESSING RIGID PIPES



## DIN 2353 PIPE FITTINGS

Racores DIN 2353

Verschraubungen DIN 2353

Raccords à bague DIN 2353

### Blanking plug with o'ring

Tapón de cierre para tubo

Verschlusskegel mit O-Ring

Bouchon de fermeture avec o'ring



TUBO PIPE	SERIE SERIES	Referencia Part n°	€
6	L/S	BUTZEN L 6	1,03
8	L/S	BUTZEN L 8	1,03
10	L/S	BUTZEN L 10	1,15
12	L/S	BUTZEN L 12	1,15
15	L	BUTZEN L 15	1,61
18	L	BUTZEN L 18	1,68
22	L	BUTZEN L 22	2,37
28	L	BUTZEN L 28	2,92
35	L	BUTZEN L 35	5,84
42	L	BUTZEN L 42	8,43
14	S	BUTZEN S 14	1,91
16	S	BUTZEN S 16	1,45
20	S	BUTZEN S 20	2,16
25	S	BUTZEN S 25	2,97
30	S	BUTZEN S 30	4,48
38	S	BUTZEN S 38	8,41

### 24° Metric Plug

Tapón macho métrico 24°

Met. 24° Verschlussstopfen

Bouchon mâle métrique 24°



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
6	L	12x1.5	STA TML 6	0,90
8	L	14x1.5	STA TML 8	1,08
10	L	16x1.5	STA TML 10	1,24
12	L	18x1.5	STA TML 12	1,38
15	L	22x1.5	STA TML 15	1,44
18	L	26x1.5	STA TML 18	2,21
22	L	30x2	STA TML 22	2,60
28	L	36x2	STA TML 28	4,26
35	L	45x2	STA TML 35	6,95
42	L	52x2	STA TML 42	38,27
6	S	14x1.5	STA TMS 6	1,22
8	S	16x1.5	STA TMS 8	2,09
10	S	18x1.5	STA TMS 10	1,30
12	S	20x1.5	STA TMS 12	1,61
14	S	22x1.5	STA TMS 14	2,98
16	S	24x1.5	STA TMS 16	2,09
20	S	30x2	STA TMS 20	3,46
25	S	36x2	STA TMS 25	5,64
30	S	42x2	STA TMS 30	8,58
38	S	52x2	STA TMS 38	12,19

### Blanking plug with captive seal BSP cyl

Tapón de cierre Allen rosca BSP con junta

Verschlussverschraubung Allen mit Dichtung BSP

Bouchon Allen gaz avec o'ring



ROSCA THREAD	Referencia Part n°	€
1/8" BSP	STOPFEN 1/8	0,91
1/4" BSP	STOPFEN 1/4	1,09
3/8" BSP	STOPFEN 3/8	1,30
1/2" BSP	STOPFEN 1/2	1,82
3/4" BSP	STOPFEN 3/4	2,56
1" BSP	STOPFEN 1	4,26
1"1/4 BSP	STOPFEN 1 1/4	9,04
1"1/2 BSP	STOPFEN 1 1/2	9,00
2" BSP	STOPFEN 2	20,24

### Blanking plug with captive seal Metric cyl

Tapón de cierre Allen rosca Métrica con junta

Verschlussverschraubung Allen mit Dichtung Metr.

Bouchon Allen Métrique avec o'ring



ROSCA THREAD	Referencia Part n°	€
M10X1	STOPFEN M 10X1	1,00
M12X1.5	STOPFEN M 12X1.5	1,27
M14X1.5	STOPFEN M 14X1.5	1,46
M16X1.5	STOPFEN M 16X1.5	1,50
M18X1.5	STOPFEN M 18X1.5	1,73
M20X1.5	STOPFEN M 20X1.5	2,47
M22X1.5	STOPFEN M 22X1.5	1,81
M26X1.5	STOPFEN M 26X1.5	2,76
M27X2	STOPFEN M 27X2	2,76
M33X2	STOPFEN M 33X2	4,20
M42X2	STOPFEN M 42X2	9,13
M48X2	STOPFEN M 48X2	11,33

# DIN 2353 PIPE FITTINGS

Racores DIN 2353

Verschraubungen DIN 2353

Raccords à bague DIN 2353

## Non-return valve tube-tube

Antirretorno tubo-tubo

Rückschlagventil Rohr-Rohr

Clapet antiretour bidirectional tube-tube



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia Part n°	€
6	L	RHDL 6	16,30	STA RHDL 6	14,25
8	L	RHDL 8	17,06	STA RHDL 8	14,97
10	L	RHDL 10	20,23	STA RHDL 10	17,74
12	L	RHDL 12	23,91	STA RHDL 12	21,18
15	L	RHDL 15	27,30	STA RHDL 15	23,58
18	L	RHDL 18	38,51	STA RHDL 18	33,24
22	L	RHDL 22	54,42	STA RHDL 22	47,70
28	L	RHDL 28	92,10	STA RHDL 28	82,49
35	L	RHDL 35	135,34	STA RHDL 35	120,72
42	L	RHDL 42	360,07	STA RHDL 42	339,26
6	S	RHDS 6	16,66	STA RHDS 6	14,40
8	S	RHDS 8	16,66	STA RHDS 8	14,40
10	S	RHDS 10	20,45	STA RHDS 10	17,56
12	S	RHDS 12	23,92	STA RHDS 12	20,80
14	S	RHDS 14	28,91	STA RHDS 14	24,14
16	S	RHDS 16	35,74	STA RHDS 16	30,58
20	S	RHDS 20	47,57	STA RHDS 20	40,36
25	S	RHDS 25	70,98	STA RHDS 25	58,75
30	S	RHDS 30	131,67	STA RHDS 30	114,04
38	S	RHDS 38	*	STA RHDS 38	*

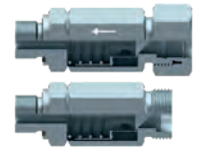
Setting 1 bar. For other standard spring pressures, consult us. / Taraje 1 bar. Para otras presiones de tarado estandard, consultar. / Einstellung-Druck 1 bar. Bitte kontaktieren Sie uns für andere Standard-Drucke. / Tarage 1 bar. Pour d'autres pressions ressort standard, consultez-nous.

## Non-return valve flow towards male stud end BSP cyl

Antirretorno tubo - rosca BSP

Rückschlagventil Rohr-BSP

Clapet antiretour unidir. à droite tube-mâle BSP



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia Part n°	€
6	L	1/8" BSP	RHZL 6 R 1/8	16,54	STA RHZL 6 R 1/8	14,48
8	L	1/4" BSP	RHZL 8 R 1/4	17,85	STA RHZL 8 R 1/4	15,76
10	L	1/4" BSP	RHZL 10 R 1/4	20,85	STA RHZL 10 R 1/4	18,36
12	L	3/8" BSP	RHZL 12 R 3/8	24,32	STA RHZL 12 R 3/8	21,58
15	L	1/2" BSP	RHZL 15 R 1/2	27,62	STA RHZL 15 R 1/2	23,90
18	L	1/2" BSP	RHZL 18 R 1/2	39,19	STA RHZL 18 R 1/2	33,92
22	L	3/4" BSP	RHZL 22 R 3/4	61,79	STA RHZL 22 R 3/4	55,07
28	L	1" BSP	RHZL 28 R 1	99,35	STA RHZL 28 R 1	89,74
35	L	1 1/4" BSP	RHZL 35 R 1 1/4	*	STA RHZL 35 R 1 1/4	*
42	L	1 1/2" BSP	RHZL 42 R 1 1/2	*	STA RHZL 42 R 1 1/2	*
6	S	1/4" BSP	RHZS 6 R 1/4	16,91	STA RHZS 6 R 1/4	14,66
8	S	1/4" BSP	RHZS 8 R 1/4	16,75	STA RHZS 8 R 1/4	14,49
10	S	3/8" BSP	RHZS 10 R 3/8	20,83	STA RHZS 10 R 3/8	17,95
12	S	3/8" BSP	RHZS 12 R 3/8	24,29	STA RHZS 12 R 3/8	21,16
14	S	1/2" BSP	RHZS 14 R 1/2	29,07	STA RHZS 14 R 1/2	24,30
16	S	1/2" BSP	RHZS 16 R 1/2	37,19	STA RHZS 16 R 1/2	32,03
20	S	3/4" BSP	RHZS 20 R 3/4	46,40	STA RHZS 20 R 3/4	39,19
25	S	1" BSP	RHZS 25 R 1	71,39	STA RHZS 25 R 1	59,15
30	S	1 1/4" BSP	RHZS 30 R 1 1/4	*	STA RHZS 30 R 1 1/4	*
38	S	1 1/2" BSP	RHZS 38 R 1 1/2	*	STA RHZS 38 R 1 1/2	*

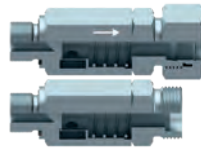
Setting 1 bar. For other standard spring pressures, consult us. / Taraje 1 bar. Para otras presiones de tarado estandard, consultar. / Einstellung-Druck 1 bar. Bitte kontaktieren Sie uns für andere Standard-Drucke. / Tarage 1 bar. Pour d'autres pressions ressort standard, consultez-nous.

## Non-return valve flow from male stud end BSP cyl

Antirretorno rosca BSP - tubo

Rückschlagventil BSP-Rohr

Clapet antiretour unidir. à gauche mâle BSP-tube



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia Part n°	€
6	L	1/8" BSP	RHVL 6 R 1/8	16,60	STA RHVL 6 R 1/8	14,55
8	L	1/4" BSP	RHVL 8 R 1/4	18,13	STA RHVL 8 R 1/4	16,04
10	L	1/4" BSP	RHVL 10 R 1/4	20,60	STA RHVL 10 R 1/4	18,11
12	L	3/8" BSP	RHVL 12 R 3/8	33,88	STA RHVL 12 R 3/8	31,14
15	L	1/2" BSP	RHVL 15 R 1/2	30,22	STA RHVL 15 R 1/2	26,50
18	L	1/2" BSP	RHVL 18 R 1/2	40,12	STA RHVL 18 R 1/2	34,85
22	L	3/4" BSP	RHVL 22 R 3/4	59,03	STA RHVL 22 R 3/4	52,31
28	L	1" BSP	RHVL 28 R 1	95,62	STA RHVL 28 R 1	86,01
35	L	1 1/4" BSP	RHVL 35 R 1 1/4	316,71	STA RHVL 35 R 1 1/4	302,08
42	L	1 1/2" BSP	RHVL 42 R 1 1/2	324,78	STA RHVL 42 R 1 1/2	303,96
6	S	1/4" BSP	RHVS 6 R 1/4	18,54	STA RHVS 6 R 1/4	16,28
8	S	1/4" BSP	RHVS 8 R 1/4	18,74	STA RHVS 8 R 1/4	16,47
10	S	3/8" BSP	RHVS 10 R 3/8	20,83	STA RHVS 10 R 3/8	17,95
12	S	3/8" BSP	RHVS 12 R 3/8	24,62	STA RHVS 12 R 3/8	21,49
14	S	1/2" BSP	RHVS 14 R 1/2	29,96	STA RHVS 14 R 1/2	25,19
16	S	1/2" BSP	RHVS 16 R 1/2	36,78	STA RHVS 16 R 1/2	31,62
20	S	3/4" BSP	RHVS 20 R 3/4	47,36	STA RHVS 20 R 3/4	40,15
25	S	1" BSP	RHVS 25 R 1	71,95	STA RHVS 25 R 1	59,71
30	S	1 1/4" BSP	RHVS 30 R 1 1/4	*	STA RHVS 30 R 1 1/4	*
38	S	1 1/2" BSP	RHVS 38 R 1 1/2	*	STA RHVS 38 R 1 1/2	*

Setting 1 bar. For other standard spring pressures, consult us. / Taraje 1 bar. Para otras presiones de tarado estandard, consultar. / Einstellung-Druck 1 bar. Bitte kontaktieren Sie uns für andere Standard-Drucke. / Tarage 1 bar. Pour d'autres pressions ressort standard, consultez-nous.

\*Consultar / On request / Sur demande / Su richiesta

**JIC 37° FITTINGS**

Racores JIC 37°  
Verschraubungen JIC 37°  
Raccords JIC 37°

**JIC 37° Nuts**

Tuercas JIC 37°

Muttern JIC 37° - M JIC

Écrous JIC 37°



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4	7/16" 20h UNF	<b>S11006</b> 0,65
8	5/16	1/2" 20h UNF	<b>S11008</b> 0,76
10	3/8	9/16" 18h UNF	<b>S11010</b> 0,83
12	1/2	3/4" 16h UNF	<b>S11012</b> 1,02
14-15-16	5/8	7/8" 14h UNF	<b>S11016</b> 1,81
18-20	-	1"1/16 12h UNF	<b>S11020</b> 3,10
-	3/4	1"1/16 12h UNF	<b>S11020W</b> 3,82
25	1	1"5/16 12h UNF	<b>S11025</b> 4,78
30-32	1 1/4	1"5/8 12h UNF	<b>S11032</b> 9,18
38	1 1/2	1"7/8 12h UNF	<b>S11038</b> 10,31
50	2	2" 1/2 12h UNF	<b>S11050</b> 18,48

**37° JIC Male plug**

Tapón macho JIC 37°

Verschlussstopfen JIC 37°

Bouchon mâle JIC 37°



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4	7/16" 20h UNF	<b>S14006</b> 1,26
8	5/16	1/2" 20h UNF	<b>S14008</b> 1,00
10	3/8	9/16" 18h UNF	<b>S14010</b> 1,62
12	1/2	3/4" 16h UNF	<b>S14012</b> 1,92
14-15-16	5/8	7/8" 14h UNF	<b>S14016</b> 2,20
18-20	3/4	1"1/16 12h UNF	<b>S14020</b> 3,65
25	1	1"5/16 12h UNF	<b>S14025</b> 5,63
30-32	1 1/4	1"5/8 12h UNF	<b>S14032</b> 9,72
38	1 1/2	1"7/8 12h UNF	<b>S14038</b> 23,12

**JIC 37° sleeves Metric tube**

Férulas JIC 37° (Tubo Métrico)

Druckring (Stützring) metr.

Férules JIC 37° pour tube Métrique



TUBO PIPE	Referencia Part n°	€
6	<b>S12006</b>	0,67
8	<b>S12008</b>	0,73
10	<b>S12010</b>	0,62
12	<b>S12012</b>	0,68
14	<b>S12014</b>	1,23
15	<b>S12015</b>	1,20
16	<b>S12016</b>	1,00
18	<b>S12018</b>	1,71
20	<b>S12020</b>	1,71
25	<b>S12025</b>	2,60
30	<b>S12030</b>	6,65
32	<b>S12032</b>	6,47
38	<b>S12038</b>	10,58

**37° JIC Cap**

Tapón hembra JIC 37°

Verschlussmutter JIC 37°

Obturbateur femelle JIC 37° pour raccord



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4	7/16" 20h UNF	<b>S13006</b> 1,52
8	5/16	1/2" 20h UNF	<b>S13008</b> 0,90
10	3/8	9/16" 18h UNF	<b>S13010</b> 1,82
12	1/2	3/4" 16h UNF	<b>S13012</b> 3,16
14-15-16	5/8	7/8" 14h UNF	<b>S13016</b> 4,64
18-20	3/4	1"1/16 12h UNF	<b>S13020</b> 3,37
25	1	1"5/16 12h UNF	<b>S13025</b> 10,04
30-32	1 1/4	1"5/8 12h UNF	<b>S13032</b> 17,02
38	1 1/2	1"7/8 12h UNF	<b>S13038</b> 36,63

## JIC 37° FITTINGS

Racores JIC 37°  
Verschraubungen JIC 37°  
Raccords JIC 37°

### Straight union JIC 37°

Racor macho-macho JIC 37°

Gerade Verschr. AGJ-AGJ

Adapteur droit mâle JIC x mâle JIC



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4 7/16" 20h UNF	S26006	1,67
8	5/16 1/2" 20h UNF	S26008	1,75
10	3/8 9/16" 18h UNF	S26010	1,93
12	1/2 3/4" 16h UNF	S26012	2,09
14-15-16	5/8 7/8" 14h UNF	S26016	3,12
18-20	3/4 1" 1/16 12h UNF	S26020	4,68
25	1 1" 5/16 12h UNF	S26025	7,52
30-32	1 1/4 1" 5/8 12h UNF	S26032	13,39
38	1 1/2 1" 7/8 12h UNF	S26038	23,51

### Reducer adaptor male JIC 37°

Racor reducción macho-macho JIC 37°

Reduzieranschlüsse m - m JIC 37°

Adapteur réduction mâle JIC 37°



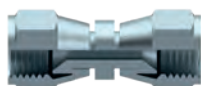
ROSCA THREAD	Referencia Part n°	€
1/2"-20 UNF 7/16"-20 UNF	S2600806	2,36
9/16"-18 UNF 7/16"-20 UNF	S2601006	2,64
9/16"-18 UNF 1/2"-20 UNF	S2601008	2,73
3/4"-16 UNF 9/16"-18 UNF	S2601210	4,05
7/8"-14 UNF 3/4"-16 UNF	S2601612	5,28
1 1/16"-12 UN 7/8"-14 UNF	S2602016	5,94
1 5/16"-12 UN 1 1/16"-12 UN	S2602520	9,04
1 5/8"-12 UN 1 5/16"-12 UN	S2603225	17,61
1 7/8"-12 UN 1 5/8"-12 UN	S2603832	29,67

### Straight swivel female JIC 37°

Racor hembra giratoria-hembra giratoria JIC 37°

Adapter JIC 37° W mit Ü-Muttern

Adapteur femelle tournante JIC x femelle tournante JIC 37°



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4 7/16" 20h UNF	S73006	5,23
8	5/16 1/2" 20h UNF	S73008	8,62
10	3/8 9/16" 18h UNF	S73010	6,46
12	1/2 3/4" 16h UNF	S73012	12,20
14-15-16	5/8 7/8" 14h UNF	S73016	14,14
18-20	3/4 1" 1/16 12h UNF	S73020	12,53
25	1 1" 5/16 12h UNF	S73025	22,38

### Straight adaptor male JIC-male NPT

Racor macho JIC 37° - macho NPT

Gerade Einschraubverschr. AGJ-AGN

Adapteur mâle JIC x mâle NPT



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4 1/8" NPT 7/16" 20h UNF	S2000610	1,77
6	1/4 1/4" NPT 7/16" 20h UNF	S2000613	1,77
8	5/16 1/8" NPT 1/2" 20h UNF	S2000810	2,90
8	5/16 1/4" NPT 1/2" 20h UNF	S2000813	2,09
10	3/8 1/4" NPT 9/16" 18h UNF	S2001013	2,12
10	3/8 3/8" NPT 9/16" 18h UNF	S2001017	2,40
10	3/8 1/2" NPT 9/16" 18h UNF	S2001021	3,35
12	1/2 3/8" NPT 3/4" 16h UNF	S2001217	3,46
12	1/2 1/2" NPT 3/4" 16h UNF	S2001221	3,58
12	1/2 3/4" NPT 3/4" 16h UNF	S2001226	4,27
14-15-16	5/8 1/2" NPT 7/8" 14h UNF	S2001621	4,77
14-15-16	5/8 3/4" NPT 7/8" 14h UNF	S2001626	6,38
18-20	3/4 1/2" NPT 1" 1/16 12h UNF	S2002021	5,59
18-20	3/4 3/4" NPT 1" 1/16 12h UNF	S2002026	6,43
18-20	3/4 1" NPT 1" 1/16 12h UNF	S2002033	7,87
25	1 3/4" NPT 1" 5/16 12h UNF	S2002526	9,27
25	1 1" NPT 1" 5/16 12h UNF	S2002533	9,44
32	1 1/4 1" NPT 1" 5/8 12h UNF	S2003233	27,14
32	1 1/4 1" 1/4 NPT 1" 5/8 12h UNF	S2003242	19,31
38	1 1/2 1" 1/4 NPT 1" 7/8 12h UNF	S2003842	42,89
38	1 1/2 1" 1/2 NPT 1" 7/8 12h UNF	S2003848	37,98

### Straight adaptor male JIC-male BSP

Racor macho JIC 37° - macho BSP

Gerade Einschraubverschr. AGJ-AGR

Adapteur mâle JIC x mâle gaz cyl équipé



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4 7/16" 20h UNF 1/8" BSP	S2300610	1,68
6	1/4 7/16" 20h UNF 1/4" BSP	S2300613	2,25
6	1/4 7/16" 20h UNF 3/8" BSP	S2300617	2,42
8	5/16 1/2" 20h UNF 1/4" BSP	S2300813	2,40
8	5/16 1/2" 20h UNF 3/8" BSP	S2300817	2,57
10	3/8 9/16" 18h UNF 1/4" BSP	S2301013	2,17
10	3/8 9/16" 18h UNF 3/8" BSP	S2301017	2,47
10	3/8 9/16" 18h UNF 1/2" BSP	S2301021	4,34
12	1/2 3/4" 16h UNF 1/4" BSP	S2301213	2,34
12	1/2 3/4" 16h UNF 3/8" BSP	S2301217	2,42
12	1/2 3/4" 16h UNF 1/2" BSP	S2301221	3,15
12	1/2 3/4" 16h UNF 3/4" BSP	S2301226	5,42
14-15-16	5/8 7/8" 14h UNF 3/8" BSP	S2301617	3,00
14-15-16	5/8 7/8" 14h UNF 1/2" BSP	S2301621	3,84
14-15-16	5/8 7/8" 14 h UNF 3/4" BSP	S2301626	5,93
18-20	3/4 1" 1/16 12h UNF 1/2" BSP	S2302021	4,87
18-20	3/4 1" 1/16 12h UNF 3/4" BSP	S2302026	6,73
18-20	3/4 1" 1/16 12h UNF 1" BSP	S2302033	9,29
25	1 1" 5/16 12h UNF 3/4" BSP	S2302526	7,79
25	1 1" 5/16 12h UNF 1" BSP	S2302533	9,38
25	1 1" 5/16 12h UNF 1" 1/4 BSP	S2302542	13,94
30-32	1 1/4 1" 5/8 12h UNF 1" 1/4 BSP	S2303242	14,60
38	1 1/2 1" 7/8 12h UNF 1" 1/4 BSP	S2303842	18,54
38	1 1/2 1" 7/8 12h UNF 1" 1/2 BSP	S2303848	30,82

## JIC 37° FITTINGS

Racores JIC 37°  
Verschraubungen JIC 37°  
Raccords JIC 37°

### Straight adaptor male JIC-male BSPT

Racor macho JIC 37° - macho BSPT

Gerade Einschraubverschr. AGJ-AG BSPT

Adapteur mâle JIC x mâle gaz conique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4 1/8" BSPT	7/16" 20h UNF	<b>S2100610 1,17</b>
6	1/4 1/4" BSPT	7/16" 20h UNF	<b>S2100613 1,77</b>
8	5/16 1/8" BSPT	1/2" 20h UNF	<b>S2100810 1,46</b>
8	5/16 1/4" BSPT	1/2" 20h UNF	<b>S2100813 1,53</b>
10	3/8 1/4" BSPT	9/16" 18h UNF	<b>S2101013 1,92</b>
10	3/8 3/8" BSPT	9/16" 18h UNF	<b>S2101017 2,08</b>
10	3/8 1/2" BSPT	9/16" 18h UNF	<b>S2101021 3,33</b>
12	1/2 1/4" BSPT	3/4" 16h UNF	<b>S2101213 2,36</b>
12	1/2 3/8" BSPT	3/4" 16h UNF	<b>S2101217 2,75</b>
12	1/2 1/2" BSPT	3/4" 16h UNF	<b>S2101221 3,49</b>
14-15-16	5/8 3/8" BSPT	7/8" 14h UNF	<b>S2101617 3,90</b>
14-15-16	5/8 1/2" BSPT	7/8" 14h UNF	<b>S2101621 3,88</b>
14-15-16	5/8 3/4" BSPT	7/8" 14h UNF	<b>S2101626 3,94</b>
18-20	3/4 1/2" BSPT	1"1/16 12h UNF	<b>S2102021 4,57</b>
18-20	3/4 3/4" BSPT	1"1/16 12h UNF	<b>S2102026 5,22</b>
18-20	3/4 1" BSPT	1"1/16 12M UNF <b>NEW</b>	<b>S2102033 6,52</b>
25	1 3/4" BSPT	1"5/16 12h UNF	<b>S2102526 8,37</b>
25	1 1" BSPT	1"5/16 12h UNF	<b>S2102533 7,88</b>
30-32	1 1/4 1" BSPT	1"5/8 12h UNF	<b>S2103233 15,90</b>
30-32	1 1/4 1"1/4 BSPT	1"5/8 12h UNF	<b>S2103242 13,73</b>
38	1 1/2 1"1/2 BSPT	1"7/8 12h UNF	<b>S2103848 24,04</b>

### Straight adaptor male JIC-male UNF

Racor macho JIC 37° - macho UNF

Gerade Einschraubverschr. AGJ-m UNF

Adapteur mâle JIC x mâle UNF équipé



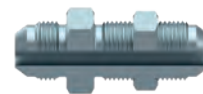
TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4 7/16" 20h JIC	7/16" 20h UNF	<b>S2200611 1,50</b>
6	1/4 7/16" 20h JIC	1/2" 20h UNF	<b>S2200612 1,95</b>
6	1/4 7/16" 20h JIC	9/16" 18h UNF	<b>S2200614 1,87</b>
8	5/16 1/2" 20h JIC	1/2" 20h UNF	<b>S2200812 1,82</b>
10	3/8 9/16" 18h JIC	9/16" 18h UNF	<b>S2201014 2,04</b>
10	3/8 9/16" 18h JIC	3/4" 16h UNF	<b>S2201019 2,53</b>
12	1/2 3/4" 16h JIC	3/4" 16h UNF	<b>S2201219 3,15</b>
12	1/2 3/4" 16h JIC	7/8" 14h UNF	<b>S2201222 4,49</b>
14-15-16	5/8 7/8" 14h JIC	7/8" 14h UNF	<b>S2201622 4,22</b>
14-15-16	5/8 7/8" 14h JIC	1"1/16 12h UNF	<b>S2201627 7,02</b>
18-20	3/4 1"1/16 12h JIC	3/4" 16h UNF	<b>S2202019 5,87</b>
14-15-16	5/8 7/8" 14h JIC	3/4" 16h UNF	<b>S2201619 4,29</b>
18-20	3/4 1"1/16 12h JIC	7/8" 14h UNF	<b>S2202022 5,60</b>
18-20	3/4 1"1/16 12h JIC	1"1/16 12h UNF	<b>S2202027 6,67</b>
18-20	3/4 1"1/16 12h JIC	1"5/16 12h UNF	<b>S2202033 7,80</b>
25	1 1"5/16 12h JIC	1"1/16 12h UNF	<b>S2202527 13,39</b>
25	1 1"5/16 12h JIC	1"5/16 12h UNF	<b>S2202533 7,89</b>
25	1 1"5/16 12h JIC	1"5/8 12h UNF	<b>S2202541 36,82</b>
30-32	1 1/4 1"5/8 12h JIC	1"5/8 12h UNF	<b>S2203241 15,76</b>
38	1 1/2 1"7/8 12h JIC	1"7/8 12h UNF	<b>S2203848 46,73</b>

### Straight bulkhead fitting JIC 37°

Racor pasatabiques JIC 37°

Schottverschr. - SV JIC 37°

Union passe cloison droite mâle JIC x mâle JIC équipé



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4 7/16" 20h UNF	<b>S25006 3,21</b>	
8	5/16 1/2" 20h UNF	<b>S25008 4,07</b>	
10	3/8 9/16" 18h UNF	<b>S25010 4,16</b>	
12	1/2 3/4" 16h UNF	<b>S25012 5,66</b>	
14-15-16	5/8 7/8" 14h UNF	<b>S25016 6,42</b>	
18-20	3/4 1"1/16 12h UNF	<b>S25020 10,69</b>	
25	1 1"5/16 12h UNF	<b>S25025 12,67</b>	
30-32	1 1/4 1"5/8 12h UNF	<b>S25032 24,49</b>	
38	1 1/2 1"7/8 12h UNF	<b>S25038 52,71</b>	

### Metric adaptor male-male JIC 37°

Racor macho JIC 37° - macho Métrico

Gerade Einschraubverschr. AGJ-AG metr.

Adapteur mâle JIC x mâle Métrique équipé



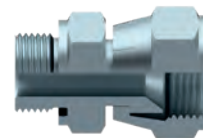
TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4 7/16" 20h UNF	M10X1 <b>S2400610 3,66</b>	
8	5/16 1/2" 20h UNF	M12X1.5 <b>S2400812 3,86</b>	
10	3/8 9/16" 18h UNF	M14X1.5 <b>S2401014 4,27</b>	
12	1/2 3/4" 16h UNF	M16X1.5 <b>S2401216 4,15</b>	
12	1/2 3/4" 16h UNF	M18X1.5 <b>S2401218 4,68</b>	
14-15-16	5/8 7/8" 14h UNF	M18X1.5 <b>S2401418 5,69</b>	
14-15-16	5/8 7/8" 14h UNF	M22X1.5 <b>S2401622 6,10</b>	
20	3/4 1"1/16 12h UNF	M18X1.5 <b>S2402018 9,51</b>	
18-20	3/4 1"1/16 12h UNF	M22X1.5 <b>S2402022 9,54</b>	
18-20	3/4 1"1/16 12h UNF	M27X2 <b>S2402027 12,44</b>	
25	1 1"5/16 12h UNF	M33X2 <b>S2402533 23,83</b>	
30-32	1 1/4 1"5/8 12h UNF	M42X2 <b>S2403242 45,49</b>	

### Adaptor swivel female JIC-male BSP

Racor macho BSP - hembra giratoria JIC 37°

Adapter DKJ-AGR

Adapteur femelle tournante JIC x mâle gaz cyl équipé



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4 1/8" BSP	7/16" 20h UNF	<b>S1800610 4,00</b>
8	5/16 1/4" BSP	1/2" 20h UNF	<b>S1800813 5,02</b>
8	5/16 3/8" BSP	1/2" 20h UNF	<b>S1800817 6,42</b>
10	3/8 1/4" BSP	9/16" 18h UNF	<b>S1801013 3,69</b>
10	3/8 3/8" BSP	9/16" 18h UNF	<b>S1801017 4,77</b>
12	1/2 3/8" BSP	3/4" 16h UNF	<b>S1801217 5,17</b>
14-15-16	5/8 1/2" BSP	7/8" 14h UNF	<b>S1801621 10,70</b>
18-20	3/4 3/4" BSP	1"1/16 12h UNF	<b>S1802026 13,61</b>
25	1 1" BSP	1"5/16 12h UNF	<b>S1802533 19,63</b>
30-32	1 1/4 1"1/4 BSP	1"5/8 12h UNF	<b>S1803242 33,87</b>
38	1 1/2 1"1/2 BSP	1"7/8 12h UNF	<b>S1803848 93,61</b>

## JIC 37° FITTINGS

Racores JIC 37°  
Verschraubungen JIC 37°  
Raccords JIC 37°

### Reducer adaptor male JIC -fixed female JIC 37°

Racor unión macho-hembra fija JIC 37°

Gerade Verschr. JIC-JIC 37°

Reducteur mâle JIC x femelle fixe JIC 37°



TUBO PIPE	ROSCA (H) THREAD (F)	ROSCA (M) THREAD (M)	Referencia Part n°	€
10	6	7/16" 20h UNF	9/16" 18h UNF	<b>S2900610</b> 3,23
10	6	9/16" 18h UNF	7/16" 20h UNF	<b>S2901006</b> 3,24
12	6	3/4" 16h UNF	7/16" 20h UNF	<b>S2901206</b> 5,93
8	12	3/4" 16h UNF	1/2" 20h UNF	<b>S2901208</b> 7,43
12	10	3/4" 16h UNF	9/16" 18h UNF	<b>S2901210</b> 5,18
14-15-16	6	7/8" 14h UNF	7/16" 20h UNF	<b>S2901606</b> 7,28
14-15-16	10	7/8" 14h UNF	9/16" 18h UNF	<b>S2901610</b> 7,88
14-15-16	12	7/8" 14h UNF	3/4" 16h UNF	<b>S2901612</b> 6,36
18-20	6	1"1/16 12h UNF	7/16" 20h UNF	<b>S2902006</b> 7,98
18-20	12	1"1/16 12h UNF	3/4" 16h UNF	<b>S2902012</b> 9,06
25	18-20	1"5/16 12h UNF	1"1/16 12h UNF	<b>S2902520</b> 12,08
30-32	25	1"5/8 12h UNF	1"5/16 12h UNF	<b>S2903225</b> 25,43
38	30-32	1"7/8 12h UNF	1"5/8 12h UNF	<b>S2903832</b> 32,74

### Adaptor male JIC 37°-fixed female BSP

Racor macho JIC 37° - hembra fija BSP

Gerader Adapter AGJ-DKR

Adapteur mâle JIC x femelle gaz cyl



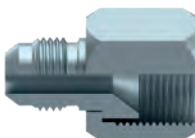
TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4 7/16" 20h UNF	1/8" BSP <b>S2800610</b>	6,78
6	1/4 7/16" 20h UNF	1/4" BSP <b>S2800613</b>	6,78
8	5/16 1/2" 20h UNF	1/8" BSP <b>S2800810</b>	7,92
8	5/16 1/2" 20h UNF	1/4" BSP <b>S2800813</b>	7,53
10	3/8 9/16" 18h UNF	1/4" BSP <b>S2801013</b>	7,24
10	3/8 9/16" 18h UNF	3/8" BSP <b>S2801017</b>	7,53
12	1/2 3/4" 16h UNF	3/8" BSP <b>S2801217</b>	7,53
12	1/2 3/4" 16h UNF	1/2" BSP <b>S2801221</b>	8,83
14-15-16	5/8 7/8" 14h UNF	1/2" BSP <b>S2801621</b>	9,12
18-20	3/4 1"1/16 12h UNF	1/2" BSP <b>S2802021</b>	10,74
18-20	3/4 1"1/16 12h UNF	3/4" BSP <b>S2802026</b>	12,61
25	1 1"5/16 12h UNF	1" BSP <b>S2802533</b>	20,82
30-32	1 1/4 1"5/8 12h UNF	1"1/4 BSP <b>S2803242</b>	47,18
38	1 1/2 1"7/8 12h UNF	1"1/2 BSP <b>S2803848</b>	75,42

### Reducer adaptor male JIC -swivel female JIC 37° swivel female JIC 37° NEW

Racor unión macho-hembra giratoria JIC 37°

Gerade Verschr. JIC-JIC 37°

Reducteur mâle JIC x femelle tournante JIC 37°



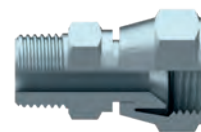
TUBO PIPE	ROSCA (H) THREAD (F)	ROSCA (M) THREAD (M)	Referencia Part n°	€
10	6	7/16" 20h UNF	9/16" 18h UNF	<b>S2911006</b> 6,47
12	6	3/4" 16h UNF	7/16" 20h UNF	<b>S2911206</b> 6,76
12	8	3/4" 16h UNF	1/2" 20h UNF	<b>S2911208</b> 7,43
12	10	3/4" 16h UNF	9/16" 18h UNF	<b>S2911210</b> 6,55
14-15-16	6	7/8" 14h UNF	7/16" 20h UNF	<b>S2911606</b> 9,44
14-15-16	10	7/8" 14h UNF	9/16" 18h UNF	<b>S2911610</b> 9,97
14-15-16	12	7/8" 14h UNF	3/4" 16h UNF	<b>S2911612</b> 8,05
18-20	6	1"1/16 12h UNF	7/16" 20h UNF	<b>S2912006</b> 11,96
18-20	12	1"1/16 12h UNF	3/4" 16h UNF	<b>S2912012</b> 13,12
25	18-20	1"5/16 12h UNF	1"1/16 12h UNF	<b>S2912520</b> 15,10
30-32	25	1"5/8 12h UNF	1"5/16 12h UNF	<b>S2913225</b> 35,32
38	30-32	1"7/8 12h UNF	1"5/8 12h UNF	<b>S2913832</b> 38,53

### Adaptor male BSPT-swivel female JIC 37°

Racor macho BSPT - hembra giratoria JIC 37°

Adapter m BSPT - w mit Ü-Mutter JIV 37°

Adapteur femelle tournante JIC x mâle gaz conique



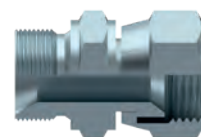
TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4 1/4" BSPT	7/16" 20h UNF <b>S1500613</b>	4,89
8	5/16 1/4" BSPT	1/2" 20h UNF <b>S1500813</b>	4,78
10	3/8 1/4" BSPT	9/16" 18h UNF <b>S1501013</b>	9,28
12	1/2 1/4" BSPT	3/4" 16h UNF <b>S1501213</b>	12,59
12	1/2 3/8" BSPT	3/4" 16h UNF <b>S1501217</b>	10,81
16	5/8 1/2" BSPT	7/8" 14h UNF <b>S1501621</b>	15,52
20	3/4 1/2" BSPT	1"1/16 12h UNF <b>S1502021</b>	5,97
20	3/4 3/4" BSPT	1"1/16 12h UNF <b>S1502026</b>	17,94
25	1 3/4" BSPT	1"5/16 12h UNF <b>S1502526</b>	29,56
25	1 1" BSPT	1"5/16 12h UNF <b>S1502533</b>	35,39
32	1 1/4 1"1/4 BSPT	1"5/8 12h UNF <b>S1503242</b>	53,17

### Adaptor swivel female JIC 37° - BSP male 60°

Adaptador hembra giratoria JIC - Macho BSP (60°)

Adapter w mit Drallmutter JIC - m BSP (60°)

Adapteur femelle tournante JIC x mâle BSP 60°



ROSCA THREAD	Referencia Part n°	€
1/4" BSP	7/16" UNF <b>S2150604</b>	3,98
1/4" BSP	1/2" UNF <b>S2150804</b>	4,43
1/4" BSP	9/16" UNF <b>S2151004</b>	4,63
3/8" BSP	9/16" UNF <b>S2151006</b>	5,48
1/2" BSP	9/16" UNF <b>S2151008</b>	6,56
3/8" BSP	3/4" UNF <b>S2151206</b>	5,74
1/2" BSP	3/4" UNF <b>S2151208</b>	6,88
1/2" BSP	7/8" UNF <b>S2151608</b>	7,25
3/4" BSP	1" 1/16 UNF <b>S2152012</b>	9,49
1" BSP	1"5/16 UNF <b>S2152516</b>	16,42

### Adaptor male JIC - swivel female JIC

Adaptador Macho JIC - hembra giratoria JIC 37°

JIC m - w Ü-Mutter JIC

Adapteur mâle JIC x femelle tournante JIC



ROSCA THREAD	Referencia Part n°	€
7/16" 20h UNF	<b>S7400606</b>	3,73
1/2" 20h UNF	<b>S7400808</b>	4,50
9/16" 18h UNF	<b>S7401010</b>	2,36
3/4" 16h UNF	<b>S7401212</b>	5,30
7/8" 14h UNF	<b>S7401616</b>	7,56
1" 1/16 12 h UNF	<b>S7402020</b>	8,90
1" 5/16 12 h UNF	<b>S7402525</b>	13,30

## JIC 37° FITTINGS

Racores JIC 37°  
Verschraubungen JIC 37°  
Raccords JIC 37°

### 90° Male elbow male JIC 37° -male JIC 37°

Codo 90° macho - macho JIC 37°

90° Winkel m - m JIC 37°

Adapteur coude 90° mâle JIC 37° x mâle JIC 37°



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4 7/16" 20h UNF	S50006	3,49
8	5/16 1/2" 20h UNF	S50008	4,96
10	3/8 9/16" 18h UNF	S50010	3,92
12	1/2 3/4" 16h UNF	S50012	5,44
14-15-16	5/8 7/8" 14h UNF	S50016	7,34
18-20	3/4 1"1/16 12h UNF	S50020	12,66
25	1 1"5/16 12h UNF	S50025	17,06
30-32	1 1/4 1"5/8 12h UNF	S50032	41,58
38	1 1/2 1"7/8 12h UNF	S50038	56,46

### 90° Male elbow male JIC 37° -male NPT

Codo 90° macho JIC 37° - macho NPT

90° Winkel m JIC 37° - m NPT

Adapteur coude 90° mâle JIC 37° x mâle NPT



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4 7/16" 20h UNF 1/8" NPT	S5250610	6,10
6	1/4 7/16" 20h UNF 1/4" NPT	S5250613	5,73
8	5/16 1/2" 20h UNF 1/8" NPT	S5250810	7,32
8	5/16 1/2" 20h UNF 1/4" NPT	S5250813	7,58
10	3/8 9/16" 18h UNF 1/4" NPT	S5251013	4,39
10	3/8 9/16" 18h UNF 3/8" NPT	S5251017	5,40
10	3/8 9/16" 18h UNF 1/2" NPT	S5251021	13,83
12	1/2 3/4" 16h UNF 1/4" NPT	S5251213	5,70
12	1/2 3/4" 16h UNF 3/8" NPT	S5251217	7,06
12	1/2 3/4" 16h UNF 1/2" NPT	S5251221	7,98
14-15-16	5/8 7/8" 14h UNF 3/8" NPT	S5251617	13,80
14-15-16	5/8 7/8" 14h UNF 1/2" NPT	S5251621	15,57
14-15-16	5/8 7/8" 14h UNF 3/4" NPT	S5251626	22,20
18-20	3/4 1"1/16 12h UNF 1/2" NPT	S5252021	10,14
18-20	3/4 1"1/16 12h UNF 3/4" NPT	S5252026	11,52
25	1 1"5/16 12h UNF 3/4" NPT	S5252526	28,45
25	1 1"5/16 12h UNF 1" NPT	S5252533	20,90
30-32	1 1/4 1"5/8 12h UNF 1" NPT	S5253233	47,22
30-32	1 1/4 1"5/8 12h UNF 1" 1/4 NPT	S5253242	44,54
38	1 1/2 1"7/8 12h UNF 1"1/2 NPT	S5253848	76,63

### 90° Bulkhead coupling male JIC 37° -male JIC 37°

Codo 90° pasatabiques JIC 37°

90° Schottversch. m - m JIC 37°

Adapteur coude 90° passe cloison mâle JIC 37° x mâle JIC 37° équipé



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	6 7/16" 20h UNF	S65006	5,56
8	8 1/2" 20h UNF	S65008	5,20
10	10 9/16" 18h UNF	S65010	5,58
12	12 3/4" 16h UNF	S65012	7,61
14-15-16	14-15-16 7/8" 14h UNF	S65016	11,19
18-20	18-20 1"1/16 12h UNF	S65020	18,50
25	25 1"5/16 12h UNF	S65025	34,83

### 90° Male elbow male JIC 37° -male BSPT

Codo 90° macho JIC 37° - macho BSPT

90° Winkel m JIC 37° - m BSPT

Adapteur coude 90° mâle JIC 37° x mâle gaz conique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4 7/16" 20h UNF 1/8" BSPT	S5500610	6,63
6	1/4 7/16" 20h UNF 1/4" BSPT	S5500613	8,77
8	5/16 1/2" 20h UNF 1/8" BSPT	S5500810	13,59
8	5/16 1/2" 20h UNF 1/4" BSPT	S5500813	8,20
10	3/8 9/16" 18h UNF 1/4" BSPT	S5501013	6,62
10	3/8 9/16" 18h UNF 3/8" BSPT	S5501017	14,80
10	3/8 9/16" 18h UNF 1/2" BSPT	S5501021	19,05
12	1/2 3/4" 16h UNF 1/4" BSPT	S5501213	15,16
12	1/2 3/4" 16h UNF 3/8" BSPT	S5501217	8,07
12	1/2 3/4" 16h UNF 1/2" BSPT	S5501221	12,32
14-15-16	5/8 7/8" 14h UNF 3/8" BSPT	S5501617	20,03
14-15-16	5/8 7/8" 14h UNF 1/2" BSPT	S5501621	12,03
14-15-16	5/8 7/8" 14h UNF 3/4" BSPT	S5501626	30,35
18-20	3/4 1"1/16 12h UNF 1/2" BSPT	S5502021	25,76
18-20	3/4 1"1/16 12h UNF 3/4" BSPT	S5502026	19,44
25	1 1"5/16 12h UNF 3/4" BSPT	S5502526	37,18
25	1 1"5/16 12h UNF 1" BSPT	S5502533	20,90
30-32	1 1/4 1"5/8 12h UNF 1" BSPT	S5503233	40,96
30-32	1 1/4 1"5/8 12h UNF 1"1/4 BSPT	S5503242	44,81
38	1 1/2 1"7/8 12h UNF 1"1/2 BSPT	S5503848	104,64

## JIC 37° FITTINGS

Racores JIC 37°  
Verschraubungen JIC 37°  
Raccords JIC 37°

### 90° Elbow male JIC 37° - swivel female JIC 37°

Codo 90° macho - hembra giratoria JIC 37°

90° Winkel m - w mit Ü-Mutter JIC 37°

Adaptateur coude 90° mâle JIC 37° x femelle tournante JIC 37°



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4	7/16" 20h UNF	<b>S67506</b> 4,66
8	5/16	1/2" 20h UNF	<b>S67508</b> 5,93
10	3/8	9/16" 18h UNF	<b>S67510</b> 6,51
12	1/2	3/4" 16h UNF	<b>S67512</b> 8,85
14-15-16	5/8	7/8" 14h UNF	<b>S67516</b> 9,20
18-20	3/4	1" 1/16 12h UNF	<b>S67520</b> 11,01
25	1	1" 5/16 12h UNF	<b>S67525</b> 24,78
30-32	1 1/4	1" 5/8 12h UNF	<b>S67532</b> 47,27
38	1 1/2	1" 7/8 12h UNF	<b>S67538</b> 61,83

### 45° Elbow male JIC 37° - swivel female JIC 37°

Codo 45° macho - hembra giratoria JIC 37°

45° Winkel m - w Ü-Mutter JIC 37°

Adaptateur coude 45° mâle JIC 37° x femelle tournante JIC 37°



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4	7/16" 20h UNF	<b>S69006</b> 4,33
8	5/16	1/2" 20h UNF	<b>S69008</b> 7,28
10	3/8	9/16" 18h UNF	<b>S69010</b> 6,94
12	1/2	3/4" 16h UNF	<b>S69012</b> 6,34
14-15-16	5/8	7/8" 14h UNF	<b>S69016</b> 11,90
18-20	3/4	1" 1/16 12h UNF	<b>S69020</b> 15,31
25	1	1" 5/16 12h UNF	<b>S69025</b> 25,64

### 90° Elbow NPT male (60°) - swivel female JIC 37°

Codo 90° hembra giratoria JIC 37° - Macho NPT (60°)

90° Winkel w mit Ü-Mutter - m NPT (60°)

Adaptateur coude 90° femelle tournante JIC 37° x mâle NPT (60°)



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4	7/16" 20h UNF 1/4" NPT	<b>S5950604</b> 5,36
8	5/16	1/2" 20h UNF 1/4" NPT	<b>S5950804</b> 6,62
10	3/8	9/16" 18h UNF 1/4" NPT	<b>S5951004</b> 6,72
10	3/8	9/16" 18h UNF 3/8" NPT	<b>S5951006</b> 6,72
12	1/2	3/4" 16h UNF 3/8" NPT	<b>S5951206</b> 9,25
12	1/2	3/4" 16h UNF 1/2" NPT	<b>S5951208</b> 9,35
14-15-16	5/8	7/8" 14h UNF 1/2" NPT	<b>S5951608</b> 9,93
18-20	3/4	1" 1/16 12 h UNF 3/4" NPT	<b>S5952012</b> 13,54
25	1	1" 5/16 12 h UNF 1" NPT	<b>S5952516</b> 26,19

### 90° Elbow swivel female JIC 37° - swivel female JIC 37°

Codo 90° hembra giratoria JIC 37° - hembra giratoria JIC 37°

90° Winkel w mit Ü-Mutter - w mit Ü-Mutter JIC 37°

Adaptateur coude 90° femelle tournante JIC 37° x femelle tournante JIC 37°



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	7/16" 20h UNF	<b>S6650606</b>	6,33
8	1/2" 20h UNF	<b>S6650808</b>	7,69
10	9/16" 18h UNF	<b>S6651010</b>	7,69
12	3/4" 16h UNF	<b>S6651212</b>	8,96
14-15-16	7/8" 14h UNF	<b>S6651616</b>	16,36
18-20	1" 1/16 12 h UNF	<b>S6652020</b>	27,85
25	1" 5/16 12 h UNF	<b>S6652525</b>	34,96



## JIC 37° FITTINGS

Racores JIC 37°  
Verschraubungen JIC 37°  
Raccords JIC 37°

### 90° Elbow male JIC 37° -BSP adjustable male

Codo 90° macho JIC 37° - macho BSP orientable

90° Winkel m JIC 37° - m BSP einstellbar

Adapteur orientable coude 90° mâle JIC 37° x mâle gaz cyl + o'ring équipé



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4 7/16" 20h UNF	1/8" BSP	<b>S6000610 4,26</b>
6	1/4 7/16" 20h UNF	1/4" BSP	<b>S6000613 5,44</b>
8	5/16 1/2" 20h UNF	1/8" BSP	<b>S6000810 5,45</b>
8	5/16 1/2" 20h UNF	1/4" BSP	<b>S6000813 6,20</b>
10	3/8 9/16" 18h UNF	1/4" BSP	<b>S6001013 5,12</b>
10	3/8 9/16" 18h UNF	3/8" BSP	<b>S6001017 6,28</b>
10	3/8 9/16" 18h UNF	1/2" BSP	<b>S6001021 11,42</b>
12	1/2 3/4" 16h UNF	1/4" BSP	<b>S6001213 7,34</b>
12	1/2 3/4" 16h UNF	3/8" BSP	<b>S6001217 7,52</b>
12	1/2 3/4" 16h UNF	1/2" BSP	<b>S6001221 9,22</b>
16	5/8 7/8" 14h UNF	3/8" BSP	<b>S6001617 9,91</b>
14-15-16	5/8 7/8" 14h UNF	1/2" BSP	<b>S6001621 9,65</b>
18-20	3/4 1"1/16 12h UNF	1/2" BSP	<b>S6002021 13,85</b>
18-20	3/4 1"1/16 12h UNF	3/4" BSP	<b>S6002026 13,01</b>
18-20	3/4 1"1/16 12h UNF	1" BSP	<b>S6002033 23,39</b>
25	1 1"5/16 12h UNF	3/4" BSP	<b>S6002526 22,54</b>
25	1 1"5/16 12h UNF	1" BSP	<b>S6002533 24,17</b>
30-32	1 1/4 1"5/8 12h UNF	1" BSP	<b>S6003233 32,57</b>
30-32	1 1/4 1"5/8 12h UNF	1"1/4 BSP	<b>S6003242 42,38</b>
38	1 1/2 1"7/8 12h UNF	1"1/4 BSP	<b>S6003842 87,21</b>
38	1 1/2 1"7/8 12h UNF	1"1/2 BSP	<b>S6003848 111,15</b>

### 45° Elbow male JIC 37° -BSP adjustable male

Codo 45° macho JIC 37° - macho BSP orientable

45° Winkel m JIC 37° - m BSP einstellbar

Adapteur coude 45° mâle JIC 37° x mâle gaz cyl + o'ring équipé



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
8	5/16 1/2" 20h UNF	1/4" BSP	<b>S6150813 5,80</b>
10	3/8 9/16" 18h UNF	1/4" BSP	<b>S6151013 6,46</b>
12	1/2 3/4" 16h UNF	3/8" BSP	<b>S6151217 8,14</b>
12	1/2 3/4" 16h UNF	1/2" BSP	<b>S6151221 9,36</b>
14-15-16	5/8 7/8" 14h UNF	1/2" BSP	<b>S6151621 10,00</b>
18-20	3/4 1"1/16 12h UNF	1/2" BSP	<b>S6152021 14,53</b>
18-20	3/4 1"1/16 12h UNF	3/4" BSP	<b>S6152026 14,51</b>
25	1 1"5/16 12h UNF	1" BSP	<b>S6152533 23,23</b>

### 90° Elbow male JIC 37° -unf adjustable male

Codo 90° macho JIC 37° - macho UNF orientable

90° Winkel m JIC 37° - m UNF einstellbar

Adapteur orientable coude 90° mâle JIC 37° x mâle UNF + o'ring équipé



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4 7/16" 20h JIC 7/16" 20h UNF	<b>S5750611 4,60</b>	
6	1/4 7/16" 20h JIC 1/2" 20h UNF	<b>S5750612 8,50</b>	
8	5/16 1/2" 20h JIC 1/2" 20h UNF	<b>S5750812 5,67</b>	
10	3/8 9/16" 18h JIC 9/16" 18h UNF	<b>S5751014 7,14</b>	
10	3/8 9/16" 18h JIC 3/4" 16h UNF	<b>S5751019 8,01</b>	
12	1/2 3/4" 16h JIC 3/4" 16h UNF	<b>S5751219 6,73</b>	
12	1/2 3/4" 16h JIC 7/8" 14h UNF	<b>S5751222 12,56</b>	
14-15-16	5/8 7/8" 14h JIC 3/4" 16h UNF	<b>S5751619 13,45</b>	
14-15-16	5/8 7/8" 14h JIC 7/8" 14h UNF	<b>S5751622 13,79</b>	
18-20	3/4 1"1/16 12h JIC 7/8" 14h UNF	<b>S5752022 20,03</b>	
18-20	3/4 1"1/16 12h JIC 1"1/16 12h UNF	<b>S5752027 15,76</b>	
25	1 1"5/16 12h JIC 1"1/16 12h UNF	<b>S5752527 25,31</b>	
25	1 1"5/16 12h JIC 1"5/16 12h UNF	<b>S5752533 29,69</b>	
30-32	1 1/4 1"5/8 12h JIC 1"5/8 12h UNF	<b>S5753241 59,50</b>	
38	1 1/2 1"7/8 12h JIC 1"7/8 12h UNF	<b>S5753848 84,23</b>	

### 90° Elbow male JIC 37° -Metric adjustable male

Codo 90° macho JIC 37° - macho métrico orientable

90° Winkel m JIC 37° - m metr. einstellbar

Adapteur orientable coude 90° mâle JIC 37° x mâle Métrique + o'ring équipé



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4 7/16" 20h UNF	M10x1	<b>S6250610 4,93</b>
8	5/16 1/2" 20h UNF	M12x1,5	<b>S6250812 10,54</b>
10	3/8 9/16" 18h UNF	M14x1,5	<b>S6251014 6,65</b>
12	1/2 3/4" 16h UNF	M16x1,5	<b>S6251216 14,39</b>
12	1/2 3/4" 16h UNF	M18x1,5	<b>S6251218 8,36</b>
14-15-16	5/8 7/8" 14h UNF	M18x1,5	<b>S6251618 15,77</b>
14-15-16	5/8 7/8" 14h UNF	M22x1,5	<b>S6251622 12,44</b>
18-20	3/4 1"1/16 12h UNF	M22x1,5	<b>S6252022 17,72</b>
18-20	3/4 1"1/16 12h UNF	M27x2	<b>S6252027 25,84</b>
25	1 1"5/16 12h UNF	M33x2	<b>S6252533 26,97</b>

### 45° Elbow male JIC 37° -UNF adjustable male

Codo 45° macho JIC 37° - macho UNF orientable

45° Winkel m JIC 37° - m UNF einstellbar

Adapteur coude 45° mâle JIC 37° x mâle gaz UNF + o'ring équipé



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4 7/16" 20h JIC 7/16" 20h UNF	<b>S7750611 3,83</b>	
8	5/16 1/2" 20h JIC 1/2" 20h UNF	<b>S7750812 4,47</b>	
10	3/8 9/16" 18h JIC 9/16" 18h UNF	<b>S7751014 4,47</b>	
12	1/2 3/4" 16h JIC 3/4" 16h UNF	<b>S7751219 6,13</b>	
14-15-16	5/8 7/8" 14h JIC 7/8" 14h UNF	<b>S7751622 8,68</b>	
18-20	3/4 1"1/16 12h JIC 1"1/16 12h UNF	<b>S7752027 14,05</b>	
25	1 1"5/16 12h JIC 1"5/16 12h UNF	<b>S7752533 20,44</b>	

## JIC 37° FITTINGS

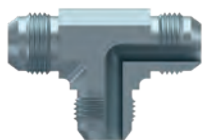
Racores JIC 37°  
Verschraubungen JIC 37°  
Raccords JIC 37°

### Union Tee male JIC 37°

Tes macho JIC 37°

T-Versch. m - m - m JIC 37°

Tés égaux mâle JIC 37°



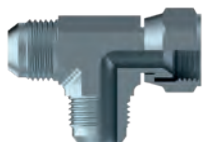
TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4	7/16" 20h UNF	<b>S50506</b> 5,32
8	5/16	1/2" 20h UNF	<b>S50508</b> 5,61
10	3/8	9/16" 18h UNF	<b>S50510</b> 6,29
12	1/2	3/4" 16h UNF	<b>S50512</b> 9,91
14-15-16	5/8	7/8" 14h UNF	<b>S50516</b> 11,93
18-20	3/4	1" 1/16 12h UNF	<b>S50520</b> 14,08
25	1	1" 5/16 12h UNF	<b>S50525</b> 22,85
30-32	1 1/4	1" 5/8 12h UNF	<b>S50532</b> 56,53
38	1 1/2	1" 7/8 12h UNF	<b>S50538</b> 158,95

### Swivel barrel tee male JIC 37° - male JIC 37° - swivel female JIC 37°

Tes macho-macho-hembra giratoria JIC 37°

T-Versch. m - m - w JIC 37°

Tés égaux tournantes JIC 37° au latéral



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4	7/16" 20h UNF	<b>S68006</b> 5,73
8	5/16	1/2" 20h UNF	<b>S68008</b> 7,52
10	3/8	9/16" 18h UNF	<b>S68010</b> 6,73
12	1/2	3/4" 16h UNF	<b>S68012</b> 10,26
14-15-16	5/8	7/8" 14h UNF	<b>S68016</b> 12,10
18-20	3/4	1" 1/16 12h UNF	<b>S68020</b> 18,11
25	1	1" 5/16 12h UNF	<b>S68025</b> 30,80
30-32	1 1/4	1" 5/8 12h UNF	<b>S68032</b> 86,43
38	1 1/2	1" 7/8 12h UNF	<b>S68038</b> 130,99

### Swivel brunch tee male JIC 37° - swivel female JIC 37° - male JIC 37°

Tes macho-hembra giratoria-macho JIC 37°

T-Versch. m - w - m JIC 37°

Tés égaux tournantes JIC 37° au centre



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4	7/16" 20h UNF	<b>S68506</b> 5,73
8	5/16	1/2" 20h UNF	<b>S68508</b> 7,52
10	3/8	9/16" 18h UNF	<b>S68510</b> 6,73
12	1/2	3/4" 16h UNF	<b>S68512</b> 10,39
14-15-16	5/8	7/8" 14h UNF	<b>S68516</b> 14,44
18-20	3/4	1" 1/16 12h UNF	<b>S68520</b> 17,09
25	1	1" 5/16 12h UNF	<b>S68525</b> 35,17
30-32	1 1/4	1" 5/8 12h UNF	<b>S68532</b> 83,32
38	1 1/2	1" 7/8 12h UNF	<b>S68538</b> 132,32

### Tee swivel female JIC 37°

Te H.G. JIC 37°

T-Stück W mit Ü-Mutter JIC 37°

Té femelle tournante JIC



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4	7/16" 20h UNF	<b>S6700606</b> 15,09
8	5/16	1/2" 20h UNF	<b>S6700808</b> 18,30
10	3/8	9/16" 18h UNF	<b>S6701010</b> 18,30
12	1/2	3/4" 16h UNF	<b>S6701212</b> 22,88
14-15-16	5/8	7/8" 14h UNF	<b>S6701616</b> 31,84
18-20	3/4	1" 1/16 12 h UNF	<b>S6702020</b> 40,02
25	1	1" 5/16 12 h UNF	<b>S6702525</b> 66,70

### Brunch tee male JIC 37° - BSPT male 60° - male JIC 37°

Te Macho JIC 37° - Macho BSPT (60°) - Macho JIC 37°

T-Versch. m JIC 37° - m BSPT (60°) - m JIC 37°

Té mâle JIC 37° - mâle BSPT 60° - mâle JIC 37°



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4	7/16" 20h UNF 1/4" BSPT	<b>S6810604</b> 6,62
8	5/16	1/2" 20h UNF 1/4" BSPT	<b>S6810804</b> 9,25
10	3/8	9/16" 18h UNF 1/4" BSPT	<b>S6811004</b> 7,30
10	3/8	9/16" 18h UNF 3/8" BSPT	<b>S6811006</b> 8,86
12	1/2	3/4" 16h UNF 3/8" BSPT	<b>S6811206</b> 11,88
12	1/2	3/4" 16h UNF 1/2" BSPT	<b>S6811208</b> 12,46
14-15-16	5/8	7/8" 14h UNF 1/2" BSPT	<b>S6811608</b> 13,14
18-20	3/4	1" 1/16 12 h UNF 3/4" BSPT	<b>S6812012</b> 17,33
25	1	1" 5/16 12 h UNF 1" BSPT	<b>S6812516</b> 32,62

### Brunch tee male JIC 37° - NPT male 60° - male JIC 37°

Te Macho JIC 37° - Macho NPT (60°) - Macho JIC 37°

T-Versch. m JIC 37° - m NPT (60°) - m JIC 37°

Té mâle JIC 37° - mâle NPT 60° - mâle JIC 37°



TUBO PIPE	ROSCA THREAD	R2	Referencia Part n°	€
6	1/4	7/16" 20h UNF 1/4" NPT	<b>S6950604</b> 5,55	
8	5/16	1/2" 20h UNF 1/4" NPT	<b>S6950804</b> 6,04	
10	3/8	9/16" 18h UNF 1/4" NPT	<b>S6951004</b> 6,72	
10	3/8	9/16" 18h UNF 3/8" NPT	<b>S6951006</b> 8,47	
12	1/2	3/4" 16h UNF 3/8" NPT	<b>S6951206</b> 9,06	
12	1/2	3/4" 16h UNF 1/2" NPT	<b>S6951208</b> 10,52	
14-15-16	5/8	7/8" 14h UNF 1/2" NPT	<b>S6951608</b> 13,14	
18-20	3/4	1" 1/16 12 h UNF 3/4" NPT	<b>S6952012</b> 17,24	
25	1	1" 5/16 12 h UNF 1" NPT	<b>S6952516</b> 32,62	

## JIC 37° FITTINGS

Racores JIC 37°  
Verschraubungen JIC 37°  
Raccords JIC 37°

### Tee male JIC 37°-BSP adjustable brunch male-male JIC 37°

Te macho JIC37° - macho orientable BSP - macho JIC37°

T-Versch. m JIC 37° - m BSP einstellbar - m JIC 37°

Té mâle JIC 37° - mâle orientable BSP - mâle JIC 37°



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4 7/16" 20h UNF	1/4" BSP S6100613	7,32
8	5/16 1/2" 20h UNF	1/4" BSP S6100813	9,67
10	3/8 9/16" 18h UNF	1/4" BSP S6101013	7,43
12	1/2 3/4" 16h UNF	3/8" BSP S6101217	9,91
14-15-16	5/8 7/8" 14h UNF	1/2" BSP S6101621	16,05
18-20	3/4 1" 1/16 12h UNF	3/4" BSP S6102026	25,61
25	1 1"5/16 12h UNF	1" BSP S6102533	33,62
30-32	1 1/4 1"5/8 12h UNF	1"1/4 BSP S6103242	119,30

### Tee male JIC 37°-male JIC 37°-male BSP adjustable barrel

Te macho JIC 37° - macho JIC37° - macho orientable BSP

T-Versch. m JIC 37° - m JIC 37° - m einstellbar BSP

Té mâle JIC 37° - mâle JIC 37° - mâle orientable BSP



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
8	5/16 1/2" 20h UNF	1/4" BSP S6050813	6,53
10	3/8 9/16" 18h UNF	1/4" BSP S6051013	10,72
12	1/2 3/4" 16h UNF	3/8" BSP S6051217	9,71
14-15-16	5/8 7/8" 14h UNF	1/2" BSP S6051621	13,67
18-20	3/4 1" 1/16 12h UNF	3/4" BSP S6052026	26,36
25	1 1"5/16 12h UNF	1" BSP S6052533	45,89
30-32	1 1/4 1"5/8 12h UNF	1"1/4 BSP S6053242	82,42
38	1 1/2 1"7/8 12h UNF	1"1/2 BSP S6053848	105,22

### Tee male JIC 37°-adjustable brunch UNF-male JIC 37°

Te macho JIC 37° - macho orientable UNF-macho JIC37°

T-Versch. m JIC 37° - m UNF einstellbar - m JIC 37°

Té mâle JIC 37° - mâle orientable UNF - mâle JIC 37°



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4 7/16" 20h UNF	S5850611	14,99
8	5/16 1/2" 20h UNF	S5850812	19,83
10	3/8 9/16" 18h UNF	S5851014	20,25
12	1/2 3/4" 16h UNF	S5851219	9,90
14-15-16	5/8 7/8" 14h UNF	S5851622	30,11
18-20	3/4 1" 1/16 12h UNF	S5852027	37,85
25	1 1"5/16 12h UNF	S5852533	60,23

### Tee male JIC 37°-male JIC37° - adjustable barrel UNF

Te macho JIC 37° - macho JIC37° - macho orientable UNF

T-Versch. m JIC 37° - m JIC 37° - m UNF einstellbar

Té mâle JIC 37° - mâle JIC 37° - mâle orientable UNF



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	1/4 7/16" JIC 7/16" UNF	S5800611	23,71
8	5/16 1/2" JIC 1/2" UNF	S5800812	23,71
10	3/8 9/16" JIC 9/16" UNF	S5801014	14,34
16	5/8 7/8" JIC 7/8" UNF	S5801622	26,90
20	3/4 1" 1/16 JIC 1" 1/16 UNF	S5802027	44,15
25	1 1"5/16 JIC 1"5/16 UNF	S5802533	65,71

### Tee male JIC 37°-metric adjustable brunch male-male JIC 37°

Te macho JIC 37° - macho orientable métrico-macho JIC37°

T-Versch. m JIC 37° - m metr. einstellbar - m JIC 37°

Té mâle JIC 37° - mâle orientable Métrique - mâle JIC 37°



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
8	5/16 1/2" JIC	M12X1.5 S6350812	18,39
10	3/8 9/16" JIC	M14X1.5 S6351014	16,56
12	1/2 3/4" JIC	M18x1.5 S6351218	21,67
14-15-16	5/8 7/8" JIC	M18X1.5 S6351618	33,75
14-15-16	5/8 7/8" JIC	M22X1.5 S6351622	33,75
18-20	3/4 1" 1/16 JIC	M27X2 S6352027	42,33
25	1 1"5/16 JIC	M33X2 S6352533	55,31

JIC 37° FITTINGS

Racores JIC 37°  
Verschraubungen JIC 37°  
Records JIC 37°

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LLAVES DE PASO  
COMPONENTES HIDRÁULICOS

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BSP ADAPTORS

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O-RING BOSS ADAPTORS  
ORFS ADAPTORS  
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QUICK COUPLINGS  
BALL VALVES  
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**SAE FLANGES** | **258**

Bridas SAE  
SAE-Flansche  
Brides de fixation SAE

# 03

## SAE FLANGES

Bridas SAE  
SAE-Flansche  
Brides de fixation SAE



**SAE FLANGES**

Bridas SAE  
SAE-Flansche  
Brides de fixation SAE

Threaded flanges ▪ Bridas Roscadas ▪ Gewindeflansche - GF ▪ Brides taraudées | 258

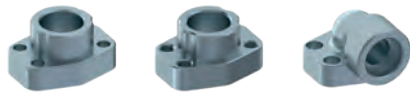


BBRG

BCRG

B90RG

Welding flanges for gas tube ▪ Bridas soldables tubo gas ▪ Schweißflansche Rohr Gas ▪ Brides à souder pour tube gaz | 259

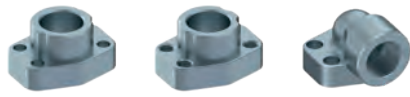


BB SG

BC SG

B90 SG

Welding flanges for metric tube ▪ Bridas soldables tubo métrico ▪ Schweißflansche Rohr metr. ▪ Brides à souder pour tube métrique | 260



BB SM

BC SM

B90 SM

Male welding flanges ▪ Bridas soldables macho ▪ Schweißflansche m ▪ Brides à souder mâle | 261



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BCMSG

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BMSLM

BCMSLM

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BMRG

BMRM

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# SAE FLANGES

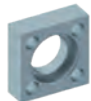
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SAE-Flansche  
Brides de fixation SAE

Cetop flanges ▪ Bridas Cetop ▪ Cetop-Flansche ▪ Brides Cetop

| 265



BCTS



BCT



# SAE FLANGES

Bridas SAE  
SAE-Flansche  
Brides de fixation SAE

## BSP Female threaded flange

Brida roscada hembra BSP

Gewindeflansch w BSP

Bride taraudée femelle BSP



SERIE	ROSCA THREAD	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	1/2" BSP	1/2"	BBRG30808	15,21
3000 PSI	3/8" BSP	1/2"	BBRG30806	15,21
3000 PSI	3/4" BSP	3/4"	BBRG31212	17,34
3000 PSI	1/2" BSP	3/4"	BBRG31208	17,34
3000 PSI	1" BSP	1"	BBRG31616	20,08
3000 PSI	3/4" BSP	1"	BBRG31612	20,08
3000 PSI	1"1/4 BSP	1"1/4	BBRG32020	25,04
3000 PSI	1" BSP	1"1/4	BBRG32016	25,04
3000 PSI	1"1/2 BSP	1"1/2	BBRG32424	33,76
3000 PSI	1"1/4 BSP	1"1/2	BBRG32420	38,22
3000 PSI	2" BSP	2"	BBRG33232	47,38
3000 PSI	1"1/2 BSP	2"	BBRG33224	38,53
3000 PSI	2"1/2 BSP	2"1/2	BBRG34040	85,42
3000 PSI	2" BSP	2"1/2	BBRG34032	64,58
3000 PSI	2"1/2 BSP	3"	BBRG34840	64,08
3000 PSI	3" BSP	3"	BBRG34848	58,60
3000 PSI	3"1/2 BSP	3"1/2	BBRG35656	111,91
3000 PSI	3" BSP	3"1/2	BBRG35648	118,97
3000 PSI	4" BSP	4"	BBRG36464	102,10
3000 PSI	3"1/2 BSP	4"	BBRG36456	128,97
6000 PSI	1/2" BSP	1/2"	BBRG60808	18,55
6000 PSI	3/8" BSP	1/2"	BBRG60806	18,55
6000 PSI	3/4" BSP	3/4"	BBRG61212	27,68
6000 PSI	1/2" BSP	3/4"	BBRG61208	27,68
6000 PSI	1" BSP	1"	BBRG61616	33,76
6000 PSI	3/4" BSP	1"	BBRG61612	33,76
6000 PSI	1"1/4 BSP	1"1/4	BBRG62020	48,16
6000 PSI	1" BSP	1"1/4	BBRG62016	48,16
6000 PSI	1"1/4 BSP	1"1/2	BBRG62420	80,20
6000 PSI	1"1/2 BSP	1"1/2	BBRG62424	80,20
6000 PSI	2" BSP	2"	BBRG63232	101,67
6000 PSI	1"1/2 BSP	2"	BBRG63224	115,99

## BSP Female threaded counter-flange

Contrabrida roscada hembra BSP

Gewindegegenflansch w BSP

Contre-bride taraudée femelle BSP



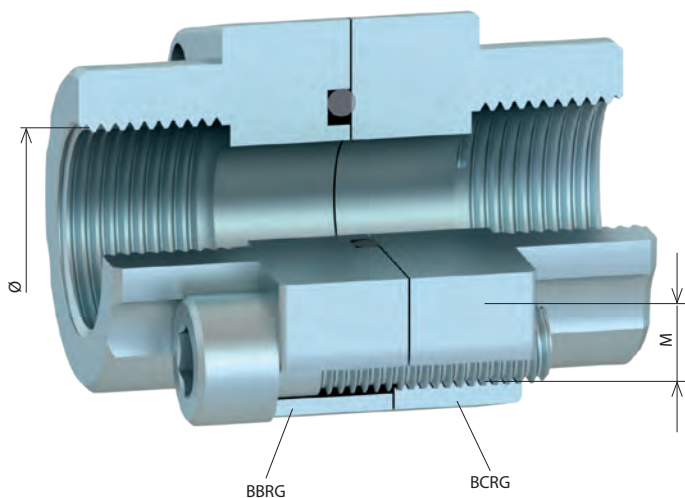
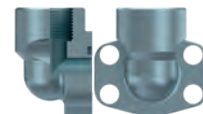
SERIE	ROSCA THREAD	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	1/2" BSP	1/2"	BCRG30808	15,21
3000 PSI	3/8" BSP	1/2"	BCRG30806	17,54
3000 PSI	3/4" BSP	3/4"	BCRG31212	17,34
3000 PSI	1/2" BSP	3/4"	BCRG31208	19,97
3000 PSI	1" BSP	1"	BCRG31616	19,97
3000 PSI	3/4" BSP	1"	BCRG31612	25,08
3000 PSI	1"1/4 BSP	1"1/4	BCRG32020	26,46
3000 PSI	1" BSP	1"1/4	BCRG32016	31,02
3000 PSI	1"1/2 BSP	1"1/2	BCRG32424	35,49
3000 PSI	1"1/4 BSP	1"1/2	BCRG32420	49,84
3000 PSI	2" BSP	2"	BCRG33232	40,05
3000 PSI	1"1/2 BSP	2"	BCRG33224	44,51
3000 PSI	2"1/2 BSP	2"1/2	BCRG34040	64,18
3000 PSI	2" BSP	2"1/2	BCRG34032	71,94
3000 PSI	3" BSP	3"	BCRG34848	92,39
3000 PSI	2"1/2 BSP	3"	BCRG34840	94,55
3000 PSI	3"1/2 BSP	3"1/2	BCRG35656	108,95
3000 PSI	3" BSP	3"1/2	BCRG35648	91,15
3000 PSI	4" BSP	4"	BCRG36464	90,34
3000 PSI	3"1/2 BSP	4"	BCRG36456	98,75
6000 PSI	1/2" BSP	1/2"	BCRG60808	18,55
6000 PSI	3/8" BSP	1/2"	BCRG60806	18,55
6000 PSI	3/4" BSP	3/4"	BCRG61212	27,68
6000 PSI	1/2" BSP	3/4"	BCRG61208	27,68
6000 PSI	1" BSP	1"	BCRG61616	33,76
6000 PSI	3/4" BSP	1"	BCRG61612	31,84
6000 PSI	1"1/4 BSP	1"1/4	BCRG62020	48,16
6000 PSI	1" BSP	1"1/4	BCRG62016	44,51
6000 PSI	1"1/2 BSP	1"1/2	BCRG62424	80,20
6000 PSI	1"1/4 BSP	1"1/2	BCRG62420	64,08
6000 PSI	2" BSP	2"	BCRG63232	101,67
6000 PSI	1"1/2 BSP	2"	BCRG63224	84,26

## 90° BSP female threaded flange

Brida codo 90° roscada hembra BSP

Gewindeflansch Winkel 90° w BSP

Bride 90° taraudée femelle BSP



SERIE	ROSCA THREAD	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	1/2" BSP	1/2"	B9ORG30808	40,45
3000 PSI	3/8" BSP	1/2"	B9ORG30806	43,58
3000 PSI	3/4" BSP	3/4"	B9ORG31212	46,54
3000 PSI	1" BSP	1"	B9ORG31616	49,78
3000 PSI	1"1/4 BSP	1"1/4	B9ORG32020	58,10
3000 PSI	1"1/2 BSP	1"1/2	B9ORG32424	74,22
3000 PSI	2" BSP	2"	B9ORG33232	89,73
6000 PSI	1/2" BSP	1/2"	B9ORG60808	47,15
6000 PSI	3/8" BSP	1/2"	B9ORG60806	47,15
6000 PSI	3/4" BSP	3/4"	B9ORG61212	50,09
6000 PSI	1" BSP	1"	B9ORG61616	57,59
6000 PSI	1"1/4 BSP	1"1/4	B9ORG62020	73,40
6000 PSI	1"1/2 BSP	1"1/2	B9ORG62424	88,92

# SAE FLANGES

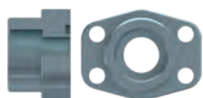
Bridas SAE  
SAE-Flansche  
Brides de fixation SAE

## Welding female flange for gas tube

Brida soldable hembra tubo gas

Schweißflansch w Rohr Gas

Bride à souder femelle tube gaz



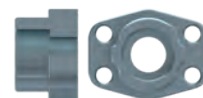
SERIE	Ø INT. Ø INNER	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	21.6	1/2"	BBSG308216	14,21
3000 PSI	17.5	1/2"	BBSG308175	15,21
3000 PSI	27.2	3/4"	BBSG312272	17,34
3000 PSI	34	1"	BBSG316340	19,97
3000 PSI	42.8	1"1/4	BBSG320428	26,46
3000 PSI	48.6	1"1/2	BBSG324486	35,49
3000 PSI	61	2"	BBSG332610	40,05
3000 PSI	76.6	2"1/2	BBSG340766	64,18
3000 PSI	90.5	3"	BBSG348905	55,46
3000 PSI	103	3"1/2	BBSG3561030	78,88
3000 PSI	115.5	4"	BBSG341155	144,38
6000 PSI	17.5	1/2"	BBSG608175	20,68
6000 PSI	21.6	1/2"	BBSG608216	20,68
6000 PSI	27.2	3/4"	BBSG612272	27,68
6000 PSI	34	1"	BBSG621612	33,76
6000 PSI	42.8	1"1/4	BBSG620428	48,16
6000 PSI	48.6	1"1/2	BBSG624486	73,25
6000 PSI	61	2"	BBSG632610	96,46

## Welding female counter-flange for gas tube

Contrabrida soldable hembra tubo gas

Schweiß-Gegenflansch w Rohr Gas

Contre-bride à souder femelle tube gaz



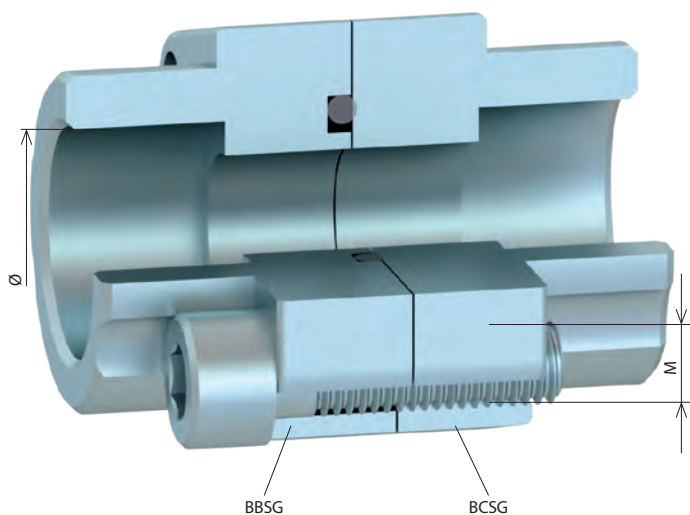
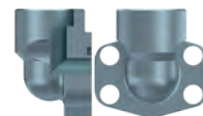
SERIE	Ø INT. Ø INNER	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	21.6	1/2"	BCSG308216	18,35
3000 PSI	17.5	1/2"	BCSG308175	15,21
3000 PSI	27.2	3/4"	BCSG312272	17,34
3000 PSI	34	1"	BCSG316340	19,97
3000 PSI	42.8	1"1/4	BCSG320428	26,46
3000 PSI	48.6	1"1/2	BCSG324486	35,49
3000 PSI	61	2"	BCSG332610	40,05
3000 PSI	76.6	2"1/2	BCSG340766	46,03
3000 PSI	90.5	3"	BCSG348905	83,32
3000 PSI	103	3"1/2	BCSG3561030	78,88
3000 PSI	115.5	4"	BCSG3641155	84,26
6000 PSI	21.6	1/2"	BCSG608216	20,68
6000 PSI	27.2	3/4"	BCSG612272	27,68
6000 PSI	34	1"	BCSG616340	33,76
6000 PSI	42.8	1"1/4	BCSG620428	48,16
6000 PSI	48.6	1"1/2	BCSG624486	73,25
6000 PSI	61	2"	BCSG632610	96,46

## 90° welding female flange for gas tube

Brida codo 90° soldable hembra tubo gas

Vorschweißflansch Winkel 90° w Rohr Gas

Bride 90° à souder femelle tube gaz



SERIE	Ø INT. Ø INNER	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	21.6	1/2"	B90SG308216	40,50
3000 PSI	17.5	1/2"	B90SG308175	37,81
3000 PSI	27.2	3/4"	B90SG312272	43,49
3000 PSI	34	1"	B90SG316340	46,52
3000 PSI	42.8	1"1/4	B90SG320428	55,46
3000 PSI	48.6	1"1/2	B90SG324486	67,93
3000 PSI	61	2"	B90SG332610	82,73
6000 PSI	21.6	1/2"	B90SG608216	44,06
6000 PSI	17.5	1/2"	B90SG608175	56,09
6000 PSI	27.2	3/4"	B90SG612272	47,65
6000 PSI	34	1"	B90SG616340	55,46
6000 PSI	42.8	1"1/4	B90SG620428	82,53
6000 PSI	48.6	1"1/2	B90SG624486	117,78

## SAE FLANGES

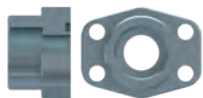
Bridas SAE  
SAE-Flansche  
Brides de fixation SAE

### Female welding flange for metric tube

Brida soldable hembra tubo métrico

Schweißflansch w Rohr metr.

Bride à souder femelle tube métrique



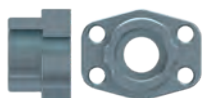
SERIE	Ø INT. Ø INNER	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	20.3	1/2"	BBSM308203	14,21
3000 PSI	25.3	3/4"	BBSM312253	19,06
3000 PSI	30.3	1"	BBSM316303	22,31
3000 PSI	38.3	1"1/4	BBSM320383	25,45
3000 PSI	50.5	1"1/2	BBSM324505	32,65
6000 PSI	20.3	1/2"	BBSM608203	19,33
6000 PSI	25.3	3/4"	BBSM612253	25,87
6000 PSI	30.3	1"	BBSM616303	26,26
6000 PSI	38.3	1"1/4	BBSM620383	36,70
6000 PSI	50.5	1"1/2	BBSM624505	54,65

### Female welding counter-flange for metric tube

Contrabrida soldable hembra tubo métrico

Schweiß-Gegenflansch w Rohr metr.

Contre-bride à souder femelle tube métrique



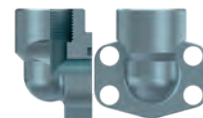
SERIE	Ø INT. Ø INNER	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	20.3	1/2"	BCSM308203	14,21
3000 PSI	25.3	3/4"	BCSM312253	19,06
3000 PSI	30.3	1"	BCSM316303	22,31
3000 PSI	38.3	1"1/4	BCSM320383	25,45
6000 PSI	20.3	1/2"	BCSM608203	20,68
6000 PSI	25.3	3/4"	BCSM612253	22,31
6000 PSI	30.3	1"	BCSM616303	26,26
6000 PSI	38.3	1"1/4	BCSM620383	36,70
6000 PSI	50.5	1"1/2	BCSM624505	54,65

### 90° female welding flange for metric tube

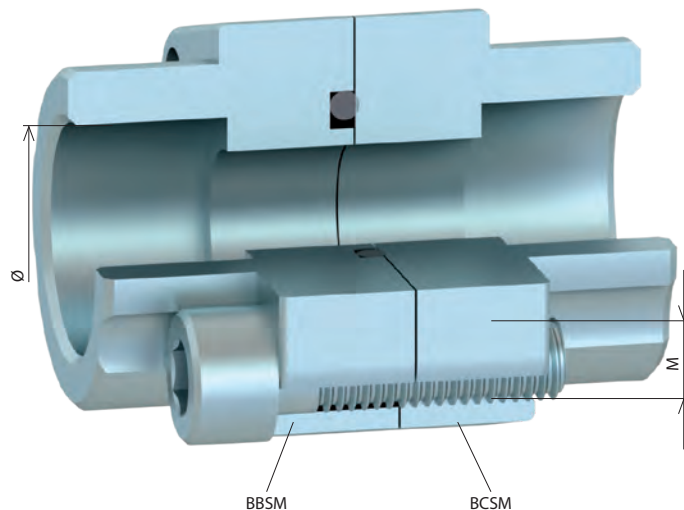
Brida codo 90° soldable hembra tubo métrico

Vorschweißflansch Winkel 90° w Rohr metr.

Bride 90° à souder femelle tube métrique



SERIE	Ø INT. Ø INNER	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	20.3	1/2"	B90SM308203	39,24
3000 PSI	25.3	3/4"	B90SM312253	43,49
3000 PSI	30.3	1"	B90SM316303	46,52
3000 PSI	38.3	1"1/4	B90SM320383	65,00
3000 PSI	50.5	1"1/2	B90SM324505	91,06
6000 PSI	20.3	1/2"	B90SM608203	44,06
6000 PSI	25.3	3/4"	B90SM612253	44,54
6000 PSI	30.3	1"	B90SM616303	55,46
6000 PSI	38.3	1"1/4	B90SM620383	67,93
6000 PSI	50.3	1"1/2	B90SM624503	82,73



# SAE FLANGES

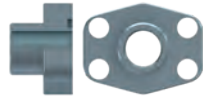
Bridas SAE  
SAE-Flansche  
Brides de fixation SAE

## Male welding flange for gas tube

Brida soldable macho tubo gas

Schweißflansch m Rohr Gas

Bride à souder mâle tube gaz



SERIE	Ø EXT. Ø OUTER	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	21.5	1/2"	BMSG308215	18,35
3000 PSI	17.5	1/2"	BMSG308175	18,35
3000 PSI	28	3/4"	BMSG312280	17,15
3000 PSI	34	1"	BMSG316340	22,31
3000 PSI	42.8	1"1/4	BMSG320428	24,73
3000 PSI	48.6	1"1/2	BMSG324486	42,17
3000 PSI	61	2"	BMSG332610	39,03
3000 PSI	77	2"1/2	BMSG340770	46,03
3000 PSI	92	3"	BMSG348920	55,46
3000 PSI	103	3"1/2	BMSG356103	78,88
6000 PSI	21.5	1/2"	BMSG608215	20,68
6000 PSI	17.5	1/2"	BMSG608175	20,68
6000 PSI	28	3/4"	BMSG612280	20,85
6000 PSI	34	1"	BMSG616340	30,61
6000 PSI	42.8	1"1/4	BMSG620428	34,30
6000 PSI	48.6	1"1/2	BMSG624486	51,07
6000 PSI	61	2"	BMSG632610	71,99

## Male welding counter-flange for gas tube

Contrabrida soldable macho tubo gas

Schweiß-Gegenflansch m Rohr Gas

Contre-bride à souder mâle tube gaz



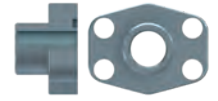
SERIE	Ø EXT. Ø OUTER	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	21.5	1/2"	BCMSG308215	18,35
3000 PSI	17.5	1/2"	BCMSG308175	18,35
3000 PSI	28	3/4"	BCMSG312280	17,15
3000 PSI	34	1"	BCMSG316340	20,85
3000 PSI	42.8	1"1/4	BCMSG320428	33,81
3000 PSI	48.6	1"1/2	BCMSG324486	32,65
3000 PSI	61	2"	BCMSG332610	39,03
3000 PSI	77	2"1/2	BCMSG340770	61,78
3000 PSI	92	3"	BCMSG348920	55,46
3000 PSI	103	3"1/2	BCMSG561030	78,88
3000 PSI	115.5	4"	BCMSG3641155	84,26
6000 PSI	21.5	1/2"	BCMSG608215	20,68
6000 PSI	17.5	1/2"	BCMSG608175	20,68
6000 PSI	28	3/4"	BCMSG612280	22,31
6000 PSI	34	1"	BCMSG616340	30,61
6000 PSI	42.8	1"1/4	BCMSG620428	36,70
6000 PSI	48.6	1"1/2	BCMSG624486	54,65
6000 PSI	61	2"	BCMSG632610	71,99

## Male welding flange for metric tube

Brida soldable macho tubo métrico

Schweißflansch m Rohr metr.

Bride à souder mâle tube métrique



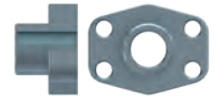
SERIE	Ø EXT. Ø OUTER	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	25	3/4"	BMSM31225	24,92
3000 PSI	30	1"	BMSM31630	29,09
3000 PSI	38	1"1/4	BMSM32038	33,25
3000 PSI	42	1"1/2	BMSM32442	42,63
3000 PSI	61	2"	BMSM33261	39,03
3000 PSI	49	2"	BMSM33249	39,03
3000 PSI	77	3"	BMSM34877	55,46
3000 PSI	77	3"1/2	BMSM35677	102,96
3000 PSI	90	3"1/2	BMSM35690	102,96
3000 PSI	77	4"	BMSM36477	84,26
3000 PSI	90	4"	BMSM36490	84,26
6000 PSI	20	1/2"	BMSM60820	20,68
6000 PSI	20	3/4"	BMSM61220	29,09
6000 PSI	25	3/4"	BMSM61225	29,09
6000 PSI	25	1"	BMSM61625	36,06
6000 PSI	30	1"	BMSM61630	36,06
6000 PSI	38	1"1/4	BMSM62038	47,91
6000 PSI	38	1"1/2	BMSM62438	71,32
6000 PSI	61	2"	BMSM63261	71,99

## Male welding counter-flange for metric tube

Contrabrida soldable macho tubo métrico

Schweiß-Gegenflansch m Rohr metr.

Contre-bride à souder mâle tube métrique



SERIE	Ø EXT. Ø OUTER	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	25	3/4"	BCMSM31225	19,06
3000 PSI	30	1"	BCMSM31630	22,31
3000 PSI	38	1"1/4	BCMSM32038	33,25
3000 PSI	42	1"1/2	BCMSM32442	32,65
3000 PSI	49	1"1/2	BCMSM32449	42,63
3000 PSI	61	2"	BCMSM33261	39,03
3000 PSI	49	2"	BCMSM33249	48,72
3000 PSI	77	2"1/2	BCMSM34077	46,03
3000 PSI	77	3"	BCMSM34877	55,46
3000 PSI	77	3"1/2	BCMSM35677	78,88
3000 PSI	90	3"1/2	BCMSM35690	78,88
3000 PSI	90	4"	BCMSM36490	84,26
6000 PSI	20	1/2"	BCMSM60820	20,68
6000 PSI	20	3/4"	BCMSM61220	29,09
6000 PSI	25	3/4"	BCMSM61225	29,09
6000 PSI	25	1"	BCMSM61625	36,06
6000 PSI	30	1"	BCMSM61630	36,06
6000 PSI	38	1"1/4	BCMSM62038	47,91
6000 PSI	38	1"1/2	BCMSM62438	71,32
6000 PSI	61	2"	BCMSM63261	71,99

## SAE FLANGES

Bridas SAE  
SAE-Flansche  
Brides de fixation SAE

### Male welding flange L serie for metric tube

Brida soldable macho serie L tubo métrico

Schweißflansch m Rohr metr. Serie L

Bride à souder mâle série L tube métrique



SERIE	Ø EXT. Ø OUTER	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	20	1/2"	BMSLM30820	23,90
3000 PSI	22	1/2"	BMSLM30822	23,90
3000 PSI	28	3/4"	BMSLM31228	24,92
3000 PSI	35	1"	BMSLM31635	29,09
3000 PSI	43	1"1/4	BMSLM32043	33,25
3000 PSI	49	1"1/2	BMSLM32449	42,63
3000 PSI	61	2"	BMSLM33261	50,98
3000 PSI	77	2"1/2	BMSLM34077	46,03
3000 PSI	90	3"	BMSLM34890	83,32
3000 PSI	115	4"	BMSLM364115	84,26

### Male welding counter-flange L serie for metric tube

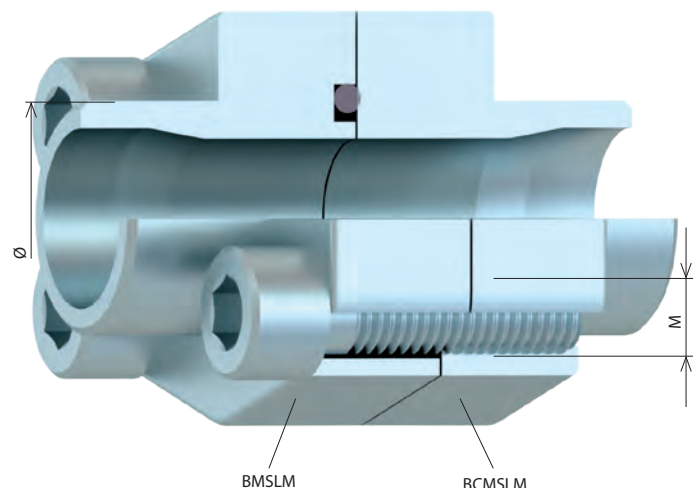
Contrabrida soldable macho serie L tubo métrico

Schweiß-Gegenflansch m Rohr metr., Serie L

Contre-bride à souder mâle série L tube métrique



SERIE	Ø EXT. Ø OUTER	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	20	1/2"	BCMSLM30820	23,90
3000 PSI	22	1/2"	BCMSLM30822	23,90
3000 PSI	28	3/4"	BCMSLM31228	24,92
3000 PSI	35	1"	BCMSLM31635	29,09
3000 PSI	43	1"1/4	BCMSLM32043	33,25
3000 PSI	49	1"1/2	BCMSLM32449	42,63
3000 PSI	61	2"	BCMSLM33261	39,03
3000 SPI	77	2"1/2	BCMSLM34077	46,03
3000 PSI	90	3"	BCMSLM34890	55,91
3000 PSI	115	4"	BCMSLM364115	84,26



BMSLM

BCMSLM

### Screws for SAE flanges

Tornillos para bridas SAE

Schrauben für SAE-Flansche

Vis pour brides SAE



ROSCA THREAD	TAMAÑO SIZE	Referencia Part n°	€
M8X30	3000-6000 PSI 1/2"	TB8X30	0,29
M10X35	3000 PSI 3/4"-1"	TB10X35	0,64
M10X40	3000 PSI 1" 1/4 - 6000 PSI 3/4"	TB10X40	0,85
M12X45	3000 PSI 1"1/2-2"-2"1/2-6000 PSI 1"	TB12X45	1,23
M14X45	6000 PSI 1"1/4	TB14X45	1,58
M16X50	3000 PSI 3"-3" 1/2-4" - 6000 PSI 1" 1/2	TB16X50	2,01
M20X70	6000 PSI 2"	TB20X70	3,90

### Seals for 3000/6000 PSI flange

Juntas para bridas SAE 3000/6000 PSI

Dichtungen 3000/6000 PSI-Flansch

Jointes pour bride série 3000/6000



TAMAÑO SIZE	Ø INT. Ø INNER	Ø EXT. Ø OUTER	Referencia Part n°	€
1/2"	17.02	25.40	JBR08	*
3/4"	23.36	31.72	JBR12	*
1"	31.24	39.62	JBR16	*
1"1/4	36.07	44.45	JBR20	*
1"1/2	45.34	53.98	JBR24	*
2"	54.86	63.50	JBR32	*

See prices page 61 / \*Ver precios en p.61 / \* Vgl. Sie die Preise auf S.61 / \*Voir les prix page 61

### O-rings for 3000/6000 PSI flange

Juntas tóricas para bridas SAE 3000/6000 PSI

O-Ringe für 3000/6000 PSI-Flansch

O-rings pour bride série 3000/6000 PSI



TAMAÑO SIZE	Ø INT. Ø INNER	Referencia Part n°	€
1/2"	18.64	18.64X3.53	*
3/4"	24.99	24.99X3.53	*
1"	32.92	32.92X3.53	*
1"1/4	37.70	37.70X3.53	*
1"1/2	47.22	47.22X3.53	*
2"	56.74	56.74X3.53	*

See prices page 61 / \*Ver precios en p.61 / \* Vgl. Sie die Preise auf S.61 / \*Voir les prix page 61

# SAE FLANGES

Bridas SAE  
SAE-Flansche  
Brides de fixation SAE

## BSP Male threaded flange

Brida roscada macho BSP

Gewindeflansch m BSP

Brides taraudées mâle BSP



SERIE	ROSCA THREAD	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	3/8" BSP	1/2"	BMRG30806	40,54
3000 PSI	1/2" BSP	1/2"	BMRG30808	35,36
3000 PSI	3/4" BSP	3/4"	BMRG31212	38,20
3000 PSI	1/2" BSP	3/4"	BMRG31208	34,27
3000 PSI	1" BSP	1"	BMRG31616	20,08
3000 PSI	3/4" BSP	1"	BMRG31612	20,08
3000 PSI	1"1/4 BSP	1"1/4	BMRG32020	25,04
3000 PSI	1" BSP	1"1/4	BMRG32016	25,04
3000 PSI	1"1/2 BSP	1"1/2	BMRG32424	33,76
3000 PSI	1"1/4 BSP	1"1/2	BMRG32420	33,76
6000 PSI	1/2" BSP	1/2"	BMRG60808	38,46
6000 PSI	3/8" BSP	1/2"	BMRG60806	41,53
6000 PSI	3/4" BSP	3/4"	BMRG61212	27,68
6000 PSI	1/2" BSP	3/4"	BMRG61208	50,91
6000 PSI	1" BSP	1"	BMRG61616	33,76
6000 PSI	3/4" BSP	1"	BMRG61612	33,76
6000 PSI	1"1/4 BSP	1"1/4	BMRG62020	48,16
6000 PSI	1" BSP	1"1/4	BMRG62016	48,16
6000 PSI	1"1/2 BSP	1"1/2	BMRG62424	60,93
6000 PSI	1"1/4 BSP	1"1/2	BMRG62420	67,12

## Metric Male threaded flange

Brida roscada macho métrico

Gewindeflansch m metr.

Brides taraudées mâle Métrique



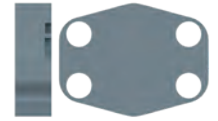
SERIE	ROSCA THREAD	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	M22x1,5	1/2"	BMRM30822	35,36
3000 PSI	M30x2	3/4"	BMRM31230	31,02
3000 PSI	M36x2	1"	BMRM31636	47,83
3000 PSI	M45x2	1"1/4	BMRM32045	57,16
3000 PSI	M52x2	1"1/2	BMRM32452	68,59
6000 PSI	M24x1,5	1/2"	BMRM60824	38,46
6000 PSI	M36x2	3/4"	BMRM61236	46,79
6000 PSI	M42x2	1"	BMRM61642	58,93
6000 PSI	M52x2	1"1/4	BMRM62052	67,28
6000 PSI	M52x2	1"1/2	BMRM62452	79,55

## Blind flanges

Bridas ciegas

Blindflansche

Brides avec obturateur fermé



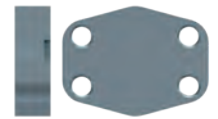
SERIE	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	1/2"	BBC308	16,12
3000 PSI	3/4"	BBC312	14,30
3000 PSI	1"	BBC316	15,31
3000 PSI	1"1/4	BBC320	17,54
3000 PSI	1"1/2	BBC324	17,84
3000 PSI	2"	BBC332	38,67
3000 PSI	2"1/2	BBC340	44,58
3000 PSI	3"	BBC348	38,22
3000 PSI	3"1/2	BBC356	45,22
3000 PSI	4"	BBC364	48,26
3000 PSI	5"	BBC380	102,61
6000 PSI	1/2"	BBC608	15,92
6000 PSI	3/4"	BBC612	16,73
6000 PSI	1"	BBC616	19,06
6000 PSI	1"1/4	BBC620	22,61
6000 PSI	1"1/2	BBC624	26,56
6000 PSI	2"	BBC632	42,08

## Blind counter-flanges

Contrabridas ciegas

Blind-/Gegenflansche

Contre-brides avec obturateur fermé



SERIE	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	1/2"	BCC308	13,59
3000 PSI	3/4"	BCC312	14,30
3000 PSI	1"	BCC316	16,73
3000 PSI	1"1/4	BCC320	21,70
3000 PSI	1"1/2	BCC324	28,43
3000 PSI	2"	BCC332	21,09
3000 PSI	2"1/2	BCC340	44,58
3000 PSI	3"	BCC348	38,22
3000 PSI	3"1/2	BCC356	45,22
3000 PSI	4"	BCC364	91,14
3000 PSI	5"	BCC380	102,61
6000 PSI	1/2"	BCC608	15,92
6000 PSI	3/4"	BCC612	16,73
6000 PSI	1"	BCC616	19,06
6000 PSI	1"1/4	BCC620	22,61
6000 PSI	1"1/2	BCC624	26,56
6000 PSI	2"	BCC632	42,08

# SAE FLANGES

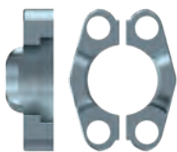
Bridas SAE  
SAE-Flansche  
Brides de fixation SAE

## SAE Split flange

Brida partida pasante

Durchgehender Halbflansch

Demi-bride SAE passage total



SERIE SERIES	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	1/2"	BBP308	*
3000 PSI	3/4"	BBP312	*
3000 PSI	1"	BBP316	*
3000 PSI	1"1/4	BBP320	*
3000 PSI	1"1/2	BBP324	*
3000 PSI	2"	BBP332	*
3000 PSI	2"1/2	BBP340	*
3000 PSI	3"	BBP348	*
3000 PSI	3"1/2	BBP356	*
3000 PSI	4"	BBP364	*
6000 PSI	1/2"	BBP608	*
6000 PSI	3/4"	BBP612	*
6000 PSI	1"	BBP616	*
6000 PSI	1"1/4	BBP620	*
6000 PSI	1"1/2	BBP624	*
6000 PSI	2"	BBP632	*

\*See prices in p.61(Standard Serie Fittings) / \*Ver precios en p.61(Conexiones Standard) / \*Vgl. Sie die Preise auf S. 61 (Armaturen Standardserie) / \*Prix à la p.61 (Emboutis Série Standard)

## Metric threaded counter-flange

Contrabrida rosca Métrica

Gegenflansch metr.

Contre-bride métrique



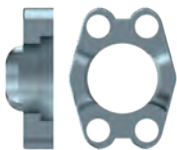
SERIE	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	1/2"	BCE308	14,16
3000 PSI	3/4"	BCE312	15,18
3000 PSI	1"	BCE316	17,47
3000 PSI	1"1/4	BCE320	20,60
3000 PSI	1"1/2	BCE324	23,90
3000 PSI	2"	BCE332	43,67
3000 PSI	2"1/2	BCE340	57,31
3000 PSI	3"	BCE348	63,37
3000 PSI	3"1/2	BCE356	93,99
3000 PSI	4"	BCE364	117,92
3000 PSI	5"	BCE380	143,36
6000 PSI	1/2"	BCE608	16,25
6000 PSI	3/4"	BCE612	19,56
6000 PSI	1"	BCE616	17,54
6000 PSI	1"1/4	BCE620	25,35
6000 PSI	1"1/2	BCE624	51,20
6000 PSI	2"	BCE632	99,65

## SAE Flange

Brida entera pasante

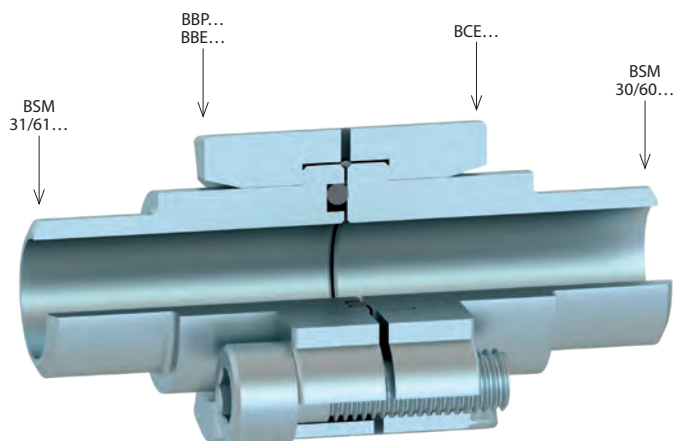
Durchgehender Vollflansch

Bride SAE monobloc passage total



SERIE SERIES	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	1/2"	BBE308	*
3000 PSI	3/4"	BBE312	*
3000 PSI	1"	BBE316	*
3000 PSI	1"1/4	BBE320	*
3000 PSI	1"1/2	BBE324	*
3000 PSI	2"	BBE332	*
3000 PSI	2"1/2	BBE340	*
3000 PSI	3"	BBE348	*
3000 PSI	3"1/2	BBE356	*
3000 PSI	4"	BBE364	*
3000 PSI	5"	BBE380	*
6000 PSI	1/2"	BBE608	*
6000 PSI	3/4"	BBE612	*
6000 PSI	1"	BBE616	*
6000 PSI	1"1/4	BBE620	*
6000 PSI	1"1/2	BBE624	*
6000 PSI	2"	BBE632	*

\*See prices in p.58(Standard Serie Fittings) / \*Ver precios en p.58(Conexiones Standard) / \*Vgl. Sie die Preise auf S. 58 (Armaturen Standardserie) / \*Prix à la p.58(Emboutis Série Standard)



# SAE FLANGES

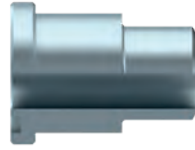
Bridas SAE  
SAE-Flansche  
Brides de fixation SAE

## Flange welding adaptor for metric tube

Brida cono soldable tubo métrico

Vorschweißflansch kon. Rohr metr.

Bride collet à souder tube métrique



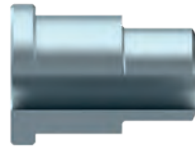
SERIE	Ø EXT. Ø OUTER	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	16	1/2"	BSM310816	19,53
3000 PSI	25	3/4"	BSM311225	7,30
3000 PSI	30	1"	BSM311630	10,24
3000 PSI	38	1"1/4	BSM3132038	11,66
3000 PSI	45	1"1/2	BSM312445	14,60
3000 PSI	60	2"	BSM313260	17,54
3000 PSI	70	2"1/2	BSM314070	44,51
3000 PSI	80	3"	BSM314880	78,48
3000 PSI	100	3"1/2	BSM3156100	102,30
3000 PSI	114.3	4"	BSM31641143	114,77
3000 PSI	139.7	5"	BSM31801397	141,24
6000 PSI	16	1/2"	BSM610816	7,30
6000 PSI	25	3/4"	BSM611225	10,24
6000 PSI	30	1"	BSM611630	14,60
6000 PSI	38	1"1/4	BSM612038	17,54
6000 PSI	45	1"1/2	BSM612445	21,80
6000 PSI	60	2"	BSM613260	29,10

## Counter-flange welding adaptor for metric tube

Contrabrida cono soldable tubo métrico

Schweiß-Gegenflansch kon. Rohr metr.

Contrebride collet à souder tube métrique



SERIE	Ø EXT. Ø OUTER	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	16	1/2"	BSM300816	13,28
3000 PSI	25	3/4"	BSM301225	14,80
3000 PSI	30	1"	BSM301630	15,61
3000 PSI	38	1"1/4	BSM302038	20,28
3000 PSI	45	1"1/2	BSM302445	25,75
3000 PSI	60	2"	BSM303260	33,56
3000 PSI	70	2"1/2	BSM304070	44,51
3000 PSI	80	3"	BSM304880	60,12
3000 PSI	100	3"1/2	BSM3056100	102,30
3000 PSI	114.3	4"	BSM30641143	114,77
3000 PSI	139.7	5"	BSM30801397	141,24
6000 PSI	16	1/2"	BSM600816	14,09
6000 PSI	25	3/4"	BSM601225	17,95
6000 PSI	30	1"	BSM601630	20,28
6000 PSI	38	1"1/4	BSM602038	23,42
6000 PSI	45	1"1/2	BSM602445	29,71
6000 PSI	60	2"	BSM603260	49,17

## Cetop welding adaptor

Cono Cetop soldable exterior

Cetop-Schweißadapter

Collet Cetop à souder



SERIE	Ø EXT. Ø OUTER	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	18	3/8"	BCTS30618	11,56
6000 PSI	18	3/8"	BCTS60618	13,89

## Cetop flanges

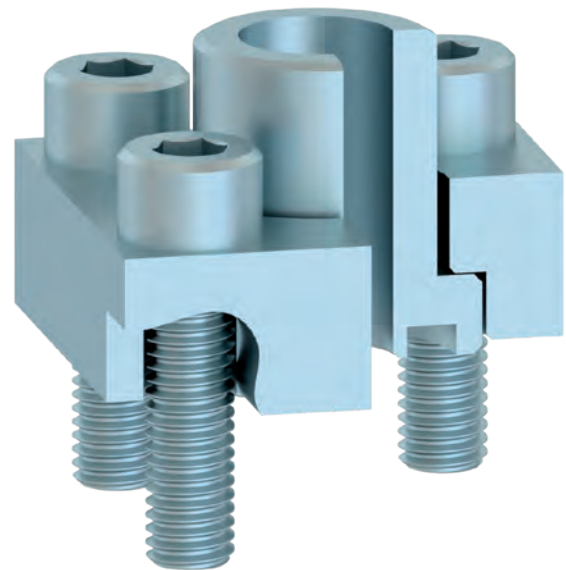
Bridas Cetop

Cetop-Flansche

Brides Cetop



SERIE	Ø INT. Ø INNER	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	31	1/2"	BCT30831	11,56



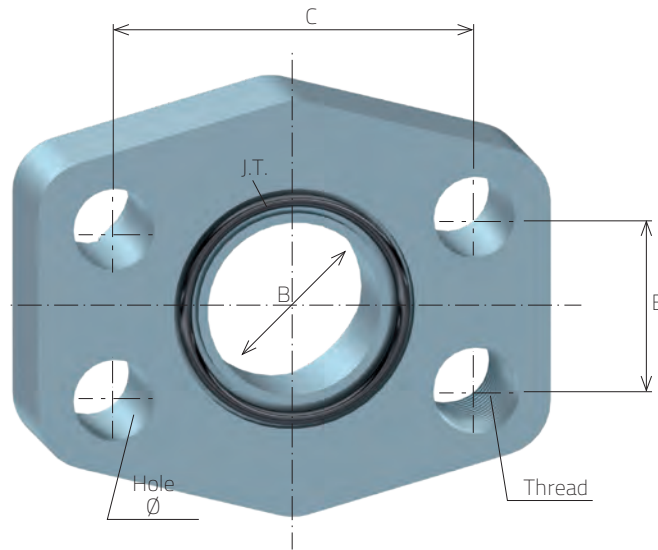


## BRIDAS SAE

SAE flanges  
Brides SAE  
Flangia SAE

### Características comunes

Common characteristics  
Données communes  
Caratteristiche comuni



### Bridas 3000 PSI

Flanges 3000 PSI  
Brides 3000 PSI  
Flangia 3000 PSI

Tamaño	Max. pre.	B	C	E	O'ring NBR	Junta PU	Ø	Tornillo *	Rosca
1/2"	345 bar	13	38,1	17,48	18,64 x 3,53	JBR08	9	TB8X30	M8
3/4"	345 bar	19	47,63	22,23	24,99 x 3,53	JBR12	11	TB10X35	M10
1"	345 bar	25	52,37	26,19	32,92 x 3,53	JBR16	11	TB10X35	M10
1 1/4"	276 bar	32	58,72	30,18	37,70 x 3,53	JBR20	11,5	TB10X40	M10
1 1/2"	207 bar	38	69,85	35,71	47,22 x 3,53	JBR24	13,5	TB12X45	M12
2"	207 bar	51	77,77	42,88	56,74 x 3,53	JBR32	13,5	TB12X45	M12
2 1/2"	172 bar	63	88,9	50,8	66,27 x 3,53		13,5	TB12X45	M12
3"	138 bar	73	106,38	61,93	85,32 x 3,53		17,5	TB16X50	M16
3 1/2"	34 bar	89	120,65	69,85	98,02 x 3,53		17,5	TB16X50	M16
4"	34 bar	99	130,18	77,77	110,72 x 3,53		17,5	TB16X50	M16

### Bridas 6000 PSI

Flanges 6000 PSI  
Brides 6000 PSI  
Flangia 6000 PSI

Tamaño	Max. pre.	B	C	E	O'ring NBR	Junta PU	Ø	Tornillo *	Rosca
1/2"	414 bar	13	40,49	18,24	18,64 x 3,53	JBR08	9	TB8X30	M8
3/4"	414 bar	19	50,8	23,8	24,99 x 3,53	JBR12	11	TB10X40	M10
1"	414 bar	25	57,15	27,76	32,92 x 3,53	JBR16	13	TB12X45	M12
1 1/4"	414 bar	32	66,68	31,75	37,70 x 3,53	JBR20	15	TB14X45	M14
1 1/2"	414 bar	38	79,38	36,5	47,22 x 3,53	JBR24	17	TB16X50	M16
2"	414 bar	51	98,82	44,45	56,74 x 3,53	JBR32	21	TB20X70	M20

#### \* Tornillos en acero carbono. Para tornillos en acero inoxidable, pedir ZTB...

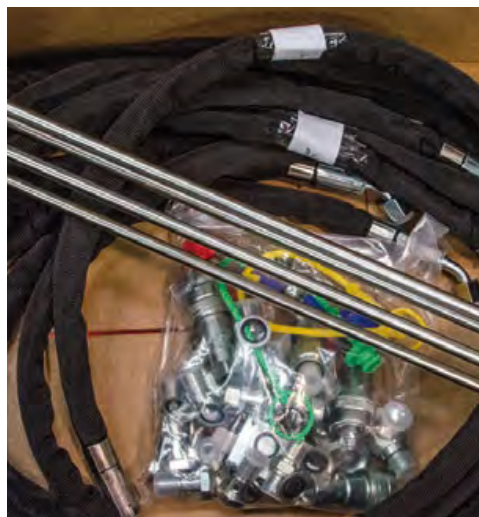
Screws are in carbon steel. For Stainless Steel screws, ask for ZTB... part number.  
Les vis sont en acier carbone. Pour vis en acier inoxydable, veuillez demander les références ZTB ...  
Le viti sono in acciaio al carbonio. Per viti in acciaio inox, ordinare con codice ZTB...

Equipos para trabajar el suelo | Equipment for soil ploughing  
Equipos de siembra, plantación y abonado | Sowing, planting and fertilizing  
Equipos para protección de cultivos | Crop protection equipment  
Equipos para riego | Irrigation equipment  
Máquinas de recolección | Collection machine  
Equipos para el manejo y traslado de productos agrícolas | Equipment  
for the handling and transfer of agricultural products  
Equipos para transformación, conservación del suelo | Equipment  
for transformation, soil conservation  
Máquinas forestales | Forestry machines  
Jardinería | Gardening

**TrAle**<sup>®</sup>

## MONTAJE DE KITS DE PRIMEROS EQUIPOS

En estos kits incluimos todas las piezas necesarias para que los clientes puedan ensamblar sus propios equipos. Integramos servicios de montaje, comerciales, tecnológicos y logísticos. Además, pueden ser personalizados, marcados y etiquetados.



In these kits we include all the necessary parts so the customers can mount their own equipment. We integrate assembly service, sales personnel, technology, and logistics. Additionally, the kits can be personalized, marked, and labeled.

**KITS FOR ORIGINAL EQUIPMENT MANUFACTURER**

**CLAMPS FOR PIPE - TRΔLE® 274**

Abrazaderas Serie ligera TrΔle®  
Schellen für Rohr TrΔle®  
Colliers de fixation TrΔle®

**CLAMPS DOUBLE SERIES - TRΔLE® 279**

Abrazaderas Serie doble TrΔle®  
Doppel-Serie TrΔle®  
Colliers Serie double TrΔle®

**CLAMPS HEAVY SERIES - TRΔLE® 282**

Abrazaderas Serie pesada TrΔle®  
Schwere Serie TrΔle®  
Colliers Série lourde TrΔle®

**ACCESSORIES FOR CLAMPS - TRΔLE® 285**

Accesorios abrazaderas TrΔle®  
Zubehör Schellen TrΔle®  
Accessoires colliers TrΔle®

# 04

## TRΔLE® CLAMPS

Abrazaderas TrΔle®

Schellen TrΔle®

Colliers TrΔle®



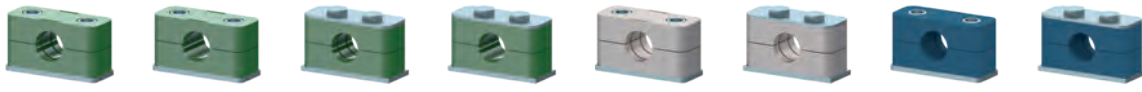
# CLAMPS FOR PIPE - TRALE®

Abrazaderas Serie ligera TrΔle®

Schellen für Rohr TrΔle®

Colliers de fixation TrΔle®

Light serie clamp ▪ Completas ▪ Befestigungsschellen - Leichte Serie ▪ Colliers de fixation série légère | 274



A40AZ A40AZPL A41AZ A41AZPL A40AL A41AL A40BL A41BL

Parts ▪ Componentes ▪ Zubehör ▪ Composants | 276



A..C AL..C A...AL A...BL AML APIN AVTE APS AVTC

Accessories ▪ Accesorios ▪ Zubehör ▪ Accessoires | 277



APAG AVTA APT APA

# CLAMPS DOUBLE SERIES - TRALE®

Abrazaderas Serie doble TrΔle®

Doppel-Serie TrΔle®

Colliers Serie double TrΔle®

Double ▪ Completas ▪ Doppelte ▪ Complets

| 279



AZCF5



AZCBL

Parts ▪ Componentes ▪ Komponenten ▪ Composants

| 279



AD..C



AD..BL



AZCAR



AD..AR



ADPIN



ADPS



ADVTE

Accessories ▪ Accesorios ▪ Zubehör ▪ Accessories

| 281



ADPAG



ADPA



ADVTA

**CLAMPS HEAVY SERIES - TRALE®**

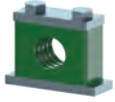
Abrazaderas Serie pesada TrAle®

Schwere Serie TrAle®

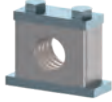
Colliers Série lourde TrAle®

Complete ▪ Completas ▪ Komplett ▪ Complètes

| 282



AZCPS



AZALPS

Parts ▪ Componentes ▪ Zubehör ▪ Accessoires

| 283



AMPP C



AMS



AMPP L



APVTA



AVTEP



APINP



APSP



APAP

## ACCESSORIES FOR CLAMPS - TRALE®

Accesorios abrazaderas TrΔle®

Zubehör Schellen TrΔle®

Accessoires colliers TrΔle®

Accessories for lane ▪ Accesorios carril ▪ Zubehör für Schiene ▪ Accessoires pour lane

| 285



TC/TS



## CLAMPS FOR PIPE - TRALE®

Abrazaderas Serie ligera TrΔle®

Schellen für Rohr TrΔle®

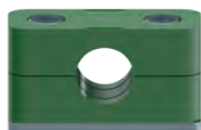
Colliers de fixation TrΔle®

### Light series simple clamp

Abrazadera simple completa, serie ligera

Einfache Befestigungsschelle komplett - Leichte Serie

Collier de fixation complet simple, série légère



DN	GRUPO GROUP	u/ Bolsa u/ Bag	Referencia Part n°	€
6	1	10	A40AZ06	1,53
8	1	10	A40AZ08	1,53
10	1	10	A40AZ10	1,53
12	1	10	A40AZ12	1,53
1/4"	2	10	A40AZ13.2	1,63
14	2	10	A40AZ14	1,63
15	2	10	A40AZ15	1,63
16	2	10	A40AZ16	1,63
3/8"	2	10	A40AZ16.7	1,63
18	2	10	A40AZ18	1,63
19	3	10	A40AZ19	1,93
20	3	10	A40AZ20	1,93
1/2"	3	10	A40AZ21.3	1,93
22	3	10	A40AZ22	1,93
25	3	10	A40AZ25	1,93
3/4"	4	10	A40AZ26.7	2,24
28	4	10	A40AZ28	2,24
30	4	10	A40AZ30	2,24
32	5	10	A40AZ32	2,88
1"	5	10	A40AZ33.3	2,88
35	5	10	A40AZ35	2,88
38	5	10	A40AZ38	2,88
40	5	10	A40AZ40	2,88
42	5	10	A40AZ42	2,88
1"1/2	6	10	A40AZ48.3	3,93
50.8	6	10	A40AZ50.8	3,93

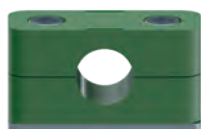
Polyamide plastics on request / Consultar plásticos en poliamida / Fragen Sie Teile aus Polyamid bitte nach / Plastique polyamide sur demande

### Light series simple clamp, plastic smooth profile

Abrazadera simple completa, serie ligera, plásticos perfil liso

Komplette einfache Klammer, leichte Reihe, Kunststoff glattes Profil

Collier de fixation complet simple, série légère, plastique profil lisse



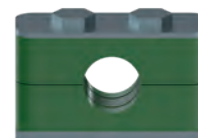
DN	GRUPO GROUP	u/ Bolsa u/ Bag	Referencia Part n°	€
8	1	10	A40AZ08PL	1,52
10	1	10	A40AZ10PL	1,52
12	1	10	A40AZ12PL	1,52
1/4"	2	10	A40AZ13.2PL	1,63
15	2	10	A40AZ15PL	1,63
3/8"	2	10	A40AZ16.7PL	1,63
18	2	10	A40AZ18PL	1,63
20	3	10	A40AZ20PL	1,93
1/2"	3	10	A40AZ21.3PL	1,93
22	3	10	A40AZ22PL	1,93
25	3	10	A40AZ25PL	1,93
3/4"	4	10	A40AZ26.7PL	2,24
28	4	10	A40AZ28PL	2,24
30	4	10	A40AZ30PL	2,24
1"	5	10	A40AZ33.3PL	2,88
35	5	10	A40AZ35PL	2,88
38	5	10	A40AZ38PL	2,88
42	5	10	A40AZ42PL	2,88

### Light series reinforced clamp

Abrazadera completa, serie ligera reforzada

Befestigungsschelle komplett - Leichte Serie verstärkt

Colliers de fixation simple série légère renforcés



DN	GRUPO GROUP	u/ Bolsa u/ Bag	Referencia Part n°	€
6	1	10	A41AZ06	1,85
8	1	10	A41AZ08	1,85
10	1	10	A41AZ10	1,85
12	1	10	A41AZ12	1,85
1/4"	2	10	A41AZ13.2	2,06
14	2	10	A41AZ14	2,06
15	2	10	A41AZ15	2,06
16	2	10	A41AZ16	2,06
3/8"	2	10	A41AZ16.7	2,06
18	2	10	A41AZ18	2,06
20	3	10	A41AZ20	2,41
1/2"	3	10	A41AZ21.3	2,41
22	3	10	A41AZ22	2,41
25	3	10	A41AZ25	2,41
3/4"	4	10	A41AZ26.7	2,77
28	4	10	A41AZ28	2,77
30	4	10	A41AZ30	2,77
1"	5	10	A41AZ33.7	3,53
35	5	10	A41AZ35	3,53
38	5	10	A41AZ38	3,53
40	5	10	A41AZ40	3,53
42	5	10	A41AZ42	3,53
44.5	6	10	A41AZ44.5	4,71
1"1/2	6	10	A41AZ48.3	4,71
50.8	6	10	A41AZ50.8	4,71

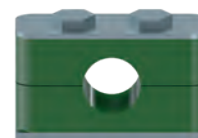
Polyamide plastics on request / Consultar plásticos en poliamida / Fragen Sie Teile aus Polyamid bitte nach / Plastique polyamide sur demande

### Light series reinforced clamp, plastic smooth profile

Abrazadera completa, serie ligera reforzada, plásticos perfil liso

Komplette Klammer, verstärkte leichte Reihe, Kunststoff glattes Profil

Colliers de fixation simple série légère renforcés, plastique profil lisse



DN	GRUPO GROUP	u/ Bolsa u/ Bag	Referencia Part n°	€
8	1	10	A41AZ08PL	1,85
10	1	10	A41AZ10PL	1,85
12	1	10	A41AZ12PL	1,85
1/4"	2	10	A41AZ13.2PL	2,06
15	2	10	A41AZ15PL	2,06
3/8"	2	10	A41AZ16.7PL	2,06
18	2	10	A41AZ18PL	2,06
20	3	10	A41AZ20PL	2,41
1/2"	3	10	A41AZ21.3PL	2,41
22	3	10	A41AZ22PL	2,41
25	3	10	A41AZ25PL	2,41
3/4"	4	10	A41AZ26.7PL	2,77
28	4	10	A41AZ28PL	2,77
30	4	10	A41AZ30PL	2,77
1"	5	10	A41AZ33.3PL	3,53
35	5	10	A41AZ35PL	3,53
38	5	10	A41AZ38PL	3,53
42	5	10	A41AZ42PL	3,53

# CLAMPS FOR PIPE - TRALE®

Abrazaderas Serie ligera TrΔle®

Schellen für Rohr TrΔle®

Colliers de fixation TrΔle®

## Complete simple clamp, light series, aluminium

Abrazadera simple completa, serie ligera, Aluminio

Einfache Rohrschelle komplett - Leichte Serie, Aluminium

Collier simple complet, série légère, aluminium



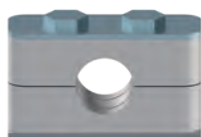
DN	GRUPO GROUP	u/ Bolsa u/ Bag	Referencia Part n°	€
6	1	10	A40AL06	4,55
8	1	10	A40AL08	4,55
10	1	10	A40AL10	4,55
12	1	10	A40AL12	4,55
1 1/4"	2	10	A40AL13.5	5,29
14	2	10	A40AL14	5,29
15	2	10	A40AL15	5,29
16	2	10	A40AL16	5,29
3/8"	2	10	A40AL17.2	5,29
18	2	10	A40AL18	5,29
19	3	10	A40AL19	5,81
20	3	10	A40AL20	5,81
1/2"	3	10	A40AL21.3	5,81
22	3	10	A40AL22	5,81
25	3	10	A40AL25	5,81
3/4"	4	10	A40AL26.9	7,23
28	4	10	A40AL28	7,23
30	4	10	A40AL30	7,23
32	5	10	A40AL32	11,78
1"	5	10	A40AL33.7	11,78
35	5	10	A40AL35	11,78
38	5	10	A40AL38	11,78
40	5	10	A40AL40	11,78
42	5	10	A40AL42	11,78
1 1/2"	6	10	A40AL48.3	14,31
50.8	6	10	A40AL50.8	14,31

## Complete simple clamp, light series reinforced, aluminium

Abrazadera completa, serie ligera reforzada, Aluminio

Rohrschelle komplett - Leichte Serie, verstärkt, Aluminium

Collier complet, série légère renforcée, aluminium



DN	GRUPO GROUP	u/ Bolsa u/ Bag	Referencia Part n°	€
6	1	10	A41AL06	5,14
8	1	10	A41AL08	5,14
10	1	10	A41AL10	5,14
12	1	10	A41AL12	5,14
1 1/4"	2	10	A41AL13.5	5,66
14	2	10	A41AL14	5,66
15	2	10	A41AL15	5,66
16	2	10	A41AL16	5,66
3/8"	2	10	A41AL17.2	5,66
18	2	10	A41AL18	5,66
19	3	10	A41AL19	6,11
20	3	10	A41AL20	6,11
1/2"	3	10	A41AL21.3	6,11
22	3	10	A41AL22	6,11
25	3	10	A41AL25	6,11
3/4"	4	10	A41AL26.9	7,45
28	4	10	A41AL28	7,45
30	4	10	A41AL30	7,45
32	5	10	A41AL32	10,58
1"	5	10	A41AL33.7	10,58
35	5	10	A41AL35	10,58
38	5	10	A41AL38	10,58
40	5	10	A41AL40	10,58
42	5	10	A41AL42	10,58
1 1/2"	6	10	A41AL48.3	14,31
50.8	6	10	A41AL50.8	14,31

## Light series simple clamp, blue plastic

Abrazadera simple completa, serie ligera, plásticos azules

Komplette einfache Klammer, leichte Reihe, Kunststoff blau

Collier de fixation complet simple, série légère, plastique bleu

NEW



DN	GRUPO GROUP	UNIDADES POR BOLSA UNITS PER BAG	Referencia Part n°	€
6	1	10	A40BL06	1,86
8	1	10	A40BL08	1,86
10	1	10	A40BL10	1,86
12	1	10	A40BL12	1,86
1 1/4"	2	10	A40BL13.5	2,09
14	2	15	A40BL15	2,09
15	2	10	A40BL16	2,09
16	2	10	A40BL18	2,09
18	2	10	A40BL20	2,31
20	3	10	A40BL21.3	2,31
1/2"	3	10	A40BL22	2,31
22	3	10	A40BL25	2,31
25	3	10	A40BL26.9	2,76
3/4"	4	10	A40BL28	2,76
28	4	10	A40BL30	2,76
30	4	10	A40BL33.7	3,58
1"	5	10	A40BL48.3	4,02
1 1/2"	6	10		

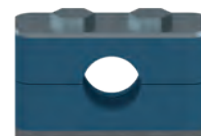
## Light series reinforced clamp, blue plastic

Abrazadera completa, serie ligera reforzada, plásticos azules

Komplette Klammer, verstärkte leichte Reihe, Kunststoff blau

Colliers de fixation simple série légère renforcés, plastique bleu

NEW



DN	GRUPO GROUP	UNIDADES POR BOLSA UNITS PER BAG	Referencia Part n°	€
6	1	10	A41BL06	2,31
8	1	10	A41BL08	2,31
10	1	10	A41BL10	2,31
12	1	10	A41BL12	2,31
1 1/4"	2	10	A41BL13.5	2,61
14	2	10	A41BL15	2,61
15	2	10	A41BL16	2,61
16	2	10	A41BL18	2,61
18	2	10	A41BL20	2,91
20	3	10	A41BL21.3	2,91
1/2"	3	10	A41BL22	2,91
22	3	10	A41BL25	2,91
25	3	10	A41BL26.9	3,43
3/4"	4	10	A41BL28	3,43
28	4	10	A41BL30	3,43
30	4	10	A41BL33.7	4,32
1"	5	10	A41BL48.3	4,77
1 1/2"	6	10		

## CLAMPS FOR PIPE - TRALE®

Abrazaderas Serie ligera TrΔle®

Schellen für Rohr TrΔle®

Colliers de fixation TrΔle®

### Plastics polypropylene simple, light series

Plásticos polipropileno, serie ligera

Polypropylenteile einfach, Leichte Serie

Plastique polypropylene, série légère



DN	GRUPO GROUP	Referencia Part n°	€
6	1	A106C	0,62
8	1	A108C	0,62
10	1	A110C	0,62
12	1	A112C	0,62
1/4"	2	A213.2C	0,64
14	2	A214C	0,64
15	2	A215C	0,64
3/8"	2	A216.7C	0,65
16	2	A216C	0,64
18	2	A218C	0,64
19	3	A319C	0,84
20	3	A320C	0,84
1/2"	3	A321.3C	0,84
22	3	A322C	0,84
23	3	A323C	0,84
25	3	A325C	0,84
3/4"	4	A426.7C	1,01
28	4	A428C	1,01
30	4	A430C	1,01
32	5	A532C	1,53
1"	5	A533.7C	1,53
35	5	A535C	1,53
38	5	A538C	1,53
40	5	A540C	1,53
42	5	A542C	1,53
44.5	6	A644.5C	2,34
1"1/2	6	A648.3C	2,34
50.8	6	A650.8C	2,34

Price per couple / Precio por pareja / Preis für ein Paar / Prix par paire

### Plastics smooth profile, light series

Plásticos perfil liso, serie ligera

Plastikteile glatt, Leichte Serie

Plastique profil lisse, série légère



DN	GRUPO GROUP	Referencia Part n°	€
8	1	AL108C	0,62
10	1	AL110C	0,62
12	1	AL112C	0,62
1/4"	2	AL213.2C	0,64
15	2	AL215C	0,64
3/8"	2	AL216.7C	0,64
18	2	AL218C	0,64
20	3	AL320C	0,84
1/2"	3	AL321.3C	0,84
22	3	AL322C	0,84
25	3	AL325C	0,84
3/4"	4	AL426.7C	1,01
28	4	AL428C	1,01
30	4	AL430C	1,01
1"	5	AL533.3C	1,53
35	5	AL535C	1,53
38	5	AL538C	1,53
42	5	AL542C	1,53

Price per couple / Precio por pareja / Preis für ein Paar / Prix par paire

### Aluminium clamp body, light series

Cuerpo abrazadera Aluminio, serie ligera

Körper Rohrschelle, leichte Serie, Aluminium

Corps collier aluminium, série légère



DN	GRUPO GROUP	Referencia Part n°	€
6	1	A106AL	3,28
8	1	A108AL	3,28
10	1	A110AL	3,28
12	1	A112AL	3,28
1/4"	2	A213.5AL	3,73
14	2	A214AL	3,73
15	2	A215AL	3,73
16	2	A216AL	3,73
3/8"	2	A217.2AL	3,73
18	2	A218AL	3,73
19	3	A319AL	4,02
20	3	A320AL	4,02
1/2"	3	A321.3AL	4,02
22	3	A322AL	4,02
25	3	A325AL	4,02
3/4"	4	A426.9AL	5,07
28	4	A428AL	5,07
30	4	A430AL	5,07
32	5	A532AL	7,75
1"	5	A533.7AL	7,75
35	5	A535AL	7,75
38	5	A538AL	7,75
40	5	A540AL	7,75
42	5	A542AL	7,75
1"1/2	6	A648.3AL	11,10
50.8	6	A650.8AL	11,10

### Blue Plastics polypropylene, light serie

NEW

Plásticos Polipropileno Serie Ligera Azul

Blau Polypropylenteile, Leichte Serie

Plastique polypropylene, série légère Bleu



DN	GRUPO GROUP	Referencia Part n°	€
6	1	A106BL	0,60
8	1	A108BL	0,60
10	1	A110BL	0,60
12	1	A112BL	0,60
1/4"	2	A213.5BL	0,67
15	2	A215BL	0,67
16	2	A216BL	0,67
18	2	A218BL	0,67
20	3	A320BL	0,82
1/2"	3	A321.3BL	0,82
22	3	A322BL	0,82
25	3	A325BL	0,82
3/4"	4	A426.9BL	0,97
28	4	A428BL	0,97
30	4	A430BL	0,97
1"	5	A533.7BL	1,56
1"1/2	6	A648.3BL	2,38

# CLAMPS FOR PIPE - TRALE®

Abrazaderas Serie ligera TrAle®

Schellen für Rohr TrAle®

Colliers de fixation TrAle®

## Plastic for anti-vibration clamps

Plásticos para abrazaderas anti-vibración

Plastikteile für Anti-Vibrationsschellen für Schläuche

Plastiques pour colliers de fixation anti-vibratoire



DN	SERIE	GRUPO GROUP	Referencia Part n°	€
12.7	L	4	AML401270	7,96
14	L	4	AML401400	7,96
19	L	4	AML401900	7,96
22	L	6	AML602200	11,58
28	L	6	AML602800	11,58
30	L	6	AML603000	11,58

Price per couple / Precio por pareja / Preis für ein Paar / Prix par paire

## Lower plate simple, light series

Chapas inferiores, serie ligera

Unterbleche, Leichte Serie

Plaques inférieures à souder série légère



GRUPO GROUP	Referencia Part n°	€
1	APIN1	0,74
2	APIN2	0,77
3	APIN3	0,86
4	APIN4	0,95
5	APIN5	1,02
6	APIN6	1,21

## Hexagonal bolt, light series reinforced

Tornillos cabeza hexagonal, serie ligera reforzada

Hexagonalkopf-Schrauben, Leichte Serie, verstärkt

Vis hexagonale, série légère renforcée



ROSCA THREAD	GRUPO GROUP	Referencia Part n°	€
M6	1	AVTE1	0,11
M6	2	AVTE2	0,15
M6	3	AVTE3	0,15
M6	4	AVTE4	0,17
M6	5	AVTE5	0,22
M6	6	AVTE6	0,26

## Upper plate, light series reinforced

Chapas superiores, serie ligera reforzada

Oberbleche, Leichte Serie - verstärkt

Plaques supérieures de protection, série légère renforcée



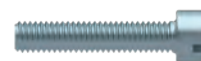
GRUPO GROUP	Referencia Part n°	€
1	APS1	0,35
2	APS2	0,44
3	APS3	0,49
4	APS4	0,56
5	APS5	0,65
6	APS6	0,79

## Simple Allen bolt, light series

Tornillos cabeza Allen, serie ligera

Allen-Schrauben, Leichte Serie

Vis tête six pans creux Allen série légère



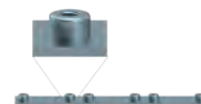
ROSCA THREAD	GRUPO GROUP	Referencia Part n°	€
M6	1	AVTC1	0,11
M6	2	AVTC2	0,13
M6	3	AVTC3	0,15
M6	4	AVTC4	0,17
M6	5	AVTC5	0,22
M6	6	AVTC6	0,24

## Jointed plate for simple clamp

Chapa agrupar abrazaderas simples

Verbindungsplatte für einfache Befestigungsschellen

Plaque à joindre pour collier simple



GRUPO GROUP	N° ABRAZ CLAMP QTY.	Referencia Part n°	€
1	10	APAG1	12,09
2	10	APAG2	12,89
3	10	APAG3	13,34

## Light serie screw to pile up

Tornillo apilar ligera

Hohlschraube für Stapelung - Leichte Serie

Vis pour empiler série légère



ROSCA THREAD	GRUPO GROUP	Referencia Part n°	€
M6	1	AVTA1	2,49
M6	2	AVTA2	2,56
M6	3	AVTA3	2,92
M6	4	AVTA4	3,18
M6	5	AVTA5	3,74
M6	6	AVTA6	3,49

## Elongated weld plate

Chapa atornillar Abr. Simples

Unterblech zum Verschrauben - einfach

Plaque à visser



GRUPO GROUP	Referencia Part n°	€
1	APT1	0,95
2	APT2	0,98
3	APT3	1,05
4	APT4	1,12
5	APT5	1,21
6	APT6	1,11

# CLAMPS FOR PIPE - TRALE®

Abrazaderas Serie ligera TrΔle®

Schellen für Rohr TrΔle®

Colliers de fixation TrΔle®

## Light serie plate to pile up

Chapa apilar ligera

Unterblech für Stapelung - Leichte Serie

Plaque pour empiler série légère



GRUPO GROUP	Referencia Part n°	€
1	APA1	0,29
2	APA2	0,36
3	APA3	0,44
4	APA4	0,51
5	APA5	0,53
6	APA6	0,66

## PROPIEDADES DE MATERIALES | MATERIAL PROPERTIES

	POLIPROPILENO Polypropilene (PP)	POLIAMIDA Polyamide (PA)	ALUMINIO Aluminium (AL)	ELASTOMEROS TERMOPLASTICOS Thermoplastic elastomer (TPE)
<b>PROPIEDADES MECÁNICAS   Mechanical properties</b>				
ENSAYO IZOD (Mellado,23°C) Izod Impact Strength (Notched,23°C)	>40 KJ/m2 ISO 180	>5 KJ/m2 ISO 180		
ENSAYO IZOD (Mellado,-30°C) Izod Impact Strength (Notched,-30°C)	>6 KJ/m2 ISO 180	>2 KJ/m2 ISO 180		
MÓDULO DE ELASTICIDAD Modulus of elasticity	1200-1250 N/mm2 ISO 527-2	>2000 N/mm2 ISO 527-2	70.000 N/mm2	3,6 N/mm2 (MODULUS@100) ASTM D 412
RESISTENCIA A LA TRACCIÓN Tensile strength	>23 N/mm2 ISO 527-2	>60 N/mm2 ISO 527-2	>160 N/mm2 DIN EN 10002	>3,95 N/mm2 ASTM D 412
DUREZA HARDNESS	>80 ISO 2039-2 (Rockwell-R)	>70 ISO 868 (Shore D)	>80 Brinell hardness	>85 ASTM D 2240 (Shore A)
<b>RANGO DE TEMPERATURAS temperature range</b>	<b>-30°C/90°C</b>	<b>-40°C/120°C</b>	<b>Max. 300°C</b>	<b>-40°C/120°C</b>
<b>PROPIEDADES QUÍMICAS   Chemical properties</b>				
ÁCIDOS, DISOLVENTES Acids, Solvents	RESISTENTE (según concentración) Conditionally Consistent	RESISTENTE (según concentración) Conditionally Consistent	RESISTENTE (según concentración) Conditionally Consistent	RESISTENTE (según concentración) Conditionally Consistent
HIDROCARBUROS, ACEITES MINERALES Hydrocarbons, Mineral oils	RESISTENTE (según concentración) Conditionally Consistent	RESISTENTE Consistent	RESISTENTE Consistent	RESISTENTE Consistent
ALCOHOL, AGUA DE MAR, OTROS ACEITES Alcohol, Seawater, Other oils	RESISTENTE Consistent	RESISTENTE Consistent	RESISTENTE Consistent	RESISTENTE Consistent

# CLAMPS DOUBLE SERIES - TRALE®

Abrazaderas Serie doble TrΔle®

Doppel-Serie TrΔle®

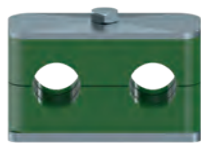
Colliers Serie double TrΔle®

## Double clamp - parallel

Abrazaderas dobles completas

Doppelte Befestigungsschellen - komplett

Colliers de fixation doubles complets



DN	GRUPO GROUP	u/ Bolsa u/ Bag	Referencia Part n°	€
6	1	10	AZCFS06	1,83
8	1	10	AZCFS08	1,83
10	1	10	AZCFS10	1,83
12	1	10	AZCFS12	1,83
1 1/4"	2	10	AZCFS13.2	2,52
14	2	10	AZCFS14	2,52
15	2	10	AZCFS15	2,52
16	2	10	AZCFS16	2,52
3/8"	2	10	AZCFS16.7	2,52
18	2	10	AZCFS18	2,52
19	3	10	AZCFS19	3,01
20	3	10	AZCFS20	3,01
1/2"	3	10	AZCFS21.3	3,01
22	3	10	AZCFS22	3,01
25	3	10	AZCFS25	3,01
3/4"	4	10	AZCFS26.7	3,61
28	4	10	AZCFS28	3,61
30	4	10	AZCFS30	3,61
32	5	10	AZCFS32	4,77
1"	5	10	AZCFS33.3	4,77
35	5	10	AZCFS35	4,77
38	5	10	AZCFS38	4,77
40	5	10	AZCFS40	4,77
42	5	10	AZCFS42	4,77

Polyamide and aluminium plastics, on request / Consultar plásticos en poliamida y aluminio / Fragen Sie  
Teile aus Polyamid und Aluminium bitte nach / Plastique polyamide et aluminium, sur demande

## Double plastics polypropylene

Plásticos polipropileno dobles

Polypropylenteile doppelt

Double plastiques polypropylene



DN	GRUPO GROUP	Referencia Part n°	€
6	1	AD106C	0,69
8	1	AD108C	0,69
10	1	AD110C	0,69
12	1	AD112C	0,69
1 1/4"	2	AD213.2C	0,80
14	2	AD214C	0,80
15	2	AD215C	0,80
3/8"	2	AD216.7C	0,80
16	2	AD216C	0,80
18	2	AD218C	0,80
19	3	AD319C	0,97
20	3	AD320C	0,97
1/2"	3	AD321.3C	0,97
22	3	AD322C	0,97
25	3	AD325C	0,97
3/4"	4	AD426.7C	1,22
28	4	AD428C	1,22
30	4	AD430C	1,22
32	5	AD532C	1,89
1"	5	AD533.3C	1,89
35	5	AD535C	1,89
38	5	AD538C	1,89
40	5	AD540C	1,89
42	5	AD542C	1,89

Price per couple / Precio por pareja / Preis für ein Paar / Prix par paire

## Double clamp - parallel, blue

Abrazaderas dobles completas, plástico azul

Doppelte Befestigungsschellen - komplett, blau

Colliers de fixation doubles complets, bleu



DN	GRUPO GROUP	UNIDADES POR BOLSA UNITS PER BAG	Referencia Part n°	€
8	1	10	AZCBL08	1,88
10	1	10	AZCBL10	1,88
12	1	10	AZCBL12	1,88
14	2	10	AZCBL14	2,83
15	2	10	AZCBL15	2,83
16	2	10	AZCBL16	2,83
18	2	10	AZCBL18	2,83
20	3	10	AZCBL20	3,58
22	3	10	AZCBL22	3,58
25	3	10	AZCBL25	3,58

## Blue Double plastics polypropylene

Plástico Polipropileno Doble Azul

Blau Polypropylenteile doppelt

Plastiques polypropylene doubles Bleu



DN	GRUPO GROUP	Referencia Part n°	€
8	1	AD108BL	0,75
10	1	AD110BL	0,75
12	1	AD112BL	0,75
14	2	AD214BL	0,89
15	2	AD215BL	0,89
16	2	AD216BL	0,89
18	2	AD218BL	0,89
20	3	AD320BL	1,04
22	3	AD322BL	1,04
25	3	AD325BL	1,04

**CLAMPS DOUBLE SERIES - TRALE®**

Abrazaderas Serie doble TrAle®

Doppel-Serie TrAle®

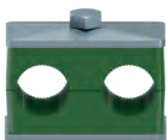
Colliers Serie double TrAle®

**Full anti-rotational double clamps**

Abrazaderas dobles completas anti-rotatorias

Vollständig verdrehsichere Doppelklemmen

Pinces doubles anti-rotation complètes



DN	GRUPO GROUP	u/ Bolsa u/ Bag	Referencia Part n°	€
6	1	10	AZCAR06	1,83
8	1	10	AZCAR08	1,83
10	1	10	AZCAR10	1,83
12	1	10	AZCAR12	1,83
1 1/4"	2	10	AZCAR13.2	2,52
14	2	10	AZCAR14	2,52
15	2	10	AZCAR15	2,52
16	2	10	AZCAR16	2,52
3/8"	2	10	AZCAR16.7	2,52
18	2	10	AZCAR18	2,52
19	3	10	AZCAR19	3,01
20	3	10	AZCAR20	3,01
1 1/2"	3	10	AZCAR21.3	3,01
22	3	10	AZCAR22	3,01
25	3	10	AZCAR25	3,01
3/4"	4	10	AZCAR26.7	3,61
28	4	10	AZCAR28	3,61
30	4	10	AZCAR30	3,61
32	5	10	AZCAR32	4,77
1"	5	10	AZCAR33.3	4,77
35	5	10	AZCAR35	4,77
38	5	10	AZCAR38	4,77
40	5	10	AZCAR40	4,77
42	5	10	AZCAR42	4,77

**Double anti-rotational polypropylene plastics**

Plásticos polipropileno dobles anti-rotatorios

Doppelt verdrehsicherer Polypropylen-Kunststoff

Plastiques polypropylène double anti-rotation

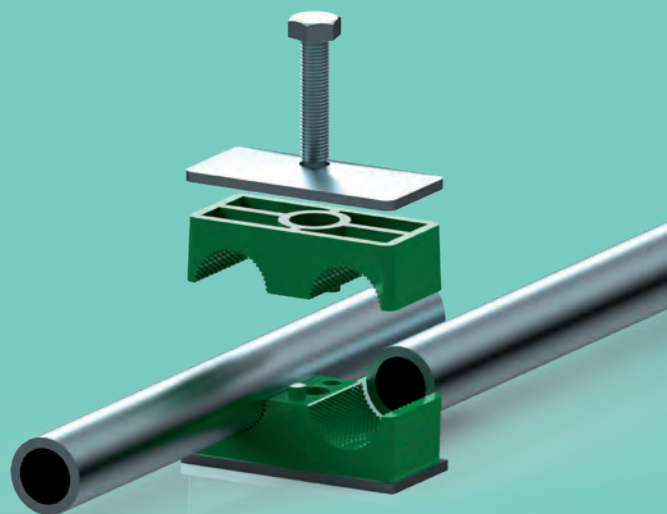
**NEW**

DN	GRUPO GROUP	Referencia Part n°	€
6	1	AD106AR	0,69
8	1	AD108AR	0,69
10	1	AD110AR	0,69
12	1	AD112AR	0,69
1 1/4"	2	AD213.2AR	0,79
14	2	AD214AR	0,79
15	2	AD215AR	0,79
3/8"	2	AD216.7AR	0,79
16	2	AD216AR	0,79
18	2	AD218AR	0,79
19	3	AD319AR	0,97
20	3	AD320AR	0,97
1 1/2"	3	AD321.3AR	0,97
22	3	AD322AR	0,97
25	3	AD325AR	0,97
3/4"	4	AD426.7AR	1,23
28	4	AD428AR	1,23
30	4	AD430AR	1,23
32	5	AD532AR	1,89
1"	5	AD533.3AR	1,89
35	5	AD535AR	1,89
38	5	AD538AR	1,89
40	5	AD540AR	1,89
42	5	AD542AR	1,89

ABRAZADERAS

**ANTI-ROTATORIAS**

*FÁCIL INSTALACIÓN  
EFECTO ANTI-ROTATORIO  
REDUCE TIEMPO DE MONTAJE*

**ANTI-ROTATORY  
CLAMPS**

*EASY INSTALLATION  
NON-ROTATION BENEFIT  
DECREASE IN ASSEMBLY TIME*

# CLAMPS DOUBLE SERIES - TRALE®

Abrazaderas Serie doble TrΔle®

Doppel-Serie TrΔle®

Colliers Serie double TrΔle®

## Double lower plate

Chapas inferiores

Unterbleche

Plaques inférieures à souder doubles



ROSCA THREAD	GRUPO GROUP	Referencia Part n°	€
M6	1	ADPIN1	0,88
M8	2	ADPIN2	1,14
M8	3	ADPIN3	1,33
M8	4	ADPIN4	1,51
M8	5	ADPIN5	1,82

## Double upper plate

Chapas superiores

Oberbleche

Plaques supérieures de protection doubles



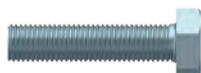
GRUPO GROUP	Referencia Part n°	€
1	ADPS1	0,35
2	ADPS2	0,44
3	ADPS3	0,54
4	ADPS4	0,68
5	ADPS5	0,86

## Double hexagonal bolt

Tornillos cabeza hexagonal

Hexagonalkopf-Schrauben

Vis hexagonale



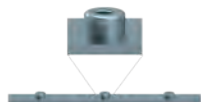
ROSCA THREAD	GRUPO GROUP	Referencia Part n°	€
M6	1	ADVTE1	0,15
M8	2	ADVTE2	0,26
M8	3	ADVTE3	0,34
M8	4	ADVTE4	0,36
M8	5	ADVTE5	0,41

## Jointed plate for double clamp

Chapa agrupar abrazaderas dobles

Verbindungsplatte für doppelte Befestigungsschellen

Plaque à joindre pour collier double



ROSCA THREAD	GRUPO GROUP	N° ABRAZADERAS CLAMP QTY.	Referencia Part n°	€
M6	1	5	ADPAG1	5,07
M8	2	2	A2DPIN2	2,78
M8	2	3	A3DPIN2	4,18
M8	2	5	ADPAG2	6,93
M8	3	3	A3DPIN3	5,58
M8	3	5	ADPAG3	7,74

## Double series plate to pile up

Chapa apilar doble

Unterblech für Stapelung - Doppelte Serie

Plaque pour empiler série double



GRUPO GROUP	Referencia Part n°	€
1	ADPA1	0,47
2/3/4/5	ADPA2	0,47

## Double series screw to pile up

Tornillo apilar doble

Hohlschraube für Stapelung - Doppelte Serie

Vis pour empiler série double



ROSCA THREAD	GRUPO GROUP	Referencia Part n°	€
M8	2	ADVTA2	2,66
M8	3	ADVTA3	3,01
M8	4	ADVTA4	3,27
		ADVTA5	6,36

For Group 1: AVTA1 (Light) / Para Grupo 1: AVTA1 (ligera) / Für Gruppe 1: AVTA1 (leicht) / Pour le Groupe 1: AVTA1 (légère)



**CLAMPS HEAVY SERIES - TRΔLE®**

Abrazaderas Serie pesada TrΔle®

Schwere Serie TrΔle®

Colliers Série lourde TrΔle®

**Heavy clamp, heavy series**

Abrazadera completa, serie pesada

Befestigungsschelle komplett - Schwere Serie verstärkt

Collier de fixation simple complet, série lourde



DN	GRUPO GROUP	Referencia Part n°	€
6	1	AZCPS06	7,10
8	1	AZCPS08	7,10
10	1	AZCPS10	7,10
12	1	AZCPS12	7,10
1/4"	1	AZCPS13.2	7,10
14	1	AZCPS14	7,10
15	1	AZCPS15	7,10
16	1	AZCPS16	7,10
3/8"	1	AZCPS17.2	7,10
18	1	AZCPS18	7,10
20	2	AZCPS20	8,03
1/2"	2	AZCPS21.3	8,03
22	2	AZCPS22	8,03
25	2	AZCPS25	8,03
3/4"	2	AZCPS26.7	8,03
28	2	AZCPS28	8,03
30	2	AZCPS30	8,03
32	3	AZCPS32	9,43
1"	3	AZCPS33.3	9,43
35	3	AZCPS35	9,43
38	3	AZCPS38	9,43
40	3	AZCPS40	9,43
42	3	AZCPS42	9,43
1"1/4	4	AZCPS42.4	21,75
45	4	AZCPS45	21,75
48-1" 1/2	4	AZCPS48	21,75
1"1/2	4	AZCPS48.4	21,75
50	4	AZCPS50	21,75
55	4	AZCPS55	21,75
60	4	AZCPS60	21,75
60-2"	4	AZCPS60.3	21,75
65	4	AZCPS65	21,75
70	4	AZCPS70	21,75

**Aluminium Heavy clamp, heavy series**

Abrazadera completa aluminio, serie pesada

Aluminium Befestigungsschelle komplett - Schwere Serie verstärkt

Collier de fixation en aluminium, série lourde



DN	GRUPO GROUP	Referencia Part n°	€
6	1	AZALPS06	12,67
8	1	AZALPS08	12,67
10	1	AZALPS10	12,67
12	1	AZALPS12	12,67
1/4"	1	AZALPS13.2	12,67
14	1	AZALPS14	12,67
15	1	AZALPS15	12,67
16	1	AZALPS16	12,67
3/8"	1	AZALPS17.2	12,67
18	1	AZALPS18	12,67
20	2	AZALPS20	16,62
1/2"	2	AZALPS21.3	16,62
22	2	AZALPS22	16,62
25	2	AZALPS25	16,62
3/4"	2	AZALPS26.7	16,62
28	2	AZALPS28	16,62
30	2	AZALPS30	16,62
32	3	AZALPS32	20,35
1"	3	AZALPS33.3	20,35
35	3	AZALPS35	20,35
38	3	AZALPS38	20,35
42 - 1" 1/4	3	AZALPS42	20,35
42 - 1" 1/4	4	AZALPS42.4	62,55
45	4	AZALPS45	62,55
48-1" 1/2	4	AZALPS48	62,55
50	4	AZALPS50	62,55
55	4	AZALPS55	62,55
2"	4	AZALPS60.3	62,55
65	4	AZALPS65	62,55
70	4	AZALPS70	62,55
2" 1/2	5	AZALPS76.1	103,74

Polyamide and aluminium plastics, on request / Consultar plásticos en poliamida y aluminio / Fragen Sie  
Teile aus Polyamid und Aluminium bitte nach / Plastique polyamide et aluminium, sur demande

# CLAMPS HEAVY SERIES - TRΔLE®

Abrazaderas Serie pesada TrΔle®

Schwere Serie TrΔle®

Colliers Série lourde TrΔle®

## Plastics polypropylene, heavy series

Plásticos polipropileno, serie pesada

Polypropylenteil, Schwere Serie

Plastique polypropylene, série lourde



DN	GRUPO GROUP	Referencia Part n°	€
6	1	AMPP106C	1,66
8	1	AMPP108C	1,66
10	1	AMPP110C	1,66
12	1	AMPP112C	1,66
1 1/4"	1	AMPP113.2C	1,66
14	1	AMPP114C	1,66
15	1	AMPP115C	1,66
16	1	AMPP116C	1,66
3/8"	1	AMPP117.2C	1,66
18	1	AMPP118C	1,66
20	2	AMPP220C	1,80
1/2"	2	AMPP221.3C	1,80
22	2	AMPP222C	1,80
25	2	AMPP225C	1,80
3/4"	2	AMPP226.7C	1,80
28	2	AMPP228C	1,80
30	2	AMPP230C	1,80
30	3	AMPP330C	2,56
32	3	AMPP332C	2,56
1"	3	AMPP333.3C	2,56
35	3	AMPP335C	2,56
38	3	AMPP338C	2,56
40	3	AMPP340C	2,56
42	3	AMPP342C	2,56
38	4	AMPP438C	7,27
42-1" 1/4	4	AMPP442C	7,27
45	4	AMPP445C	7,27
48-1" 1/2	4	AMPP448C	7,27
50	4	AMPP450C	7,27
55	4	AMPP455C	7,27
2"	4	AMPP460.3C	7,27
65	4	AMPP465C	7,27
70	4	AMPP470C	7,27

Price per couple / Precio por pareja / Preis für ein Paar / Prix par paire

## Plastic for anti-vibration clamps

Plásticos para abrazaderas anti-vibración

Plastikteile für Anti-Vibrationsschellen  
für Schläuche

Plastiques pour colliers de fixation antivibratoire



DN	SERIE	GRUPO GROUP	Referencia Part n°	€
35	S	4	AMS403500	27,02
38	S	4	AMS403800	27,02

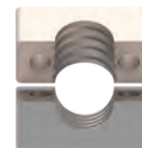
Price per couple / Precio por pareja / Preis für ein Paar / Prix par paire

## Aluminium clamps body

Cuerpo abrazaderas Aluminio

Körper Aluminium-Schelle

Corps aluminium colliers



DN	GRUPO GROUP	Referencia Part n°	€
6	1	AMPP106L	6,86
8	1	AMPP108L	6,86
10	1	AMPP110L	6,86
12	1	AMPP112L	6,86
1 1/4"	1	AMPP113.2L	6,86
14	1	AMPP114L	6,86
15	1	AMPP115L	6,86
16	1	AMPP116L	6,86
3/8"	1	AMPP117.2L	6,86
18	1	AMPP118L	6,86
20	2	AMPP220L	8,35
1/2"	2	AMPP221.3L	8,35
22	2	AMPP222L	8,35
25	2	AMPP225L	8,35
3/4"	2	AMPP226.7L	8,35
28	2	AMPP228L	8,35
30	2	AMPP230L	8,35
30	3	AMPP330L	11,93
32	3	AMPP332L	11,92
1"	3	AMPP333.3L	11,92
35	3	AMPP335L	11,92
38	3	AMPP338L	11,92
40	3	AMPP340L	16,19
42	3	AMPP342L	11,92
38	4	AMPP438L	41,01
42-1" 1/4	4	AMPP442L	41,01
45	4	AMPP445L	33,24
48-1" 1/2	4	AMPP448L	33,24
50	4	AMPP450L	33,24
55	4	AMPP455L	33,24
2"	4	AMPP460.3L	33,24
65	4	AMPP465L	33,24
70	4	AMPP470L	33,24

## Screw to pile up heavy series

Tornillo para serie pesada apilable

Einfache Hohlsschraube metr. für Ringauge

Vis à empiler série lourde



ROSCA THREAD	GRUPO GROUP	Referencia Part n°	€
M10	1	APVTA1	2,66
M10	2	APVTA2	3,16
M10	3	APVTA3	3,78
M12	4	APVTA4	7,40

# CLAMPS HEAVY SERIES - TRΔLE®

Abrazaderas Serie pesada TrΔle®

Schwere Serie TrΔle®

Colliers Série lourde TrΔle®

## Hexagonal bolt, heavy series

Tornillos cabeza hexagonal, serie pesada

Hexagonalkopf-Schrauben, Schwere Serie

Vis hexagonale, série lourde



ROSCA THREAD	GRUPO GROUP	Referencia Part n°	€
M10	1	AVTEP1	0,54
M10	2	AVTEP2	0,67
M10	3	AVTEP3	0,73
M12	4	AVTEP4	1,40

## Lower plate, heavy series

Chapas inferiores, serie pesada

Unterbleche, Schwere Serie

Plaques inférieures à souder, série lourde



ROSCA THREAD	GRUPO GROUP	Referencia Part n°	€
M10	1	APINP1	2,80
M10	2	APINP2	3,02
M10	3	APINP3	3,29
M12	4	APINP4	6,58

## Upper plate, heavy series

Chapas superiores, serie pesada

Oberbleche, Schwere Serie

Plaques supérieures de protection, série lourde



GRUPO GROUP	Referencia Part n°	€
1	APSP1	1,20
2	APSP2	1,36
3	APSP3	1,56
4	APSP4	3,82

## Heavy series plate to pile up

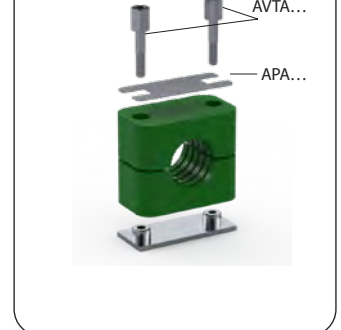
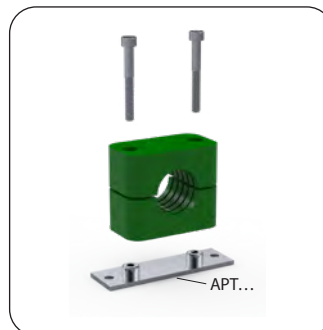
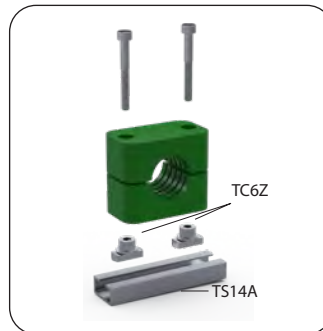
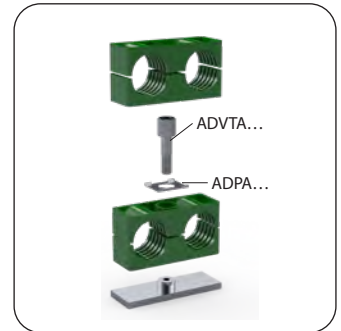
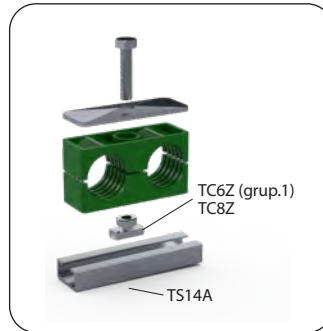
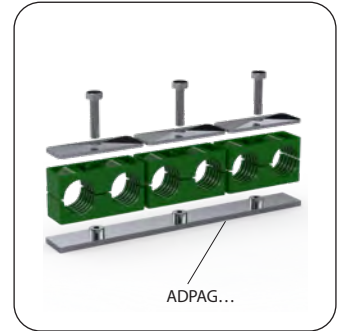
Chapa apilar Pesada

Unterblech für Stapelung -Schwere Serie

Plaque pour empiler série lourde



GRUPO GROUP	Referencia Part n°	€
1	APAP1	3,80
2	APAP2	4,56
3	APAP3	6,08
4	APAP4	6,62



## ACCESSORIES FOR CLAMPS - TRALE®

Accesorios abrazaderas TrΔle®

Zubehör Schellen TrΔle®

Accessoires colliers TrΔle®

### Accessories for lane

Accesorios carril

Zubehör für Schiene

Accessories pour lane



ROSCA THREAD	TAMAÑO SIZE	DESCRIPCION DESCRIPTION	Referencia Part n°	€
M6	--	RAIL NUT	TC6A	1,72
M8	--	RAIL NUT	TC8A	5,37
M10	--	RAIL NUT	TC10A	5,80
M12	--	RAIL NUT	TC12A	7,31
--	11x28	RAIL	TS11A	9,78
--	14x28	RAIL	TS14A	11,22
--	22x40	RAIL	TSP22	87,09

<b>SERIE LIGERA</b> <i>LIGHT SERIES</i>	 <p>GR 1...-8 <b>TC6A</b></p>	 <p>11x28 <b>TS11A</b></p>	 <p>14x28 <b>TS14A</b></p>	
	<b>SERIE DOBLE</b> <i>DOUBLE SERIES</i>	 <p>GR 1 <b>TC6A</b></p>	 <p>GR 2-3-4-5 <b>TC8A</b></p>	 <p>11x28 <b>TS11A</b></p>
<b>SERIE PESADA</b> <i>HEAVY SERIES</i>	 <p>GR 1-2-3 <b>TC10A</b></p>	 <p>GR 4 <b>TC12A</b></p>	 <p>22x40 <b>TSP22</b></p>	

**MACHINES FOR PROCESSING** 287  
**RIGID PIPES**

Máquinas para procesar el tubo rígido  
Maschinen für Rohrbearbeitung  
Machines pour travailler le tube rigide

# 5

## **MACHINES FOR PROCESSING RIGID PIPES**

Máquinas para procesar el tubo rígido  
Maschinen für Rohrbearbeitung  
Machines pour travailler le tube rigide



# MACHINES & ACCESSORIES

Máquinas y accesorios  
Machines et Accessoires  
Machine e Accessori

TRALE PIPE

PIPE FITTINGS DIN 2353  
FLARE FITTINGS JIC 37°



SAE FLANGES

TRALE CLAMPS

MACHINES FOR  
PROCESSING RIGID PIPES

**S01**

⚡ 0.18 Kw    ⚙️ Ø 6-42 mm    ⚖️ 30 kg

**USFL/01 MAN**

⚙️ 6 → 42 x 4 mm



**DIN 2353**    **JIC 37°**

**USFL/01**

⚙️ 6 → 42 x 4 mm    ⚡ 0,75 Kw



**DIN 2353**    **JIC 37°**

**M18 6-18**

⚙️ 6 → 42 x 4 mm



Útiles incluidos  
Included Tools

**Manual bending machine**  
Dobladora manual

**CMS42**


⚙️ 6 → 42 x 4 mm



**With tool-holder cabinet**  
Con soporte

**C42**

⚙️ 6 → 42 x 4 mm    ⚡ 1.1 Kw



**Electric bending machine with cabinet**  
Dobladora eléctrica con mueble

Útiles para las máquinas de doblado y montaje de racores · Pipe fittings for bending & assembly Machines

**CUC42**



**Matrices de doblado**  
Bending tools

**FT37**



**Matrices JIC 37°**  
Tools JIC 37°

**BL**

**JIC 37°**



**Bloque BL JIC 37°**  
BL Block JIC 37°

**PLT + SU**

**DIN 2353**



**Machos y matrices DIN 2353**  
Sockets & plates DIN 2353

**CEN-MINI**

⚡ 1.7 Kw max.  
⚖️ 210 kg.




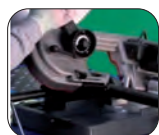

**Mini Mini**

**Pequeño y económico**  
Small & inexpensive

**CEN-JU**

⚡ 4.6 Kw max.    ⚙️ 220 l/min. AIR

⚖️ 300 kg.  
⚙️ M3

**Completo**

**Con corte & aire comprimido**  
With cutting & compressed air

# Accessories

*Accesorios*

*Zubehör*

*Accessoires*

# TrAle®





**ADAPTORS**

Adaptadores  
Adapter  
Adapteurs

**QUICK-RELEASE COUPLINGS**

Enchufes rápidos  
SVK  
Coupleurs rapides

**BALL VALVES**

Llaves de paso  
Kugelhähne  
Robinets

**DIVERTERS**

Desviadores  
Umschalventile  
Déviateurs

**SWIVEL FITTINGS**

Racores giratorios  
Drehverschraubungen  
Raccords tournants

**MULTI-WAY COUPLINGS**

Multienchufes  
Schnellverschlusskupplungen  
Multi-coupleur

**PROTECTIONS**

Protecciones  
Schutz  
Protections



**METRIC, BSP AND BSPT ADAPTORS** | 296

Adaptadores BSP , BSPT y Métricos  
Adapter BSP , BSPT und Metrisch  
Adapteurs BSP, BSPT et Métrique

**NPT ADAPTORS** | 313

Adaptadores NPT  
Adapter NPT  
Adapteurs NPT

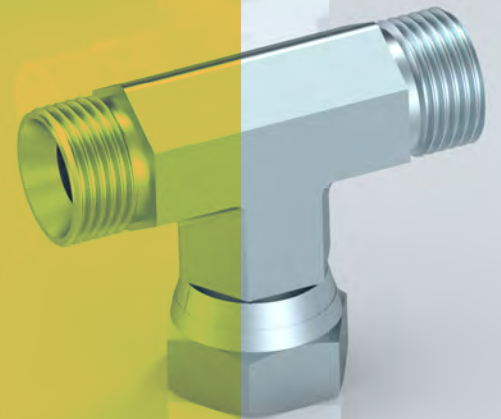
**ORFS ADAPTORS** | 316

Adaptadores ORFS  
Adapter ORFS  
Adapteurs ORFS

01

# ADAPTORS

Adaptadores  
Adapter  
Adapteurs



**METRIC, BSP AND BSPT ADAPTORS**

Adaptadores BSP, BSPT y Métricos  
 Adapter BSP, BSPT und Metrisch  
 Adapteurs BSP, BSPT et Métrique

Straight adaptors male ▪ Uniones rectas macho ▪ Gerade Verschraubungen m ▪ Adapteur droit mâle-mâle | 296



Adaptors male-female ▪ Uniones rectas macho-hembra ▪ Gerade Verschraubungen m - w ▪ Adapteur mâle-femelle | 298



Plugs & Caps ▪ Tapones ▪ Verschlüsse ▪ Bouchons adapteur | 300



Adaptors female and bulkheads ▪ Uniones hembra y pasatabiques ▪ Verschraubungen w und Schottverschraubungen ▪ Unions femelle et passe cloison | 301



Banjos ▪ Orientables ▪ Ringaugen ▪ Adapteurs banjo | 302



Weldable adaptors ▪ Soldables ▪ Schweißarmaturen ▪ Adapteurs à souder | 303



Accessory elbows ▪ Codos accesorias (tubo) ▪ Weitere Bögen ▪ Adapteurs coudes | 304



## METRIC, BSP AND BSPT ADAPTORS

Adaptadores BSP, BSPT y Métricos  
 Adapter BSP, BSPT und Metrisch  
 Adapteurs BSP, BSPT et Métrique

Forging elbows ▪ Codos en forja ▪ W-Guss-Stücke ▪ Adapteurs coudes en forge

305



Forging Tees and croos ▪ Te en forja y cruz ▪ T-Guss-Stück und überqueren ▪ Adapteurs Tés en forge et des croix

308



Square elbows, Tees and cross ▪ Codos, Te en bloque (cuadrado) y cruz ▪ Vierkantwinkel und Vierkant-T-Stücke und überqueren ▪ Adapteurs coudes. Tés en bloque et des croix

310



Bonded seals ▪ Juntas metal Buna y arandelas ▪ USIT-Dichtringe und Unterlegscheiben ▪ Bague BS

312



ADAPTORS

QUICK-RELEASE COUPLINGS

BALL VALVES

DIVERTERS

SWIVEL FITTINGS

MULTI-WAY COUPLINGS

PROTECTIONS

**NPT ADAPTORS**

Adaptadores NPT

Adapter NPT

Adapteurs NPT

Straight adaptors male ▪ Uniones rectas macho-macho ▪ Gerade Verschraubungen m ▪ Unions mâle | 313



A1015

A1015

Adaptors male-female ▪ Uniones rectas macho-hembra ▪ Gerade Verschraubungen m - w ▪ Unions mâle-fe-  
melle | 313



N1170

N1060

Adaptors female ▪ Uniones hembra ▪ Verschr. w ▪ Unions femelle | 313



N10310

Plugs & Caps ▪ Tapones ▪ Verschlüsse ▪ Bouchons | 314



N1072

N1071

N1070

Forging elbows ▪ Codos en forja ▪ W-Guss-Stücke ▪ Adapteurs coude en forge | 314



N1196

N1190

N1193

N1196

N1393

N1198

Forging tees ▪ Tes en forja ▪ T-Verschraubungen Guss ▪ Adapteurs Té en forge | 315



N1220

N1226

## ORFS ADAPTORS

Adaptadores ORFS  
Adapter ORFS  
Adapteurs ORFS

Straight ORFS ▪ ORFS Rectos ▪ ORFS gerade ▪ ORFS Droits

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ORFS 45° Elbows ▪ Codos 45° ORFS ▪ 45° Bogen ORFS ▪ Coude 45° ORFS

318



ORFS 90° Elbows ▪ Codos 90° ORFS ▪ 90° Winkel ORFS ▪ Coude 90° ORFS

319



ORFS Tees ▪ Te ORFS ▪ T-Verschraubung ORFS ▪ Tés ORFS

320



## METRIC, BSP AND BSPT ADAPTORS

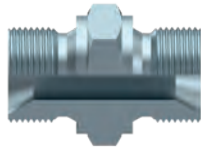
Adaptadores BSP, BSPT y Métricos  
Adapter BSP, BSPT und Metrisch  
Adpteurs BSP, BSPT et Métrique

### Adaptor BSP male-BSP male (60°)

Adaptador macho-macho BSP (60°)

Doppelnippel m - m BSP (60°)

Adapteur mâle BSP x mâle BSP (60°)



ROSCA THREAD		Referencia Part n°	€
1/8" BSP	1/8" BSP	A101002	0,84
1/4" BSP	1/4" BSP	A101004	0,91
1/4" BSP	1/4" BSP	A101004H19	1,02
3/8" BSP	3/8" BSP	A101006	1,30
1/2" BSP	1/2" BSP	A101008	1,97
5/8" BSP	5/8" BSP	A101010	2,82
3/4" BSP	3/4" BSP	A101012	3,09
1" BSP	1" BSP	A101016	5,73
1"1/4 BSP	1"1/4 BSP	A101020	10,22
1"1/2 BSP	1"1/2 BSP	A101024	14,29
2" BSP	2" BSP	A101032	23,60
2" 1/2 BSP	2" 1/2 BSP	A101040	49,28
3" BSP	3" BSP	A101048	71,68

### Reducer adaptor BSP male-BSP male (60°)

Reductor macho-macho BSP (60°)

Reduziernippel BSP (60°)

Reducteur mâle BSP x mâle BSP (60°)



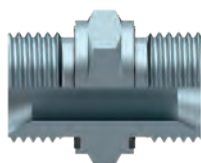
ROSCA THREAD		Referencia Part n°	€
1/8" BSP	1/4" BSP	A10200204	1,13
1/8" BSP	3/8" BSP	A10200206	1,83
1/4" BSP	3/8" BSP	A10200406	1,50
1/4" BSP	1/2" BSP	A10200408	2,12
3/8" BSP	1/2" BSP	A10200608	2,03
3/8" BSP	3/4" BSP	A10200612	3,19
1/2" BSP	3/4" BSP	A10200812	3,21
1/2" BSP	1" BSP	A10200816	6,04
5/8" BSP	1/2" BSP	A10201008	3,63
5/8" BSP	3/4" BSP	A10201012	3,67
3/4" BSP	1" BSP	A10201216	5,82
3/4" BSP	1"1/4 BSP	A10201220	9,05
1" BSP	1"1/4 BSP	A10201620	10,04
1" BSP	1"1/2 BSP	A10201624	15,77
1"1/4 BSP	1"1/2 BSP	A10202024	12,89
1"1/4 BSP	2" BSP	A10202032	26,82
1"1/2 BSP	2" BSP	A10202432	23,16
2" BSP	2" 1/2 BSP	A10203240	49,28
2" BSP	3" BSP	A10203248	77,23
2" 1/2 BSP	3" BSP	A10204048	71,68

### Adaptor male BSP 60° - male BSP 60° ED

Adaptador macho-macho BSP (60°) WD

Doppelnippel AGR-AGR ED

Adapteur mâle BSP - mâle BSP cone 60°



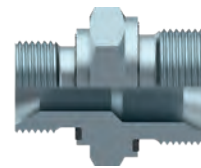
ROSCA THREAD		Referencia Part n°	€
1/4" BSP	1/4" BSP	A101004WD	2,40
3/8" BSP	3/8" BSP	A101006WD	2,84
1/2" BSP	1/2" BSP	A101008WD	3,29
3/4" BSP	3/4" BSP	A101012WD	5,97
1" BSP	1" BSP	A101016WD	11,19

### Reducer male adaptor BSP 60° - male BSP 60° ED

Reductor macho-macho BSP (60°) WD

Reduziernippel AGR-AGR ED

Réducteur mâle BSP - mâle BSP cone 60° WD



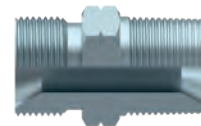
ROSCA THREAD		Referencia Part n°	€
1/4" BSP	3/8" BSP	A10200406WD	2,84
1/4" BSP	3/8" BSP	A10200408WD	4,08
3/8" BSP	1/2" BSP	A10200608WD	4,08
1/2" BSP	3/4" BSP	A10200812WD	5,97
3/4" BSP	1" BSP	A10201216WD	11,19

### Adaptor BSP male (60°)-NPT male

Adaptador macho BSP (60°) - macho NPT

Doppelnippel m BSP (60°) - m NPT

Adapteur mâle BSP (60°) x mâle briggs (NPT)



ROSCA THREAD		Referencia Part n°	€
1/8" BSP	1/8" NPT	S101402	1,34
1/4" BSP	1/4" NPT	S101404	1,55
3/8" BSP	3/8" NPT	S101406	1,86
1/2" BSP	1/2" NPT	S101408	3,26
3/4" BSP	3/4" NPT	S101412	4,97
1" BSP	1" NPT	S101416	10,29
1"1/4 BSP	1"1/4 NPT	S101420	22,46
1"1/2 BSP	1"1/2 NPT	S101424	32,07
2" BSP	2" NPT	S101432	58,75

### Adaptor BSP male- 60° BSPT male

Adaptador macho BSP (60°) - macho BSPT

Doppelnippel m BSP (60°) - m BSPT

Adapteur mâle BSP (60°) x mâle gaz conique (BSPT)



ROSCA THREAD		Referencia Part n°	€
1/8" BSP	1/8" BSPT	S101202	1,47
1/4" BSP	1/4" BSPT	S101204	1,19
3/8" BSP	3/8" BSPT	S101206	1,37
1/2" BSP	1/2" BSPT	S101208	2,23
3/4" BSP	3/4" BSPT	S101212	3,30
1" BSP	1" BSPT	S101216	5,67
1"1/4 BSP	1"1/4 BSPT	S101220	14,03
1"1/2 BSP	1"1/2 BSPT	S101224	14,44
2" BSP	2" BSPT	S101232	32,18



## METRIC, BSP AND BSPT ADAPTORS

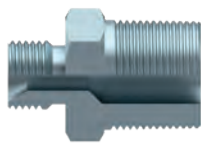
Adaptadores BSP, BSPT y Métricos  
Adapter BSP, BSPT und Metrisch  
Adpteurs BSP, BSPT et Métrique

### Reducer adaptor BSP male (60°)-BSPT male

Reductor macho BSP (60°) - macho BSPT

Reduzierstück BSP (60°) - m BSPT

Reducteur mâle BSP (60°) x mâle gaz conique (BSPT)



ROSCA THREAD		Referencia Part n°	€
1/4" BSP	3/8" BSPT	A10220406	2,76
3/8" BSP	1/2" BSPT	A10220608	3,80
3/8" BSP	3/4" BSPT	A10220612	5,23
1/2" BSP	1/4" BSPT	A10220804	4,67
1/2" BSP	3/4" BSPT	A10220812	6,56
3/4" BSP	1" BSPT	A10221216	8,43
1" 1/4 BSP	1" BSPT	A10222016	20,13
1" 1/2 BSP	2" BSPT	A10222432	58,75

### Reducer adaptor BSP male (60°)-NPT male

Reductor macho BSP (60°) - macho NPT

Reduzierstück BSP (60°) - m NPT

Reducteur mâle BSP (60°) x mâle briggs (NPT)



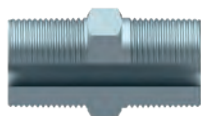
ROSCA THREAD		Referencia Part n°	€
1/4" BSP	1/8" NPT	A10240402	2,76
1/4" BSP	3/8" NPT	A10240406	3,12
1/4" BSP	1/2" NPT	A10240408	4,60
3/8" BSP	1/2" NPT	A10240608	3,93
1/2" BSP	3/8" NPT	A10240806	4,96
1/2" BSP	3/4" NPT	A10240812	7,28
3/4" BSP	1/2" NPT	A10241208	8,46
3/4" BSP	1" NPT	A10241216	7,33

### Adaptor BPST male-BSPT male

Adaptador macho-macho BSPT

Doppelnippel m - m BSPT

Adapteur mâle gaz conique (BSPT) x mâle gaz conique (BSPT)



ROSCA THREAD		Referencia Part n°	€
1/4" BSPT	1/4" BSPT	A10160404	1,21
3/8" BSPT	3/8" BSPT	A10160606	2,74
1/2" BSPT	1/2" BSPT	A10160808	3,37
3/4" BSPT	3/4" BSPT	A10161212	5,88
1" BSPT	1" BSPT	A10161616	7,63

### Adaptor Metric male-male (60°)

Adaptador macho-macho Métrico (60°)

Doppelnippel m - m metr. (60°)

Adapteur mâle DIN x mâle DIN Métrique (60°)



ROSCA THREAD		Referencia Part n°	€
M12x1.5	M12x1.5	S101612	2,32
M14x1.5	M14x1.5	S101614	2,00
M16x1.5	M16x1.5	S101616	2,05
M18x1.5	M18x1.5	S101618	2,52
M22x1.5	M22x1.5	S101622	3,28
M26x1.5	M26x1.5	S101626	5,79

### Adaptor BSP male (60°) - metric male

Adaptador macho BSP (60°) - macho métrico

Doppelnippel m BSP (60°) - m metrisch

Adapteur mâle BSP (60°) x mâle briggs (métrique)

NEW



ROSCA THREAD		Referencia Part n°	€
1/8" BSP	M10X1	S10180210	3,01
1/8" BSP	M12X1.5	S10180212	3,19
1/4" BSP	M14X1.5	S10180414	3,56
1/4" BSP	M16X1.5	S10180416	4,19
3/8" BSP	M16X1.5	S10180616	4,47
3/8" BSP	M18X1.5	S10180618	5,56
1/2" BSP	M18X1.5	S10180818	6,29
1/2" BSP	M22X1.5	S10180822	6,56
3/4" BSP	M22X1.5	S10181222	8,75
3/4" BSP	M27X2	S10181227	10,48
1" BSP	M27X2	S10181627	15,41
1" 1/4 BSP	M42X2	S10182042	26,07
1" 1/2 BSP	M48X2	S10182448	34,19

## METRIC, BSP AND BSPT ADAPTORS

Adaptadores BSP, BSPT y Métricos

Adapter BSP, BSPT und Metrisch

Adpteurs BSP, BSPT et Métrique

### Adaptor BSP male-BSP swivel female (60°)

Adap. macho - hembra giratoria BSP (60°)

Adapter BSP (60°) m - w mit Drallmutter

Adapteur mâle BSP x femelle tournante BSP (60°)



ROSCA THREAD	ROSCA THREAD	Referencia Part n°	€
1/8" BSP	1/8" BSP	A117002	3,63
1/4" BSP	1/4" BSP	A117004	2,56
3/8" BSP	3/8" BSP	A117006	2,64
1/2" BSP	1/2" BSP	A117008	4,15
3/4" BSP	3/4" BSP	A117012	6,23
1" BSP	1" BSP	A117016	10,98
1"1/4 BSP	1"1/4 BSP	A117020	22,68
1"1/2 BSP	1"1/2 BSP	A117024	27,87
2" BSP	2" BSP	A117032	56,21

### Reducer BSP male-BSP swivel female (60°)

Reductor macho - hembra giratoria BSP (60°)

Reduzierstück m - w BSP (60°)

Reducteur mâle BSP x femelle tournante BSP (60°)



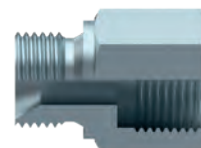
ROSCA (M) THREAD (M)	ROSCA (H) THREAD (F)	Referencia Part n°	€
1/8" BSP	1/4" BSP	A11730204	3,13
1/4" BSP	1/8" BSP	A11730402	2,76
1" BSP	3/4" BSP	A11731612	9,16
1/4" BSP	3/8" BSP	A11730406	3,13
3/8" BSP	1/4" BSP	A11730604	3,45
3/8" BSP	1/2" BSP	A11730608	3,91
1/2" BSP	3/8" BSP	A11730806	4,11
1/2" BSP	3/4" BSP	A11730812	5,02
3/4" BSP	1/2" BSP	A11731208	6,71
3/4" BSP	1" BSP	A11731216	9,60
3/4" BSP	1"1/4 BSP	A11731220	16,56
1" BSP	1"1/4 BSP	A11731620	21,72
1"1/4 BSP	1"1/2 BSP	A11732024	43,43
1"1/2 BSP	2" BSP	A11732432	63,32

### Adaptor BSP male (60°) - BSP fixed female

Prolongador macho (60°) - hembra fija BSP

Adapter AGR-IGR

Prolongateur mâle BSP (60°) x femelle gaz fixe



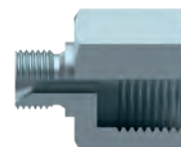
ROSCA THREAD	ROSCA THREAD	Referencia Part n°	€
1/8" BSP	1/8" BSP	A105002	0,93
1/8" BSP	1/8" BSP	A105002L38	1,70
1/4" BSP	1/4" BSP	A105004	1,41
1/4" BSP	1/4" BSP	A105004L46	2,60
1/4" BSP	1/4" BSP	A105004L56	2,42
3/8" BSP	3/8" BSP	A105006	2,11
3/8" BSP	3/8" BSP	A105006L44	2,87
3/8" BSP	3/8" BSP	A105006L54	3,52
1/2" BSP	1/2" BSP	A105008	2,62
1/2" BSP	1/2" BSP	A105008L50	3,66
1/2" BSP	1/2" BSP	A105008L60	3,92
3/4" BSP	3/4" BSP	A105012	3,68
3/4" BSP	3/4" BSP	A105012L72	7,17
1" BSP	1" BSP	A105016	6,60
1" BSP	1" BSP	A105016L84	12,99
1"1/4 BSP	1"1/4 BSP	A105020	13,02
1"1/4 BSP	1"1/4 BSP	A105020L92	17,92
1"1/2 BSP	1"1/2 BSP	A105024	17,61
1"1/2 BSP	1"1/2 BSP	A105024L100	26,88
2" BSP	2" BSP	A105032	29,08
2" BSP	2" BSP	A105032L100	42,11

### Reducer adaptor BSP male (60°) - Metric fixed female

Reductor macho BSP (60°) - hembra fija Métrica

Reduzierstück m BSP (60°) - w metr. fest

Reducteur mâle BSP (60°) x femelle fixe Métrique



ROSCA THREAD	ROSCA THREAD	Referencia Part n°	€
3/8" BSP	M14x1.5	S10610614	4,70
3/8" BSP	M18x1.5	S10610618	4,28
1/2" BSP	M18x1.5	S10610818	5,08
1/2" BSP	M22x1.5	S10610822	5,08

### Reducer adaptor Metric male - BSP fixed female

Reductor macho métrico (60°) - hembra fija BSP

Reduzierstück m metr. (60°) - w fest BSP

Reducteur mâle Métrique (60°) x femelle fixe gaz



ROSCA THREAD	ROSCA THREAD	Referencia Part n°	€
M18x1.5	1/4" BSP	S10621804	4,70
M18x1.5	3/8" BSP	S10621806	4,61
M18x1.5	1/2" BSP	S10621808	5,51

## METRIC, BSP AND BSPT ADAPTORS

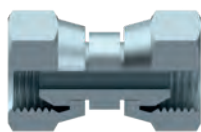
Adaptadores BSP, BSPT y Métricos  
Adapter BSP, BSPT und Metrisch  
Adaptateurs BSP, BSPT et Métrique

### Adaptor BSP swivel female - BSP swivel female (60°)

Adap. hembra giratoria - hembra giratoria BSP (60°)

Adapter BSP (60°) w mit Drallmutter

Adaptateur femelle tournante BSP x femelle tournante BSP (60°)



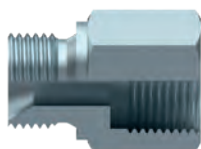
ROSCA THREAD	Referencia Part n°	€
1/4" BSP	A117204	3,44
3/8" BSP	A117206	4,33
1/2" BSP	A117208	6,71
3/4" BSP	A117212	8,74
1" BSP	A117216	14,19
1"1/4 BSP	A117220	18,27
1"1/2 BSP	A117224	21,47
2" BSP	A117232	33,90

### Reducer adaptor BSP male (60°) - BSP fixed female

Reductor macho BSP (60°) - hembra fija BSP

Reduzierstück BSP (60°) - w fest BSP

Prolongateur reducteur mâle BSP (60°) x femelle gaz fixe



ROSCA (M) THREAD (M)	ROSCA (H) THREAD (F)	Referencia Part n°	€
1/8" BSP	1/4" BSP	A10600204	1,47
1/8" BSP	3/8" BSP	A10600206	2,54
1/4" BSP	1/8" BSP	A10600402	1,41
1/4" BSP	3/8" BSP	A10600406	1,78
1/4" BSP	1/2" BSP	A10600408	2,86
3/8" BSP	1/8" BSP	A10600602	2,66
3/8" BSP	1/4" BSP	A10600604	1,99
3/8" BSP	1/2" BSP	A10600608	2,75
3/8" BSP	3/4" BSP	A10600612	3,74
1/2" BSP	1/4" BSP	A10600804	3,45
1/2" BSP	3/8" BSP	A10600806	2,74
1/2" BSP	3/4" BSP	A10600812	3,82
1/2" BSP	1" BSP	A10600816	6,90
3/4" BSP	3/8" BSP	A10601206	4,42
3/4" BSP	1/2" BSP	A10601208	4,05
3/4" BSP	1" BSP	A10601216	7,06
3/4" BSP	1"1/4 BSP	A10601220	12,96
1" BSP	1/2" BSP	A10601608	6,65
1" BSP	3/4" BSP	A10601612	6,81
1" BSP	1"1/4 BSP	A10601620	12,41
1"1/4 BSP	1" BSP	A10602016	12,50
1"1/4 BSP	1"1/2 BSP	A10602024	17,85
1"1/2 BSP	1"1/4 BSP	A10602420	28,51
1"1/2 BSP	H 2" BSP	A10602432	80,56

### Reducer plug BSP male (60°) - BSP fixed female

Tapón reductor macho (60°) - hembra fija BSP

Reduziernippel AGR-IGR fest

Bouchon reducteur mâle BSP (60°) x femelle gaz fixe



ROSCA (M) THREAD (M)	ROSCA (H) THREAD (F)	Referencia Part n°	€
1/4" BSP	1/8" BSP	A11500402	1,20
3/8" BSP	1/8" BSP	A11500602	1,70
3/8" BSP	1/4" BSP	A11500604	1,51
1/2" BSP	1/4" BSP	A11500804	2,28
1/2" BSP	3/8" BSP	A11500806	2,11
3/4" BSP	3/8" BSP	A11501206	2,62
3/4" BSP	1/2" BSP	A11501208	3,33
1" BSP	1/2" BSP	A11501608	3,84
1" BSP	3/4" BSP	A11501612	3,65
1"1/4 BSP	3/4" BSP	A11502012	7,84
1"1/4 BSP	1" BSP	A11502016	6,87
1"1/2 BSP	1"1/4 BSP	A11502420	11,56
2" BSP	1"1/4 BSP	A11503220	29,58
2" BSP	1"1/2 BSP	A11503224	29,58

### Adaptor BSPT male - BSP swivel female (60°)

Adaptador macho BSPT - hembra giratoria BSP (60°)

Adapter w mit m BSPT - Drallmutter BSP (60°)

Adaptateur mâle BSPT - femelle tournante BSP (60°)



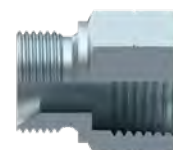
ROSCA THREAD	Referencia Part n°	€
1/4" BSPT	A11710404	5,16
3/8" BSPT	A11710606	5,61
1/2" BSPT	A11710808	7,17
3/4" BSPT	A11711212	11,22
1" BSPT	A11711616	18,02

### Adaptor BSP male (60°) - NPT fixed female

Adaptador macho BSP (60°) - Hembra Fija NPT

Adapter m BSP (60°) - w fest NPT

Adaptateur mâle BSP (60°) x femelle fixe NPT



ROSCA THREAD	Referencia Part n°	€
1/4" BSP	A107404	3,04
3/8" BSP	A107406	4,14
1/2" BSP	A107408	6,22
3/4" BSP	A107412	9,31
1" BSP	A107416	12,56

## METRIC, BSP AND BSPT ADAPTORS

Adaptadores BSP, BSPT y Métricos  
Adapter BSP, BSPT und Metrisch  
Adaptateurs BSP, BSPT et Métrique

### BSP fixed cap

Tapón hembra hexagonal rosca BSP

Verschlussmutter fest BSP

Bouchon femelle gaz



ROSCA THREAD	Referencia Part n°	€
1/8" BSP	A107202	1,63
1/4" BSP	A107204	1,34
3/8" BSP	A107206	1,81
1/2" BSP	A107208	2,38
3/4" BSP	A107212	3,35
1" BSP	A107216	4,00
1"1/4 BSP	A107220	15,42
1"1/2 BSP	A107224	16,95
2" BSP	A107232	9,13

### BSP hexagonal male plug (60°)

Tapón macho hexagonal rosca BSP (60°)

Verschlusssschraube BSP

Bouchon mâle BSP (60°)



ROSCA THREAD	Referencia Part n°	€
1/8" BSP	A107002	0,86
1/4" BSP	A107004	0,89
1/4" BSP	A107004H19	0,88
3/8" BSP	A107006	1,08
1/2" BSP	A107008	1,82
5/8" BSP	A107010	3,76
3/4" BSP	A107012	2,47
1" BSP	A107016	4,57
1"1/4 BSP	A107020	10,50
1"1/2 BSP	A107024	13,54
2" BSP	A107032	24,06

### BSP solid male cap

Tapón macho hexagonal rosca BSP macizo

Verschlussmutter BSP solide kon.

Bouchon mâle BSP plein



NEW

ROSCA THREAD	Referencia Part n°	€
1/8" BSP	A107602*	1,21
3/8" BSP	A107606	2,40
1/2" BSP	A107608	3,19
3/4" BSP	A107612	3,95
1" BSP	A107616	5,71
1"1/4 BSP	A107620	11,05
2" BSP	A107632	15,00

\*Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

### BSP swivel female cap (60°)

Tapón hembra giratoria BSP (60°)

Verschlussmutter BSP 60° kon.

Bouchon femelle tournante BSP (60°)



ROSCA THREAD	Referencia Part n°	€
1/4" BSP	A107504	1,76
3/8" BSP	A107506	1,80
1/2" BSP	A107508	2,49
3/4" BSP	A107512	3,82
1" BSP	A107516	5,53
1"1/4 BSP	A107520	11,08
1"1/2 BSP	A107524	20,75
2" BSP	A107532	34,33

### Metric hexagonal male plug

Tapón macho hexagonal rosca Métrica

Verschlusssschraube BSP

Bouchon mâle Métrique



ROSCA THREAD	Referencia Part n°	€
M10x1	A10731001	1,02
M12x1.5	A10731215	1,18
M14x1.5	A10731415	1,19
M16x1.5	A10731615	1,51
M18x1.5	A10731815	1,83
M20x1.5	A10732015	2,05
M22x1.5	A10732215	1,92

### BSPT blanking plug

Tapón Allen BSPT sin cabeza

Verschlussverschr. Allen BSPT ohne Kopf

Bouchon Allen BSPT



ROSCA THREAD	Referencia Part n°	€
1/8" BSPT	A107102	0,68
1/4" BSPT	A107104	0,91
3/8" BSPT	A107106	1,22
1/2" BSPT	A107108	1,63
3/4" BSPT	A107112	2,92
1" BSPT	A107116	4,15

# METRIC, BSP AND BSPT ADAPTORS

Adaptadores BSP, BSPT y Métricos  
Adapter BSP, BSPT und Metrisch  
Adaptateurs BSP, BSPT et Métrique

## Welding adaptor BSP female fixed-BSP female fixed

Manguito roscado hembra BSP redondo soldable

Adapter Doppelmuffe IGR fest - IGR fest

Manchon femelle à souder gaz x femelle gaz ronde



ROSCA THREAD	Referencia Part n°	€
1/8" BSP	A131002	1,11
1/4" BSP	A131004	1,18
3/8" BSP	A131006	1,81
1/2" BSP	A131008	2,52
3/4" BSP	A131012	3,52
1" BSP	A131016	5,02
1"1/4 BSP	A131020	8,50
1"1/2 BSP	A131024	11,47
2" BSP	A131032	16,85

## Hexagonal adaptor BSP fixed female-BSP fixed female

Manguito roscado hembra BSP hexagonal

6 kt Adapter Doppelmuffe IGR fest - IGR fest

Manchon femelle gaz x femelle gaz hexagonal



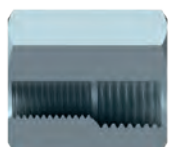
ROSCA THREAD	Referencia Part n°	€
1/4" BSP	S1031004	1,14
3/8" BSP	S1031006	2,08
1/2" BSP	S1031008	2,55
3/4" BSP	S1031012	3,97
1" BSP	S1031016	4,30
1"1/4 BSP	S1031020	23,43
1"1/2 BSP	S1031024	23,43

## Hexagonal reducer BSP fixed female-BSP fixed female

Manguito reducción roscado hembra BSP hexagonal

Reduziernippe IGR fest - IGR fest

Reducteur femelle gaz x femelle gaz hexagonal



ROSCA THREAD	Referencia Part n°	€
3/8" BSP	1/4" BSP S10310604	3,56
1/2" BSP	1/4" BSP S10310804	6,84
1/2" BSP	3/8" BSP S10310806	6,56
3/4" BSP	1/2" BSP S10311208	8,39
1" BSP	3/4" BSP S10311612	14,22

## Straight bulkhead adaptor without nuts (60°)

Pasatabiques sin tuerca BSP cono 60°

Gerader Schottadapter ohne Muttern (60°)

Passe-cloison mâle BSP x mâle BSP sans équiper (60°)



ROSCA THREAD	Referencia Part n°	€
1/4" BSP	1/4" BSP A116004	2,02
3/8" BSP	3/8" BSP A116006	2,46
1/2" BSP	1/2" BSP A116008	3,70
3/4" BSP	3/4" BSP A116012	5,60
1" BSP	1" BSP A116016	10,58
1"1/4 BSP	1"1/4 BSP A116020	16,29
1"1/2 BSP	1"1/2 BSP A116024	18,62

## Counter nut for bulkhead screw-joints

Tuerca pasatabiques BSP

Gegenmuttern DIN 80705 für Schottverschr. - GM

Contre-écrou passe-cloison gaz



ROSCA THREAD	Referencia Part n°	€
1/8" BSP	A127202	0,82
1/4" BSP	A127204	0,43
3/8" BSP	A127206	0,81
1/2" BSP	A127208	1,15
3/4" BSP	A127212	1,35
1" BSP	A127216	2,60
1" 1/4 BSP	A127220	4,30
1" 1/2 BSP	A127224	4,81

## Straight bulkhead adaptor with nut (60°)

Pasatabiques con tuerca BSP cono 60°

Gerader Schottadapter mit Muttern (60°)

Passe-cloison mâle BSP x mâle BSP avec équiper (60°)

NEW



ROSCA THREAD	Referencia Part n°	€
1/4" BSP	1/4" BSP A116204	4,86
3/8" BSP	3/8" BSP A116206	5,82
1/2" BSP	1/2" BSP A116208	7,15
3/4" BSP	3/4" BSP A116212	9,65
1" BSP	1" BSP A116216	16,18
1"1/4 BSP	1"1/4 BSP A116220	36,90
1"1/2 BSP	1"1/2 BSP A116224	44,62

## METRIC, BSP AND BSPT ADAPTORS

Adaptadores BSP, BSPT y Métricos

Adapter BSP, BSPT und Metrisch

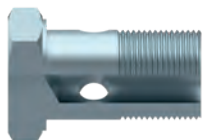
Adaptateurs BSP, BSPT et Métrique

### BSP Bolt for banjo

Tornillo orientable simple BSP

Einfache Hohlschraube BSP für Ringauge

Vis creuse simple pour banjo filetage gaz



ROSCA THREAD	Referencia Part n°	€
1/8" BSP	A109002	1,31
1/4" BSP	A109004	1,19
3/8" BSP	A109006	1,50
1/2" BSP	A109008	2,11
5/8" BSP	A109010	3,14
3/4" BSP	A109012	4,02
1" BSP	A109016	7,88
1"1/4 BSP	A109020	23,68

### BSP Double bolt for banjo

Tornillo orientable doble BSP

Doppelte Hohlschraube für Ringauge BSP

Vis creuse double pour banjo filetage gaz



ROSCA THREAD	Referencia Part n°	€
1/4" BSP	A109404	3,14
3/8" BSP	A109406	3,80
1/2" BSP	A109408	6,12
3/4" BSP	A109412	10,03
1" BSP	A109416	16,69

### BSP Extended bolt for banjo

Tornillo orientable prolongado BSP

Hohlschraube BSP verlängert für Ringauge

Vis creuse simple prolongée pour banjo



ROSCA THREAD	Referencia Part n°	€
1/4" BSP	1/4" BSP A109204	3,49
3/8" BSP	3/8" BSP A109206	4,38
1/2" BSP	1/2" BSP A109208	5,97
3/4" BSP	3/4" BSP A109212	8,68
1" BSP	1" BSP A109216	16,33

### BSP Reducer bolt for banjo

Tornillo orientable reductor BSP

Hohlschraube BSP mit Reduzierung für Ringauge

Vis creuse simple reduite pour banjo x mâle BSP



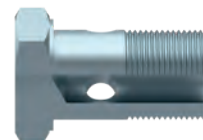
ROSCA THREAD	Referencia Part n°	€
1/4" BSP	3/8" BSP A10930406	4,38
3/8" BSP	1/2" BSP A10930608	6,07
1/2" BSP	3/4" BSP A10930812	8,68
3/4" BSP	1" BSP A10931216	16,33

### Metric bolt for banjo

Tornillo orientable simple rosca Métrica

Einfache Hohlschraube metr. für Ringauge

Vis creuse simple pour banjo filetage Métrique



ROSCA THREAD	Referencia Part n°	€
M8x1	S109208	1,07
M10x1	S109210	1,07
M12x1.5	S109212	1,22
M14x1.5	S109214	1,27
M16x1.5	S109216	1,56
M18x1.5	S109218	2,10
M22x1.5	S109222	2,91
M26x1.5	S109226	4,79
M30x1.5	S109230	10,34

### Metric double bolt for banjo

Tornillo orientable doble rosca Métrica

Doppelte Hohlschraube für Ringauge M metr.

Vis creuse double pour banjo filetage Métrique



ROSCA THREAD	Referencia Part n°	€
M8x1	A10960801	3,84
M10x1	A10961001	2,42
M12x1.5	A10961215	4,54
M14x1.5	A10961415	3,58
M18x1.5	A10961815	6,13

### BSP Banjo-BSP male (60°)

Esférico BSP - macho BSP (60°)

Ringauge BSP-m BSP (60°)

Banjo passage gaz x mâle BSP (60°)



ROSCA THREAD	Ø	Referencia Part n°	€
1/8" BSP	1/8"	A114002	3,65
1/4" BSP	1/4"	A114004	2,61
3/8" BSP	3/8"	A114006	3,67
1/2" BSP	1/2"	A114008	4,40
3/4" BSP	3/4"	A114012	13,89
1" BSP	1"	A114016	47,97

### BSP Banjo with extension-BSP male 60°

Esférico BSP con alargadera-macho BSP (60°)

Ringauge BSP mit Verlängerung-m BSP 60°

Banjo prolongé passage gaz x mâle BSP 60°



ROSCA THREAD	Ø	Referencia Part n°	€
3/8" BSP	3/8"	A111206	7,62
1/2" BSP	3/8"	A11120608	9,57
1/2" BSP	1/2"	A111208	12,60

## METRIC, BSP AND BSPT ADAPTORS

Adaptadores BSP, BSPT y Métricos  
Adapter BSP, BSPT und Metrisch  
Adaptateurs BSP, BSPT et Métrique

### BSP Banjo with extension-BSP swivel female

Esférico BSP con alargadera-hembra giratoria BSP

Ringauge BSP mit Verlängerung-w mit Ü-Mutter BSP

Banjo prolongé passage gaz femelle tournante



ROSCA THREAD	Ø	Referencia Part n°	€
1/2" BSP	1/2"	A111108	16,18

### BSP Banjo with extension-BSP fixed female

Esférico BSP con alargadera-hembra fija BSP

Ringauge BSP mit Verlängerung-w BSP fest

Banjo prolongé passage gaz x femelle fixe BSP



ROSCA THREAD	Ø	Referencia Part n°	€
3/8" BSP	3/8"	A111306	7,54
1/2" BSP	1/2"	A111308	16,30

### Welding union BSP male (60°)

Empalme liso soldable rosca BSP (60°)

Anschweißnippel BSP (60°)

Embout mâle lisse à souder gaz cyl BSP (60°)



ROSCA THREAD	Referencia Part n°	€
1/8" BSP	A129002	1,64
1/4" BSP	A129004	0,95
3/8" BSP	A129006	1,20
1/2" BSP	A129008	1,47
3/4" BSP	A129012	2,68
1" BSP	A129016	6,22
1"1/4 BSP	A129020	18,59
1"1/2 BSP	A129024	20,00
2" BSP	A129032	20,16

### Welding adaptor BSP male (60°) (external welding)

Racor macho BSP (60°) soldable exterior

Gerade Einschraubversch. BSP (60°) schweißbar außen

Mamelon BSP hexagone à souder extérieur bw (60°)



ROSCA THREAD	Referencia Part n°	€
1/8" BSP	A103002	1,75
1/4" BSP	A103004	1,25
3/8" BSP	A103006	1,68
1/2" BSP	A103008	2,16
3/4" BSP	A103012	3,55
1" BSP	A103016	5,37
1"1/4 BSP	A103020	12,41
1"1/2 BSP	A103024	16,17
2" BSP	A103032	24,64

### Welding adaptor BSP male (60°) (internal welding)

Racor macho BSP (60°) soldable interior

Gerade Einschraubversch. BSP (60°) schweißbar innen

Mamelon BSP hexagone à souder intérieur sw (60°)



ROSCA THREAD	Referencia Part n°	€
1/8" BSP	A103102	1,78
1/4" BSP	A103104	1,30
3/8" BSP	A103106	1,46
1/2" BSP	A103108	2,81
3/4" BSP	A103112	4,32
1" BSP	A103116	7,44
1"1/4 BSP	A103120	17,50
1"1/2 BSP	A103124	22,99
2" BSP	A103132	29,42

### BSP Banjo external welding

Esférico BSP soldable exterior

Ringauge BSP schweißbar außen

Banjo passage gaz à souder extérieur (bw)



ROSCA THREAD	Ø	Referencia Part n°	€
1/8" BSP	1/8"	A114102	1,62
1/4" BSP	1/4"	A114104	2,50
3/8" BSP	3/8"	A114106	3,82
1/2" BSP	1/2"	A114108	5,10
3/4" BSP	3/4"	A114112	14,88
1" BSP	1"	A114116	48,51

### Welding nipples for cylinders

Soldables para cilindros

Schweißnippel für Zylinder

Raccords à souder pour verins



ROSCA THREAD	Referencia Part n°	€
1/4" BSP	A13110400000	0,98
3/8" BSP	A13110600000	1,29
1/2" BSP	A13110800000	1,59
3/4" BSP	A13111200000	3,66

## METRIC, BSP AND BSPT ADAPTORS

Adaptadores BSP, BSPT y Métricos  
Adapter BSP, BSPT und Metrisch  
Adaptateurs BSP, BSPT et Métrique

### 90° Elbow BSP swivel female-male

Codo 90° macho-hembra giratoria BSP (60°)

90° Bogen m - w mit Ü-Mutter BSP (60°)

Adapteur coude 90° mâle BSP x femelle tournante BSP (60°)



ROSCA THREAD		Referencia Part.n°	€
1/4" BSP	1/4" BSP	A119404	4,07
3/8" BSP	3/8" BSP	A119406	5,28
1/2" BSP	1/2" BSP	A119408	7,48
3/4" BSP	3/4" BSP	A119412	10,37
1" BSP	1" BSP	A119416	17,03
1" 1/4 BSP	1" 1/4 BSP	A119420	25,72
1" 1/2 BSP	1" 1/2 BSP	A119424	53,63
2" BSP	2" BSP	A119432	75,59

### 90° Elbow BSP swivel female-BSP swivel female

Codo 90° hembra giratoria-hembra giratoria BSP (60°)

90° Bogen w mit Ü-Mutter BSP (60°)

Adapteur coude 90° femelle tournante BSP x femelle tournante BSP (60°)



ROSCA THREAD		Referencia Part.n°	€
1/4" BSP	1/4" BSP	A119604	3,63
3/8" BSP	3/8" BSP	A119606	4,01
1/2" BSP	1/2" BSP	A119608	6,19
3/4" BSP	3/4" BSP	A119612	9,54
1" BSP	1" BSP	A119616	16,66
1" 1/4 BSP	1" 1/4 BSP	A119620	29,08
1" 1/2 BSP	1" 1/2 BSP	A119624	63,88
2" BSP	2" BSP	A119632	92,09

### 45° Elbow BSP swivel female-male

Codo 45° macho-hembra giratoria BSP (60°)

45° Bogen BSP (60°) m - w Ü-Mutter

Adapteur coude 45° mâle BSP x femelle tournante BSP (60°)



ROSCA THREAD		Referencia Part.n°	€
1/4" BSP	1/4" BSP	A119504	3,78
3/8" BSP	3/8" BSP	A119506	4,41
1/2" BSP	1/2" BSP	A119508	4,60
3/4" BSP	3/4" BSP	A119512	9,81
1" BSP	1" BSP	A119516	15,15
1" 1/4 BSP	1" 1/4 BSP	A119520	25,72
1" 1/2 BSP	1" 1/2 BSP	A119524	54,58
2" BSP	2" BSP	A119532	79,49



# METRIC, BSP AND BSPT ADAPTORS

Adaptadores BSP, BSPT y Métricos  
Adapter BSP, BSPT und Metrisch  
Adapteurs BSP, BSPT et Métrique

## 90° Elbow BSP male (60°)-BSP male (60°) forge

Codo 90° macho-macho BSP (60°) forja

90° Bogen m - m BSP (60°) Guss-Stück

Adapteur coude 90° mâle BSP x mâle BSP (60°)  
forge



ROSCA THREAD	Referencia Part n°	€
1/8" BSP	1/8" BSP	S119002 3,42
1/4" BSP	1/4" BSP	S119004 2,98
3/8" BSP	3/8" BSP	S119006 3,89
1/2" BSP	1/2" BSP	S119008 4,91
3/4" BSP	3/4" BSP	S119012 7,82
1" BSP	1" BSP	S119016 16,25
1" 1/4 BSP	1" 1/4 BSP	S119020 40,36
1" 1/2 BSP	1" 1/2 BSP	S119024 48,33
2" BSP	2" BSP	S119032 122,68

## 90° Elbow BSP male (60°)-BSPT male forge

Codo 90° macho BSP (60°) -macho BSPT forja

90° Winkel m BSP (60°) - m BSPT Guss-Stück

Adapteur coude 90° mâle BSP x mâle gaz conique  
(BSPT) (60°) forge



ROSCA THREAD	Referencia Part n°	€
1/8" BSP	1/8" BSPT	S119202 2,46
1/4" BSP	1/4" BSPT	S119204 2,97
3/8" BSP	3/8" BSPT	S119206 4,06
1/2" BSP	1/2" BSPT	S119208 5,13
3/4" BSP	3/4" BSPT	S119212 8,33
1" BSP	1" BSPT	S119216 18,22
1" 1/4 BSP	1" 1/4 BSPT	S119220 49,26
1" 1/2 BSP	1" 1/2 BSPT	S119224 67,58
2" BSP	2" BSPT	S119232 148,93

## 90° Elbow BSPT male-BSPT male forge

Codo 90° macho-macho BSPT forja

90° Bogen m - m BSPT Guss-Stück

Adapteur coude 90° mâle gaz conique (BSPT) x  
mâle gaz conique (BSPT) forge



ROSCA THREAD	Referencia Part n°	€
1/4" BSPT	1/4" BSPT	S119504 6,27
3/8" BSPT	3/8" BSPT	S119506 6,78
1/2" BSPT	1/2" BSPT	S119508 8,00
3/4" BSPT	3/4" BSPT	S119512 10,23
1" BSPT	1" BSPT	S119516 20,77

## 90° Elbow BSP adaptor male (60°) - NPT male (60°)

Codo 90° Macho BSP (60°) - Macho NPT (60°)

90° Winkel m BSP (60°) - m NPT (60°)

Adapteur coude 90° mâle BSP (60°) x mâle NPT  
(60°)



ROSCA THREAD	Referencia Part n°	€
1/4" BSP	1/4" NPT	S11880404 4,75
3/8" BSP	3/8" NPT	S11880606 6,98
1/2" BSP	1/2" NPT	S11880808 9,21
3/4" BSP	3/4" NPT	S11881212 12,80
1" BSP	1" NPT	S11881616 22,20

## 90° Elbow Metric adaptor male-male (60°) forge

Codo 90° macho-macho Métrico (60°) forja

90° Winkel m - m metr. (60°) Guss-Stück

Adapteur coude 90° mâle Métrique x mâle  
Métrique (60°) forge



ROSCA THREAD	Referencia Part n°	€
M12x1.5	M12x1.5	S86012 7,09
M16x1.5	M16x1.5	S86016 9,87
M22x1.5	M22x1.5	S86022 19,88

## 90° Elbow BSPT male-BSP fixed female forge

Codo 90° macho BSPT-hembra fija BSP forja

90° Winkel m BSPT - w BSP fest Guss-Stück

Adapteur coude 90° mâle gaz conique (BSPT) x  
femelle gaz conique (BSP) forge



ROSCA THREAD	Referencia Part n°	€
1/8" BSPT	1/8" BSP	S119402 4,08
1/4" BSPT	1/4" BSP	S119404 5,72
3/8" BSPT	3/8" BSP	S119406 5,61
1/2" BSPT	1/2" BSP	S119408 7,31
3/4" BSPT	3/4" BSP	S119412 13,08
1" BSPT	1" BSP	S119416 22,05
1" 1/4 BSPT	1" 1/4 BSP	S119420 61,86
1" 1/2 BSPT	1" 1/2 BSP	S119424 97,54
2" BSPT	2" BSP	S119432 164,15

## 90° Elbow BSP male-BSP swivel female forge

Codo 90° macho-hembra giratoria BSP (60°) forja

90° Bogen m - w mit Ü-Mutter BSP (60°) Guss-  
Stück

Adapteur coude 90° mâle BSP x femelle tournante  
BSP (60°) forge



ROSCA THREAD	Referencia Part n°	€
1/8" BSP	1/8" BSP	S119302 4,42
1/4" BSP	1/4" BSP	S119304 4,40
3/8" BSP	3/8" BSP	S119306 6,23
1/2" BSP	1/2" BSP	S119308 7,09
3/4" BSP	3/4" BSP	S119312 10,60
1" BSP	1" BSP	S119316 18,01
1" 1/4 BSP	1" 1/4 BSP	S119320 30,16
1" 1/2 BSP	1" 1/2 BSP	S119324 54,51
2" BSP	2" BSP	S119332 141,75

## 90° Elbow BSPT male-BSP swivel female (60°) forge

Codo 90° macho BSPT-hembra giratoria BSP (60°)  
forja

90° Winkel m BSPT - w BSP (60°) Guss-Stück

Adapteur coude 90° mâle gaz conique (BSPT) x  
femelle tournante BSP (60°) forge



ROSCA THREAD	Referencia Part n°	€
1/4" BSPT	1/4" BSP	S119904 7,87
3/8" BSPT	3/8" BSP	S119906 9,90
1/2" BSPT	1/2" BSP	S119908 12,90
3/4" BSPT	3/4" BSP	S119912 19,35
1" BSPT	1" BSP	S119916 31,39

## METRIC, BSP AND BSPT ADAPTORS

Adaptadores BSP, BSPT y Métricos

Adapter BSP, BSPT und Metrisch

Adapteurs BSP, BSPT et Métrique

### 90° Elbow BSP swivel female-BSP swivel female forge

Codo 90° hembra giratoria-hembra giratoria BSP

(60°) forja

90° Winkel w mit Ü-Mutter - w mit Ü-Mutter BSP (60°) Guss-Stück

Adapteur coude 90° femelle tournante BSP x femelle tournante BSP (60°) forge



ROSCA THREAD		Referencia Part n°	€
1/8" BSP	1/8" BSP	S118302	8,90
1/4" BSP	1/4" BSP	S118304	5,20
3/8" BSP	3/8" BSP	S118306	9,84
1/2" BSP	1/2" BSP	S118308	11,27
3/4" BSP	3/4" BSP	S118312	15,17
1" BSP	1" BSP	S118316	24,27
1"1/4 BSP	1"1/4 BSP	S118320	45,13
1"1/2 BSP	1"1/2 BSP	S118324	62,97

### 90° Elbow male adjustable BSP-swivel female BSP forge

Codo 90° orientable macho-hembra giratoria BSP

(60°) forja

90° Winkel einstellbar m - w mit Ü-Mutter BSP (60°) Guss-Stück

Adapteur coude 90° orientable mâle-femelle tournante (60°)



ROSCA THREAD		Referencia Part n°	€
1/4" BSP	1/4" BSP	S119104	9,25
3/8" BSP	3/8" BSP	S119106	12,23
1/2" BSP	1/2" BSP	S119108	12,89
3/4" BSP	3/4" BSP	S119112	20,14
1" BSP	1" BSP	S119116	29,78

### 45° Elbow BSP male-BSP swivel female forge

Codo 45° macho-hembra giratoria forja BSP 60°

forja

45° Winkel m - w mit Ü-Mutter BSP (60°) Guss-Stück

Adapteur coude 45° mâle-femelle tournante BSP forge



ROSCA THREAD		Referencia Part n°	€
1/8" BSP	1/8" BSP	S118502	4,94
1/4" BSP	1/4" BSP	S118504	4,16
3/8" BSP	3/8" BSP	S118506	5,01
1/2" BSP	1/2" BSP	S118508	6,17
3/4" BSP	3/4" BSP	S118512	10,14
1" BSP	1" BSP	S118516	17,15
1"1/4 BSP	1"1/4 BSP	S118520	29,57
1"1/2 BSP	1"1/2 BSP	NEW S118524	51,54

### 90° Elbow BSP fixed female-BSP fixed female forge

Codo 90° hembra fija-hembra fija BSP forja

90° Winkel w BSP fest Guss-Stück

Adapteur coude 90° femelle fixe gaz cyl forge



ROSCA THREAD		Referencia Part n°	€
1/8" BSP	1/8" BSP	S119602	4,50
1/4" BSP	1/4" BSP	S119604	4,04
3/8" BSP	3/8" BSP	S119606	4,87
1/2" BSP	1/2" BSP	S119608	9,22
3/4" BSP	3/4" BSP	S119612	9,73
1" BSP	1" BSP	S119616	17,79
1"1/4 BSP	1"1/4 BSP	S119620	62,53
1"1/2 BSP	1"1/2 BSP	S119624	102,26
2" BSP	2" BSP	S119632	155,66

### 90° Elbow BSP male-BSP male adjustable forge

Codo 90° macho BSP (60°) - macho BSP regulable forja

90° Winkel m BSP (60°) - m BSP einstellbar Guss-Stück

Adapteur coude 90° mâle BSP x mâle gaz cyl orientable or + bae en forge



ROSCA THREAD		Referencia Part n°	€
1/8" BSP	1/8" BSP	S11970202	4,27
1/4" BSP	1/4" BSP	S11970404	4,84
3/8" BSP	1/4" BSP	S11970604	6,71
3/8" BSP	3/8" BSP	S11970606	6,21
1/2" BSP	3/8" BSP	S11970806	7,38
1/2" BSP	1/2" BSP	S11970808	8,21
3/4" BSP	1/2" BSP	S11971208	14,24
3/4" BSP	3/4" BSP	S11971212	13,38
1" BSP	3/4" BSP	S11971612	24,23
1" BSP	1" BSP	S11971616	18,87
1"1/4 BSP	1"1/4 BSP	S11972020	37,04
1"1/2 BSP	1"1/2 BSP	S11972424	54,99
2" BSP	2" BSP	S11973232	157,09

### 90° Elbow bulkhead BSP adaptor male-male (60°)

Codo 90° Pasatabique Macho BSP (60°) - Macho BSP (60°)

90° Schottverschr. m BSP (60°) - m BSP (60°)

Adapteur coude 90° passe cloison mâle BSP (60°) x mâle BSP (60°)



ROSCA THREAD		Referencia Part n°	€
1/4" BSP	1/4" BSP	S11860404	7,56
3/8" BSP	3/8" BSP	S11860606	9,76
1/2" BSP	1/2" BSP	S11860808	12,95
3/4" BSP	3/4" BSP	S11861212	20,96
1" BSP	1" BSP	S11861616	33,76

## METRIC, BSP AND BSPT ADAPTORS

Adaptadores BSP, BSPT y Métricos  
Adapter BSP, BSPT und Metrisch  
Adpteurs BSP, BSPT et Métrique

### 45° Elbow BSP male-BSP male adjustable forge

Codo 45° macho BSP (60°) -macho BSP regulable forja

45° Winkel BSP (60°) m - m einstellbar Guss-Stück

Adapteur coude 45° mâle BSP x mâle gaz cyl orientable or + bae en forge



ROSCA (M) THREAD (M)	ROSCA (MR) THREAD (MR)	Referencia Part n°	€
1/8" BSP	1/8" BSP	S11980202	4,69
1/4" BSP	1/4" BSP	S11980404	4,82
3/8" BSP	3/8" BSP	S11980606	9,09
1/2" BSP	1/2" BSP	S11980808	10,20
3/4" BSP	3/4" BSP	S11981212	11,84
1" BSP	1" BSP	S11981616	21,81
1" 1/4 BSP	1" 1/4 BSP	S11982020	34,08

### 45° Elbow BSP adaptor male (60°) - NPT male (60°)

Codo 45° Macho BSP (60°) - Macho NPT (60°)

45° Bogen m BSP (60°) - m NPT (60°)

Adapteur coude 45° mâle BSP (60°) x mâle NPT (60°)



ROSCA THREAD	Referencia Part n°	€
1/4" BSP	1/4" NPT S11810404	4,75
3/8" BSP	3/8" NPT S11810606	6,98
1/2" BSP	1/2" NPT S11810808	9,21
3/4" BSP	3/4" NPT S11811212	13,38
1" BSP	1" NPT S11811616	20,89

### 45° Elbow BSP adaptor male (60°) - BSPT male

Codo 45° Macho BSP (60°) - Macho BSPT

45° Winkel m BSP (60°) - m BSPT

Adapteur coude 45° mâle BSP (60°) x mâle BSPT



ROSCA THREAD	Referencia Part n°	€
1/4" BSP	1/4" BSPT S11870404	5,72
3/8" BSP	3/8" BSPT S11870606	7,66
1/2" BSP	1/2" BSPT S11870808	10,28
3/4" BSP	3/4" BSPT S11871212	12,41
1" BSP	1" BSPT S11871616	22,88

### 45° Adjustable BSP elbow adaptor male - BSP female (60°)

Codo 45° Regulable Macho BSP - H.G. BSP (60°)

45° Winkel m einstellbar - w mit Ü-Mutter BSP (60°)

Adapteur coude 45° réglable mâle BSP x femelle tournante BSP (60°)



ROSCA THREAD	Referencia Part n°	€
1/4" BSP	1/4" BSP S11820404	8,63
3/8" BSP	3/8" BSP S11820606	13,77
1/2" BSP	1/2" BSP S11820808	17,36
3/4" BSP	3/4" BSP S11821212	22,79
1" BSP	1" BSP S11821616	37,52

## METRIC, BSP AND BSPT ADAPTORS

Adaptadores BSP, BSPT y Métricos  
Adapter BSP, BSPT und Metrisch  
Adapteurs BSP, BSPT et Métrique

### Tee BSP Male (60°) forge

Te macho-macho-macho BSP forja

T-Versch. BSP m-m-m Guss

Adapteur Té mâle BSP-mâle BSP-mâle BSP (60°)  
forge



ROSCA THREAD			Referencia Part n°	€
1/8" BSP	1/8" BSP	1/8" BSP	S122002	4,18
1/4" BSP	1/4" BSP	1/4" BSP	S122004	4,31
3/8" BSP	3/8" BSP	3/8" BSP	S122006	5,14
1/2" BSP	1/2" BSP	1/2" BSP	S122008	7,04
3/4" BSP	3/4" BSP	3/4" BSP	S122012	10,18
1" BSP	1" BSP	1" BSP	S122016	19,12
1"1/4 BSP	1"1/4 BSP	1"1/4 BSP	S122020	53,05
1"1/2 BSP	1"1/2 BSP	1"1/2 BSP	S122024	86,78
2" BSP	2" BSP	2" BSP	S122032	185,04

### Barrel tee BSP Male-male-swivel female (60°) forge

Te macho-macho-hembra giratoria BSP (60°) forja

T-Versch. BSP (60°) m-m-w mit Ü-Mutter Guss

Adapteur Té mâle BSP-mâle BSP-femelle  
tournante BSP (60°) forge



ROSCA THREAD			Referencia Part n°	€
1/8" BSP	1/8" BSP	1/8" BSP	S122302	4,84
1/4" BSP	1/4" BSP	1/4" BSP	S122304	5,59
3/8" BSP	3/8" BSP	3/8" BSP	S122306	7,03
1/2" BSP	1/2" BSP	1/2" BSP	S122308	8,83
3/4" BSP	3/4" BSP	3/4" BSP	S122312	14,92
1" BSP	1" BSP	1" BSP	S122316	23,81
1"1/4 BSP	1"1/4 BSP	1"1/4 BSP	S122320	42,50
1"1/2 BSP	1"1/2 BSP	1"1/2 BSP	S122324	97,99
2" BSP	2" BSP	2" BSP	S122332	220,15

### Brunch tee BSP Male-swivel female-male (60°) forge

Te macho-hembra giratoria-macho BSP (60°) forja

T-Versch. BSP (60°) m-w mit Ü-Mutter-m Guss

Adapteur Té mâle BSP-femelle tournante BSP-  
mâle BSP (60°) forge



ROSCA THREAD			Referencia Part n°	€
1/8" BSP	1/8" BSP	1/8" BSP	S122402	5,15
1/4" BSP	1/4" BSP	1/4" BSP	S122404	4,97
3/8" BSP	3/8" BSP	3/8" BSP	S122406	6,69
1/2" BSP	1/2" BSP	1/2" BSP	S122408	8,83
3/4" BSP	3/4" BSP	3/4" BSP	S122412	14,75
1" BSP	1" BSP	1" BSP	S122416	24,22
1"1/4 BSP	1"1/4 BSP	1"1/4 BSP	S122420	39,44
1"1/2 BSP	1"1/2 BSP	1"1/2 BSP	S122424	103,36
2" BSP	2" BSP	2" BSP	S122432	232,22

### Tee Metric male (60°) forge

Te macho-macho-macho Métrica (60°) forja

T-Versch. metr. m Guss

Adapteur Té égal mâle-mâle-mâle Métrique (60°)  
forge



ROSCA THREAD			Referencia Part n°	€
M16x1.5	M16x1.5	M16x1.5	S86516	9,38
M18x1.5	M18x1.5	M18x1.5	S86518	10,13
M20x1.5	M20x1.5	M20x1.5	S86520	15,56
M22x1.5	M22x1.5	M22x1.5	S86522	12,54
M26x1.5	M26x1.5	M26x1.5	S86526	18,56
M30x1.5	M30x1.5	M30x1.5	S86530	25,75

### Tee BSP Swivel female (60°) forge

Te hembras giratorias BSP (60°) forja

T-Guss-Stück w mit Ü-Mutter BSP (60°)

Adapteur Té femelle tournante BSP (60°) forge



ROSCA THREAD			Referencia Part n°	€
1/8" BSP	1/8" BSP	1/8" BSP	S122502	10,66
1/4" BSP	1/4" BSP	1/4" BSP	S122504	7,19
3/8" BSP	3/8" BSP	3/8" BSP	S122506	9,17
1/2" BSP	1/2" BSP	1/2" BSP	S122508	11,78
3/4" BSP	3/4" BSP	3/4" BSP	S122512	23,87
1" BSP	1" BSP	1" BSP	S122516	37,14
1"1/4 BSP	1"1/4 BSP	1"1/4 BSP	S122520	80,43

### Tee BSP fixed female forge

Te hembras fijas BSP forja

T-Guss-Stück w fest BSP

Adapteur Té femelle fixe gaz (BSP) forge



ROSCA THREAD			Referencia Part n°	€
1/8" BSP	1/8" BSP	1/8" BSP	S122602	5,18
1/4" BSP	1/4" BSP	1/4" BSP	S122604	6,19
3/8" BSP	3/8" BSP	3/8" BSP	S122606	8,00
1/2" BSP	1/2" BSP	1/2" BSP	S122608	11,10
3/4" BSP	3/4" BSP	3/4" BSP	S122612	14,87
1" BSP	1" BSP	1" BSP	S122616	29,75
1"1/4 BSP	1"1/4 BSP	1"1/4 BSP	S122620	103,60
1"1/2 BSP	1"1/2 BSP	1"1/2 BSP	S122624	148,83
2" BSP	2" BSP	2" BSP	S122632	270,08

## METRIC, BSP AND BSPT ADAPTORS

Adaptadores BSP, BSPT y Métricos  
Adapter BSP, BSPT und Metrisch  
Adpteurs BSP, BSPT et Métrique

### Barrel tee BSP male-male-male adjustable forge

Te macho-macho-macho regulable BSP forja

Einstellbare T-Versch. m - m - m Guss

Adapteur Té égal mâle (60°)-mâle (60°)-mâle orientable BSP forge



ROSCA THREAD		Referencia Part n°		€
1/4" BSP	1/4" BSP	1/4" BSP	S12290404	7,05
3/8" BSP	3/8" BSP	3/8" BSP	S12290606	9,60
1/2" BSP	1/2" BSP	3/8" BSP	S12290806	18,03
1/2" BSP	1/2" BSP	1/2" BSP	S12290808	18,29
3/4" BSP	3/4" BSP	1/2" BSP	S12291208	28,22
3/4" BSP	3/4" BSP	3/4" BSP	S12291212	37,90
1" BSP	1" BSP	3/4" BSP	S12291612	47,32
1" BSP	1" BSP	1" BSP	S12291616	61,29
1"1/4 BSP	1"1/4 BSP	1"1/4 BSP	S12292020	64,71

### Brunch tee BSP male-male adjustable-male forge

Te macho-macho regulable-macho BSP forja

T-Versch. BSP m-m einstellbar-m Guss

Adapteur Té égal mâle (60°)-mâle orientable-mâle (60°) BSP forge



ROSCA THREAD		Referencia Part n°		€
1/4" BSP	1/4" BSP	1/4" BSP	S12280404	7,18
3/8" BSP	1/4" BSP	3/8" BSP	S12280604	13,77
3/8" BSP	3/8" BSP	3/8" BSP	S12280606	15,34
1/2" BSP	3/8" BSP	1/2" BSP	S12280806	18,69
1/2" BSP	1/2" BSP	1/2" BSP	S12280808	20,39
3/4" BSP	1/2" BSP	3/4" BSP	S12281208	28,22
3/4" BSP	3/4" BSP	3/4" BSP	S12281212	28,89
1" BSP	3/4" BSP	1" BSP	S12281612	55,07
1" BSP	1" BSP	1" BSP	S12281616	58,72
1"1/4 BSP	1" BSP	1"1/4 BSP	S12282016	62,05
1"1/4 BSP	1"1/4 BSP	1"1/4 BSP	S12282020	69,04

### Cross fixed female BSP forge

Cruz hembra fija BSP forja

Kreuzstück BSP Innengewinde Guss

Cross BSP femelle fixe forge



ROSCA THREAD	Referencia Part n°	€
1/8" BSP	S122702	7,82
1/4" BSP	S122704	9,70
3/8" BSP	S122706	12,28
1/2" BSP	S122708	15,00
3/4" BSP	S122712	19,58
1" BSP	S122716	29,55

## METRIC, BSP AND BSPT ADAPTORS

Adaptadores BSP, BSPT y Métricos

Adapter BSP, BSPT und Metrisch

Adaptateurs BSP, BSPT et Métrique

### 90° reducer elbow male-male BSP (60°) (square)

Codo cuadrado 90° reductor macho-macho BSP (60°)

90° Vierkantwinkel Reduzierung m - m BSP (60°)

Adapteur carré coude 90° reducteur mâle BSP - mâle BSP (60°) en bloque



ROSCA THREAD		Referencia Part n°	€
1/8" BSP	1/4" BSP	A11920204	5,53
1/4" BSP	3/8" BSP	A11920406	6,78
3/8" BSP	1/2" BSP	A11920608	10,81
1/2" BSP	3/4" BSP	A11920812	13,56
3/4" BSP	1" BSP	A11921216	20,34

### 90° Elbow BSP male (square)

Codo cuadrado 90° macho BSP

90° Vierkantwinkel m BSP

Adapteur carré Coude 90° mâle BSP



ROSCA THREAD		Referencia Part n°	€
1/4" BSP	1/4" BSP	A21900400	4,57
3/8" BSP	3/8" BSP	A21900600	5,05
1/2" BSP	1/2" BSP	A21900800	7,30
3/4" BSP	3/4" BSP	A21901200	10,85
1" BSP	1" BSP	A21901600	20,80

### 90° Elbow BSP male-BSP swivel female (square)

Codo cuadrado 90° macho-hembra giratoria

90° Vierkantwinkel m - w mit Ü-Mutter BSP

Adapteur carré Coude 90° mâle BSP - femelle BSP



ROSCA THREAD		Referencia Part n°	€
1/4" BSP	1/4" BSP	A21930400	5,34
3/8" BSP	3/8" BSP	A21930600	6,14
1/2" BSP	1/2" BSP	A21930800	9,04
3/4" BSP	3/4" BSP	A21931200	13,34
1" BSP	1" BSP	A21931600	35,60

### Tee BSP male (square)

Te cuadrado macho-macho-macho

4 kt T-Stück m - m - m

Adapteur carré Té mâle BSP-mâle BSP-mâle BSP



ROSCA THREAD			Referencia Part n°	€
1/4" BSP	1/4" BSP	1/4" BSP	A22200400	5,85
3/8" BSP	3/8" BSP	3/8" BSP	A22200600	6,83
1/2" BSP	1/2" BSP	1/2" BSP	A22200800	10,97
3/4" BSP	3/4" BSP	3/4" BSP	A22201200	15,39
1" BSP	1" BSP	1" BSP	A22201600	29,31

### Branch tee BSP male-swivel female-male (square)

Te cuadrado macho-hembra giratoria-macho

4 kt T-Stück m - w mit Ü-Mutter - M

Adapteur carré Té mâle BSP-femelle tournante BSP-mâle BSP



ROSCA THREAD			Referencia Part n°	€
1/4" BSP	1/4" BSP	1/4" BSP	A22240400	6,09
3/8" BSP	3/8" BSP	3/8" BSP	A22240600	8,32
1/2" BSP	1/2" BSP	1/2" BSP	A22240800	11,06
3/4" BSP	3/4" BSP	3/4" BSP	A22241200	15,90
1" BSP	1" BSP	1" BSP	A22241600	29,40

### Barrel tee BSP male-male-swivel female (square)

Te cuadrado macho-macho-hembra giratoria

4 kt T-Stück m - m - w mit Ü-Mutter

Adapteur carré Té mâle BSP-mâle BSP-femelle tournante BSP



ROSCA THREAD			Referencia Part n°	€
1/4" BSP	1/4" BSP	1/4" BSP	A22220400	6,33
3/8" BSP	3/8" BSP	3/8" BSP	A22220600	8,32
1/2" BSP	1/2" BSP	1/2" BSP	A22220800	11,27
3/4" BSP	3/4" BSP	3/4" BSP	A22221200	21,84
1" BSP	1" BSP	1" BSP	A22221600	27,95

### Cross BSP male (square)

Cruz cuadrada macho BSP

Kreuzstück BSP Außengewinde

Adapteur carré Croix égale mâle BSP

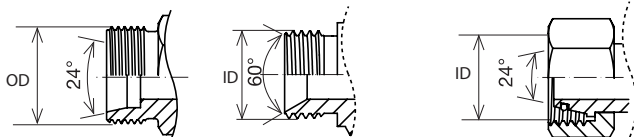


ROSCA THREAD		Referencia Part n°	€
1/4" BSP		A22230400	8,74
3/8" BSP		A22230600	8,68
1/2" BSP		A22230800	15,39
3/4" BSP		A22231200	27,02
1" BSP		A22231600	27,01

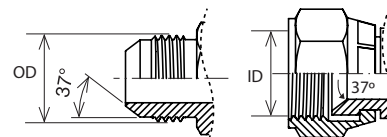
# TABLA DE ROSCAS

Thread data table

## METRICA



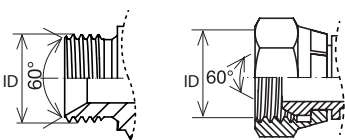
## JIC



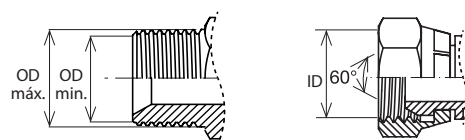
Métrica Metrical	Cono 24° 24° cone	Cono 60° 60° cone	Male thread OD	Female thread ID
12 x 1,5	*	*	12	10,5
14 x 1,5	*	*	14	12,5
16 x 1,5	*	*	16	14,5
18 x 1,5	*	*	18	16,5
20 x 1,5	*	*	20	18,5
22 x 1,5	*	*	22	20,5
24 x 1,5	*	*	24	22,5
26 x 1,5	*	*	26	24,5
30 x 1,5	*	*	30	28,5
30 x 2	*	*	30	28,00
36 x 2	*	*	36	34,00
38 x 1,5	*	*	38	36,5
42 x 2	*	*	42	40,00
45 x 1,5	*	*	45	43,5
45 x 2	*	*	45	43
52 x 1,5	*	*	52	50,5
52 x 2	*	*	52	50
65 x 2	*	*	65	63
78 x 2	*	*	78	76

SAE	Male thread OD	Female thread ID
7/16-20	11,07	10,00
1/2-20	12,70	11,60
9/16-18	14,25	13,00
5/8-18	15,85	14,70
3/4-16	19,00	17,60
7/8-14	22,17	20,50
1 1/16-12	26,95	25,00
1 1/16-14	26,95	25,30
1 5/16-12	33,30	31,30
1 5/16-14	33,30	31,60
1 5/8-12	41,42	39,20
1 5/8-14	41,22	39,50
1 7/8-12	47,57	45,60
1 7/8-14	47,57	45,90
2 1/2-12	63,45	61,50
3-12	76,20	74,30

## BSP



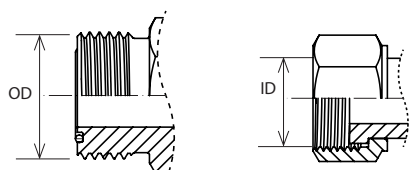
## NPT-BSPT-NPSM



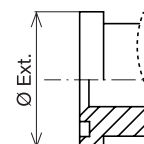
BSP	Male thread OD	Female thread iD
1/4-19	13,16	11,50
3/8-19	16,66	14,90
1/2-14	20,96	18,60
5/8-14	22,91	20,60
3/4-14	26,44	24,10
1-11	33,25	30,30
1 1/4-11	41,91	38,90
1 1/2-11	47,80	44,90
2-11	59,62	56,70

NPT cónicas Conical NPT	Male thread máx. OD	Male thread min. OD	Female thread iD	BSPT cónicos Conical BSPT	Male thread máx. OD	Male thread min OD
1/8-27	10,59	9,98	8,6	1/8-28	10,20	9,48
1/4-18	14,12	13,28	11,9	1/4-19	13,90	12,85
3/8-18	17,55	16,71	15,0	3/8-19	17,31	16,26
1/2-14	21,84	21,08	19,1	1/2-14	21,89	20,55
3/4-14	27,17	26,13	24,6	3/4-14	27,30	25,84
1-11,5	33,96	32,74	30,5	1-11	34,41	32,65
1 1/4-11,5	42,72	41,47	39,4	1 1/4-11	42,91	41,11
1 1/2-11,5	48,81	47,54	45,5	1 1/2-11	48,83	47,08
2-11,5	60,88	59,56	57,4	2-11	60,94	58,62

## ORFS



## BRIDAS



ORFS	Male thread OD	Female thread iD
9/16" 18h	14,25	13,0
11/16" 16h	17,40	15,4
13/16" 16h	20,05	18,6
1" 14h	25,30	23,1
1" 3/16 12h	30,10	27,5
1" 7/16 12h	36,40	33,8
1" 11/16 12h	42,80	40,2
2" 12h	50,70	48,1

Brida SAE	Ø ext. 3000 PSI	Ø ext. 6000 PSI
1/2"	30,2	31,8
3/4"	38,1	41,3
1"	44,5	47,6
1" 1/4	50,8	54,0
1" 1/2	60,3	63,5
2"	71,4	79,4

\* 9000 PSI flanges have the same Ø as 6000 PSI, but with thickness deck 14,3 / Las bridas 9000 PSI son iguales en Ø a las 6000 PSI, pero con espesor de pletina 14,3 / Die Flansche 9000 PSI sind im Ø gleich denen von 6000 PSI, aber mit der Plattendicke 14,3. / Les brides 9000 PSI son égales en Ø aux brides 6000 PSI, mais l'épaisseur est de 14,3 mm.

## METRIC, BSP AND BSPT ADAPTORS

Adaptadores BSP, BSPT y Métricos  
Adapter BSP, BSPT und Metrisch  
Adpteurs BSP, BSPT et Métrique

### BSP Bonded Seal

Juntas Metal Buna BSP Autocentrantes

USIT-Dichtringe BSP selbstzentrierend

Bague BS BSPz



ROSCA THREAD	Referencia Part n°	€
1/8" BSP	T21002	0,22
1/4" BSP	T21004	0,26
3/8" BSP	T21006	0,32
1/2" BSP	T21008	0,44
5/8" BSP	T21010	0,76
3/4" BSP	T21012	0,54
1" BSP	T21016	0,94
1"1/4 BSP	T21020	1,30
1"1/2 BSP	T21024	1,63
2" BSP	T21032	2,53
2" 1/2 BSP	T21040	32,42

Sold in bags, prices per unit / Se venden en bolsas, precios por unidad / In Verpackungseinheit geliefert. Preis pro Stück. / Vendu dans des sacs, prix par unité

### Metric Bonded Seal Sel-Centering

Juntas Metal Buna Métricas Autocentrantes

USIT-Dichtringe metr. selbstzentrierend

Bague BS Métrique



ROSCA THREAD	Referencia Part n°	€
M6X1	T32006	0,33
M8x1	T32008	0,28
M10x1	T32010	0,28
M12x1.5	T32012	0,31
M14x1.5	T32014	0,33
M16x1.5	T32016	0,35
M18x1.5	T32018	0,39
M20x1.5	T32020	0,41
M22x1.5	T32022	0,53
M24x1.5	T32024	0,50
M26x1.5	T32026	0,72
M27X1,5	T32027	1,34
M30x2	T32030	0,82
M36x2	T32036	1,53
M42x2	T32042	3,17
M48X2	T32048	3,83

Sold in bags, prices per unit / Se venden en bolsas, precios por unidad. / In Verpackungseinheit geliefert. Preis pro Stück. / Vendu dans des sacs, prix par unité

### BSP Aluminium Collar Plate

Arandelas Aluminio BSP

Aluminium-Dichtringe BSP

Rondelle BSP Aluminium



ROSCA THREAD	Ø INT. Ø INNER	Ø EXT. Ø OUTER	Referencia Part n°	€
1/8"	10	14	A133202	0,12
1/4"	13	19	A133204	0,15
3/8"	17	22	A133206	0,20
1/2"	21	27	A133208	0,32
3/4"	27	33	A133212	0,42
1"	33	41	A133216	0,61
1"1/4	42	50	A133220	1,74

### BSP Annealed Copper flat Plate

Arandelas plana Cobre recocido BSP

Gehärtete Kupfer-Dichtringe flach BSP

Rondelle plane BSP Cuivre recuit



ROSCA THREAD	Ø INT. Ø INNER	Ø EXT. Ø OUTER	Referencia Part n°	€
1/8"	10	14	A133002	0,26
1/4"	13	19	A133004	0,40
3/8"	17	22	A133006	0,41
1/2"	21	27	A133008	0,66
3/4"	27	33	A133012	1,17
1"	33	41	A133016	1,30
1"1/4	42	50	A133020	1,81
1"1/2	48	56	A133024	3,45
2"	60	72	A133032	4,25

### BSP Steel flat Plate

Arandelas plana Acero BSP

Stahl-Dichtringe BSP flach

Bague plate Acier BSP



ROSCA THREAD	Ø INT. Ø INNER	Ø EXT. Ø OUTER	Referencia Part n°	€
1/8"	12.2	15	A13330200000	1,40
1/4"	16.15	19.5	A13330400000	1,39
3/8"	19.5	23.5	A13330600000	1,29
1/2"	23.3	28.5	A13330800000	1,39
3/4"	28.6	34.5	A13331200000	1,48
1"	36.6	43.5	A13331600000	1,66
1"1/4	44.9	52.5	A13332000000	1,94



## NPT ADAPTORS

Adaptadores NPT  
Adapter NPT  
Adpteurs NPT

### Adaptor male NPT - male NPT

Adaptor macho - macho NPT

Doppelnippel AGN-AGN

Adapteur mâle NPT - mâle NPT



ROSCA THREAD		Referencia Part n°	€
1/8" NPT	1/8" NPT	A10150202	1,25
1/4" NPT	1/4" NPT	A10150404	1,81
3/8" NPT	3/8" NPT	A10150606	2,08
1/2" NPT	1/2" NPT	A10150808	2,80
3/4" NPT	3/4" NPT	A10151212	4,89
1" NPT	1" NPT	A10151616	7,33
1" 1/4 NPT	1" 1/4 NPT	A10152020	13,40
1" 1/2 NPT	1" 1/2 NPT	A10152424	19,01
2" NPT	2" NPT	A10153232	42,38

### Reducer male NPT - male NPT

Reductor macho - macho NPT

Reduziernippel NPT

Réducteur mâle NPT- mâle NPT



ROSCA THREAD		Referencia Part n°	€
1/4" NPT	1/8" NPT	A10150402	1,29
3/8" NPT	1/8" NPT	A10150602	1,42
3/8" NPT	1/4" NPT	A10150604	2,18
1/2" NPT	1/4" NPT	A10150804	2,69
1/2" NPT	3/8" NPT	A10150806	2,54
3/4" NPT	1/4" NPT	A10151204	4,25
3/4" NPT	3/8" NPT	A10151206	4,25
3/4" NPT	1/2" NPT	A10151208	4,21
1" NPT	1/2" NPT	A10151608	8,04
1" NPT	3/4" NPT	A10151612	7,73
1" 1/4 NPT	1" NPT	A10152016	14,26
1" 1/2 NPT	1" 1/4 NPT	A10152420	19,01
2" NPT	1" 1/2 NPT	A10153224	42,37

### Adaptor male NPT (60°) - swivel female NPSM (60°)

Adaptador Macho NPT (60°) - H.G. NPSM (60°)

Adapter m NPT (60°) - w Ü-Mutter NPSM (60°)

Adapteur mâle NPT (60°) - femelle tournante NPSM (60°)



ROSCA THREAD		Referencia Part n°	€
1/4" NPT	1/4" NPSM	N11700404	4,46
3/8" NPT	3/8" NPSM	N11700606	5,72
1/2" NPT	1/2" NPSM	N11700808	7,56
3/4" NPT	3/4" NPSM	N11701212	7,87
1" NPT	1" NPSM	N11701616	17,74
1" 1/4 NPT	1" 1/4 NPSM	N11702020	26,96

### Adaptor male NPT (60°) - fixed female NPT

Adaptador Macho NPT (60°) - Hembra Fija NPT

Adapter m NPT (60°) - w fest NPT (60°)

Adapteur mâle NPT (60°)- femelle fixe NPT



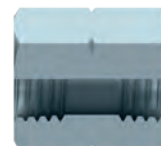
ROSCA (M) THREAD (M)	ROSCA (H) THREAD (F)	Referencia Part n°	€
1/4" NPT	1/4" NPT	N10600404	3,67
1/4" NPT	3/8" NPT	N10600406	3,94
3/8" NPT	1/4" NPT	N10600604	2,75
3/8" NPT	3/8" NPT	N10600606	4,46
3/8" NPT	1/2" NPT	N10600608	7,08
1/2" NPT	3/8" NPT	N10600806	5,33
1/2" NPT	1/2" NPT	N10600808	7,27
1/2" NPT	3/4" NPT	N10600812	9,99
3/4" NPT	3/4" NPT	N10601212	10,38
1" NPT	1" NPT	N10601616	16,19

### NPT adaptor fixed female - fixed female NPT

Adaptador Hembra Fija NPT - Hembra Fija NPT

Muffen fest NPT

Adapteur femelle fixe NPT - femelle fixe NPT



ROSCA THREAD	Referencia Part n°	€
1/4" NPT	N103100404	2,75
3/8" NPT	N103100606	3,63
1/2" NPT	N103100808	5,96
3/4" NPT	N103101212	8,78
1" NPT	N103101616	12,82

## NPT ADAPTORS

Adaptadores NPT  
Adapter NPT  
Adpteurs NPT

### NPT fixed female cap

Tapón HF NPT

Verschlussstopfen HF NPT

Bouchon femelle fixe NPT



ROSCA THREAD	Referencia Part n°	€
1/8" NPT	N107202	0,96
1/4" NPT	N107204	1,29
3/8" NPT	N107206	1,86
1/2" NPT	N107208	2,68
3/4" NPT	N107212	3,31
1" NPT	N107216	6,94

### NPT Allen plug

Tapón Allen NPT

Verschlussversch. Allen NPT (60°)

Bouchon Allen NPT



ROSCA THREAD	Referencia Part n°	€
1/4" NPT	N107104	1,16
3/8" NPT	N107106	2,33
1/2" NPT	N107108	3,11
3/4" NPT	N107112	3,98
1" NPT	N107116	6,69

### NPT (60°) male plug

Tapón macho NPT (60°)

Verschluss TYP NPT (60°)

Bouchon mâle NPT (60°)



ROSCA THREAD	Referencia Part n°	€
1/4" NPT	N107004	1,23
3/8" NPT	N107006	1,45
1/2" NPT	N107008	2,23
3/4" NPT	N107012	4,37
1" NPT	N107016	6,70

### 90° elbow fixed female NPT - fixed female NPT

Codo 90° HF-HF NPT

90° Winkel w fest - w fest NPT

Coude 90° femelle fixe NPT - femelle fixe NPT



ROSCA THREAD	Referencia Part n°	€
1/8" NPT	N119602	3,05
1/4" NPT	N119604	4,65
3/8" NPT	N119606	6,14
1/2" NPT	N119608	9,46
3/4" NPT	N119612	15,72
1" NPT	N119616	23,36
1"1/4 NPT	N119620	34,58
1"1/2 NPT	N119624	63,50
2" NPT	N119632	113,05

### 90° elbow male NPT - male NPT

Codo 90° M-M NPT

90° Winkel m-m NPT

Coude 90° mâle NPT - mâle NPT



ROSCA THREAD	Referencia Part n°	€
1/8" NPT	N119002	2,93
1/4" NPT	N119004	3,72
3/8" NPT	N119006	4,76
1/2" NPT	N119008	6,78
3/4" NPT	N119012	10,72
1" NPT	N119016	17,49
1"1/4 NPT	N119020	29,93
1"1/2 NPT	N119024	42,26
2" NPT	N119032	87,56

### 90° elbow male NPT 60° - swivel female NPSM 60°

Codo 90 Macho NPT (60°) - H.G. NPSM (60°)

90° Winkel m NPT (60°) - w mit Ü-Mutter NPSM (60°)

Coude 90° mâle NPT 60° - femelle tournante NPSM 60°



ROSCA THREAD		Referencia Part n°	€
1/4" NPT	1/4" NPSM	N11930404	6,11
3/8" NPT	3/8" NPSM	N11930606	8,05
1/2" NPT	1/2" NPSM	N11930808	9,39
3/4" NPT	3/4" NPSM	N11931212	15,22
1" NPT	1" NPSM	N11931616	24,05
1" 1/4 NPT	1" 1/4 NPSM	N11932020	40,34

## NPT ADAPTORS

Adaptadores NPT  
Adapter NPT  
Adpteurs NPT

### 45° elbow fixed female NPT - fixed female NPT

Codo 45 Hembra Fija NPT - Hembra Fija NPT

45° Winkel w NPT fest - w NPT fest

Coude 45° femelle fixe NPT - femelle fixe NPT



ROSCA THREAD	Referencia Part n°	€
1/4" NPT	N11960404	6,69
3/8" NPT	N11960606	8,05
1/2" NPT	N11960808	10,86
3/4" NPT	N11961212	16,00
1" NPT	N11961616	26,76

### 45° elbow male NPT 60° - swivel female NPSM 60°

Codo 45 Macho NPT (60°) - H.G. NPSM (60°)

45° Winkel m NPT (60°) - w mit Ü-Mutter NPSM (60°)

Coude 45° mâle NPT 60° - swivel female NPSM 60°



ROSCA THREAD	Referencia Part n°	€
1/4" NPT	1/4" NPSM N13930404	6,38
3/8" NPT	3/8" NPSM N13930606	8,41
1/2" NPT	1/2" NPSM N13930808	10,74
3/4" NPT	3/4" NPSM N13931212	15,90
1" NPT	1" NPSM N13931616	25,12
1"1/4" NPT	1" 1/4" NPSM N13932020	44,47

### 45° elbow male NPT 60° - male NPT 60°

Codo 45 Macho NPT (60°) - Macho NPT (60°)

45° Winkel m NPT (60°) - m NPT (60°)

Coude 45° mâle NPT 60° - mâle NPT 60°



ROSCA THREAD	Referencia Part n°	€
1/4" NPT	N11980404	4,36
3/8" NPT	N11980606	5,91
1/2" NPT	N11980808	8,44
3/4" NPT	N11981212	12,90
1" NPT	N11981616	20,46

### NPT (60°) male tee

T M-M-M NPT (60°)

T-Stück m NPT (60°)

Té mâle NPT (60°)



ROSCA THREAD	Referencia Part n°	€
1/8" NPT	N122002	4,50
1/4" NPT	N122004	4,75
3/8" NPT	N122006	6,11
1/2" NPT	N122008	11,73
3/4" NPT	N122012	19,40
1" NPT	N122016	26,19
1" 1/4" NPT	N122020	59,82
3/4" NPT	N122024	96,76
2" NPT	N122032	215,74

### NPT fixed female tee

T HF-HF-HF NPT

T-Stück w fest NPT

Té femelle fixe NPT



ROSCA THREAD	Referencia Part n°	€
1/8" NPT	N122602	5,26
1/4" NPT	N122604	6,22
3/8" NPT	N122606	9,00
1/2" NPT	N122608	13,45
3/4" NPT	N122612	21,44
1" NPT	N122616	34,00
1"1/4" NPT	N122620	61,38
1" 1/2" NPT	N122624	138,46
2" NPT	N122632	229,31

# ORFS ADAPTORS

Adaptadores ORFS

Adapter ORFS

Adpteurs ORFS

## ORFS Nut

Tuerca ORFS

Mutter ORFS - m ORFS

Ecrou ORFS



ROSCA THREAD	Referencia Part n°	€
ORFS 9/16"-18h	OR1020400	0,99
ORFS 11/16"-16h	OR1020600	1,41
ORFS 13/16"-16h	OR1020800	1,56
ORFS 1"-14h	OR1021000	2,22
ORFS 1 3/16-12h	OR1021200	6,06
ORFS 1 7/16-12h	OR1021600	6,96
ORFS 1 11/16-12h	OR1022000	15,58
ORFS 2"-12h	OR1022400	15,25

## ORFS Male plug

Tapón macho ORFS

Verschluss TYP ORFS

Bouchon mâle ORFS



ROSCA THREAD	Referencia Part n°	€
ORFS 9/16"-18h	OR1040400	1,33
ORFS 11/16"-16h	OR1040600	1,98
ORFS 13/16"-16h	OR1040800	2,30
ORFS 1"-14h	OR1041000	3,26
ORFS 1 3/16-12h	OR1041200	4,77
ORFS 1 7/16-12h	OR1041600	6,57
ORFS 1 11/16-12h	OR1042000	8,50
ORFS 2"-12h	OR1042400	23,93

## ORFS-ORFS Male

Adaptador macho ORFS

Doppelnippel m - m ORFS

Mâle ORFS-ORFS



ROSCA THREAD	Referencia Part n°	€
ORFS 9/16"-18h	ORFS 9/16"-18h	OR2000404 2,44
ORFS 11/16"-16h	ORFS 9/16"-18h	OR2000604 2,98
ORFS 11/16"-16h	ORFS 11/16"-16h	OR2000606 3,12
ORFS 13/16"-16h	ORFS 11/16"-16h	OR2000806 4,47
ORFS 13/16"-16h	ORFS 13/16"-16h	OR2000808 4,06
ORFS 1"-14h	ORFS 13/16"-16h	OR2001008 5,96
ORFS 1"-14h	ORFS 1"-14h	OR2001010 6,03
ORFS 1 3/16-12h	ORFS 1"-14h	OR2001210 7,33
ORFS 1 3/16-12h	ORFS 1 3/16-12h	OR2001212 8,20
ORFS 1 7/16-12h	ORFS 1 3/16-12h	OR2001612 15,89
ORFS 1 7/16-12h	ORFS 1 7/16-12h	OR2001616 10,62
ORFS 1 11/16-12h	ORFS 1 7/16-12h	OR2002016 18,41
ORFS 1 11/16-12h	ORFS 1 11/16-12h	OR2002020 22,65
ORFS 2"-12h	ORFS 2"-12h	OR2002424 35,93

## ORFS Welding cone

Cono soldar

Schweißkegel ORFS

Collet à souder ORFS



ROSCA THREAD	Referencia Part n°	€
ORFS 9/16"-18h	OR12730406	1,92
ORFS 11/16"-16h	OR12730610	1,74
ORFS 13/16"-16h	OR12730812	2,12
ORFS 1"-14h	OR12731014	2,73
ORFS 1"-14h	OR12731015	2,73
ORFS 1"-14h	OR12731016	2,73
ORFS 1 3/16-12h	OR12731218	3,14
ORFS 1 3/16-12h	OR12731220	2,57
ORFS 1 11/16-12h	OR12732030	10,20
ORFS 2"-12h	OR12732438	14,77

## ORFS Female cap

Tapón hembra giratoria ORFS

Verschlussmutter ORFS

Bouchon femelle ORFS



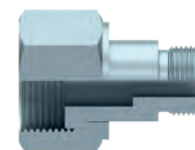
ROSCA THREAD	Referencia Part n°	€
ORFS 9/16"-18h	OR1050400	1,96
ORFS 11/16"-16h	OR1050600	2,46
ORFS 13/16"-16h	OR1050800	3,00
ORFS 1"-14h	OR1051000	4,59
ORFS 1 3/16-12h	OR1051200	6,14
ORFS 1 7/16-12h	OR1051600	7,50
ORFS 1 11/16-12h	OR1052000	14,16
ORFS 2"-12h	OR1052400	22,95

## ORFS Swivel female-ORFS Male

Adaptador reductor hembra giratoria ORFS-macho ORFS

Adapter w mit Drallmutter ORFS - m ORFS

Femelle tournante ORFS-mâle ORFS



ROSCA (H) THREAD (F)	ROSCA (M) THREAD (M)	Referencia Part n°	€
ORFS 11/16"-16h	ORFS 9/16"-18h	OR3010604	4,53
ORFS 13/16"-16h	ORFS 9/16"-18h	OR3010804	5,95
ORFS 13/16"-16h	ORFS 11/16"-16h	OR3010806	6,55
ORFS 1"-14h	ORFS 9/16"-18h	OR3011004	10,94
ORFS 1"-14h	ORFS 13/16"-16h	OR3011008	10,94
ORFS 1 3/16-12h	ORFS 11/16"-16h	OR3011206	9,34
ORFS 1 3/16-12h	ORFS 13/16-16h	OR3011208	9,20
ORFS 1 3/16-12h	ORFS 1"-14h	OR3011210	13,18
ORFS 1 7/16-12h	ORFS 13/16"-16h	OR3011608	17,59
ORFS 1 7/16-12h	ORFS 1"-14h	OR3011610	17,59
ORFS 1 11/16-12h	ORFS 1 3/16-12h	OR3012012	23,68
ORFS 1 11/16-12h	ORFS 1 7/16-12h	OR3012016	23,68

# ORFS ADAPTORS

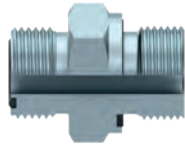
Adaptadores ORFS  
Adapter ORFS  
Adpteurs ORFS

## ORFS MAle -BSP Male

Adaptador macho ORFS-BSP

Doppelnippel m ORFS - m BSP

Mâle ORFS-BSP



ROSCA THREAD		Referencia Part n°	€
ORFS 9/16"-18h	BSP 1/8"	OR2020402	3,20
ORFS 9/16"-18h	BSP 1/4"	OR2020404	3,00
ORFS 11/16"-16h	BSP 1/4"	OR2020604	3,37
ORFS 11/16"-16h	BSP 3/8"	OR2020606	3,65
ORFS 13/16"-16h	BSP 3/8"	OR2020806	5,21
ORFS 13/16"-16h	BSP 1/2"	OR2020808	5,46
ORFS 1"-14h	BSP 1/2"	OR2021008	5,69
ORFS 1"3/16-12h	BSP 3/4"	OR2021212	7,45
ORFS 1"7/16-12h	BSP 1"	OR2021616	10,53
ORFS 1"11/16-12h	BSP 1"1/4	OR2022020	24,21
ORFS 2"-12h	BSP 1"1/2	OR2022424	53,80

## ORFS Male-JIC Swivel female

Adaptador macho ORFS-hembra giratoria JIC

Adapter m ORFS - w Ü-Mutter JIC

Mâle ORFS-femelle tournante JIC



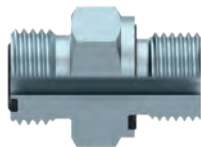
ROSCA THREAD		Referencia Part n°	€
ORFS 9/16"-18h	JIC 7/16"	OR3020404	4,66
ORFS 11/16"-16h	JIC 9/16"	OR3020606	5,59
ORFS 13/16"-16h	JIC 3/4"	OR3020808	5,99
ORFS 1"-14h	JIC 7/8"	OR3021010	14,76
ORFS 1"3/16-12h	JIC 1"1/16	OR3021212	8,08
ORFS 1"7/16-12h	JIC 1"5/16	OR3021616	16,51
ORFS 1"11/16-12h	JIC 1"5/8	OR3022020	29,10
ORFS 2"-12h	JIC 1"7/8	OR3022424	55,25

## ORFS Male - Metric Male

Macho ORFS-Macho Métrico

Außengewinde ORFS - Metr.

Mâle ORFS - Mâle Métrique



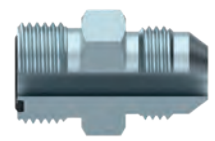
ROSCA THREAD		Referencia Part n°	€
ORFS 9/16"-18h	M12x1.5	OR10170412	6,82
ORFS 11/16"-16h	M14x1.5	OR10170614	4,53
ORFS 11/16"-16h	M16x1.5	OR10170616	4,53
ORFS 13/16"-16h	M18x1.5	OR10170818	5,66
ORFS 1"-14h	M22x1.5	OR10171022	7,33
ORFS 1"7/16-12h	M33x2	OR10171633	16,23
ORFS 1"11/16-12h	M42x2	OR10172042	30,63
ORFS 2"-12h	M48x2	OR10172448	48,13

## ORFS Male-JIC Male

Adaptador macho ORFS-JIC

Doppelnippel ORFS-JIC 37°

Mâle ORFS-Mâle JIC



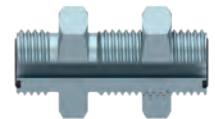
ROSCA THREAD		Referencia Part n°	€
ORFS 9/16"-18h	JIC 7/16"	OR2040404	2,91
ORFS 11/16"-16h	JIC 9/16"	OR2040606	3,14
ORFS 13/16"-16h	JIC 3/4"	OR2040808	3,84
ORFS 1"-14h	JIC 7/8"	OR2041010	5,58
ORFS 1"3/16-12h	JIC 1"1/16	OR2041212	8,37
ORFS 1"7/16-12h	JIC 1"5/16	OR2041616	11,04

## ORFS Bulkhead

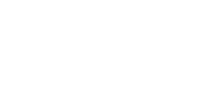
Pasatabiques ORFS

Schottverschraubungen ORFS SV- ORFS

Passe-cloison ORFS



ROSCA THREAD		Referencia Part n°	€
ORFS 9/16"-18h		OR1060404	4,96
ORFS 11/16"-16h		OR1060606	6,37
ORFS 13/16"-16h		OR1060808	8,50
ORFS 1"-14h		OR1061010	9,90
ORFS 1"3/16-12h		OR1061212	14,87
ORFS 1"7/16-12h		OR1061616	29,22
ORFS 1"11/16-12h		OR1062020	38,06
ORFS 2"-12h		OR1062424	61,77



ADAPTORS

QUICK-RELEASE  
COUPLINGS

BALL VALVES

DIVERTERS

SWIVEL FITTINGS

MULTI-WAY  
COUPLINGS

PROTECTIONS

## ORFS ADAPTORS

Adaptadores ORFS

Adapter ORFS

Adpteurs ORFS

### ORFS swivel female - BSP male

Hembra Giratoria ORFS - Racor Recto Macho BSP

W ORFS mit Ü-Mutter - Gerade Aufschraub-Versch. m BSP

Femelle tournante ORFS - Mâle BSP



ROSCA THREAD	Referencia Part n°	€
1/8" BSP ORFS 9/16" -18h	<b>OR3030402</b>	<b>14,72</b>
1/4" BSP ORFS 9/16" -18h	<b>OR3030404</b>	<b>13,46</b>
1/4" BSP ORFS 11/16" -16h	<b>OR3030604</b>	<b>15,41</b>
3/8" BSP ORFS 11/16" -16h	<b>OR3030606</b>	<b>16,86</b>
3/8" BSP ORFS 13/16" -16h	<b>OR3030806</b>	<b>18,88</b>
1/2" BSP ORFS 13/16" -16h	<b>OR3030808</b>	<b>19,59</b>
1/2" BSP ORFS 1" -14h	<b>OR3031008</b>	<b>23,91</b>
3/4" BSP ORFS 1"3/16 -12h	<b>OR3031212</b>	<b>31,16</b>
1" BSP ORFS 1"7/16 -12h	<b>OR3031616</b>	<b>38,20</b>
1"1/4 BSP ORFS 1"11/16 -12h	<b>OR3032020</b>	<b>49,24</b>
1"1/2 BSP ORFS 2" -12h	<b>OR3032424</b>	<b>94,86</b>

### ORFS swivel female - BSP male with o'ring

Hembra Giratoria ORFS - Racor Recto Macho BSP

con junta

Ü-Mutter ORFS - Gerader Einschraubstutzen BSP mit Dichtung

Femelle tournante ORFS - Mâle BSP avec o'ring



ROSCA THREAD	Referencia Part n°	€
3/8" BSP ORFS 11/16" -16h	<b>OR3130606</b>	<b>17,88</b>
1/2" BSP ORFS 13/16" -16h	<b>OR3130808</b>	<b>23,71</b>
3/4" BSP ORFS 1"3/16 -12h	<b>OR3131212</b>	<b>29,76</b>
1" BSP ORFS 1"7/16 -12h	<b>OR3131616</b>	<b>48,95</b>

### ORFS male adaptor - BSP fixed female

Adaptador Macho ORFS - Hembra Fija BSP

Adapter m ORFS - w fest BSP

Adaptateur mâle ORFS - femelle fixe BSP



ROSCA THREAD	Referencia Part n°	€
ORFS 9/16" -20h BSP 1/4"	<b>OR3040404</b>	<b>3,95</b>
ORFS 11/16" -16h BSP 3/8"	<b>OR3040606</b>	<b>4,78</b>
ORFS 13/16" -16h BSP 1/2"	<b>OR3040808</b>	<b>5,61</b>
ORFS 1"3/16" -12h BSP 3/4"	<b>OR3041212</b>	<b>10,02</b>
ORFS 1"7/16-12h BSP 1"	<b>OR3041616</b>	<b>14,34</b>

### ORFS swivel female adaptor - JIC male

Adaptador H.G. ORFS - Macho JIC

Adapter w mit Drallmutter ORFS - m JIC

Adaptateur femelle tournante ORFS - mâle JIC



ROSCA THREAD	Referencia Part n°	€
JIC 7/16 ORFS 9/16" -18 h	<b>OR3050404</b>	<b>4,69</b>
JIC 9/16 ORFS 11/16" -16h	<b>OR3050606</b>	<b>5,98</b>
JIC 3/4" ORFS 13/16" -16 h	<b>OR3050808</b>	<b>7,54</b>
JIC 1"1/16 ORFS 1"3/16-12 h	<b>OR3051212</b>	<b>13,70</b>
JIC 1"5/16 ORFS 1"7/16-12 h	<b>OR3051616</b>	<b>20,32</b>

### 45° elbow ORFS male-Adjustable BSP male

Codo 45° regulable ORFS-BSP

45° Winkel einstellbar m ORFS - m BSP

Coude 45° mâle ORFS-mâle gaz cyl. +o'ring



ROSCA THREAD	Referencia Part n°	€
ORFS 9/16" -18h BSP 1/8"	<b>OR5010402</b>	<b>7,21</b>
ORFS 9/16" -18h BSP 1/4"	<b>OR5010404</b>	<b>7,07</b>
ORFS 11/16" -16h BSP 1/4"	<b>OR5010604</b>	<b>8,60</b>
ORFS 11/16" -16h BSP 3/8"	<b>OR5010606</b>	<b>9,19</b>
ORFS 11/16" -16h BSP 1/2"	<b>OR5010608</b>	<b>11,51</b>
ORFS 13/16" -16h BSP 3/8"	<b>OR5010806</b>	<b>9,20</b>
ORFS 1" -14h BSP 1/2"	<b>OR5011008</b>	<b>15,93</b>
ORFS 1" -14h BSP 3/4"	<b>OR5011012</b>	<b>20,35</b>
ORFS 1"3/16-12h BSP 3/4"	<b>OR5011212</b>	<b>22,61</b>
ORFS 1"3/16-12h BSP 1"	<b>OR5011216</b>	<b>31,16</b>
ORFS 1"7/16-12h BSP 1"	<b>OR5011616</b>	<b>35,30</b>

### 45° elbow ORFS swivel female-ORFS male

Codo 45° macho ORFS-hembra giratoria ORFS

45° Winkel m ORFS - w mit Ü-Mutter ORFS

Coude 45° mâle ORFS-femelle tournante ORFS



ROSCA THREAD	Referencia Part n°	€
ORFS 9/16" -18h ORFS 9/16" -18h	<b>OR6010404</b>	<b>7,45</b>
ORFS 11/16" -16h ORFS 11/16" -16h	<b>OR6010606</b>	<b>8,78</b>
ORFS 13/16" -16h ORFS 13/16" -16h	<b>OR6010808</b>	<b>11,92</b>
ORFS 1" -14h ORFS 1" -14h	<b>OR6011010</b>	<b>14,16</b>
ORFS 1"3/16-12h ORFS 1"3/16-12h	<b>OR6011212</b>	<b>22,36</b>
ORFS 1"7/16-12h ORFS 1"7/16-12h	<b>OR6011616</b>	<b>38,98</b>
ORFS 1"11/16h ORFS 1"11/16h	<b>OR6012020</b>	<b>52,91</b>
ORFS 2" -12h ORFS 2" -12h	<b>OR6012424</b>	<b>61,86</b>

## ORFS ADAPTORS

Adaptadores ORFS  
Adapter ORFS  
Adapteurs ORFS

### 90° Elbow ORFS male-ORFS male

Codo 90° ORFS-ORFS

90° Winkel m-m ORFS

Coude 90° mâle ORFS-mâle ORFS



ROSCA THREAD	Referencia Part n°	€
ORFS 9/16"-18h	ORFS 9/16"-18h	<b>OR4050404 9,87</b>
ORFS 11/16"-16h	ORFS 11/16"-16h	<b>OR4050606 10,52</b>
ORFS 13/16"-16h	ORFS 13/16"-16h	<b>OR4050808 11,62</b>
ORFS 1"-14h	ORFS 1"-14h	<b>OR4051010 16,33</b>
ORFS 1"3/16-12h	ORFS 1"3/16-12h	<b>OR4051212 18,23</b>
ORFS 1"7/16-12h	ORFS 1"7/16-12h	<b>OR4051616 19,04</b>
ORFS 1"11/16-12h	ORFS 1"11/16-12h	<b>OR4052020 60,18</b>
ORFS 2"-12h	ORFS 2"-12h	<b>OR4052424 67,95</b>

### 90° Elbow ORFS Swivel female-ORFS male

Codo 90° macho-hembra giratoria ORFS

90° Winkel m - w mit Ü-Mutter ORFS

Coude 90° femelle tournante-mâle ORFS



ROSCA THREAD	Referencia Part n°	€
ORFS 9/16"-18h	ORFS 9/16"-18h	<b>OR6000404 5,95</b>
ORFS 11/16"-16h	ORFS 11/16"-16h	<b>OR6000606 7,25</b>
ORFS 13/16"-16h	ORFS 13/16"-16h	<b>OR6000808 9,60</b>
ORFS 1"-14h	ORFS 1"-14h	<b>OR6001010 14,13</b>
ORFS 1"3/16-12h	ORFS 1"3/16-12h	<b>OR6001212 16,89</b>
ORFS 1"7/16-12h	ORFS 1"7/16-12h	<b>OR6001616 24,69</b>
ORFS 1"11/16-12h	ORFS 1"11/16-12h	<b>OR6002020 49,17</b>

### 90° Elbow ORFS Bulkhead

Codo 90° pasatabique ORFS

90° Schottverschr. m - m ORFS

Coude 90° passe-cloison ORFS



ROSCA THREAD	Referencia Part n°	€
ORFS 9/16"-18h	ORFS 9/16"-18h	<b>OR4030404 21,19</b>
ORFS 11/16"-16h	ORFS 11/16"-16h	<b>OR4030606 9,23</b>
ORFS 1"-14h	ORFS 1"-14h	<b>OR4031010 36,77</b>
ORFS 1"3/16-12h	ORFS 1"3/16-12h	<b>OR4031212 27,80</b>
ORFS 1"7/16-12h	ORFS 1"7/16-12h	<b>OR4031616 26,71</b>
ORFS 1"11/16-12h	ORFS 1"11/16-12h	<b>OR4032020 61,49</b>
ORFS 2"-12h	ORFS 2"-12h	<b>OR4032424 102,92</b>

### 90° elbow ORFS male -Adjustable BSP male

Codo 90° ORFS-BSP macho regulable

90° Winkel einstellbar m ORFS - m BSP

Coude 90° mâle ORFS+ mâle gaz cyl. +o'ring



ROSCA THREAD	Referencia Part n°	€
ORFS 9/16"-18h	BSP 1/8"	<b>OR4010402 9,29</b>
ORFS 9/16"-18h	BSP 1/4"	<b>OR4010404 14,11</b>
ORFS 9/16"-18h	BSP 3/8"	<b>OR4010406 22,86</b>
ORFS 11/16"-16h	BSP 1/4"	<b>OR4010604 6,61</b>
ORFS 11/16"-16h	BSP 3/8"	<b>OR4010606 10,88</b>
ORFS 13/16"-16h	BSP 1/4"	<b>OR4010804 11,17</b>
ORFS 13/16"-16h	BSP 1/2"	<b>OR4010808 20,41</b>
ORFS 1"-14h	BSP 3/8"	<b>OR4011006 15,95</b>
ORFS 1"-14h	BSP 1/2"	<b>OR4011008 18,07</b>
ORFS 1"3/16-12h	BSP 1/2"	<b>OR4011208 22,86</b>
ORFS 1"3/16-12h	BSP 3/4"	<b>OR4011212 24,05</b>
ORFS 1"3/16-12h	BSP 1"	<b>OR4011216 51,01</b>
ORFS 1"7/16-12h	BSP 1"	<b>OR4011616 35,47</b>
ORFS 1"7/16-12h	BSP 1" 1/4	<b>OR4011620 43,07</b>
ORFS 1"11/16-12h	BSP 1"	<b>OR4012016 62,63</b>
ORFS 1"11/16-12h	BSP 1"1/4	<b>OR4012020 67,23</b>
ORFS 2"-12h	BSP 1"1/2	<b>OR4012424 91,94</b>

### 90° Elbow ORFS male - NPT male (60°)

Codo 90° Macho ORFS - Macho NPT (60°)

90° Winkel m ORFS - m NPT (60°)

Coude 90° mâle ORFS - mâle NPT (60°)



ROSCA THREAD	Referencia Part n°	€
ORFS 9/16"-18 h	1/4" NPT	<b>OR4040404 5,06</b>
ORFS 11/16"-16h	3/8" NPT	<b>OR4040606 6,89</b>
ORFS 13/16"-16 h	1/2" NPT	<b>OR4040808 10,57</b>
ORFS 1"3/16-12 h	3/4" NPT	<b>OR4041212 21,60</b>
ORFS 1"7/16-12 h	1" NPT	<b>OR4041616 32,36</b>

## ORFS ADAPTORS

Adaptadores ORFS

Adapter ORFS

Adapteurs ORFS

### Tee ORFS male

Te Macho ORFS

T-Verschraubung ORFS m

Té égal mâle ORFS



ROSCA THREAD	Referencia Part n°	€
ORFS 9/16"-18h	OR7000404	5,68
ORFS 11/16"-16h	OR7000606	9,33
ORFS 13/16"-16h	OR7000808	13,71
ORFS 1"-14h	OR7001010	21,12
ORFS 1"3/16-12h	OR7001212	23,15
ORFS 1"7/16-12h	OR7001616	55,36
ORFS 1"11/16-12h	OR7002020	58,66
ORFS 2"-12h	OR7002424	103,05

### Brunch tee ORFS male-swivel female-male

Te macho-hembra giratoria-macho ORFS

T-Versch. m - w mit Ü-Mutter ORFS - m

Té mâle-femelle tournante-mâle ORFS



ROSCA THREAD	Referencia Part n°	€
ORFS 9/16"-18h	OR7010404	10,25
ORFS 11/16"-16h	OR7010606	22,46
ORFS 13/16"-16h	OR7010808	17,88
ORFS 1"-14h	OR7011010	31,45
ORFS 1"3/16-12h	OR7011212	33,04
ORFS 1"7/16-12h	OR7011616	78,29
ORFS 1"11/16-12h	OR7012020	78,79
ORFS 2"-12h	OR7012424	199,32

### Barrel tee ORFS male-male-swivel female

Te macho-macho-hembra giratoria ORFS

T-Versch. m - m - w mit Ü-Mutter ORFS

Té mâle-mâle-femelle tournante ORFS



ROSCA THREAD	Referencia Part n°	€
ORFS 9/16"-18h	OR7020404	8,76
ORFS 11/16"-16h	OR7020606	9,14
ORFS 13/16"-16h	OR7020808	14,55
ORFS 1"-14h	OR7021010	17,84
ORFS 1"3/16-12h	OR7021212	25,23
ORFS 1"7/16-12h	OR7021616	37,94
ORFS 1"11/16-12h	OR7022020	74,53

### Brunch tee ORFS male- Adjustable BSP male- ORFS male

Te macho ORFS-macho BSP-macho ORFS

T-Versch. ORFS m - BSP m - ORFS m

Té mâle ORFS-mâle BSP-mâle ORFS



ROSCA THREAD		Referencia Part n°	€
ORFS 9/16"-18h	BSP 1/8"	OR7030402	7,55
ORFS 9/16"-18h	BSP 1/4"	OR7030404	11,48
ORFS 11/16"-16h	BSP 1/4"	OR7030604	11,26
ORFS 11/16"-16h	BSP 3/8"	OR7030606	13,23
ORFS 13/16"-16h	BSP 3/8"	OR7030806	17,73
ORFS 1"-14h	BSP 1/2"	OR7031008	18,04
ORFS 1"-14h	BSP 3/4"	OR7031012	24,72
ORFS 1"3/16-12h	BSP 3/4"	OR7031212	29,11
ORFS 1"7/16-12h	BSP 1"	OR7031616	41,89
ORFS 1"11/16-12h	BSP 1"1/4"	OR7032020	59,38

### Barrel tee ORFS male-ORFS male- Adjustable BSP male

Te macho ORFS-macho ORFS-macho BSP

T-Versch. ORFS m - ORFS m - BSP m

Té mâle ORFS-mâle ORFS-mâle BSP



ROSCA THREAD		Referencia Part n°	€
ORFS 9/16"-18h	BSP 1/8"	OR7040402	20,78
ORFS 9/16"-18h	BSP 1/4"	OR7040404	11,96
ORFS 11/16"-16h	BSP 1/4"	OR7040604	9,59
ORFS 11/16"-16h	BSP 3/8"	OR7040606	14,29
ORFS 1"-14h	BSP 3/4"	OR7041012	32,94
ORFS 1"11/16-12h	BSP 1"1/4"	OR7042020	85,42
ORFS 2"-12h	BSP 1"1/2"	OR7042424	84,37





# EVERYTHING BEGINS WITH AN IDEA

TECHNICAL DEPARTMENT

## NUESTRO DEPARTAMENTO TÉCNICO MEJORA CONTINUAMENTE

### TU SATISFACCIÓN ES NUESTRO COMPROMISO

Garantizamos la calidad de todos los equipos que fabricamos y distribuimos mediante la realización de pruebas de producto y la emisión de certificados. Fabricamos piezas especiales bajo pedido, adaptándonos a las necesidades específicas de cada cliente.

### SERVICIOS TÉCNICOS DE ALTA CALIDAD

Nuestro equipo altamente cualificado es capaz de asesorarle en conducciones y componentes hidráulicos, así como en kits de primeros equipos. Actualizamos y verificamos constantemente nuestra página web y fichas técnicas de todos nuestros productos.

### DISEÑO CON IMPRESIÓN 3D

Utilizamos tecnología de fabricación aditiva para mejorar y rediseñar productos. Este sistema permite la comprobación total de los productos sin necesidad de fabricar prototipos y pre series, lo que garantiza un uso más efectivo de materias primas.

### SOLUCIONES ADAPTADAS

Diseñamos grupos hidráulicos y buscamos soluciones de aprovisionamiento. Para ello, estudiamos de forma individualizada cada caso, evalúa y comprueba los posibles diseños y se adapta a las especificaciones técnicas concretas de cada cliente.

## TECHNICAL DEPARTMENT ONGOING IMPROVEMENT

### YOUR SATISFACTION IS OUR COMMITMENT

We guarantee the quality of all equipments that we manufacture and distribute, through product tests and issuance of certificates. We manufacture special products upon request.

### HIGH QUALITY TECHNICAL CONSULTING SERVICES

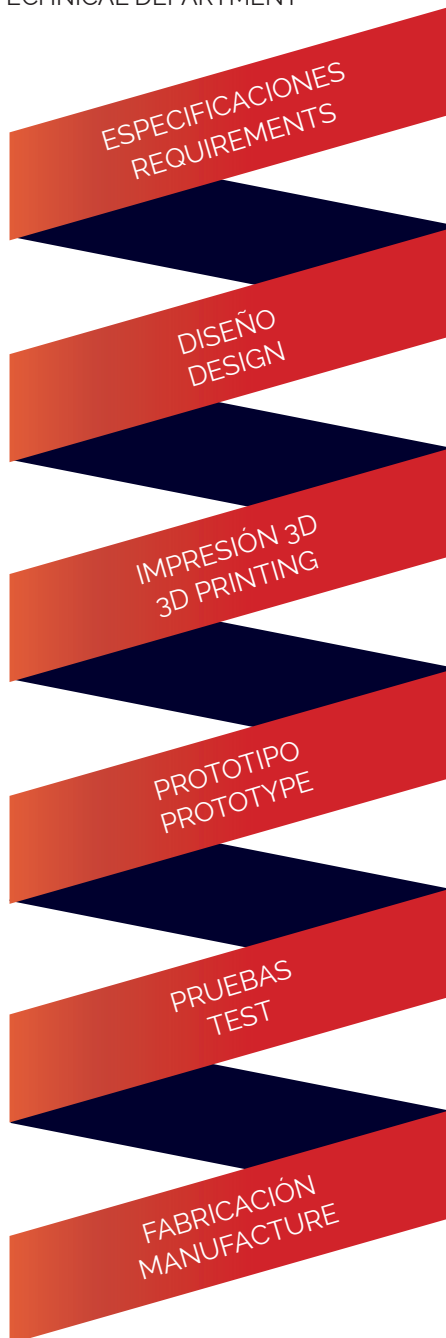
Our high qualified team can provide advice on hydraulic and pneumatic connectors, they also offer technical support for Original Equipment Manufacturer. We constantly maintain and update our website and technical data.

### 3D PRINTING DESIGN

Dicsa implements additive manufacturing technology, using 3D printer to redesign and improve products. This working method ensures more efficient use of raw materials, so it allows checking products without the need for manufacturing massively with prolonged and costly processes.

### CUSTOMISED SOLUTIONS

We design and manufacture customised Hydraulic power packs, responding to your specific needs and offering you adapted solutions. DICSA Hydraulic Department studies and evaluates each case in an individualized way and they will adapt designs to technical specifications of each customer.



# TODO COMIENZA CON UNA IDEA

ÁREA TÉCNICA

**DNP QUICK-RELEASE COUPLINGS** 327

Enchufes rápidos DNP  
SVK DNP  
Coupleurs rapides DNP

**TRΔLE® QUICK-RELEASE COUPLINGS** 337

Enchufes rápidos TrΔle®  
SVK TrΔle®  
Coupleurs rapides TrΔle®

**GREENLINE QUICK-RELEASE COUPLINGS** 339

Enchufes rápidos GreenLine  
SVK GreenLine  
Coupleurs rapides GreenLine

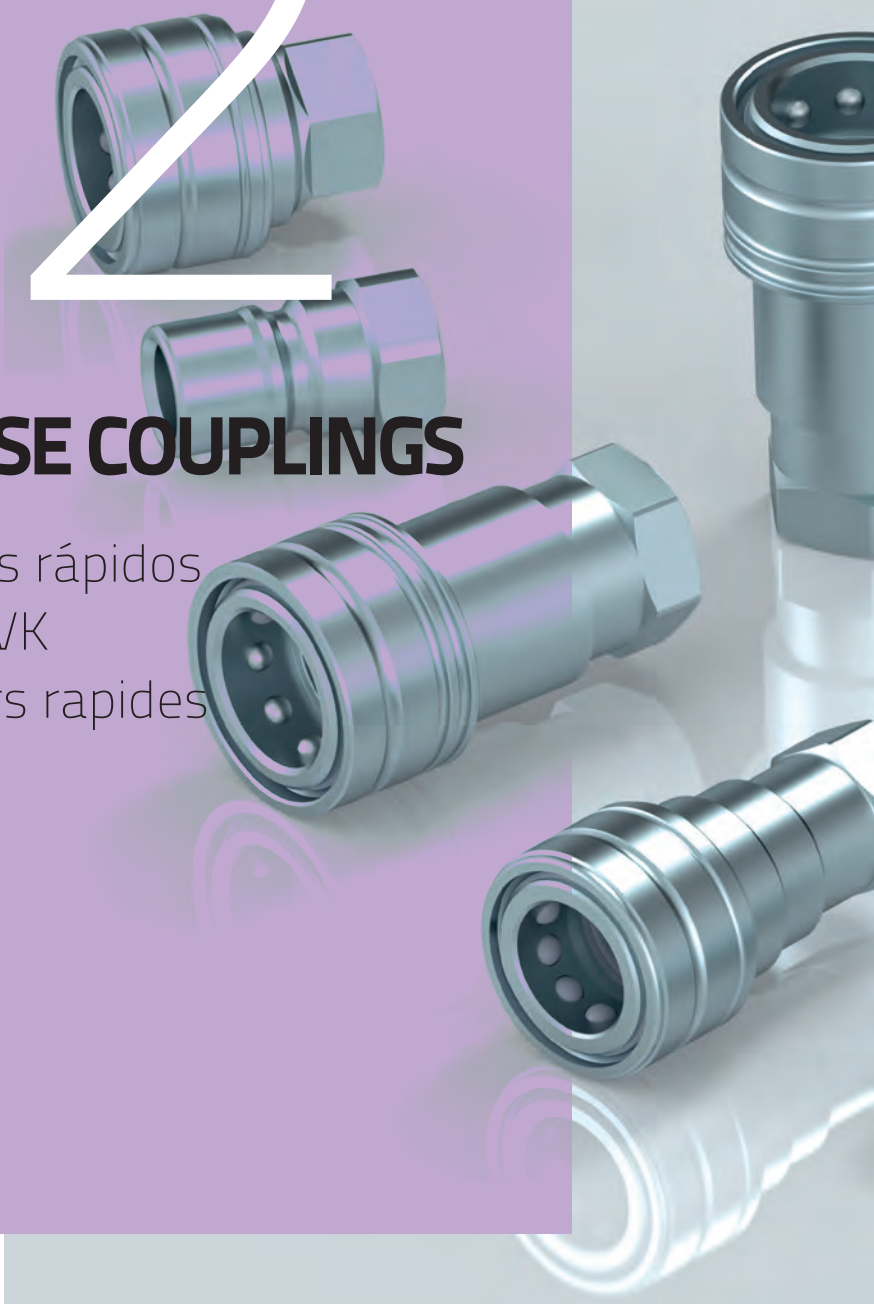
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## **QUICK-RELEASE COUPLINGS**

Enchufes rápidos

SVK

Coupleurs rapides



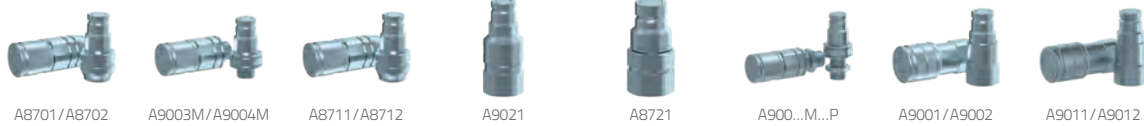
## DNP QUICK-RELEASE COUPLINGS

Enchufes rápidos DNP

SVK DNP

Coupleurs rapides DNP

Flat face quick release couplings ▪ Enchufes cara plana ▪ Flachdichtende Schnellverschlussventile ▪ Coupleurs rapides à clapet face plane | 327



A8701/A8702

A9003M/A9004M

A8711/A8712

A9021

A8721

A900...M...P

A9001/A9002

A9011/A9012

Quick release screw couplings ▪ Enchufes autorroscantes ▪ SV-Schraubkupplungen ▪ Coupleurs rapides à visser | 328



A9051/A9052

A8081/A8082

A8008/A8009

Quick release couplings ▪ Enchufes punzón ▪ SVK ▪ Coupleurs rapides à clapet | 329



A8001/A8002

A807/A844

A8311/A8312

A801

A803

A8101/A8102

A8103/A8104

A8201/A8202

A8211/A8212

Push-Pull couplings ▪ Enchufes Push-Pull ▪ SVK Push-Pull ▪ Coupleurs Push-Pull | 331



A80/A84

A70/A74

A8951/A8952

A8451/A8452

A8911/A8912

A8901/A8902

A8461/8462

Quick release couplings ball type ▪ Enchufes de bola ▪ SVK Kugeltyp ▪ Coupleurs rapides à bille | 332



A7001/A7002

A701

A703

A700...TAZ

Couplings high pressure ▪ Enchufes altísima presión ▪ SVK Höchstdruck ▪ Coupleurs haute pression | 333

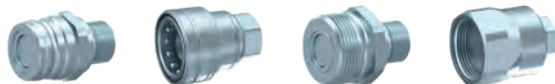


A9031/A9032

A706/A711

A9201/A9202

Brake valves ▪ Válvulas de frenado ▪ Bremsventile ▪ Valves freinage | 333



A910/A912

A9102

A9501/A9141

A9502

Brass couplings ▪ Enchufes latón ▪ SVK aus Messing ▪ Coupleurs laiton | 333



A850

PTFEA

NBRA

Accessories for couplings ▪ Accesorios para enchufes ▪ Zubehör für Kupplungen ▪ Accessoires pour coupleurs rapides | 335



A9901/A9902

A9911/A9912

A9931/A9932

A9941/A9942

A9981/A9982

A9921

A9951/A9952

## TRΔLE® QUICK-RELEASE COUPLINGS

Enchufes rápidos TrΔle®  
SVK TrΔle®  
Coupleurs rapides TrΔle®

TrΔle® quick release couplings ▪ Enchufes punzón TrΔle® ▪ Punkt-Schnellverschlusskupplungen TrΔle® ▪ Coupleurs rapides à clapet TrΔle® | 337



B800

B810

B820

B801

TrΔle® flat face quick release couplings and brake valves ▪ Enchufes válvula plana y válvulas de frenado TrΔle® ▪ Schnellverschlusskupplungen flach und Bremskupplungen TrΔle® ▪ Coupleurs rapides à clapet face plane TrΔle® | 337



B900

B910

TrΔle® Push-Pull couplings ▪ Enchufes Push-Pull TrΔle® ▪ SVK Push-Pull TrΔle® ▪ Coupleurs Push-Pull TrΔle® | 337



B840

Accessories for TrΔle® couplings ▪ Accesorios para enchufes TrΔle® ▪ Zubehör für Schnellverschlusskupplungen TrΔle® ▪ Accessoires pour coupleurs rapides TrΔle® | 338



B990

B991

**GREENLINE QUICK-RELEASE COUPLINGS**

Enchufes rápidos GreenLine  
SVK GreenLine  
Coupleurs rapides GreenLine

GreenLine Quick release couplings ▪ Enchufes punzón GreenLine ▪ Punkt-Schnellverschlusskupplungen GreenLine ▪ Coupleurs rapides à clapet GreenLine

339



C800

Accessories for couplings ▪ Accesorios para enchufes ▪ Zubehör für Kupplungen ▪ Accessoires pour coupleurs rapides

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JAGNBR



JAGPTFE

# DNP QUICK-RELEASE COUPLINGS

Enchufes rápidos DNP

SVK DNP

Coupleurs rapides DNP

ADAPTORS

QUICK-RELEASE  
COUPLINGS

BALL VALVES

DIVERTERS

SWIVEL FITTINGS

MULTI-WAY  
COUPLINGS

PROTECTIONS

## Flat face quick release coupling inner threads BSP

E.R. cara plana para martillos BSP

Flachdichtende SVK Innengewinde BSP

Coupleur rapide à clapet face plane (marteau) BSP



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/4" BSP	6,3	1	M	A870104	21,08
3/8" BSP	10	2	M	A870106	22,75
1/2" BSP	10	2	M	A870108	23,22
1/2" BSP	12,5	3	M	A87011208	40,14
3/4" BSP	12,5	3	M	A870112	42,15
3/4" BSP	16	4A	M	A87011612	40,14
1" BSP	19	4	M	A870116	80,96
1"1/4 BSP	25	5	M	A870120	133,81
1/4" BSP	6,3	1	H	A870204	44,29
3/8" BSP	10	2	H	A870206	53,99
1/2" BSP	10	2	H	A870208	53,99
1/2" BSP	12,5	3	H	A87021208	83,10
3/4" BSP	12,5	3	H	A870212	73,26
3/4" BSP	16	4A	H	A87021612	100,36
1" BSP	19	4	H	A870216	152,54
1"1/4 BSP	25	5	H	A870220	249,62

## Flat face coupling (Metric thread)

E.R. cara plana para martillos (rosca Métrica)

Flachdichtende SVK (metr.)

Coupleur rapide à clapet face plane (filetage Métrique)



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
M16X1.5-10L	6,3	1	M	A9003M16	22,34
M18X1.5-12L	10	2	M	A9003M18	23,81
M22X1.5-15L	10	2	M	A9003M22	24,61
M26X1.5-18L	12,5	3	M	A9003M26	49,64
M16X1.5-10L	6,3	1	H	A9004M16	60,56
M18X1.5-12L	10	2	H	A9004M18	69,27
M22X1.5-15L	10	2	H	A9004M22	71,62
M26X1.5-18L	12,5	3	H	A9004M26	102,11

## Flat face quick release coupling inner threads (UNF thread)

E.R. cara plana para martillos (rosca UNF)

Flachdichtende SVK Innengewinde (UNF)

Coupleur rapide à clapet face plane pour marteau (filetage UNF)



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
9/16"-18h UNF	6,3	1	M	A87110906	21,08
9/16"-18h UNF	10	2	M	A87110913	22,41
3/4"-16h UNF	10	2	M	A87111213	32,11
7/8"-14h UNF	12,5	3	M	A87111420	46,83
1"1/16-12h UNF	16	4A	M	A87111722	49,18
1"1/16-12h UNF	19	4	M	A87111725	80,96
9/16"-18h UNF	6,3	1	H	A87120906	56,20
9/16"-18h UNF	10	2	H	A87120913	67,57
3/4"-16h UNF	10	2	H	A87121213	72,26
7/8"-14h UNF	12,5	3	H	A87121420	102,36
1"1/16-12h UNF	16	4A	H	A87121722	112,40
1"1/16-12h UNF	19	4	H	A87121725	168,60

## Flat face quick release coupling connectable u/pressure BSP

E.R. cara plana Ecológico acoplamiento en presión BSP

Flachdichtende SVK, tropffrei, Kupplung unter Druck BSP

Coupleur rapide à clapet face plane "Écologique" pression BSP



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/4" BSP	6,3	1	M	A902104	83,63
3/8" BSP	10	2	M	A902106	80,29
1/2" BSP	10	2	M	A902108	80,29
1/2" BSP	12,5	3	M	A90211208	130,46
3/4" BSP	12,5	3	M	A902112	130,46
3/4" BSP	16	4A	M	A90211612	182,65
1" BSP	19	4	M	A902116	183,45

To assemble with female coupling A870 / Se montan con enchufe hembra A870 / Montage mit Muffe A870 / A monter avec coupleur femelle A870

## Flat face quick release coupling inner threads high pulsations BSP

E.R. cara plana para martillos altas pulsaciones BSP

Flachdichtende SVK, hohe Pulsation BSP

Coupleur rapide à clapet face plane (marteau) hautes pulsations BSP



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
3/4" BSP	19	4	M	A872112	108,89
1" BSP	19	4	M	A872116	107,05

To assemble with female coupling A870 / Se montan con enchufe hembra A870 / Montage mit Muffe A870 / A monter avec coupleur femelle A870

## Flat face coupling bulkhead (Metric thread)

E.R. cara plana pasatabique para martillos (rosca Métrica)

Flachdichtende SVK Schott (metr.)

Coupleur rapide à clapet face plane passe cloison (filetage Métrique)



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
M16x1.5	6,3	1	M	A9001M16P	24,62
M18x1.5	10	2	M	A9001M18P	26,76
M22x1.5	10	2	M	A9001M22P	26,76
M26x1.5	12,5	3	M	A9001M26P	62,56
M16x1.5	6,3	1	H	A9002M16P	65,37
M18x1.5	10	2	H	A9002M18P	73,60
M22x1.5	10	2	H	A9002M22P	78,28
M26x1.5	12,5	3	H	A9002M26P	112,40

# DNP QUICK-RELEASE COUPLINGS

Enchufes rápidos DNP

SVK DNP

Coupleurs rapides DNP

## BSP Ecological flat face coupling-- ISO16028

E.R. cara plana Ecológico (rosca BSP) - ISO16028

Flachdichtende SVK, tropffrei (BSP)

Coupleur rapide à clapet face plane 'Ecologique' filetage BSP- ISO16028



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/4" BSP	6,3	1	M	A900104	19,74
3/8" BSP	10	2	M	A900106	20,07
1/2" BSP	10	2	M	A900108	20,07
1/2" BSP	12,5	3	M	A90011208	44,17
3/4" BSP	12,5	3	M	A900112	42,82
1" BSP	19	4	M	A900116	73,60
1"1/4 BSP	25	5	M	A900120	140,50
1"1/2 BSP	40	7	M	A900124	325,16
2" BSP	50	8	M	A900132	847,35
1/4" BSP	6,3	1	H	A900204	41,41
3/8" BSP	10	2	H	A900206	46,83
1/2" BSP	10	2	H	A900208	46,83
1/2" BSP	12,5	3	H	A90021208	80,09
3/4" BSP	12,5	3	H	A900212	66,84
1" BSP	19	4	H	A900216	155,22
1"1/4 BSP	25	5	H	A900220	248,22
1"1/2 BSP	40	7	H	A900224	548,62
2" BSP	50	8	H	A900232	1.190,91

## NPT Ecological flat face coupling

E.R. cara plana Ecológico (rosca NPT)

Flachdichtende SVK, tropffrei (NPT)

Coupleur rapide à clapet face plane 'Ecologique' filetage NPT



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/4" NPT	6,3	1	M	A901104	19,74
3/8" NPT	10	2	M	A901106	20,07
1/2" NPT	10	2	M	A901108	20,07
3/4" NPT	12,5	3	M	A901112	42,82
1" NPT	19	4	M	A901116	73,60
1"1/4 NPT	25	5	M	A901120	140,50
1"1/2 NPT	40	7	M	A901124	281,00
2" NPT	50	8	M	A901132	828,29
1/4" NPT	6,3	1	H	A901204	46,83
3/8" NPT	10	2	H	A901206	48,84
1/2" NPT	10	2	H	A901208	48,84
3/4" NPT	12,5	3	H	A901212	74,93
1" NPT	19	4	H	A901216	176,63
1"1/2 NPT	40	7	H	A901224	495,10
2" NPT	50	8	H	A901232	1.190,91

## BSP flat face screw coupling u/pressure

E.R. cara plana Autorroscantes acoplamiento en presión (rosca BSP)

Flachdichtende SVK-Schraubkupplung, Kupplung unter Druck

Coupleur rapide à clapet face plane à visser pression (filetage BSP)



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/4" BSP	6,3	1	M	A905104	141,50
3/8" BSP	10	2	M	A905106	124,44
1/2" BSP	12,5	3	M	A905108	155,89
3/4" BSP	16	4A	M	A905112	162,58
1" BSP	19	4	M	A905116	199,38
1" 1/4 BSP	25	5	M	A905120	336,53
1" 1/2 BSP	40	7	M	A905124	677,95
1/4" BSP	6,3	1	H	A905204	107,05
3/8" BSP	10	2	H	A905206	88,98
1/2" BSP	12,5	3	H	A905208	107,05
3/4" BSP	16	4A	H	A905212	119,09
1" BSP	19	4	H	A905216	150,54
1" 1/4 BSP	25	5	H	A905220	232,83
1" 1/2 BSP	40	7	H	A905224	772,76

## BSP high resistance quick release screw coupling

NEW

E.R. Punzón Autorroscantes alta resistencia

BSP-Schnellverschlusskupplung mit hohem Widerstand

Coupleur rapide à vis haute résistance y filetage BSP



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
3/8"	10	2	M	A808106	298,53
1/2"	12,5	3	M	A808108	299,40
3/4"	19	4	M	A808112	394,20
1"	25	5	M	A808116	385,94
1"1/4	31,5	6	M	A808120	454,40
1/2"	40	7	M	A808124	728,22
3/8"	10	2	H	A808206	324,90
1/2"	12,5	3	H	A808208	273,03
3/4"	19	4	H	A808212	381,80
1"	25	5	H	A808216	357,87
1"1/4	31,5	6	H	A808220	377,60
1"1/2	40	7	H	A808224	620,93

## BSP Quick release screw coupling ISO14541

E.R. Punzón Autorroscantes acoplamiento en presión (rosca BSP) ISO14541

SV-Schraubkupplung BSP ISO14541

Coupleur rapide à visser taraudage norme DIN forme y filetage BSP ISO14541



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/4" BSP	10	2	M	A800804	24,42
3/8" BSP	10	2	M	A800806	24,42
1/2" BSP	12,5	3	M	A800808	25,42
3/4" BSP	20	4	M	A800812	59,55
1" BSP	25	5	M	A800816	74,26
1"1/4 BSP	31,5	6	M	A805820	274,31
1"1/2 BSP	31,5	6	M	A805824	267,62
1/4" BSP	10	2	H	A800904	24,42
3/8" BSP	10	2	H	A800906	24,42
1/2" BSP	12,5	3	H	A800908	24,56
3/4" BSP	20	4	H	A800912	57,67
1" BSP	25	5	H	A800916	62,89
1"1/4 BSP	31,5	6	H	A805920	247,01
1"1/2 BSP	31,5	6	H	A805924	214,10



# DNP QUICK-RELEASE COUPLINGS

Enchufes rápidos DNP

SVK DNP

Coupleurs rapides DNP

ADAPTORS

QUICK-RELEASE  
COUPLINGS

BALL VALVES

DIVERTERS

SWIVEL FITTINGS

MULTI-WAY  
COUPLINGS

PROTECTIONS

## ISO A Quick release coupling

E.R. Punzón ISO A

SVK ISO A

Coupleur rapide à clapet norme ISO A



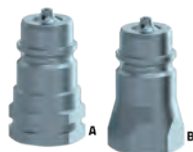
ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/4" BSP	6,3	1	M	A800104	7,69
3/8" BSP	10	2	M	A800106	8,10
1/2" BSP	12,5	3	M	A800108	8,10
M22X1,5	12,5	3	M	A802122	9,03
3/4" BSP	20	4	M	A800112	15,39
1" BSP	25	5	M	A800116	35,46
1"1/4 BSP	31,5	6	M	A800120	103,03
1"1/2 BSP	40	7	M	A800124	139,83
2" BSP	50	8	M	A800132	238,18
1/4" BSP	6,3	1	H	A800204	16,06
3/8" BSP	10	2	H	A800206	18,06
1/2" BSP	12,5	3	H	A800208	22,08
3/4" BSP	20	4	H	A800212	33,45
M22X1,5	12,5	3	H	A802222	23,42
1" BSP	25	5	H	A800216	73,60
1"1/4 BSP	31,5	6	H	A800220	211,42
1"1/2 BSP	40	7	H	A800224	285,02
2" BSP	50	8	H	A800232	660,35

## ISO A Quick release coupling (coupling under residual pressure)

E.R. Punzón ISO A -acoplamiento a presión residual

SVK ISO A (Kupplung unter Restdruck)

Coupleur rapide à clapet accouplable sous pression résiduelle



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/2" BSP	12,5	3	M (Tipo B)	A807108	18,06
1/2" BSP	12,5	3	M (Tipo A)	A844108	18,06
1/2" NPT	12,5	3	M (Tipo A)	A806108	18,06

## ISO A Quick release coupling free flow BSP

E.R. ISO A Paso total BSP

SVK ISO A voller Durchgang BSP

Coupleur rapide à clapet ISO A pass.total BSP



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/4" BSP	6,3	1	M	A831104	3,68
3/8" BSP	10	2	M	A831106	6,02
1/2" BSP	12,5	3	M	A831108	7,02
3/4" BSP	20	4	M	A831112	15,06
1" BSP	25	5	M	A831116	35,46
1"1/4 BSP	31,5	6	M	A831120	73,60
1/4" BSP	6,3	1	H	A831204	13,38
3/8" BSP	10	2	H	A831206	15,92
1/2" BSP	12,5	3	H	A831208	22,75
3/4" BSP	20	4	H	A831212	37,80
1" BSP	25	5	H	A831216	72,93
1"1/4 BSP	31,5	6	H	A831220	168,75

## ISO A NPT Quick release coupling

E.R. Punzón ISO A (rosca NPT)

SVK ISO A (NPT)

Coupleur rapide à clapet norme ISO A filetage NPT



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/4" NPT	6,3	1	M	A801104	7,69
3/8" NPT	10	2	M	A801106	8,10
1/2" NPT	12,5	3	M	A801108	8,96
3/4" NPT	20	4	M	A801112	17,60
1" NPT	25	5	M	A801116	41,48
1"1/4 NPT	31,5	6	M	A801120	100,36
1"1/2 NPT	40	7	M	A801124	139,83
2" NPT	50	8	M	A801132	238,18
1/4" NPT	6,3	1	H	A801204	16,06
3/8" NPT	10	2	H	A801206	18,06
1/2" NPT	12,5	3	H	A801208	23,42
3/4" NPT	20	4	H	A801212	38,14
1" NPT	25	5	H	A801216	76,94
1"1/4 NPT	31,5	6	H	A801220	221,58
1"1/2 NPT	40	7	H	A801224	305,09
2" NPT	50	8	H	A801232	660,35

## ISO A UNF Quick release coupling

E.R. Punzón ISO A (rosca UNF)

SVK ISO A (UNF)

Coupleur rapide à clapet norme ISO A filetage UNF



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
3/4" UNF	12,5	3	M	A803112	8,70
3/4" UNF	12,5	3	H	A803212	23,42

# DNP QUICK-RELEASE COUPLINGS

Enchufes rápidos DNP

SVK DNP

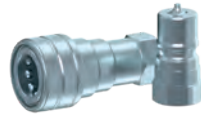
Coupleurs rapides DNP

## ISO B Quick release coupling (BSP)

E.R. Punzón ISO B (rosca BSP)

SVK ISO B (BSP)

Coupleur rapide à clapet norme ISO B (BSP)



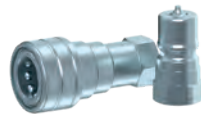
ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/8" BSP	5	0	M	<b>A810102</b>	<b>8,70</b>
1/4" BSP	6,3	1	M	<b>A810104</b>	<b>8,70</b>
3/8" BSP	10	2	M	<b>A810106</b>	<b>8,16</b>
1/2" BSP	12,5	3	M	<b>A810108</b>	<b>10,30</b>
3/4" BSP	20	4	M	<b>A810112</b>	<b>20,74</b>
1" BSP	25	5	M	<b>A810116</b>	<b>47,90</b>
1"1/4 BSP	40	7	M	<b>A810120</b>	<b>220,79</b>
1"1/2 BSP	40	7	M	<b>A810124</b>	<b>220,79</b>
2" BSP	50	8	M	<b>A810132</b>	<b>602,15</b>
1/8" BSP	5	0	H	<b>A810202</b>	<b>19,74</b>
1/4" BSP	6,3	1	H	<b>A810204</b>	<b>19,40</b>
3/8" BSP	10	2	H	<b>A810206</b>	<b>22,41</b>
1/2" BSP	12,5	3	H	<b>A810208</b>	<b>34,79</b>
3/4" BSP	20	4	H	<b>A810212</b>	<b>65,70</b>
1" BSP	25	5	H	<b>A810216</b>	<b>111,06</b>
1"1/4 BSP	40	7	H	<b>A810220</b>	<b>297,73</b>
1"1/2 BSP	40	7	H	<b>A810224</b>	<b>299,74</b>
2" BSP	50	8	H	<b>A810232</b>	<b>849,70</b>

## ISO B NPT Quick release couplings

E.R. Punzón ISO B (rosca NPT)

SVK ISO B (NPT)

Coupleur rapide à clapet norme ISO B NPT



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/8" NPT	5	0	M	<b>A810302</b>	<b>8,03</b>
1/4" NPT	6,3	1	M	<b>A810304</b>	<b>8,70</b>
3/8" NPT	10	2	M	<b>A810306</b>	<b>8,16</b>
1/2" NPT	12,5	3	M	<b>A810308</b>	<b>10,30</b>
3/4" NPT	20	4	M	<b>A810312</b>	<b>20,74</b>
1" NPT	25	5	M	<b>A810316</b>	<b>47,90</b>
1"1/4 NPT	40	7	M	<b>A810320</b>	<b>220,79</b>
1"1/2 NPT	40	7	M	<b>A810324</b>	<b>220,79</b>
2" NPT	50	8	M	<b>A810332</b>	<b>588,76</b>
1/8" NPT	5	0	H	<b>A810402</b>	<b>18,40</b>
1/4" NPT	6,3	1	H	<b>A810404</b>	<b>19,40</b>
3/8" NPT	10	2	H	<b>A810406</b>	<b>22,41</b>
1/2" NPT	12,5	3	H	<b>A810408</b>	<b>34,79</b>
3/4" NPT	20	4	H	<b>A810412</b>	<b>65,70</b>
1" NPT	25	5	H	<b>A810416</b>	<b>111,06</b>
1"1/4 NPT	40	7	H	<b>A810420</b>	<b>301,07</b>
1"1/2 NPT	40	7	H	<b>A810424</b>	<b>301,07</b>
2" NPT	50	8	H	<b>A810432</b>	<b>849,70</b>

## Quick release coupling NV serie

E.R. Punzón Serie NV (rosca BSP)

SVK Serie NV (BSP)

Coupleur rapide à clapet serie NV



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/4" BSP	6,3	1	M	<b>A820104</b>	<b>7,56</b>
3/8" BSP	10	2	M	<b>A820106</b>	<b>8,30</b>
3/4" BSP	19	4	M	<b>A820112</b>	<b>18,73</b>
1" BSP	25	5	M	<b>A820116</b>	<b>45,50</b>
1"1/4 BSP	31,5	6	M	<b>A820120</b>	<b>98,35</b>
1"1/2 BSP	40	7	M	<b>A820124</b>	<b>139,50</b>
2" BSP	50	8	M	<b>A820132</b>	<b>444,92</b>
1/4" BSP	6,3	1	H	<b>A820204</b>	<b>18,06</b>
3/8" BSP	10	2	H	<b>A820206</b>	<b>20,87</b>
3/4" BSP	19	4	H	<b>A820212</b>	<b>46,83</b>
1" BSP	25	5	H	<b>A820216</b>	<b>86,98</b>
1"1/4 BSP	31,5	6	H	<b>A820220</b>	<b>214,10</b>
1"1/2 BSP	40	7	H	<b>A820224</b>	<b>281,00</b>
2" BSP	50	8	H	<b>A820232</b>	<b>756,03</b>

## NPT Quick release couplings NV1 serie

E.R. Punzón Serie NV (rosca NPT)

SVK Serie NV (NPT)

Coupleur rapide à clapet serie NV 1 NPT



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/4" NPT	6,3	1	M	<b>A821104</b>	<b>8,56</b>
3/8" NPT	10	2	M	<b>A821106</b>	<b>8,56</b>
3/4" NPT	19	4	M	<b>A821112</b>	<b>20,74</b>
1" NPT	25	5	M	<b>A821116</b>	<b>48,51</b>
1"1/4 NPT	31,5	6	M	<b>A821120</b>	<b>98,35</b>
1"1/2 NPT	40	7	M	<b>A821124</b>	<b>139,50</b>
2" NPT	50	8	M	<b>A821132</b>	<b>444,92</b>
1/4" NPT	6,3	1	H	<b>A821204</b>	<b>18,40</b>
3/8" NPT	10	2	H	<b>A821206</b>	<b>20,94</b>
3/4" NPT	19	4	H	<b>A821212</b>	<b>50,85</b>
1" NPT	25	5	H	<b>A821216</b>	<b>86,98</b>
1"1/4 NPT	31,5	6	H	<b>A821220</b>	<b>214,43</b>
1"1/2 NPT	40	7	H	<b>A821224</b>	<b>285,02</b>
2" NPT	50	8	H	<b>A821232</b>	<b>756,03</b>

# DNP QUICK-RELEASE COUPLINGS

Enchufes rápidos DNP  
SVK DNP  
Coupleurs rapides DNP

ADAPTORS

QUICK-RELEASE  
COUPLINGS

BALL VALVES

DIVERTERS

SWIVEL FITTINGS

MULTI-WAY  
COUPLINGS

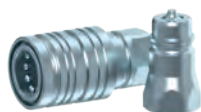
PROTECTIONS

## Push-Pull quick release ISO A

E.R. Push-Pull Punzón ISO A

Push-Pull-SVK ISO A

Coupleurs Push-Pull ISO A



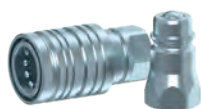
ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/2" BSP	12,5	3	M	A840108	8,70
1/2" BSP	12,5	3	H	A840208	24,94
1/2" NPT	12,5	3	H	A841208	24,94
M22X1.5	12,5	3	H	A842222	24,94
3/4" UNF	12,5	3	H	A843234	24,94

## Push-Pull coupling ball type ISO A

E.R. Push-Pull bola ISO A

Push-Pull-SVK Kugel-Typ ISO A

Coupleurs Push-Pull à bille ISO A



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/2" BSP	12,5	3	M	A704108	11,78
1/2" NPT	12,5	3	M	A705108	11,78
1/2" BSP	12,5	3	H	A740208	26,70
1/2" NPT	12,5	3	H	A741208	26,70
3/4" UNF	12,5	3	H	A702212	26,70

## Push-Pull quick release coupling agric.application BSP ISO A

E.R. Push-Pull Punzón aplic.agric. BSP ISO A

Push-Pull-SVK, Landw. BSP ISO A

Coupleurs Push-Pull à clapet application agricole  
BSP ISO A



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/4" BSP	6,3	1	M	A895104	34,26
3/8" BSP	10	2	M	A895106	14,05
1/2" BSP	12,5	3	M	A895108	11,04
3/4" BSP	19	4	M	A895112	37,47
1" BSP	25	5	M	A895116	46,16
1/4" BSP	6,3	1	H	A895204	77,48
3/8" BSP	10	2	H	A895206	28,10
1/2" BSP	12,5	3	H	A895208	25,09
3/4" BSP	19	4	H	A895212	115,75
1" BSP	25	5	H	A895216	113,74

## Push-Pull quick release coupling agric.application SAE ISO A

E.R. Push-Pull Punzón aplic. agric. SAE ISO A

Push-Pull-SVK, Landw., SAE, ISO A

Coupleurs Push-Pull à clapet application agricole  
SAE ISO A



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
3/4" SAE	12,5	3	M	A845112	12,71
3/4" SAE	12,5	3	H	A845212	29,57

## Push-Pull quick release coupling agric.application Met. M ISO A

E.R. Push-Pull Punzón aplic. agric. M mét. ISO A

Push-Pull-SVK, Landw., m metr. ISO A

Coupleurs Push-Pull à clapet application agricole M  
mét. ISO A



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
M14X1.5-8L	10	2	M	A89111408	14,72
M16X1.5-10L	10	2	M	A89111610	14,05
M18X1.5-12L	12,5	3	M	A89111812	10,97
M20X1.5-12S	12,5	3	M	A89112012	10,91
M22X1.5-15L	12,5	3	M	A89112215	11,11
M26X1.5-18L	19	4	M	A89112618	37,47
M30X2-22L	19	4	M	A89113022	37,47
M14X1.5-8L	10	2	H	A89121408	28,10
M16X1.5-10L	10	2	H	A89121610	28,10
M18X1.5-12L	12,5	3	H	A89121812	24,62
M20X1.5-12S	12,5	3	H	A89122012	24,62
M22X1.5-15L	12,5	3	H	A89122215	24,62
M26X1.5-18L	19	4	H	A89122618	119,76
M30X2-22L	19	4	H	A89123022	119,76

## Push-Pull quick release coupling agric.application Met. M bulkhead ISO A

E.R. Push-Pull Punzón aplic. agric. M mét. pasat  
ISO A

Push-Pull-SVK, Landw., m metr.

Coupleurs Push-Pull à clapet application agricole M  
mét. passe-cloison ISO A



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
M16X1.5-10L	10	2	M	A89011610	14,72
M18X1.5-12L	12,5	3	M	A89011812	13,78
M22X1.5-15L	12,5	3	M	A89012215	13,78
M16X1.5-10L	10	2	H	A89021610	28,44
M18X1.5-12L	12,5	3	H	A89021812	27,43
M22X1.5-15L	12,5	3	H	A89022215	27,63

## Push-Pull quick release coupling u/ pressure ISO A

E.R. Push-Pull Punzón acoplamiento en presión  
ISO A

Push-Pull-SVK, Kupplung unter Druck, ISO A

Coupleurs Push-Pull à clapet pression ISO A



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/2" BSP	12,5	3	M	A8461108	20,74
1/2" NPT	12,5	3	M	A8462108	20,74
M22X1.5	12,5	3	M	A8463122	20,07
3/4" UNF	12,5	3	M	A8464134	28,77
1/2" BSP	12,5	3	H	A8461208	36,80
1/2" NPT	12,5	3	H	A8462208	36,80
M22X1.5	12,5	3	H	A8463222	35,80
3/4" UNF	12,5	3	H	A8464234	44,83

# DNP QUICK-RELEASE COUPLINGS

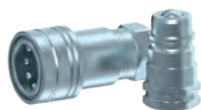
Enchufes rápidos DNP  
SVK DNP  
Coupleurs rapides DNP

## BSP Quick release coupling ball type NS Serie

E.R. Bola Serie NS (rosca BSP)

SVK Kugel-Typ BSP Serie NS

Coupleur rapide à bille série NS



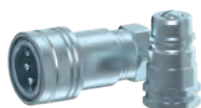
ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/4" BSP	6,3	1	M	A700104	8,03
3/8" BSP	10	2	M	A700106	10,17
1/2" BSP	12,5	3	M	A700108	11,37
3/4" BSP	19	4	M	A700112	22,95
1" BSP	25	5	M	A700116	53,86
1/4" BSP	6,3	1	H	A700204	16,19
3/8" BSP	10	2	H	A700206	22,41
1/2" BSP	12,5	3	H	A700208	25,96
3/4" BSP	19	4	H	A700212	51,52
1" BSP	25	5	H	A700216	96,01

## NPT Quick release coupling ball type NS Serie

E.R. Bola Serie NS (rosca NPT)

SVK Kugel-Typ NPT Serie NS

Coupleur rapide à bille filetage NPT série NS



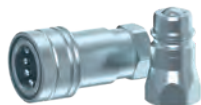
ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/4" NPT	6,3	1	M	A701104	8,03
3/8" NPT	10	2	M	A701106	10,17
1/2" NPT	12,5	3	M	A701108	11,37
3/4" NPT	19	4	M	A701112	22,95
1" NPT	25	5	M	A701116	53,86
1/4" NPT	6,3	1	H	A701204	16,19
3/8" NPT	10	2	H	A701206	22,41
1/2" NPT	12,5	3	H	A701208	25,96
3/4" NPT	19	4	H	A701212	51,52
1" NPT	25	5	H	A701216	96,01

## UNF Quick release coupling ball type NS Serie

E.R. Bola Serie NS (rosca UNF)

SVK Kugel-Typ UNF Serie NS

Coupleur rapide à bille filetage UNF série NS



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
3/4" UNF	12,5	3	M	A703112	11,98
3/4" UNF	12,5	3	H	A703212	26,09

## Quick release coupling ball type Type Taz (gondolas and semi-tows) BSP

E.R. Bola Tipo Taz (góndolas y semirem.) BSP

SVK Kugel-Typ Taz (Tieflader und Sattelaufzieger)  
BSP

Coupleur rapide à bille Type Taz spécial carrières  
BSP



ROSCA THREAD	TAMAÑO ISO ISO SIZE	E. C.	Referencia Part n°	€
3/4" BSP	19	M	A700112TAZ	18,55
1" BSP	25	M	A700116TAZ	28,06
3/4" BSP	19	H	A700212TAZ	43,31
1" BSP	25	H	A700216TAZ	65,48

# DNP QUICK-RELEASE COUPLINGS

Enchufes rápidos DNP

SVK DNP

Coupleurs rapides DNP

ADAPTORS

QUICK-RELEASE  
COUPLINGS

BALL VALVES

DIVERTERS

SWIVEL FITTINGS

MULTI-WAY  
COUPLINGS

PROTECTIONS

## Flat face quick release coupling inner threads high pressure 700 bar

E.R. Válvula plana altísima presión 700 bar

Flachdichtende SVK, Innengew., Hochdruck (700 bar)

Coupleur rapide à clapet face plane (marteau) haute pression 700 bar



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/4" BSP	6,3	1	M	A903104	46,16
3/8" BSP	6,3	1	M	A903106	67,91
1/4" BSP	6,3	1	H	A903204	83,63
3/8" BSP	6,3	1	H	A903206	143,85

## Quick release coupling ball type very high pressure (700 bar)

E.R. Bola altísima presión 700 bar

SVK, Kugel-Typ, Hochdruck (700 bar)

Coupleur rapide à verrouillage vissé haute pression-700 bar



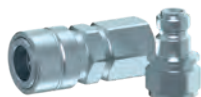
ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/4" NPT	6,3	1	M	A711104	14,79
3/8" BSP	10	2	M	A706106	14,72
3/8" NPT	10	2	M	A711106	15,38
1/4" NPT	6,3	1	H	A711204	22,48
1/4" BSP	6,3	1	H*	<b>NEW</b> A711214	25,88
3/8" BSP	10	2	H	A706206	36,80
3/8" NPT	10	2	H	A711206	22,89

## Couplings 1500 bar BSP

Enchufes altísima presión 1500 bar BSP

SVK Höchstdruck 1500 bar BSP

Coupleurs 1500 bar BSP



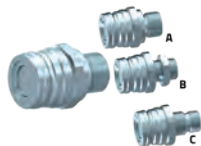
ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/4" BSP	6,3	1	M	A920104	56,20
1/4" BSP	6,3	1	H	A920204	145,85

## Male brake valve

Válvula de frenado macho

Bremsventil m

Valve freinage mâle



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/2" BSP	12,5	3	M (Tipo C)	A910508	18,73
M18X1,5	12,5	3	M (Tipo B)	A912118	20,14
M20X1,5	12,5	3	M (Tipo B)	A912120	20,54
M22X1,5	12,5	3	M (Tipo B)	A912122	20,87
M16x1,5	12,5	3	M (Tipo A)	A912316	21,08
M18x1,5	12,5	3	M (Tipo A)	A912318	21,08

## Female brake valve

Válvula de frenado hembra

Bremsventil w

Valve freinage femelle



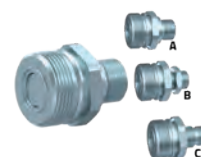
ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
3/8" BSP	12,5	3	H	A910206	37,33
1/2" BSP	12,5	3	H	A910208	36,53
M18X1.5	12,5	3	H	A910218	38,00

## Male agricultural valve

Válvula agrícola macho acoplamiento en presión

Druckventil Landwirtschaft Stecker

Valve agricole à visser mâle



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/2" BSP	12,5	3	M (Tipo C)	A950108	19,67
M18x1,5	12,5	3	M (Tipo B)	A950118	21,81
M20x1,5	12,5	3	M (Tipo B)	A950120	21,81
M22x1,5	12,5	3	M (Tipo B)	A950122	21,81
M16x1,5	12,5	3	M (Tipo A)	A9141620	22,21
M18x1,5	12,5	3	M (Tipo A)	A9141820	22,21

## Female agricultural valve

Válvula agrícola hembra acoplamiento en presión

Druckventil Landwirtschaft Muffe

Valve agricole à visser femelle



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
M18X1.5	12,5	3	H	A950218	33,05

## ISO B Quick release coupling brass

E.R. Punzón ISO B (rosca BSP) latón

SVK ISO B Messing (BSP)

Coupleur rapide à clapet norme ISO B laiton



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/4" BSP	6,3	1	M	A850104	14,72
3/8" BSP	10	2	M	A850106	18,73
1/2" BSP	12,5	3	M	A850108	26,09
3/4" BSP	19	4	M	A850112	46,83
1" BSP	25	5	M	A850116	84,30
1"1/4 BSP	40	7	M	A850120	468,34
1"1/2 BSP	40	7	M	A850124	468,34
2" BSP	50	8	M	A850132	1.097,24
1/4" BSP	6,3	1	H	A850204	37,47
3/8" BSP	10	2	H	A850206	53,52
1/2" BSP	12,5	3	H	A850208	86,98
3/4" BSP	19	4	H	A850212	150,54
1" BSP	25	5	H	A850216	222,79
1"1/4 BSP	40	7	H	A850220	615,53
1"1/2 BSP	40	7	H	A850224	615,53
2" BSP	50	8	H	A850232	1.719,46

# DNP QUICK-RELEASE COUPLINGS

Enchufes rápidos DNP

SVK DNP

Coupleurs rapides DNP

## PTFE seals

Arandelas PTFE

PTFE-Dichtringe

Rondelles PTFE



TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	Referencia Part n°	€
6,3	1	<b>PTFEA04</b>	<b>0,99</b>
10	2	<b>PTFEA06</b>	<b>1,14</b>
12,5	3	<b>PTFEA08</b>	<b>1,21</b>
19	4	<b>PTFEA12</b>	<b>1,95</b>
25	5	<b>PTFEA16</b>	<b>1,95</b>

## Kit of seals to repair for ISO A quick release coupling

Juego de juntas de reparación e.r. ISO A

Reparaturset für ISO A-Schnellkupplungen

Jeu de joints pour coupleur ISO A



Ø INT. Ø INNER	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	Espesor (mm) Thickness (mm)	Referencia Part n°	€
11.91	2.62	6,3	1	<b>NBRA04</b>	<b>0,55</b>
17.12	2.62	10	2	<b>NBRA06</b>	<b>0,70</b>
20.24	2.62	12,5	3	<b>NBRA08</b>	<b>0,92</b>
28.24	2.62	19	4	<b>NBRA12</b>	<b>0,99</b>
34.59	2.62	25	5	<b>NBRA16</b>	<b>1,06</b>

# DNP QUICK-RELEASE COUPLINGS

Enchufes rápidos DNP

SVK DNP

Coupleurs rapides DNP

ADAPTORS

QUICK-RELEASE COUPLINGS

BALL VALVES

DIVERTERS

SWIVEL FITTINGS

MULTI-WAY COUPLINGS

PROTECTIONS

## Plugs and caps for ISO A quick release couplings

Tapones para enchufes rápidos ISO A

Kappen für Schnellkupplungen ISO A

Bouchons et capuchons de plastique pour coupleurs norme ISO A



TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	DESCRIPCION DESCRIPTION	E. C.	Referencia Part n°	€
6,3	1	PLUG	H	A990104	2,48
10	2	PLUG	H	A990106	2,48
12,5	3	PLUG	H	A990108	2,66
19	4	PLUG	H	A990112	4,51
25	5	PLUG	H	A990116	7,58
6,3	1	CAP	M	A990204	2,48
10	2	CAP	M	A990206	2,48
12,5	3	CAP	M	A990208	2,66
19	4	CAP	M	A990212	4,51
25	5	CAP	M	A990216	7,58

## Plugs and caps for ISO B quick release coupling

Tapones para enchufes ISO B

Kappen für Schnellkupplungen ISO B

Bouchons et capuchons de plastique pour coupleurs ISO B



TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	DESCRIPCION DESCRIPTION	E. C.	Referencia Part n°	€
6,3	1	PLUG	H	A991104	3,58
10	2	PLUG	H	A991106	3,58
12,5	3	PLUG	H	A991108	3,92
19	4	PLUG	H	A991112	4,26
25	5	PLUG	H	A991116	5,97
6,3	1	CAP	M	A991204	3,58
10	2	CAP	M	A991206	3,58
12,5	3	CAP	M	A991208	3,92
19	4	CAP	M	A991212	4,26
25	5	CAP	M	A991216	5,97

## Plugs and caps for flat face quick release couplings ISO 16028

Tapones para enchufes de válvula plana ISO 16028

Kappen für Schnellkupplungen mit Flachdichtung ISO 16028

Bouchons et capuchons de plastique pour coupleurs face plane ISO 16028



TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	DESCRIPCION DESCRIPTION	E. C.	Referencia Part n°	€
6,3	1	PLUG	H	A993104	4,48
10	2	PLUG	H	A993106*	3,58
10	2	PLUG	H	A993108	3,58
12,5	3	PLUG	H	A993112	4,55
19	4	PLUG	H	A993116	6,31
25	5	PLUG	H	A993120	8,53
6,3	1	CAP	M	A993204	4,52
10	2	CAP	M	A993206*	3,58
10	2	CAP	M	A993208	3,58
12,5	3	CAP	M	A993212	4,55
19	4	CAP	M	A993216	5,97
25	5	CAP	M	A993220	8,53

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

## Plugs and caps for quick release screw coupling ISO 14541

Tapones para enchufes autorroscantes ISO 14541

Kappen für Schraubkupplungen ISO 14541

Bouchon pour coupleur rapide à visser ISO 14541



TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	DESCRIPCION DESCRIPTION	E. C.	Referencia Part n°	€
6,3	1	CAP	H	A994104	7,18
10	2	CAP	H	A994106	7,18
12,5	3	CAP	H	A994108	6,53
19	4	CAP	H	A994112	8,36
25	5	CAP	H	A994116	7,18
6,3	1	PLUG	M	A994204	7,18
10	2	PLUG	M	A994206	7,18
12,5	3	PLUG	M	A994208	7,58
19	4	PLUG	M	A994212	8,36
25	5	PLUG	M	A994216	7,18

## Plugs and caps for quick release coupling very high resistance NEW

Tapones para enchufes autorroscantes alta resistencia

Kappen für Schnellkupplungen Höchster Widerstand

Bouchon pour coupleur rapide très haute résistance



TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	DESCRIPCION DESCRIPTION	E. C.	Referencia Part n°	€
10	2	CAP	H	A998106	60,90
12,5	3	CAP	H	A998108	62,53
19	4	CAP	H	A998112	89,57
25	5	CAP	H	A998116	89,57
31,5	6	CAP	H	A998120	89,57
40	7	CAP	H	A998124	123,21
10	2	PLUG	M	A998206	60,90
12,5	3	PLUG	M	A998208	65,21
19	4	PLUG	M	A998212	89,57
25	5	PLUG	M	A998216	89,57
31,5	6	PLUG	M	A998220	89,57
40	7	PLUG	M	A998224	102,72

## Plugs and caps for quick release coupling very high pressure ISO 14540

Tapones para enchufes altísima presión ISO 14540

Kappen für Schnellkupplungen Höchstdruck ISO 14540

Bouchon pour coupleur rapide très haute pression ISO 14540



TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	Referencia Part n°	€
10	2	A992106	9,40

## DNP QUICK-RELEASE COUPLINGS

Enchufes rápidos DNP  
SVK DNP  
Coupleurs rapides DNP

### Plugs and caps for NV quick release coupling

Tapones para enchufes NV

Kappen für Schnellkupplungen NV

Bouchons et capuchons de plastique pour coupleurs NV



TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	DESCRIPCION DESCRIPTION	Referencia Part n°	€
6,3	1	PLUG	A995104	3,20
10	2	PLUG	A995106	3,20
19	4	PLUG	A995112	2,55
25	5	PLUG	A995116	2,22
6,3	1	CAP	A995204	3,20
10	2	CAP	A995206	3,20
19	4	CAP	A995212	2,55
25	5	CAP	A995216	2,22



# TRΔLE® QUICK-RELEASE COUPLINGS

Enchufes rápidos TrΔle®

SVK TrΔle®

Coupleurs rapides TrΔle®

## ISO A Quick release coupling BSP

E.R. Punzón ISO A BSP

Punkt-SVK nach ISO A BSP

Coupleur rapide à clapet norme ISO A BSP



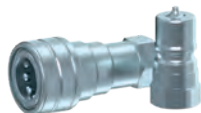
ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/4" BSP	6,3	1	M	B800104	5,42
3/8" BSP	10	2	M	B800106	6,20
1/2" BSP	12,5	3	M	B800108	7,20
3/4" BSP	20	4	M	B800112	11,85
1" BSP	25	5	M	B800116	20,15
1/4" BSP	6,3	1	H	B800204	11,63
3/8" BSP	10	2	H	B800206	13,56
1/2" BSP	12,5	3	H	B800208	16,74
3/4" BSP	20	4	H	B800212	27,75
1" BSP	25	5	H	B800216	47,74

## ISO B Quick release coupling BSP

E.R. Punzón ISO B BSP

Punkt-SVK nach ISO B BSP

Coupleur rapide à clapet norme ISO B BSP



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/4" BSP	6	1	M	B810104	5,96
3/8" BSP	10	2	M	B810106	6,82
1/2" BSP	13	3	M	B810108	7,91
3/4" BSP	19	4	M	B810112	13,10
1" BSP	25	5	M	B810116	20,61
1/4" BSP	6	1	H	B810204	12,79
3/8" BSP	10	2	H	B810206	14,96
1/2" BSP	13	3	H	B810208	18,44
3/4" BSP	19	4	H	B810212	30,53
1" BSP	25	5	H	B810216	48,05

## Quick release coupling NV Serie BSP

E.R. Punzón Serie NV BSP

Punkt-SVK nach Serie NV BSP

Coupleur rapide à clapet Serie NV BSP



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/4" BSP	6,3	1	M	B820104	5,81
3/8" BSP	10	2	M	B820106	6,67
3/4" BSP	20	4	M	B820112	12,71
1" BSP	25	5	M	B820116	20,07
1/4" BSP	6,3	1	H	B820204	12,48
3/8" BSP	10	2	H	B820206	14,49
3/4" BSP	20	4	H	B820212	29,68
1" BSP	25	5	H	B820216	46,73

## ISO A Quick release coupling NPT

E.R. Punzón ISO A (rosca NPT)

Punkt-SVK nach Serie ISO A (NPT)

Coupleur rapide à clapet norme ISO A NPT



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/4" NPT	6,3	1	M	B801104	5,42
3/8" NPT	10	2	M	B801106	6,20
1/2" NPT	12,5	3	M	B801108	7,61
3/4" NPT	20	4	M	B801112	11,86
1" NPT	25	5	M	B801116	20,15
1/4" NPT	6,3	1	H	B801204	11,63
3/8" NPT	10	2	H	B801206	13,56
1/2" NPT	12,5	3	H	B801208	16,74
3/4" NPT	20	4	H	B801212	27,75
1" NPT	25	5	H	B801216	47,74

## Ecological flat face coupling BSP ISO 16028

E.R. Válvula plana Ecológico BSP ISO 16028

SVK flach tropffrei BSP ISO 16028

Coupleur rapide à clapet face plane "Ecologique" BSP ISO 16028



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/4" BSP	6	1	M	B900104	12,47
3/8" BSP	10	2	M	B900106	18,60
1/2" BSP	12	3	M	B900108	27,90
3/4" BSP	16	4A	M	B900112	34,10
1" BSP	19	4	M	B900116	52,48
1/4" BSP	6	1	H	B900204	32,48
3/8" BSP	10	2	H	B900206	43,40
1/2" BSP	12	3	H	B900208	57,35
3/4" BSP	16	4A	H	B900212	79,44
1" BSP	19	4	H	B900216	122,52

## Brake valves BSP

Válvulas de frenado BSP

Bremskupplungen BSP

Valves freinage BSP



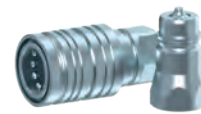
ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/2" BSP	12,5	3	M	B910508	12,56
1/2" BSP	12,5	3	H	B910208	27,90

## TrΔle® Push-Pull couplings BSP

E.R. Push-Pull Punzón TrΔle® BSP

Punkt-SVK TrΔle® BSP

Coupleurs Push-Pull TrΔle® BSP



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/2" BSP	12,5	3	M	B840108	6,94
1/2" BSP	12,5	3	H	B840208	19,40

# TRΔLE® QUICK-RELEASE COUPLINGS

Enchufes rápidos TrΔle®

SVK TrΔle®

Coupleurs rapides TrΔle®

## Plugs and caps for ISO A quick release couplings

Tapones para enchufes rápidos ISO A

Kappen für Schnellkupplungen ISO A

Bouchons et capuchons de plastique pour coupleurs norme ISO A



TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	DESCRIPCION DESCRIPTION	E. C.	Referencia Part n°	€
6,3	1	PLUG	H	<b>B990104</b>	<b>0,62</b>
10	2	PLUG	H	<b>B990106</b>	<b>0,79</b>
12,5	3	PLUG	H	<b>B990108</b>	<b>1,32</b>
20	4	PLUG	H	<b>B990112</b>	<b>1,77</b>
25	5	PLUG	H	<b>B990116</b>	<b>2,03</b>
6,3	1	CAP	M	<b>B990204</b>	<b>0,62</b>
10	2	CAP	M	<b>B990206</b>	<b>0,79</b>
12,5	3	CAP	M	<b>B990208</b>	<b>1,32</b>
20	4	CAP	M	<b>B990212</b>	<b>1,77</b>
25	5	CAP	M	<b>B990216</b>	<b>2,03</b>

## Plugs and caps for ISO B quick release couplings

Tapones para enchufes rápidos ISO B

Kappen für Schnellkupplungen ISO B

Bouchons et capuchons de plastique pour coupleurs norme ISO B



TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	DESCRIPCION DESCRIPTION	E. C.	Referencia Part n°	€
6,3	1	PLUG	H	<b>B991104</b>	<b>0,71</b>
10	2	PLUG	H	<b>B991106</b>	<b>0,88</b>
12,5	3	PLUG	H	<b>B991108</b>	<b>1,50</b>
20	4	PLUG	H	<b>B991112</b>	<b>1,94</b>
25	5	PLUG	H	<b>B991116</b>	<b>2,30</b>
6,3	1	CAP	M	<b>B991204</b>	<b>0,71</b>
10	2	CAP	M	<b>B991206</b>	<b>0,88</b>
12,5	3	CAP	M	<b>B991208</b>	<b>1,50</b>
20	4	CAP	M	<b>B991212</b>	<b>1,94</b>
25	5	CAP	M	<b>B991216</b>	<b>2,30</b>

# GREENLINE QUICK-RELEASE COUPLINGS

Enchufes rápidos GreenLine  
SVK GreenLine  
Coupleurs rapides GreenLine

## ISO A Quick release coupling

E.R. Punzón ISO A

Punkt-SVK nach ISO A

Coupler rapide à clapet norme ISO A



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°	€
1/4" BSP	6,3	1	M	<b>C800104</b>	<b>4,76</b>
3/8" BSP	10	2	M	<b>C800106</b>	<b>5,44</b>
1/2" BSP	12,5	3	M	<b>C800108</b>	<b>5,65</b>
3/4" BSP	20	4	M	<b>C800112</b>	<b>10,40</b>
1/4" BSP	6,3	1	H	<b>C800204</b>	<b>11,22</b>
3/8" BSP	10	2	H	<b>C800206</b>	<b>13,09</b>
1/2" BSP	12,5	3	H	<b>C800208</b>	<b>13,19</b>
3/4" BSP	20	4	H	<b>C800212</b>	<b>24,34</b>

## Seals to repair for ISO A quick release coupling

NEW

Juntas de reparación e.r. ISO A

Reparaturset für ISO A-Schnellkupplungen

Jointes pour coupleur ISO A



TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	Referencia Part n°	€
6,3	1	<b>JAGNBRO4</b>	<b>0,35</b>
10	2	<b>JAGNBRO6</b>	<b>0,48</b>
12,5	3	<b>JAGNBRO8</b>	<b>0,60</b>
20	4	<b>JAGNBR12</b>	<b>0,71</b>

## PTFE seals

NEW

Arandelas PTFE

PTFE-Dichtringe

Rondelles PTFE



TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	Referencia Part n°	€
6,3	1	<b>JAGPTFE04</b>	<b>0,71</b>
10	2	<b>JAGPTFE06</b>	<b>0,83</b>
12,5	3	<b>JAGPTFE08</b>	<b>0,96</b>
20	4	<b>JAGPTFE12</b>	<b>1,06</b>

**MHA BALL VALVES HIGH PRESSURE** 346

Llaves de paso alta presión MHA  
Kugelhähne MHA  
Robinets haute pression MHA

**LOW PRESSURE BALL VALVES** 350

Llaves de paso baja presión  
Niederdruck  
Robinets Basse pression

**TRΔLE® BALL VALVES** 351

Llaves de paso alta presión TrΔle®  
Kugelhähne TrΔle®  
Robinets TrΔle® haute pression

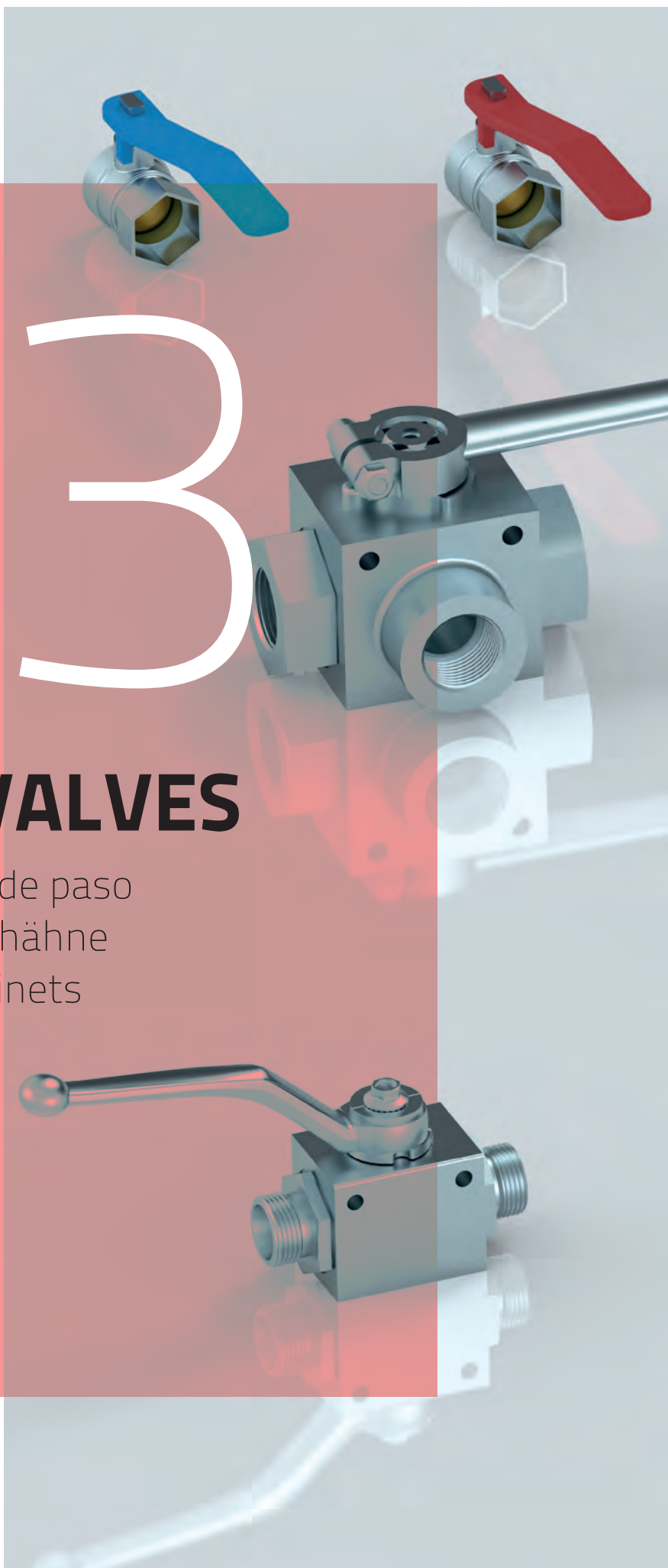
**GREENLINE BALL VALVES** 352

Llaves de paso Greenline  
Kugelhähne Greenline  
Robinets Greenline

# 03

## BALL VALVES

Llaves de paso  
Kugelhähne  
Robinets



## MHA BALL VALVES HIGH PRESSURE

Llaves de paso alta presión MHA

Kugelhähne MHA

Robinets haute pression MHA

2 Ways ball valve ▪ De 2 vías ▪ Kugelhähne 2 Wege ▪ Robinets haute pression 2 voies

| 346



BKH G

BKH L

BKH S

BKH G NPT

BKH L DN

BKH S DN

BKH G DN

3 Ways ball valve ▪ De 3 vías ▪ Kugelhähne 3 Wege ▪ Robinets haute pression 3 voies

| 347



BK3 G

3KH G

BK3 GT

BK3 NPT

4 Ways ball valve ▪ De 4 vías ▪ Kugelhähne 4 Wege ▪ Robinets haute pression 4 voies

| 347



4KH G

Locking devices ▪ Útil para cierre con candado ▪ Sperren für Kugelhähne ▪ Dispositifs de verrouillage

| 348



CANDT2

CANDT4

Special ball valves and accessories ▪ Llaves especiales y complementos ▪ Sonder-KH und Zubehör ▪ Robinets spéciaux et compléments

| 348



A60013/LR

## LOW PRESSURE BALL VALVES

Llaves de paso baja presión

Niederdruck

Robinets Basse pression

2 Ways ball valve low pressure ▪ Llave de esfera baja presión ▪ Niederdruck-KH 2 Wege ▪ Robinet basse pression 2 voies boisseau sphérique pn 16/25

350



BP2V

2 Ways ball valve low pressure non frozen ▪ Llave de esfera baja presión anti-hielo ▪ Niederdruck-KH mit Frostschutz 2 Wege ▪ Robinet basse pression 2 voies boisseau sphérique pn 25 anti-gel

350



BP2VA

ADAPTORS

QUICK-RELEASE  
COUPLINGS

BALL VALVES

DIVERTERS

SWIVEL FITTINGS

MULTI-WAY  
COUPLINGS

PROTECTIONS

**TRΔLE® BALL VALVES**

Llaves de paso alta presión TrΔle®

KugelhähneTrΔle®

Robinets TrΔle® haute pression

2 ways ▪ De 2 vías ▪ 3 Wege ▪ 2 voies

| 351



GB2V



GB2V\_NPT



GB2V\_L



GB2V\_S

3 ways ▪ De 3 vías ▪ 3 Wege ▪ 3 voies

| 351



GB3V



GB3VH



## GREENLINE BALL VALVES

Llaves de paso Greenline  
Kugelhähne Greenline  
Robinets Greenline

2 Ways ball valve ▪ Llaves paso dos vías ▪ Kugelhähne 2-Wege ▪ Robinet 2 voies boisseau

| 352



BV2W

3 Ways ball valve ▪ Llaves paso tres vías ▪ Kugelhahn 3 Wege ▪ Robinet 3 voies boisseau

| 352



BV3W



BV3WH

ADAPTORS

QUICK-RELEASE  
COUPLINGS

BALL VALVES

DIVERTERS

SWIVEL FITTINGS

MULTI-WAY  
COUPLINGS

PROTECTIONS

# MHA BALL VALVES HIGH PRESSURE

Llaves de paso alta presión MHA

Kugelhähne MHA

Robinets haute pression MHA

## 2 Ways ball valve BSP female

Llave 2 vías rosca hembra BSP

2-Wege-KH w BSP

Robinet haute pression 2 voies boisseau sphérique BSP



DN	ROSCA THREAD	Referencia Part n°	€
4	1/8" BSP	BKH G 1/8	51,37
6	1/4" BSP	BKH G 1/4	37,71
10	3/8" BSP	BKH G 3/8	35,05
13	1/2" BSP	BKH G 1/2	39,76
20	3/4" BSP	BKH G 3/4	81,66
25	1" BSP	BKH G 1	92,59
25	1"1/4 BSP	BKH G 1 1/4 DN25	99,20
25	1"1/2 BSP	BKH G 1 1/2 DN25	176,80

Fixation holes included from 1/8" BSP to 1" BSP / Orificios de fijación incluidos desde 1/8" BSP hasta 1" BSP / Fixierlöcher enthalten von 1/8" BSP bis 1" BSP / Trous de fixation inclus depuis 1/8" BSP jusqu'à 1" BSP

## 2 Ways ball valve: tube connection Light Series

Llave 2 vías tubo rígido Serie Ligera

2-Wege-KH Rohr L Leichte Serie

Robinet haute pression 2 voies boisseau sphérique sortie pour tube rigide DIN Série Légère



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4	6L	M12x1.5	BKH 6 L	47,98
6	8L	M14x1.5	BKH 8 L	36,74
8	10L	M16x1.5	BKH 10 L	38,20
10	12L	M18x1.5	BKH 12 L	43,72
13	15L	M22x1.5	BKH 15 L	43,19
16	18L	M26x1.5	BKH 18 L	57,76
20	22L	M30x2	BKH 22 L	96,04
25	28L	M36x2	BKH 28 L	153,95
25/40	42L	M52x2	BKH 42 L	260,24

## 2 Ways ball valve: tube connection Heavy Series

Llave 2 vías tubo rígido Serie Pesada

2-Wege-KH Rohr S Schwere Serie

Robinet haute pression 2 voies boisseau sphérique sortie pour tube rigide din Série Lourde



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4	8S	M16x1.5	BKH 8 S	53,28
6	10S	M18x1.5	BKH 10 S	44,60
8	12S	M20x1.5	BKH 12 S	40,71
10	14S	M22x1.5	BKH 14 S	58,79
13	16S	M24x1.5	BKH 16 S	50,70
16	20S	M30x2	BKH 20 S	113,62
13	20S	M30x2	BKH 20 S DN13	67,97
20	25S	M36x2	BKH 25 S	105,82
25	30S	M42x2	BKH 30 S	148,44

## 2 Ways ball valve NPT female

Llave 2 vías rosca hembra NPT

2-Wege-KH w NPT

Robinet haute pression 2 voies boisseau sphérique sortie femelle briggs (NPT)



DN	ROSCA THREAD	Referencia Part n°	€
6	1/4" NPT	BKH G 1/4 NPT	57,39
10	3/8" NPT	BKH G 3/8 NPT	66,50
13	1/2" NPT	BKH G 1/2 NPT	71,94
20	3/4" NPT	BKH G 3/4 NPT	126,61
25	1" NPT	BKH G 1 NPT	163,58
25	1"1/4 NPT	BKH G 1 1/4 NPT	218,39
25	1"1/2 NPT	BKH G 1 1/2 NPT	286,86
50	2" NPT	BKH G 2 NPT	580,94

## Ball-valves: tube connection L serie DIN 2353 full bore

Llave 2 vías tubo rígido L paso total

2-Wege-KH Rohr DIN 2353 L voller Durchgang

Robinets haute pression 2 voies boisseau sphérique femelle ISO 228



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
32	35L	M45x2	BKH 35 L DN32	392,99
40	40L	M52x2	BKH 42 L DN40	519,09

## Ball-valves: tube connection S serie DIN 2353 full bore

Llave 2 vías tubo rígido S paso total

2-Wege-KH Rohr DIN 2353 S voller Durchgang

Robinets haute pression 2 voies boisseau sphérique métrique Série Lourde passage total



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
32	38S	M52x2	BKH 38 S DN32	398,72

## Ball-valves BSP female ISO 228

Llave de paso BSP hembra ISO 228 paso total

KH BSP w ISO 228 voller Durchgang

Robinets haute pression 2 voies boisseau sphérique femelle ISO 228



DN	ROSCA THREAD	Referencia Part n°	€
32	1"1/4 BSP	BKH G 1 1/4 DN32	389,61
40	1"1/2 BSP	BKH G 1 1/2 DN40	450,97
50	2" BSP	BKH G 2 DN50	585,66

# MHA BALL VALVES HIGH PRESSURE

Llaves de paso alta presión MHA

Kugelhähne MHA

Robinets haute pression MHA

ADAPTORS

QUICK-RELEASE  
COUPLINGS

BALL VALVES

DIVERTERS

SWIVEL FITTINGS

MULTI-WAY  
COUPLINGS

PROTECTIONS

## 3 Ways ball valve BSP female-female-female (Type L)

Llave 3 vías hembra-hembra-hembra BSP (Tipo L)

3-Wege-KH w - w BSP (Typ L)

Robinet haute pression 3 voies série "L" boisseau sphérique femelle-femelle-femelle BSP



DN	ROSCA THREAD	Referencia Part n°	€
6	1/4" BSP	BK3 G 1/4	91,93
10	3/8" BSP	BK3 G 3/8	91,93
13	1/2" BSP	BK3 G 1/2	107,21
20	3/4" BSP	BK3 G 3/4	211,09
25	1" BSP	BK3 G 1	289,84

The input flow is only through the central way / La entrada del caudal es solamente por la vía central / Eingang des Volumenstroms nur über den zenTrAle\* n Weg / L'entrée du débit est seulement par la voie cenTrAle\*

## Multi-way ball valves female 3 ways (Type L)

Llave 3 vías hembra multivía (Tipo L)

Mehrwege-KH 3 Wege (Typ L)

Robinet haute pression 3 voies série "L" boisseau sphérique femelle gaz



DN	ROSCA THREAD	Referencia Part n°	€
4	1/8" BSP	3KH G 1/8	524,74
6	1/4" BSP	3KH G 1/4	407,32
10	3/8" BSP	3KH G 3/8	459,71
13	1/2" BSP	3KH G 1/2	590,96
20	3/4" BSP	3KH G 3/4	1.014,37
25	1" BSP	3KH G 1	1.062,06
25/32	1"1/4 BSP	3KH G 1 1/4	1.155,16
25/40	1"1/2 BSP	3KH G 1 1/2	1.187,20

The input flow can be done through any of the 3 ways / La entrada del caudal puede ser por cualquiera de las 3 vías / Eingang des Volumenstroms über jeden der 3 Wege möglich / L'entrée du débit peut être par l'un des 3 voies

## 3 Ways ball valve BSP female-female-female (Type T)

Llave 3 vías hembra-hembra-hembra BSP (Tipo T)

3-Wege-KH w - w BSP (Typ T)

Robinet haute pression 3 voies série "T" boisseau sphérique femelle-femelle-femelle BSP



DN	ROSCA THREAD	Referencia Part n°	€
6	1/4" BSP	BK3 G 1/4 T	91,93
10	3/8" BSP	BK3 G 3/8 T	91,93
13	1/2" BSP	BK3 G 1/2 T	107,21
20	3/4" BSP	BK3 G 3/4 T	211,09
25	1" BSP	BK3 G 1 T	289,84

The input flow is only through the central way / La entrada del caudal es solamente por la vía central / Eingang des Volumenstroms nur über den zenTrAle\* n Weg / L'entrée du débit est seulement par la voie cenTrAle\*

## 3 Ways ball valve NPT female-female-female (Type L)

Llave 3 vías hembra-hembra-hembra NPT (Tipo L)

3-Wege-KH w - w NPT (Typ L)

Robinet haute pression 3 voies série "L" boisseau sphérique femelle-femelle-femelle NPT



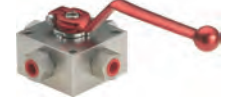
DN	ROSCA THREAD	Referencia Part n°	€
6	1/4" NPT	BK3 1/4 NPT	133,45
6	3/8" NPT	BK3 3/8 NPT	139,34
6	1/2" NPT	BK3 1/2 NPT	114,45
6	3/4" NPT	BK3 3/4 NPT	231,68
6	1" NPT	BK3 1 NPT	319,31

## Multi-way ball valves female 4 ways (Type X)

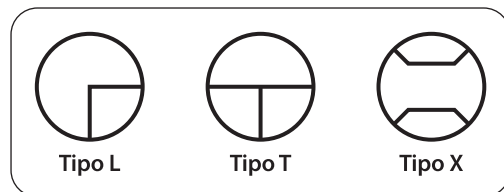
Llave 4 vías rosca hembra BSP (Tipo X)

Mehrwege-KH 3 Wege BSP (Typ X)

Robinet haute pression 4 voies série "X" boisseau sphérique femelle gaz



DN	ROSCA THREAD	Referencia Part n°	€
4	1/8" BSP	4KH G 1/8	692,76
6	1/4" BSP	4KH G 1/4	619,26
10	3/8" BSP	4KH G 3/8	466,62
13	1/2" BSP	4KH G 1/2	555,54
20	3/4" BSP	4KH G 3/4	1.124,30
25	1" BSP	4KH G 1	1.168,39
25/32	1"1/4 BSP	4KH G 1 1/4	1.308,01
25/40	1"1/2 BSP	4KH G 1 1/2	1.374,14



## MHA BALL VALVES HIGH PRESSURE

Llaves de paso alta presión MHA

Kugelhähne MHA

Robinets haute pression MHA

### Locking devices type 2

Útil para cierre con candado tipo 2

Sperren für Kugelhähne Typ 2

Dispositifs de verrouillage type 2



DESCRIPCION DESCRIPTION	Referencia Part n°	€
hex.9, DN4-8	CANDT2-9A	42,55
hex.9, DN10-13	CANDT2-9B	42,55
hex.14, DN20-25	CANDT2-14	73,56

### Locking devices type 4

Útil para cierre con candado tipo 4

Sperren für Kugelhähne Typ 4

Dispositifs de verrouillage type 4



DESCRIPCION DESCRIPTION	Referencia Part n°	€
Hex.9	CANDT4-9	54,05
Hex.14	CANDT4-14	70,02

### Levers for ball valves

Manetas para llaves

Handhebel für Kugelhähne

Leviers pour robinets



SW SW	Referencia Part n°	€
9	AR603722	7,69
9	C600063	11,02
9	A60013155330	14,11
12	L501741	18,37
14	A60013155331	13,52
14	C708618	16,90
14	LR606745	16,92
17	LR801799	36,19

See dimension table in page 336 / Ver tabla de dimensiones en pág 336 / Abmessungen entspr. der Tabelle auf S. 336 / Voir table de dimensions à la page 336

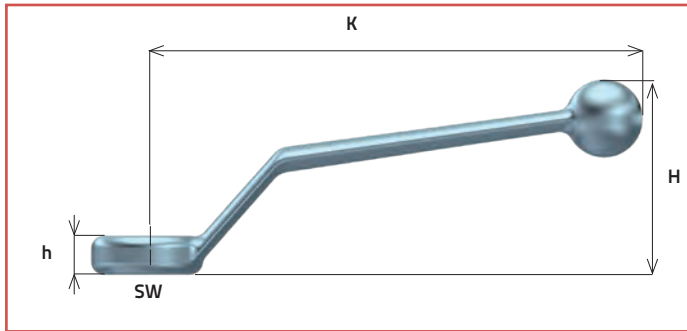
# MHA BALL VALVES HIGH PRESSURE

Llaves de paso alta presión MHA

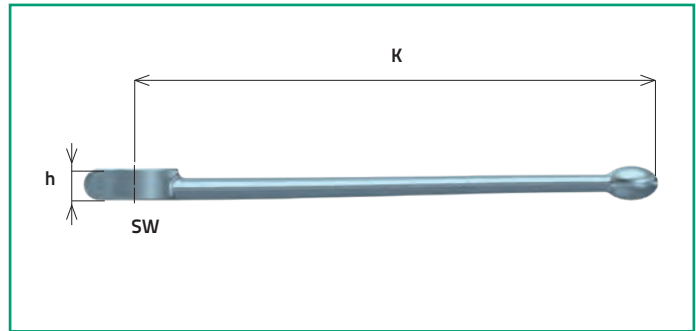
Kugelhähne MHA

Robinets haute pression MHA

- **Manetas 1**  
Handles for ball-valves  
Leviers pour robinets  
Maniglia



- **Manetas 2**  
Handles for ball-valves  
Leviers pour robinets  
Maniglia



	SW	Zinc Zinc Zinco Zinc						Aluminio Aluminum Alluminio Aluminium			INOX/SS316L			Acero Steel Acier Acciaio		
Serie BSP 1/8 - 1/4 - 3/8 - 1/2 - 5/8	9	A60013155330* (1)			AR603722*						Z60013155330 *			C600063*		
Serie DIN 6 - 8 - 10 - 12 - 14 - 15 - 16		H	J	K	H	J	K	H	J	K	H	J	K	H	J	K
		45	8.7	155	-	10	155	45	8.7	155	47	9	155			
Serie BSP 3/8	12							L501741* (1)								
Serie DIN 18		H	J	K	H	J	K	H	J	K	H	J	K	H	J	K
		55	12	160												
Serie BSP 3/4 - 1 - 1 1/4	14	A60013155331* (1)						LR606745 *			Z60013155331*			C708618*		
Serie DIN 22 - 25 - 28 - 30 - 35 - 38		H	J	K	H	J	K	H	J	K	H	J	K	H	J	K
		-	13	200	-	12	200	-	13	200	64	12	171			
Serie BSP 1 1/4 - 1 1/2 - 2	17							LR801799* (1)			Z60013155332*					
Serie DIN 3 3-5 - 38 - 42		H	J	K	H	J	K	H	J	K	H	J	K	H	J	K
		-	16	320	-	15	90									

- **Las llaves se suministran con maneta de zinc o aluminio**  
Handles for ball-valves are supplied with zinc or aluminum  
Leviers pour robinets sont fournies avec une poignée en zinc ou en aluminium  
Maniglia sono fornite con manico in zinco o alluminio

(1) Maneta sumistrada junto a la llave / Handles are supplied for ball-valves / Leviers sont fournies pour robinets / Maniglia sono fornite con manico

## LOW PRESSURE BALL VALVES

Llaves de paso baja presión  
Niederdruck  
Robinets Basse pression

### 2 Ways ball valve low pressure

Llave de esfera baja presión

Niederdruck-KH 2 Wege

Robinet basse pression 2 voies boisseau sphérique  
pn 16/25



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
10	1/4" BSP	BP2V14	10,82
10	3/8" BSP	BP2V38	10,82
15	1/2" BSP	BP2V12	8,84
20	3/4" BSP	BP2V34	12,48
25	1" BSP	BP2V1	20,38
32	1"1/4 BSP	BP2V114	30,91
40	1"1/2 BSP	BP2V112	45,46
50	2" BSP	BP2V2	66,44
74	3" BSP	BP2V3	230,17
92	4" BSP	BP2V4	387,99

### 2 Ways ball valve low pressure non frozen

Llave de esfera baja presión anti-hielo

Niederdruck-KH mit Frostschutz 2 Wege

Robinet basse pression 2 voies boisseau sphérique  
pn 25 anti-gel



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
10	1/4" BSP	BP2VA14	8,32
10	3/8" BSP	BP2VA38	8,32
14,5	1/2" BSP	BP2VA12	12,42
19	3/4" BSP	BP2VA34	17,74
24	1" BSP	BP2VA1	27,34
30	1"1/4 BSP	BP2VA114	45,90
37	1"1/2 BSP	BP2VA112	65,27
47	2" BSP	BP2VA2	104,52
59	2"1/2 BSP	BP2VA212	193,91
70	3" BSP	BP2VA3	330,79
85,5	4" BSP	BP2VA4	444,50

# TRΔLE® BALL VALVES

Llaves de paso alta presión TrΔle®

Kugelhähne TrΔle®

Robinets TrΔle® haute pression

## 2 Ways ball valve BSP female with holes

Llaves 2 vías hembra BSP con agujeros

Kugelhähne 2-Wege w BSP mit Bohrungen

Robinets 2 voies boisseau sphérique BSP avec trous de fixation



DN	ROSCA THREAD	Referencia Part n°	€
6	1/4" BSP	GB2V 1/4	27,28
10	3/8" BSP	GB2V 3/8	33,30
13	1/2" BSP	GB2V 1/2	36,96
20	3/4" BSP	GB2V 3/4	56,57
25	1" BSP	GB2V 1	78,26

## 2 Ways ball valve NPT female

Llaves 2 vías rosca hembra NPT

Kugelhahn 2 Wege w NPT

Robinets 2 voies boisseau sphérique sortie femelle briggs (NPT)



DN	ROSCA THREAD	Referencia Part n°	€
6	1/4" NPT	GB2V 1/4 NPT	27,28
10	3/8" NPT	GB2V 3/8 NPT	33,30
20	3/4" NPT	GB2V 3/4 NPT	56,57
13	1/2" NPT	GB2V 1/2 NPT	36,96
25	1" NPT	GB2V 1 NPT	78,26

## 2 Ways ball valve: tube connection Light Serie

Llaves 2 vías tubo rígido Serie Ligera

Kugelhahn 2 Wege Rohr L Leichte Serie

Robinets 2 voies boisseau sphérique sortie pour tube rigide DIN Série Légère



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6	6L	M12x1.5	GB2V 6 L	27,28
6	8L	M14x1.5	GB2V 8 L	29,06
8	10L	M16x1.5	GB2V 10 L	30,36
10	12L	M18x1.5	GB2V 12 L	33,30
13	15L	M22x1.5	GB2V 15 L	34,96
13	18L	M26x1.5	GB2V 18 L	35,76
20	22L	M30x2	GB2V 22 L	69,02
25	28L	M36x2	GB2V 28 L	89,32

## 2 Ways ball valve: tube connection Heavy Serie

Llaves 2 vías tubo rígido Serie Pesada

Kugelhahn 2 Wege Rohr S Schwere Serie

Robinets 2 voies boisseau sphérique sortie pour tube rigide DIN Série Lourde



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4	8S	M16x1.5	GB2V 8 S	35,73
6	10S	M18x1.5	GB2V 10 S	29,64
8	12S	M20x1.5	GB2V 12 S	31,01
13	16S	M24x1.5	GB2V 16 S	48,23
16	20S	M30x2	GB2V 20 S	57,81
20	25S	M36x2	GB2V 25 S	77,14
25	30S	M42x2	GB2V 30 S	89,32

## 3 Ways ball valve female-male(60°)-female (L type)

Llaves paso 3 vías hembra-macho(60°)-hembra (tipo L)

Kugelhahn 3 Wege w-m (60°)-w (Typ L)

Robinets 3 voies femelle-mâle (60°)-femelle (type L)



DN	ROSCA THREAD	Referencia Part n°	€
6	1/4" BSP	GB3V 1/4	36,30
10	3/8" BSP	GB3V 3/8	56,66
13	1/2" BSP	GB3V 1/2	65,89
20	3/4" BSP	GB3V 3/4	85,66
25	1" BSP	GB3V 1	115,79

## 3 Ways ball valve female-female-female (L type )

Llaves paso 3 vías hembra-hembra-hembra (tipo L)

Kugelhahn 3 Wege w-w-w (Typ L)

Robinets 3 voies femelle-femelle-femelle (type L)



DN	ROSCA THREAD	Referencia Part n°	€
6	1/4" BSP	GB3VH 1/4	41,09
10	3/8" BSP	GB3VH 3/8	56,66
13	1/2" BSP	GB3VH 1/2	65,89
20	3/4" BSP	GB3VH 3/4	85,66
25	1" BSP	GB3VH 1	115,79

## GREENLINE BALL VALVES

Llaves de paso Greenline  
Kugelhähne Greenline  
Robinets Greenline

### 2 Ways ball valve BSP female with holes

NEW

Llaves paso dos vías hembra BSP con agujeros

Kugelhähne 2-Wege w BSP mit Bohrungen

Robinet 2 voies boisseau sphérique BSP avec trous de fixation



DN	ROSCA THREAD	Referencia Part n°	€
10	3/8" BSP	<b>BV2W3/8</b>	<b>31,58</b>
13	1/2" BSP	<b>BV2W1/2</b>	<b>35,04</b>

### 3 Ways ball valve female-male-female.

NEW

Llaves paso 3 vías hembra-macho-hembra

Kugelhahn 3 Wege w-m-w

Robinet 3 voies femelle-mâle-femelle



DN	ROSCA THREAD	Referencia Part n°	€
10	3/8" BSP	<b>BV3W3/8</b>	<b>44,94</b>
13	1/2" BSP	<b>BV3W1/2</b>	<b>51,50</b>

### 3 Ways ball valve female-female-female.

NEW

Llaves paso 3 vías hembra-hembra-hembra

Kugelhahn 3 Wege w-w-w

Robinet 3 voies femelle-femelle-femelle



DN	ROSCA THREAD	Referencia Part n°	€
10	3/8" BSP	<b>BV3WH3/8</b>	<b>44,94</b>
13	1/2" BSP	<b>BV3WH1/2</b>	<b>49,77</b>



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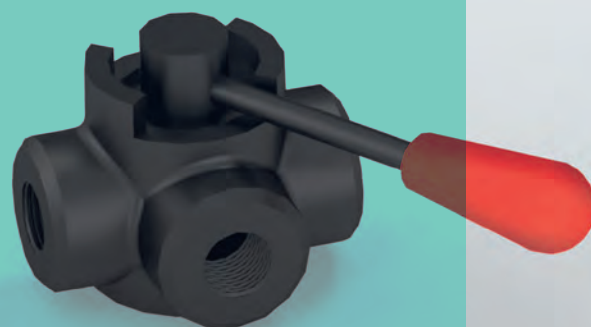
**DIVERTERS MANUAL** 357

Desviadores manuales  
Umschalteventile manuell  
Déviateurs manuels

# 04

## **DIVERTERS**

Desviadores  
Umschalteventile  
Déviateurs



**DIVERTERS MANUAL**

Desviadores manuales  
 Umschalteventile manuell  
 Déviateurs manuels

3 Way ▪ De 3 vías ▪ 3 Wege ▪ 3 voies

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D3V

D3VAP

D3V...CC

4 Way ▪ De 4 vías ▪ 4 Wege ▪ 4 voies

| 357



D4V

6 Way ▪ De 6 vías ▪ 6 Wege ▪ 6 voies

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D6V

D6VAP

# DIVERTERS MANUAL

Desviadores manuales  
Umschalteventile manuell  
Déviateurs manuels

## 3 Way diverter BSP female

Desviador de 3 vías rosca hembra BSP

Umschalteventil 3 Wege w BSP

Déviateur manuel 3 voies femelle BSP



ROSCA THREAD	Referencia Part n°	€
1/4" BSP	D3V14	69,44
3/8" BSP	D3V38	64,96
1/2" BSP	D3V12	83,44
3/4" BSP	D3V34	96,32
1" BSP	D3V10	139,99
1" 1/2 BSP	D3V112*	390,64

Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

## High pressure 3 way flow diverter (400 bar)

Desviador 3 vías alta presión (400 bar)

Umschalteventil 3 Wege Hochdruck (400 bar)

Déviateur manuel 3 voies haute pression (400 bar)



ROSCA THREAD	Referencia Part n°	€
3/8" BSP	D3VAP38	77,28
1/2" BSP	D3VAP12	77,28
3/4" BSP	D3VAP34	98,56

## 3 Way closed centers diverter

Desviador de 3 vías centros cerrados

Rohrweiche 3 Wege Zentrum geschlossen

Déviateur manuel 3 voies centres fermés



ROSCA THREAD	Referencia Part n°	€
3/8" BSP	D3V38CC	69,44
1/2" BSP	D3V12CC	88,48
3/4" BSP	D3V34CC	101,92

## 4 Way diverter BSP female

Desviador de 4 vías

Umschalteventil 4 Wege w BSP

Déviateur manuel 4 voies femelle BSP



ROSCA THREAD	Referencia Part n°	€
1/4" BSP	D4V14	96,32
3/8" BSP	D4V38	96,32
1/2" BSP	D4V12	118,72
3/4" BSP	D4V34	147,83

## 6 Way diverter BSP female

Desviador de 6 vías

Umschalteventil 6 Wege w BSP

Déviateur manuel 6 voies femelle BSP



ROSCA THREAD	Referencia Part n°	€
1/4" BSP	D6V14	154,55
3/8" BSP	D6V38	147,27
1/2" BSP	D6V12	197,11
3/4" BSP	D6V34	223,99

## High pressure 6 way flow diverter (400 bar)

Desviador 6 vías alta presión (400 bar)

Umschalteventil 6 Wege Hochdruck (400 bar)

Déviateur manuel 6 voies haute pression (400 bar)



ROSCA THREAD	Referencia Part n°	€
3/8" BSP	D6VAP38	120,96
1/2" BSP	D6VAP12	120,96
3/4" BSP	D6VAP34	166,87

**ITALIAN SERIES SWIVEL FITTINGS** 362

Racores giratorios Serie Italiana  
Drehverschraubungen  
Raccords tournants série Italienne

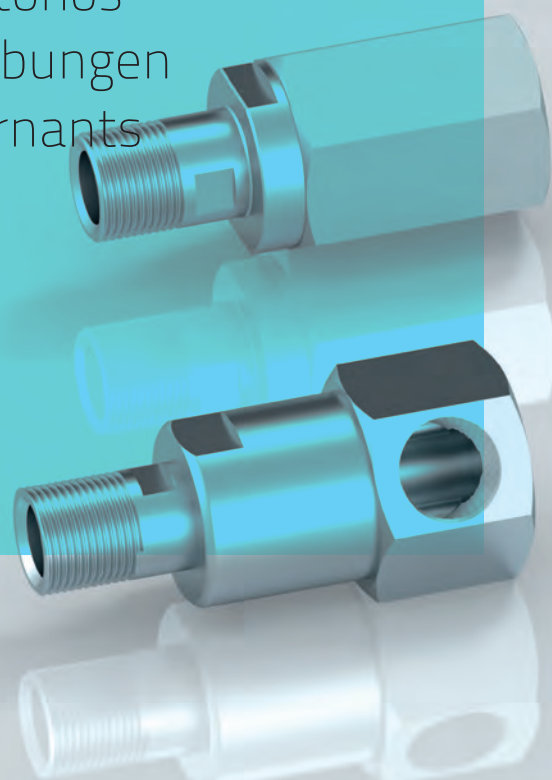
**TRΔLE® SERIES SWIVEL FITTINGS** 363

Racores giratorios Serie TrΔle®  
Drehverschraubungen TrΔle®  
Raccords tournants série TrΔle®

# 05

## SWIVEL FITTINGS

Racores giratorios  
Drehverschraubungen  
Raccords tournants



**ITALIAN SERIES SWIVEL FITTINGS**

Racores giratorios Serie Italiana  
 Drehverschraubungen  
 Raccords tournants série Italienne

Swivel fitting BSP ▪ Racor giratorio BSP ▪ Drehverschraubungen BSP ▪ Raccord tournant BSP

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GGL

GG90

Swivel fitting NPT ▪ Racor giratorio NPT ▪ Drehverschraubungen NPT ▪ Raccord tournantNPT

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GGL...NPT

GG90...NPT



## TRΔLE® SERIES SWIVEL FITTINGS

Racores giratorios Serie TrΔle  
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Raccords tournants série TrΔle®

Swivel fitting BSP ▪ Racores giratorios BSP ▪ Drehverschraubungen BSP ▪ Raccord tournant BSP

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RGR

RG90

ADAPTORS

QUICK-RELEASE  
COUPLINGS

BALL VALVES

DIVERTERS

SWIVEL FITTINGS

MULTI-WAY  
COUPLINGS

PROTECTIONS

# ITALIAN SERIES SWIVEL FITTINGS

Racores giratorios Serie Italiana  
Drehverschraubungen  
Raccords tournants série Italienne

## Straight swivel fittings BSP

Racor giratorio recto BSP

Gerade Drehverschr. BSP

Raccord tournant droit BSP



ROSCA THREAD	Referencia Part n°	€
1/4" BSP	GGL 1/4	26,92
3/8" BSP	GGL 3/8	28,90
1/2" BSP	GGL 1/2	33,71
3/4" BSP	GGL 3/4	57,10
1" BSP	GGL 1	72,82
1"1/4 BSP	GGL 1 1/4	118,80
1"1/2 BSP	GGL 1 1/2	180,87
2" BSP	GGL 2	293,79

## Elbow 90° swivel fitting BSP

Racor giratorio 90° BSP

90° Drehverschr. BSP

Raccord tournant coude 90° BSP



ROSCA THREAD	Referencia Part n°	€
1/4" BSP	GG90 1/4	30,82
3/8" BSP	GG90 3/8	34,29
1/2" BSP	GG90 1/2	41,10
3/4" BSP	GG90 3/4	72,17
1" BSP	GG90 1	93,90
1"1/4 BSP	GG90 1 1/4	184,64
1"1/2 BSP	GG90 1 1/2	281,27
2" BSP	GG90 2	394,72

## Straight swivel fittings NPT

Racor giratorio recto NPT

Gerade Drehverschr. NPT

Raccord tournant droit NPT



ROSCA THREAD	Referencia Part n°	€
1/4" NPT	GGL 1/4 NPT	29,17
3/8" NPT	GGL 3/8 NPT	31,30
1/2" NPT	GGL 1/2 NPT	36,52
3/4" NPT	GGL 3/4 NPT	61,85
1" NPT	GGL 1 NPT	78,81

## Elbow 90° swivel fitting NPT

Racor giratorio 90° NPT

90° Drehverschr. NPT

Raccord tournant coude 90° NPT



ROSCA THREAD	Referencia Part n°	€
1/4" NPT	GG90 1/4 NPT	33,39
3/8" NPT	GG90 3/8 NPT	37,15
1/2" NPT	GG90 1/2 NPT	44,52
3/4" NPT	GG90 3/4 NPT	78,18
1" NPT	GG90 1 NPT	101,72

## TRΔLE® SERIES SWIVEL FITTINGS

Racores giratorios Serie TrΔle®  
Drehverschraubungen TrΔle®  
Raccords tournants série TrΔle®

### Straight swivel fitting BSP

Racores giratorios rectos BSP

Drehverschraubungen gerade BSP

Raccord tournant droit BSP



ROSCA THREAD	Referencia Part n°	€
1/4" BSP	RGR 1/4	16,50
3/8" BSP	RGR 3/8	23,14
1/2" BSP	RGR 1/2	27,36
3/4" BSP	RGR 3/4	39,24
1" BSP	RGR 1	57,67

### Elbow 90° swivel fitting BSP

Racores giratorios 90° BSP

Drehverschraubungen 90° BSP

Raccord tournant coude 90° BSP



ROSCA THREAD	Referencia Part n°	€
1/4" BSP	RG90 1/4	17,83
3/8" BSP	RG90 3/8	27,51
1/2" BSP	RG90 1/2	39,60
3/4" BSP	RG90 3/4	47,08
1" BSP	RG90 1	69,50

ADAPTORS

QUICK-RELEASE  
COUPLINGS

BALL VALVES

DIVERTERS

SWIVEL FITTINGS

MULTI-WAY  
COUPLINGS

PROTECTIONS

## **TRALE MULTI-WAY COUPLING** | 367

Multienchufe Serie TrAle  
TrAle Mehrfachkupplung  
Multi-coupleur TrAle

# 06

## **MULTI-WAY COUPLINGS**

Multienchufes  
Schnellverschlusskupplungen  
Multi-coupleurs



## TRALE MULTI-WAY COUPLING

Multienchufe Serie TrAle  
TrAle Mehrfachkupplung  
Multi-coupleur TrAle

Multi-way coupling 4 ways - DICSА design ▪ Multienchufe 4 vías diseño DICSА ▪ Mehrfachkupplung 4fach Design DICSА ▪ Multi-coupleur 4 voies - design DICSА

367



Multi-way coupling 2 ways - DICSА design ▪ Multienchufe 2 vías diseño DICSА ▪ Mehrfachkupplung 2fach Design DICSА ▪ Multi-coupleur 2 voies - design DICSА

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Parts Multi-way coupling 2/4 ways - DICSА design ▪ Componentes multienchufe 2 vías/4 vías diseño DICSА ▪ Ersatzteilen Mehrfachkupplung 2 Wege / 4 Wege Design DICSА ▪ Pièces multi-coupleur 2/ 4 voies - design DICSА

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# TRALE MULTI-WAY COUPLING

Multienchufe Serie TrAle  
TrAle Mehrfachkupplung  
Multi-coupleur TrAle

## Multi-way couplings 4 ways with couplings

Multienchufe 4 vías con enchufes

Mehrfachkupplung 4fach mit Stecker

Multi-coupleur 4 voies avec connecteur



C. E.	WAYS NR. N° VIAS	Part n° Referencia	€
4 x F 1/2" BSP	4	MEDD44H08	828,83

## Multi-way couplings 4 ways parts

Partes multienchufe 4 vías

Mehrfachkupplung 4fach

Éléments Multi-coupleur 4 voies



C. E.	WAYS NR. N° VIAS	Part n° Referencia	€
---	4	MEDD4S	350,13
4 X F 1/2" BSP	4	MEDDH44H08	389,50
4 X F 1/2" BSP	4	MEDDM44H08	482,30

## Multi-way couplings 2 ways with couplings

Multienchufe 2 vías con enchufes

Mehrfachkupplung 2fach mit Stecker

Multi-coupleur 2 voies avec connecteur



C. E.	WAYS NR. N° VIAS	Part n° Referencia	€
2 x F 1/2" BSP	2	MEDD22H08	539,83

## Multi-way couplings 2 ways parts

Partes multienchufe 2 vías

Mehrfachkupplung 2fach

Éléments Multi-coupleur 2 voies



C. E.	WAYS NR. N° VIAS	Part n° Referencia	€
---	2	MEDD2S	294,93
2 X F 1/2" BSP	2	MEDDH22H08	239,41
2 X F 1/2" BSP	2	MEDDM22H08	331,46

## Quick-release couplings

Enchufes rápidos

SVK

Coupleurs rapides



THREAD ROSCA	ISO SIZE TAMANO ISO	BG SIZE TAMANO BG	C. E.	Part n° Referencia	€
H 1/2" BSP	10	2	M	A930108	58,07
H 1/2" BSP	10	2	H	A930208	58,07

## Spare parts

Componentes y repuestos

Ersatzteile

Pièces Détachées



C. E.	Part n° Referencia	€
MEDD2, MEDD4	SETA MEDD	13,94
MEDD2	MEDD1802	119,55
MEDD4	MEDD1804	157,65

**MULTI - 2**

MEDD1802 SETA MEDD

MEDDH22H08 + MEDDM22H08 = MEDD22H08

MEDD2S + A930208 x2 = MEDD22H08

MEDD2S + A930108 x2 = MEDD22H08

**MULTI - 4**

MEDD1804 SETA MEDD

MEDDH44H08 + MEDDM44H08 = MEDD44H08

MEDD4S + A930208 x4 = MEDD44H08

MEDD4S + A930108 x4 = MEDD44H08

**PLASTIC PLUGS** | 371

Tapones de plástico  
Kunststoff-Kappen  
Capuchons plastique

**SPRINGS** | 374

Muelles  
Scheuerschutz  
Ressorts

**PROTECTIONS** | 375

Protecciones textiles  
Textilschutz  
Protection textile

**SAFETY FIXATION** | 378

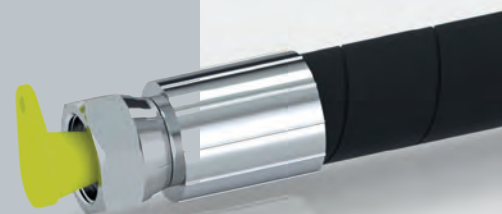
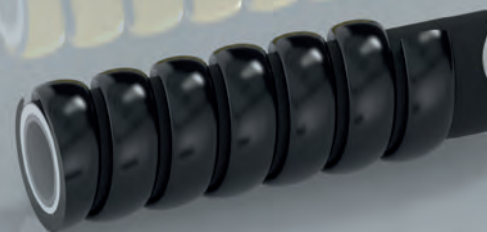
Fijaciones de seguridad  
Sicherheitsbefestigung  
Système de sécurité anti-fouet



# 07

## PROTECTIONS

Protecciones  
Schutz  
Protections



**PLASTIC PLUGS**

Tapones de plástico  
Kunststoff-Kappen  
Capuchons plastique

Female plugs for male thread ▪ Tapones hembra para roscas macho ▪ Verschluss-Kappen für Außengewinde ▪ Capuchons plastique femelle pour filetage mâle

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**SPRINGS**

Muelles  
Scheuerschutz  
Ressorts

Plastic springs ▪ Muelles de plástico ▪ Scheuerschutzwendel Kunststoff ▪ Ressorts plastique

374

**PROTECTIONS**

Protecciones textiles  
Textilschutz  
Protection textile

Fiberglass, adhesive tape and ceramic protection ▪ Protección fibra de vidrio, cerámica y adhesiva ▪ Glasfaser, Haftklebeband und Keramikschutz ▪ Protection en fibre de verre, adhesive et céramique

375

**SAFETY FIXATION**

Fijaciones de seguridad  
Sicherheitsbefestigung  
Système de sécurité anti-fouet

Safety fixation elements ▪ Elementos de fijación de seguridad ▪ Sicherungselemente ▪ Système de sécurité anti-fouet

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## PLASTIC PLUGS

Tapones de plástico  
Kunststoff-Kappen  
Capuchons plastique

### Plastic female cap - BSP thread

Tapón plástico hembra rosca BSP

BSP-Innengewinde aus Plastik

Bouchons plastique femelle - gaz



ROSCA THREAD	u/ Bolsa u/ Bag	Referencia Part n°	€
1/8" BSP	100	TFG 1/8	0,20
1/4" BSP	100	TFG 1/4	0,20
3/8" BSP	100	TFG 3/8	0,26
1/2" BSP	100	TFG 1/2	0,20
5/8" BSP	100	TFG 5/8	0,52
3/4" BSP	100	TFG 3/4	0,25
1" BSP	100	TFG 1	0,31
1"1/4 BSP	100	TFG 1 1/4	0,54
1"1/2 BSP	100	TFG 1 1/2	0,51
2" BSP	50	TFG 2	0,74

### Plastic female cap - Metric thread

Tapón plástico hembra rosca Métrica

Metr. Innengewinde aus Plastik

Bouchons plastique femelle Métriques



ROSCA THREAD	u/ Bolsa u/ Bag	Referencia Part n°	€
M12x1.5	100	TFM 12X1.5	0,21
M14x1.5	100	TFM 14X1.5	0,20
M16x1.5	100	TFM 16X1.5	0,22
M18x1.5	100	TFM 18X1.5	0,20
M20x1.5	100	TFM 20X1.5	0,23
M22x1.5	100	TFM 22X1.5	0,25
M24x1.5	100	TFM 24X1.5	0,26
M26x1.5	100	TFM 26X1.5	0,26
M30x2	100	TFM 30X2	0,33
M36x2	100	TFM 36X2	0,38
M42x2	100	TFM 42X2	0,56
M52x2	50	TFM 52X2	0,90

### Plastic female cap - UNF (JIC) thread

Tapón plástico hembra rosca UNF/JIC

UNF (JIC)-Innengewinde aus Plastik

Bouchons plastique femelle - JIC-UNF



ROSCA THREAD	u/ Bolsa u/ Bag	Referencia Part n°	€
7/16" UNF	100	TFU 7/16	0,22
1/2" UNF	100	TFU 1/2	0,18
9/16" UNF	100	TFU 9/16	0,22
3/4" UNF	100	TFU 3/4	0,26
7/8" UNF	100	TFU 7/8	0,24
1"1/16 UNF	100	TFU 1 1/16	0,30
1"5/16 UNF	100	TFU 1 5/16	0,45
1"5/8 UNF	100	TFU 1 5/8	0,68
1"7/8 UNF	100	TFU 1 7/8	0,80

### Plastic caps for SAE 3000 PSI flanges

Tapón plástico para bridas 3000 PSI

Kappe für SAE-Flansch 3000 PSI

Bouchons plastique de brides SAE 3000 PSI



DN	SERIE SERIES	TAMAÑO SIZE	u/ Bolsa u/ Bag	Referencia Part n°	€
30,2	3000 PSI	1/2"	100	TS 3000 1/2	0,32
38,1	3000 PSI	3/4"	100	TS 3000 3/4	0,28
44,5	3000 PSI	1"	100	TS 3000 1	0,15
50,8	3000 PSI	1"1/4	100	TS 3000 1 1/4	0,36
60,3	3000 PSI	1"1/2	100	TS 3000 1 1/2	0,41
71,4	3000 PSI	2"	100	TS 3000 2	0,45

### Plastic caps for SAE 6000 PSI flanges

Tapón plástico para bridas 6000 PSI

Kappe für SAE-Flansch 6000 PSI

Bouchons plastique de brides SAE 6000 PSI



DN	SERIE SERIES	TAMAÑO SIZE	u/ Bolsa u/ Bag	Referencia Part n°	€
31,8	6000 PSI	1/2"	100	TS 6000 1/2	0,34
41,3	6000 PSI	3/4"	100	TS 6000 3/4	0,32
47,6	6000 PSI	1"	100	TS 6000 1	0,42
54	6000 PSI	1"1/4	100	TS 6000 1 1/4	0,44
63,5	6000 PSI	1"1/2	100	TS 6000 1 1/2	0,50
79,4	6000 PSI	2"	50	TS 6000 2	1,01

## PLASTIC PLUGS

Tapones de plástico  
Kunststoff-Kappen  
Capuchons plastique

### Plastic male plug for BSP thread

Tapón plástico macho rosca BSP

BSP-Außengewinde aus Plastik

Bouchons plastique mâle - BSP



ROSCA THREAD	u/ Bolsa u/ Bag	Referencia Part n°	€
1/8" BSP	100	TMG 1/8	0,26
1/4" BSP	100	TMG 1/4	0,27
3/8" BSP	100	TMG 3/8	0,23
1/2" BSP	100	TMG 1/2	0,25
5/8" BSP	100	TMG 5/8	0,31
3/4" BSP	100	TMG 3/4	0,31
1" BSP	100	TMG 1	0,43
1"1/4 BSP	100	TMG 1 1/4	0,55
1"1/2 BSP	50	TMG 1 1/2	0,92
2" BSP	50	TMG 2	0,93

### Plastic male plug for Metric thread

Tapón plástico macho rosca Métrica

Metr. Außengewinde aus Plastik

Bouchons plastique mâle - Métriques



ROSCA THREAD	u/ Bolsa u/ Bag	Referencia Part n°	€
M12x1.5	100	TMM 12X1.5	0,17
M14x1.5	100	TMM 14X1.5	0,18
M16x1.5	100	TMM 16X1.5	0,19
M18x1.5	100	TMM 18X1.5	0,24
M20x1.5	100	TMM 20X1.5	0,23
M22x1.5	100	TMM 22X1.5	0,23
M24x1.5	100	TMM 24X1.5	0,25
M26x1.5	100	TMM 26X1.5	0,28
M30x2-M30X1.5	100	TMM 30X2	0,30
M36x2	100	TMM 36X2	0,41
M42x2	50	TMM 42X2	0,64
M45x2	50	TMM 45X2	0,80
M52X2	50	TMM 52X2	0,99

### Plastic male plug for UNF (JIC) thread

Tapón plástico macho rosca UNF/JIC

UNF (JIC)-Außengewinde aus Plastik

Bouchons plastique mâle - JIC-UNF



ROSCA THREAD	u/ Bolsa u/ Bag	Referencia Part n°	€
7/16" UNF	100	TMU 7/16	0,26
1/2" UNF	100	TMU 1/2	0,22
9/16" UNF	100	TMU 9/16	0,23
3/4" UNF	100	TMU 3/4	0,24
7/8" UNF	100	TMU 7/8	0,27
1"1/16 UNF	100	TMU 1 1/16	0,34
1"5/16 UNF	100	TMU 1 5/16	0,43
1"5/8 UNF	50	TMU 1 5/8	0,85
1"7/8 UNF	50	TMU 1 7/8	0,95

### PTFE Tape

Cinta PTFE

PTFE-Band

Ruban PTFE



N° rollos N° rolls	Referencia Part n°	€
10	M2999010	16,02

### TrAle PTFE Tape

Cinta PTFE TrAle

PTFE-Band TrAle

Ruban PTFE TrAle



NEW

N° rollos N° rolls	Referencia Part n°	€
10	MS2999010	10,00

### Caps for assemblies

Tapones para latiguillos

Verschlusskappen für konfektionierte Schläuche

Capouchons pour tuyau



TAMAÑO SIZE	u/ Bolsa u/ Bag	Referencia Part n°	€
HEX14	100	LHT014	0,32
HEX16	100	LHT016	0,33
HEX17	100	LHT017	0,29
HEX19	100	LHT019	0,32
HEX22	100	LHT022	0,50
HEX24	100	LHT024	0,57
HEX25	100	LHT025	0,48
HEX27	100	LHT027	0,42
HEX30	100	LHT030	0,89
HEX32	100	LHT032	0,66
HEX36	100	LHT036	0,99
HEX41	50	LHT041	0,91
HEX46	50	LHT046	1,23
HEX50	50	LHT050	1,35
HEX55	50	LHT055	2,16
HEX60	25	LHT060	2,69
HEX65	25	LHT065	3,79
HEX70	25	LHT070	3,82
HEX75	25	LHT075	3,82
HEX80	25	LHT080	3,60

# PLASTIC PLUGS

Tapones de plástico  
Kunststoff-Kappen  
Capuchons plastique

## Service Plugs

Service Plugs

Service-Stecker

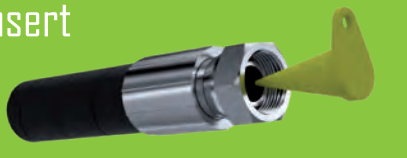
Bouchons de service

NEW



TAMAÑO SIZE	Referencia Part n°	€
MIX	TSPMIX	90,11
Small	TSPS	24,16
Medium	TSPM	32,21
Large	TSPL	83,60

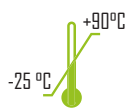
Insert



Push

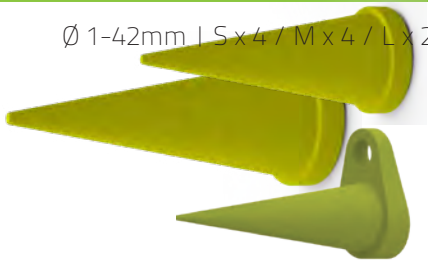


Push & Twist



MIX

Ø 1-42mm | S x 4 / M x 4 / L x 2 pcs.



TSPMIX

S

Ø 1-10mm | S x 6 pcs.



TSPS

M

Ø 5-22mm | M x 4 pcs.



TSPM

L

Ø 13-42mm | L x 4 pcs.



TSPL

# SPRINGS

Muelles  
Scheuerschutz  
Ressorts

## Flat plastic spring

Muelle de plástico plano

Scheuerschutzwendel flach

Ressort plastique plat



DN	Espesor (mm) Thickness (mm)	PASO ESPIRAL SPIRAL PITCH	LONGITUD (m) LENGTH (m)	Referencia Part n°	€
12	1	8	50	AMUELLE P12	5,65
13	1	16	50	AMUELLE P13	6,47
15	1	16	50	AMUELLE P15	6,60
16	1	16	50	AMUELLE P16	6,66
17	1	16	50	AMUELLE P17	6,72
18	1	16	50	AMUELLE P18	6,84
20	1	16	50	AMUELLE P20	6,90
21	1	16	50	AMUELLE P21	7,14
22	1	16	50	AMUELLE P22	7,24
25	1	16	50	AMUELLE P25	8,27
28	1	16	50	AMUELLE P28	9,34
30	1	16	50	AMUELLE P30	9,64
33	2	16	20	AMUELLE P33	14,88
35	2	16	20	AMUELLE P35	15,17
38	2	16	20	AMUELLE P38	15,62
40	2	16	20	AMUELLE P40	15,89
45	2	16	20	AMUELLE P45	17,97
48	2	16	20	AMUELLE P48	18,68
50	2	16	20	AMUELLE P50	19,28
55	2	16	20	AMUELLE P55	22,79
60	2	16	20	AMUELLE P60	25,53
70	2	16	20	AMUELLE P70	31,12
80	2	16	15	AMUELLE P80	35,82

## Round plastic spring

Muelle de plástico redondo

Scheuerschutzwendel Runde

Ressort plastique rond



DN	Espesor (mm) Thickness (mm)	PASO ESPIRAL SPIRAL PITCH	LONGITUD (m) LENGTH (m)	Referencia Part n°	€
12 - 16	1.5	12	50	AMUELLE PR12	0,30
16 - 20	2	16	50	AMUELLE PR16	3,34
20 - 25	2.5	18	50	AMUELLE PR20	4,53
25 - 30	2.5	23	50	AMUELLE PR25	7,20

## HDPE flat spring, black color

Muelle plano PEAD, color negro

Wendel PEAD flach, schwarz

Ressort plat en HDPE, couleur noir



DN	Espesor (mm) Thickness (mm)	PASO ESPIRAL SPIRAL PITCH	LONGITUD (m) LENGTH (m)	Referencia Part n°	€
13	1.3	13	25	AMUELLE HDPE13	5,17
16	2	13	25	AMUELLE HDPE16	5,95
20	2.2	20	25	AMUELLE HDPE20	6,37
27	2.5	24	25	AMUELLE HDPE27	8,29
35	2.7	24	25	AMUELLE HDPE35	12,44
43	3.4	30	25	AMUELLE HDPE43	14,78
56	3.7	37	25	AMUELLE HDPE56	20,01
66	4.4	42	20	AMUELLE HDPE66	24,21

## HDPE flat spring, yellow color

Muelle plano PEAD, color amarillo

Wendel PEAD flach, gelb

Ressort plat en HDPE, couleur jaune



DN	Espesor (mm) Thickness (mm)	PASO ESPIRAL SPIRAL PITCH	LONGITUD (m) LENGTH (m)	Referencia Part n°	€
13	1.3	13	25	AMUELLE HDPEY13	5,41
16	2	13	25	AMUELLE HDPEY16	6,25
20	2.2	20	25	AMUELLE HDPEY20	6,67
27	2.5	24	25	AMUELLE HDPEY27	8,77
35	2.7	24	25	AMUELLE HDPEY35	13,04
43	3.4	30	25	AMUELLE HDPEY43	15,50
56	3.7	37	25	AMUELLE HDPEY56	21,03
66	4.4	42	20	AMUELLE HDPEY66	25,42

## Flat metallic spring 5x1

Muelle metálico plano perfil 5x1

Flachmetallwendel 5x1

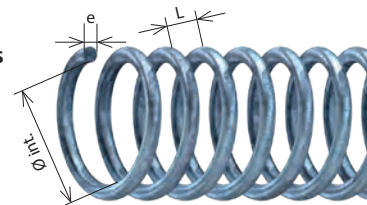
Ressort métallique plat profil 5x1



DN	LONGITUD (m) LENGTH (m)	Referencia Part n°	€
16	4	AMUELLE16	13,10
18	4	AMUELLE18	13,17
20	4	AMUELLE20	13,33
22	4	AMUELLE22	14,22
24	4	AMUELLE24	14,95
26	4	AMUELLE26	15,66
28	4	AMUELLE28	17,87
30	4	AMUELLE30	18,40
32	4	AMUELLE32	19,02
34	4	AMUELLE34	19,57
38	4	AMUELLE38	20,75
40	4	AMUELLE40	21,54
42	4	AMUELLE42	23,09
47	3	AMUELLE47	24,83
52	2	AMUELLE52	26,89
60	1.5	AMUELLE60	29,34
68	1	AMUELLE68	35,81
72	1	AMUELLE72	37,48

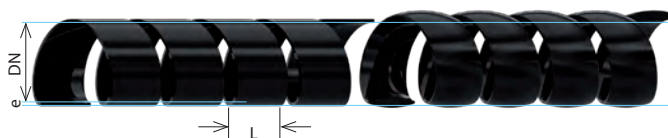
Podemos suministrar muelles metálicos redondos en acero galvanizado bajo plano. Consúltenos

We can supply rounded metallic springs in galvanized steel under drawing. Please, enquire us



AMUELLE

L = PASO ESPIRAL / SPIRAL PITCH  
e = ESPESOR / THICKNESS



# PROTECTIONS

Protecciones textiles

Textilschutz

Protection textile

ADAPTORS

QUICK-RELEASE  
COUPLINGS

BALL VALVES

DIVERTERS

SWIVEL FITTINGS

MULTI-WAY  
COUPLINGS

PROTECTIONS

## Fibreglass tube

Tubo de fibra de vidrio

Glasfaserschutz

Gaine de fibre de verre



Ø INT. MIN. Ø Inner Min.	Ø INT. MAX. Ø Inner Max.	DIÁMETRO (mm) DIAMETER (mm)	Referencia Part n°	€
12	15	15	AVIDRIO 15	4,00
16	18	20	AVIDRIO 20	5,33
18	22	25	AVIDRIO 25	6,67
25	28	30	AVIDRIO 30	8,06
28	32	35	AVIDRIO 35	9,77
30	35	40	AVIDRIO 40	10,66
38	42	45	AVIDRIO 45	12,44
45	48	50	AVIDRIO 50	13,33
48	52	60	AVIDRIO 60	19,55
70	72	75	AVIDRIO 75	24,88

## Silicone fibreglass tube

Tubo de fibra de vidrio siliconado

Glasfaserschutz silikonbeschichtet

Gaine de fibre de verre siliconée



DN	Referencia Part n°	€
12	AVIDRIO S 12	20,43
16	AVIDRIO S 16	22,55
19	AVIDRIO S 19	25,93
25	AVIDRIO S 25	34,80
28	AVIDRIO S 28	39,28
32	AVIDRIO S 32	42,11
38	AVIDRIO S 38	43,52
51	AVIDRIO S 51	66,07
70	AVIDRIO S 70	130,81

## B Series silicone fibreglass tube

Tubo de fibra de vidrio siliconado serie B

Glasfaserschutz silikonbeschichtet B-Serie

Gaine de fibre de verre siliconée Série B



DN	Referencia Part n°	€
12	BVIDRIO S 12	13,51
16	BVIDRIO S 16	16,54
19	BVIDRIO S 19	19,04
22	BVIDRIO S 22	22,31
25	BVIDRIO S 25	25,58
28	BVIDRIO S 28	29,95
32	BVIDRIO S 32	35,09

## Ceramic fibre tube

Tubo de fibra cerámica

Keramikfaserschlauch

Gaine de fibre de céramique



DN	Referencia Part n°	€
15	ACERAMICA 15	11,33
20	ACERAMICA 20	13,62
25	ACERAMICA 25	14,88
30	ACERAMICA 30	21,37
40	ACERAMICA 40	28,33
50	ACERAMICA 50	35,33
60	ACERAMICA 60	42,45
70	ACERAMICA 70	53,01

## Saturated fibreglass tube

Tubo de fibra de vidrio saturada

Gesättigter Glasfaserschutz

Gaine de fibre de verre saturée



Ø INT. MIN. Ø Inner Min.	Ø INT. MAX. Ø Inner Max.	Referencia Part n°	€
1/2"	3/4"	AVIDRIO FA 08	13,12
5/8"	1"	AVIDRIO FA 10	17,76
3/4"	1" 1/4	AVIDRIO FA 12	23,65
1"	1" 3/4	AVIDRIO FA 16	35,20
1" 1/2	2" 1/4	AVIDRIO FA 24	54,21
2" 1/2	4"	AVIDRIO FA 40	86,34

## Fibreglass with velcro shield

Revestimiento de fibra de vidrio con velcro

Glasfaserhülle mit Klettverschluss

Revêtement de fibre de verre avec velcro



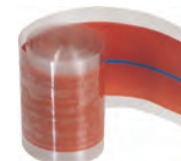
DIÁMETRO (mm) DIAMETER (mm)	Referencia Part n°	€
1" 1/2 / 38	ROVISIVE 24	141,96
2" / 50	ROVISIVE 32	165,61
2" 3/4 / 70	ROVISIVE 44	200,26

## Silicone tape

Cinta silicona

Silikon-Band

Ruban silicone



ANCHURA (mm) WIDTH (mm)	LONGITUD (m) LENGTH (m)	Referencia Part n°	€
25	11	CSVIDRIO25	83,41
38	11	CSVIDRIO38	122,50

# PROTECTIONS

Protecciones textiles  
Textilschutz  
Protection textile

## Jitrakor adhesive tape

Jitrakor cinta adhesiva

JITRAKOR-Haftklebeband

Jitrakor bande adhesive



ANCHURA (mm) WIDTH (mm)	LONGITUD (m) LENGTH (m)	Referencia Part n°	€
50	10	JITRAKOR	45,94

€/roll / €/rollo / €/rolle / €/rouleau

## Textile protection tube

Tubo de protección textil

Textilschutz

Gaine de protection textile



L	Ø EXT. Ø OUTER	Ø INT. Ø INNER	Referencia Part n°	€
35	21	18	GT35	1,43
40	23	20	GT40	1,43
45	26	23	GT45	1,81
50	31	28	GT50	1,97
55	33	30	GT55	2,23
65	39	36	GT65	2,36
80	46	43	GT80	3,21
120	71	68	GT120	3,83
150	88	85	GT150	7,75

## Textile protection tube accessories

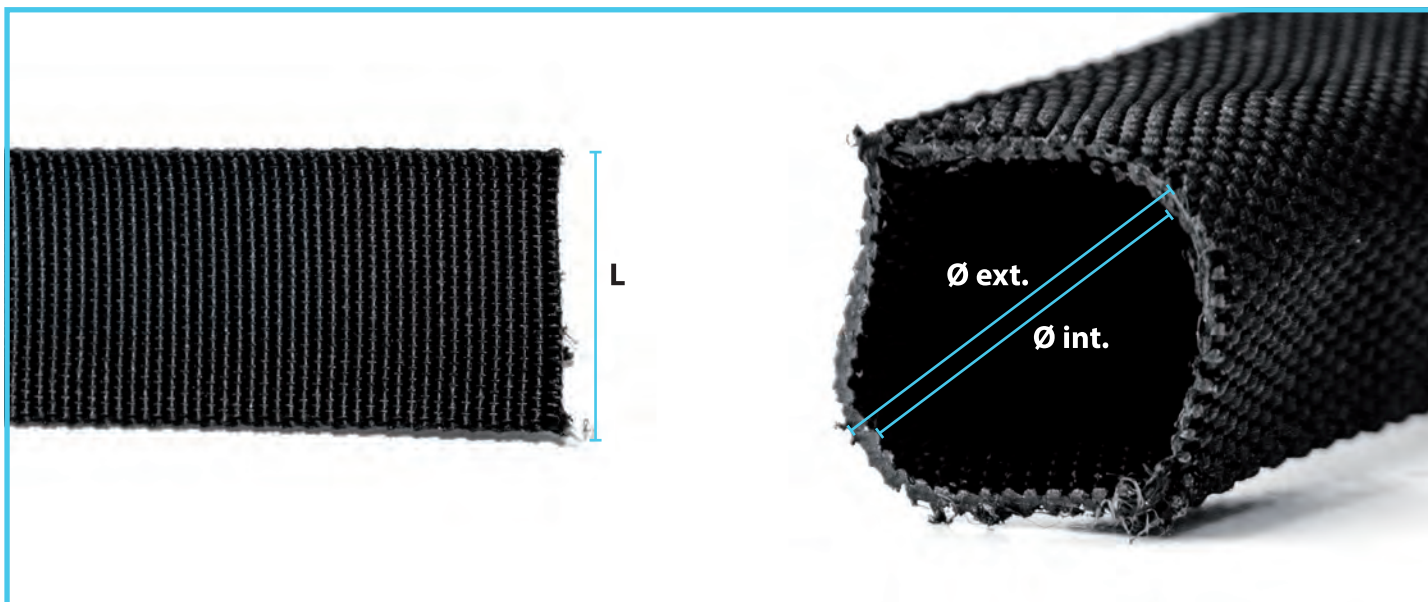
Accesorios tubo de protección textil

Schlauchschutz-Zubehör

Accessoires pour gaine de protection textile



Ø INT. MIN. Ø Inner Min.	Ø INT. MAX. Ø Inner Max.	Referencia Part n°	€
13	15	ABRAZADERA 13-15	0,95
15	18	ABRAZADERA 15-18	1,20
20	23	ABRAZADERA 20-23	1,55
22	25	ABRAZADERA 22-25	1,82
23	27	ABRAZADERA 23-27	1,99
25	28	ABRAZADERA 25-28	1,98
40	43	ABRAZADERA 40-43	4,18
43	46	ABRAZADERA 43-46	4,44





# Fibras

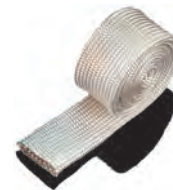
Fibers  
Fibres  
Fibre

## AVIDRIO

Tubo de fibra de vidrio  
Fibreglass tube

Fibra de alta calidad tipo E, no se quema y soporta exposiciones a temperaturas de 540 °C. Resiste la mayoría de ácidos y alcalinos y no le afecta la mayoría de disolventes ni lejías/blanqueantes.

*High-quality fiber type E, no burns and supports exposure to temperatures of 540 °C. Resists most acids and alkalis and is unaffected by most solvents or bleach.*

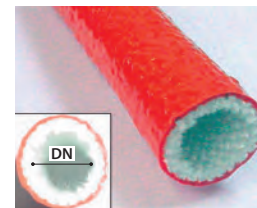


## AVIDRIO S

Tubo de fibra de vidrio siliconado  
Silicone fibreglass tube

Diseñado para proteger mangueras, alambres, etc. de los peligros del calor elevado y de las llamas ocasionales. Protección continua a 260 °C, soporta picos de hasta 1200 °C. Es resistente a fluidos hidráulicos, aceites lubricantes y combustibles. La funda siliconada protege contra la pérdida de energía en tubo rígido y manguera.

*Designed to protect hoses, wires and cables from the hazards of high heat and occasional flame. It protects continuously to 260 °C and will withstand a molten splash at 1200 °C. Resistant to hydraulic fluids, lubricating oils and fuels, it insulates against energy loss in piping and hosing.*



## BVIDRIO S

Tubo de fibra de vidrio siliconado  
Silicone fibreglass tube

Perfecto para proteger mangueras, tubos rígidos, etc. de elevadas temperaturas y llamas ocasionales. Ofrece protección continua a 260°C, con picos de hasta 1650°C. Resistente a salpicaduras de metales fundidos, fluidos hidráulicos, lubricantes y combustibles. La funda siliconada aísla el interior evitando la pérdida de energía en el tubo rígido o manguera.

*Perfect to protect hoses, pipes and cables from high temperatures, it protects continuously to 260°C and a maximum of 1650°C. Resistant to splashes of molten metals, hydraulic fluids, lubricating oils and fuels. The silicone cover insulates against energy loss in piping and hosing.*

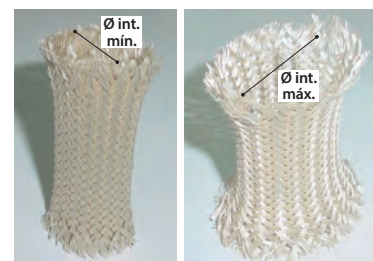


## AVIDRIO FA

Fibra de vidrio saturada  
Saturated fibreglass tube

Proporciona protección continua hasta 540 °C. Es resistente a la mayoría de ácidos y alcalinos y no le afectan la mayoría de los disolventes ni lejías/blanqueantes. Es altamente flexible y adaptable; esto permite que una misma protección pueda colocarse en varios diámetros de tubo o incluso en montajes ya terminados (manguera/tubo + conexión/rácor). También es muy útil en longitudes largas de manguera o cable.

*Provides continuous protection up to 540 °C. It is resistant to most acids and alkalis and is not affected by most of the solvents or bleach. It is highly flexible and adaptable, this allows to place the same protection on various diameters of pipe, or even on already finished assemblies (hose/pipe + connection/fitting). It is also useful in long lengths of hose or cable.*

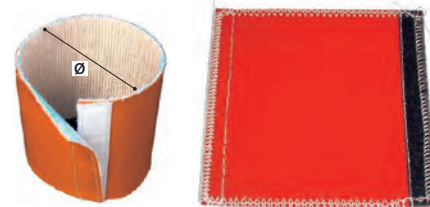


## ROVISIVE

Revestimiento de fibra de vidrio siliconada con velcro  
Silicon fibreglass with velcro shield

Diseñado para proteger mangueras, alambres, etc. de los peligros del calor elevado y de las llamas ocasionales. Protección continua a 260 °C, soporta picos de hasta 1200 °C. Su sistema de cierre con velcro permite el montaje *in situ* sin necesidad de quitar y poner los racores y terminales.

*Designed to protect hoses, wires and cables from the hazards of high heat and occasional flame. It protects continuously to 260 °C and will withstand a molten splash at 1200 °C. Its Velcro closure system allows application in-situ without the need to dismantle and reconnect fittings and terminations.*



## ACERAMICA

Tubo de fibra cerámica  
Ceramic fibre tube

La fibra cerámica está compuesta de silicato de aluminio. Es considerablemente resistente a altas temperaturas y tiene una estabilidad química excelente, resiste a los agentes más corrosivos, con la excepción del ácido fosfórico, ácido clorhídrico y bases fuertes. Tiene una excelente insonorización y aislamiento eléctrico, es de baja densidad y alta flexibilidad. No gotea en caso de incendio (no contiene agua). Sus características térmicas y físicas no se alteran por el agua, vapor o aceite.

*Ceramic fibre is composed of aluminium silicate. Is considerably resistant to high temperatures and has excellent chemical stability, resists to most corrosive agents, with the exception of phosphoric acid, hydrochloric acid and strong alkalis. It has excellent soundproofing and electric insulation, low density and high flexibility. Not dripping in case of fire (does not contain water). Its thermal and physical characteristics are not altered by water, steam or oil.*



## SAFETY FIXATION

Fijaciones de seguridad  
Sicherheitsbefestigung  
Système de sécurité anti-fouet

### Retaining system to DIN 2353

Protección para DIN 2353

Ausreißsicherung für DIN 2353

Platines de fixation pour DIN 2353



Ø INT (mm) Ø INNER (mm)	DESCRIPCIÓN DESCRIPTION	PRESIÓN MAX. (bar) MAX. PRESSURE (bar)	Referencia Part n°	€
14.5	8L - 1/4"	450	STOPFUDIN 145 CONF	29,85
17	8S - 10L - 3/8"	445	STOPFUDIN 17 CONF	29,85
18.5	10S - 12L	420	STOPFUDIN 185 CONF	29,85
20.5	12S	420	STOPFUDIN 205 CONF	29,85
22.5	14S - 15L - 1/2"	420	STOPFUDIN 225 CONF	30,29
24.5	16S - 5/8"	420	STOPFUDIN 245 CONF	30,29
26.5	18L - 3/4"	420	STOPFUDIN 265 CONF	30,29
30.5	20S - 22L	420	STOPFUDIN 305 CONF	31,18
34	1"	420	STOPFUDIN 34 CONF	33,41
36.5	25S - 28L	420	STOPFUDIN 365 CONF	33,41
42.5	30S - 1" 1/4	420	STOPFUDIN 425 CONF	33,86
45.5	35L	420	STOPFUDIN 455 CONF	34,30
49	1" 1/2	420	STOPFUDIN 49 CONF	34,75
52.5	38S - 42L	385	STOPFUDIN 525 CONF	35,19
60	2"	350	STOPFUDIN 60 CONF	37,85

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### Retaining system to JIC 37°

Protección para JIC 37°

Ausreißsicherung für JIC 37°

Platines de fixation pour JIC 37°



Ø INT (mm) Ø INNER (mm)	DESCRIPCIÓN DESCRIPTION	PRESIÓN MAX. (bar) MAX. PRESSURE (bar)	Referencia Part n°	€
11,5	7/16	450	STOPFUJIC 115 S	28,51
13,2	1/2	450	STOPFUJIC 132 S	28,51
14,8	9/16	450	STOPFUJIC 148 S	28,51
19,5	3/4	420	STOPFUJIC 195 S	28,51
22,8	7/8	420	STOPFUJIC 228 S	28,96
27,5	1 1/16	420	STOPFUJIC 275 S	29,85
30,7	1 3/16	420	STOPFUJIC 307 S	29,85
34	1 5/16	420	STOPFUJIC 34 L	36,53
34	1 5/16	420	STOPFUJIC 34 S	32,08
41,5	1 5/8	420	STOPFUJIC 415 L	37,87
41,5	1 5/8	420	STOPFUJIC 415 S	33,41
48	1 7/8	420	STOPFUJIC 48 L	37,87
48	1 7/8	420	STOPFUJIC 48 S	37,87
64	2 1/2	350	STOPFUJIC 64 L	49,68

### Retaining system to DIN 2353 OPEN

Protección para DIN 2353 OPEN

Ausreißsicherung für DIN 2353 offen

Platines de fixation pour DIN 2353 OPEN



Ø INT (mm) Ø INNER (mm)	DESCRIPCIÓN DESCRIPTION	PRESIÓN MAX. (bar) MAX. PRESSURE (bar)	Referencia Part n°	€
14.5	8L - 1/4"	450	STOPFUDIN 145 OPEN	55,69
17	8S - 10L - 3/8"	445	STOPFUDIN 17 OPEN	55,69
18.5	10S - 12L	420	STOPFUDIN 185 OPEN	55,69
20.5	12S	420	STOPFUDIN 205 OPEN	55,69
22.5	14S - 15L - 1/2"	420	STOPFUDIN 225 OPEN	55,69
24.5	16S - 5/8"	420	STOPFUDIN 245 OPEN	55,69
26.5	18L - 3/4"	420	STOPFUDIN 265 OPEN	55,69
30.5	20S - 22L	420	STOPFUDIN 305 OPEN	57,02
34	1"	420	STOPFUDIN 34 OPEN	64,60
36.5	25S - 28L	420	STOPFUDIN 365 OPEN	64,60
42.5	30S - 1" 1/4	420	STOPFUDIN 425 OPEN	65,49
45.5	35L	420	STOPFUDIN 455 OPEN	65,49
49	1" 1/2	420	STOPFUDIN 49 OPEN	65,49
52.5	38S - 42L	385	STOPFUDIN 525 OPEN	66,38
60	2"	350	STOPFUDIN 60 OPEN	66,82

### Retaining system to JIC 37° OPEN

Protección para JIC 37° OPEN

Ausreißsicherung für JIC 37° offen

Platines de fixation pour JIC 37° OPEN



Ø INT (mm) Ø INNER (mm)	DESCRIPCIÓN DESCRIPTION	PRESIÓN MAX. (bar) MAX. PRESSURE (bar)	Referencia Part n°	€
11,5	7/16	450	STOPFUJIC 115 S OPEN	55,69
13,2	1/2	450	STOPFUJIC 132 S OPEN	55,69
14,8	9/16	450	STOPFUJIC 148 S OPEN	55,69
19,5	3/4	420	STOPFUJIC 195 S OPEN	55,69
22,8	7/8	420	STOPFUJIC 228 S OPEN	55,69
27,5	1 1/16	420	STOPFUJIC 275 S OPEN	57,02
30,7	1 3/16	420	STOPFUJIC 307 S OPEN	57,91
34	1 5/16	420	STOPFUJIC 34 L OPEN	64,60
34	1 5/16	420	STOPFUJIC 34 S OPEN	60,14
41,5	1 5/8	420	STOPFUJIC 415 L OPEN	65,93
41,5	1 5/8	420	STOPFUJIC 415 S OPEN	61,03
48	1 7/8	420	STOPFUJIC 48 L OPEN	66,38
48	1 7/8	420	STOPFUJIC 48 S OPEN	61,92
64	2 1/2	350	STOPFUJIC 64 L OPEN	67,27

Assembly where hoses have already been installed.



Montaje en mangueras previamente instaladas.

# SAFETY FIXATION

Fijaciones de seguridad  
Sicherheitsbefestigung  
Système de sécurité anti-fouet

## Retaining system for flanges

Protección para bridas

Ausreißsicherung für Flansche

Platines de fixation pour brides



Ø INT (mm) Ø INNER (mm)	PRESIÓN MAX. (bar) MAX. PRESSURE (bar)	BRIDA SAE SAE FLANGE	Referencia Part n°	€
8.5	415	1/2" 3000 - 6000"	STOPFUSAE 085 CONF	33,86
10.5	420	3/4"-1" -1" 1/4 3000- 3/4" 6000	STOPFUSAE 2105 CONF	34,30
10.5	420	3/4"-1" -1" 1/4 300 - 3/4" 6000	STOPFUSAE 105 CONF	34,75
12.5	420	1"-1/2 -2" 3000 - 1" 6000	STOPFUSAE 125 CONF	35,64
14.5	420	3/4"-1"-1/4" - 3000 - 3/4"	STOPFUSAE 145 CONF	35,64
16.5	420	1" 1/4 6000	STOPFUSAE 165 CONF	36,53
20.5	350	2" 6000	STOPFUSAE 205 CONF	39,36
25	350	2" 1/2 6000	STOPFUSAE 25 CONF	99,34
32	210	3" 6000	STOPFUSAE 32 CONF	104,69

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## Fixation clamps

Abrazaderas

Befestigungsschellen

Colliers de fixation



Ø INT. Ø INNER	Referencia Part n°	€
11-11.5 mm	STOPFA11115	9,52
12-12.5 mm	STOPFA12125	9,52
13-13.5 mm	STOPFA13135	9,52
14-15 mm	STOPFA1415	9,52
16-17 mm	STOPFA1617	9,52
17-18 mm	STOPFA1718	9,52
18-19 mm	STOPFA1819	9,52
20-21 mm	STOPFA2021	9,52
21-22 mm	STOPFA2122	9,52
22-23 mm	STOPFA2223	9,52
24-25 mm	STOPFA2425	9,97
25-26 mm	STOPFA2526	9,97
26-27 mm	STOPFA2627	9,97
27-28 mm	STOPFA2728	10,42
28-29 mm	STOPFA2829	10,42
30-31 mm	STOPFA3031	10,42
32-33 mm	STOPFA3233	10,42
34-35 mm	STOPFA3435	10,88
36-37 mm	STOPFA3637	10,88
38-39 mm	STOPFA3839	10,88
39-40 mm	STOPFA3940	10,88
40-41 mm	STOPFA4041	11,33
42-43 mm	STOPFA4243	11,33
43-44 mm	STOPFA4344	11,33
44-45 mm	STOPFA4445	11,33
45-47 mm	STOPFA4547	13,14
48-50 mm	STOPFA4850	13,14
51-53 mm	STOPFA5153	13,60
53-54 mm	STOPFA5354	13,60
54-56 mm	STOPFA5456	14,05
57-59 mm	STOPFA5759	14,05
60-62 mm	STOPFA6062	14,50
63-65 mm	STOPFA6365	14,50
66-68 mm	STOPFA6668	14,96
69-71 mm	STOPFA6971	14,96
72-74 mm	STOPFA7274	14,96
75-77 mm	STOPFA7577	14,96
78-80 mm	STOPFA7880	15,41
81-83 mm	STOPFA8183	15,41
84-86 mm	STOPFA8486	15,41
87-89 mm	STOPFA8789	15,86
90-92 mm	STOPFA9092	15,86
93-95 mm	STOPFA9395	16,31

ADAPTORS

QUICK-RELEASE  
COUPLINGS

BALL VALVES

DIVERTERS

SWIVEL FITTINGS

MULTI-WAY  
COUPLINGS

PROTECTIONS

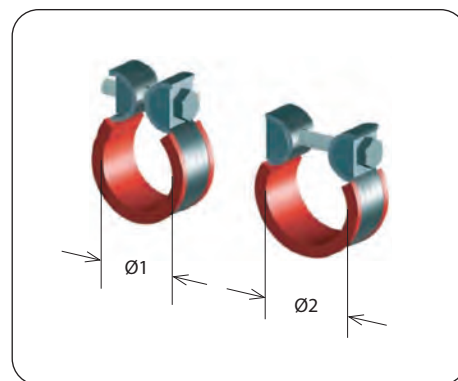
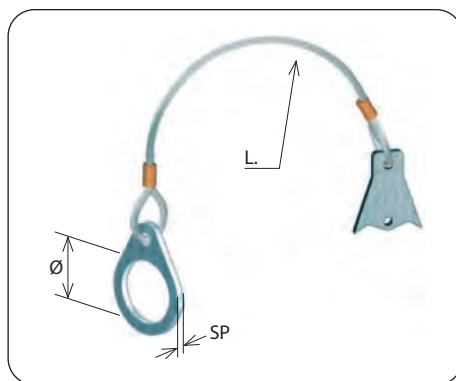
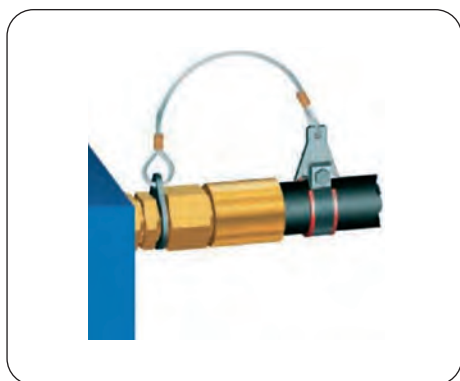
# Fijaciones de seguridad

Safety system

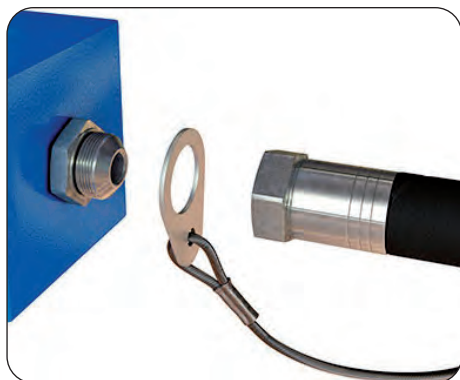
Système de sécurité anti-fouet

Fune di sicurezza

Referencia Part No. Référence Codice	Ø	SP	Recomendado para Recommended for Recommandé pour Consigliato per
STOPFUDIN 145 CONF	14,5	2,5	8L - 1/4"
STOPFUDIN 17 CONF	17	2,5	8S - 10L - 3/8"
STOPFUDIN 185 CONF	18,5	2,5	10S - 12L
STOPFUDIN 205 CONF	20,5	2,5	12S
STOPFUDIN 225 CONF	22,5	2,5	14S - 15L - 1/2"
STOPFUDIN 245 CONF	24,5	2,5	16S - 5/8"
STOPFUDIN 265 CONF	26,5	2,5	18L - 3/4"
STOPFUDIN 305 CONF	30,5	3	20S - 22L
STOPFUDIN 34 CONF	34	3	1"
STOPFUDIN 365 CONF	36,5	3	25S - 28L
STOPFUDIN 425 CONF	42,5	3	30S - 1 1/4"
STOPFUDIN 455 CONF	45,5	3	35L
STOPFUDIN 49 CONF	49	3	1 1/2"
STOPFUDIN 525 CONF	52,5	3	38S - 42L
STOPFUDIN 60 CONF	60	3	2"
STOPFUSAE 085 CONF	8,5	4	Brida SAE 1/2" 3000 y 6000 PSI
STOPFUSAE 105 CONF	10,5	4	Brida SAE 3/4" - 1" - 1 1/4" 3000 PSI y 3/4" 6000 PSI
STOPFUSAE 125 CONF	12,5	4	Brida SAE 1 1/2" - 2" 3000 PSI y 1" 6000 PSI
STOPFUSAE 145 CONF	14,5	4	Brida SAE 1 1/4" 6000 PSI
STOPFUSAE 165 CONF	16,5	4	Brida SAE 1 1/2" 6000 PSI
STOPFUSAE 205 CONF	20,5	4	Brida SAE 2" 6000 PSI



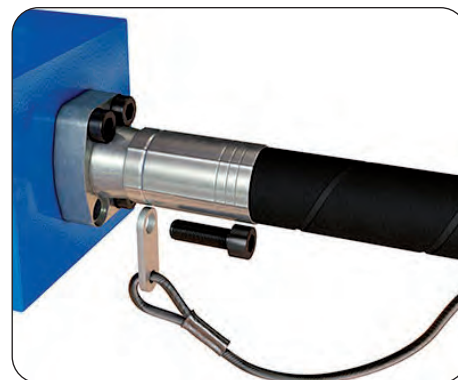
STPOFIJIC



STOPFUDIN



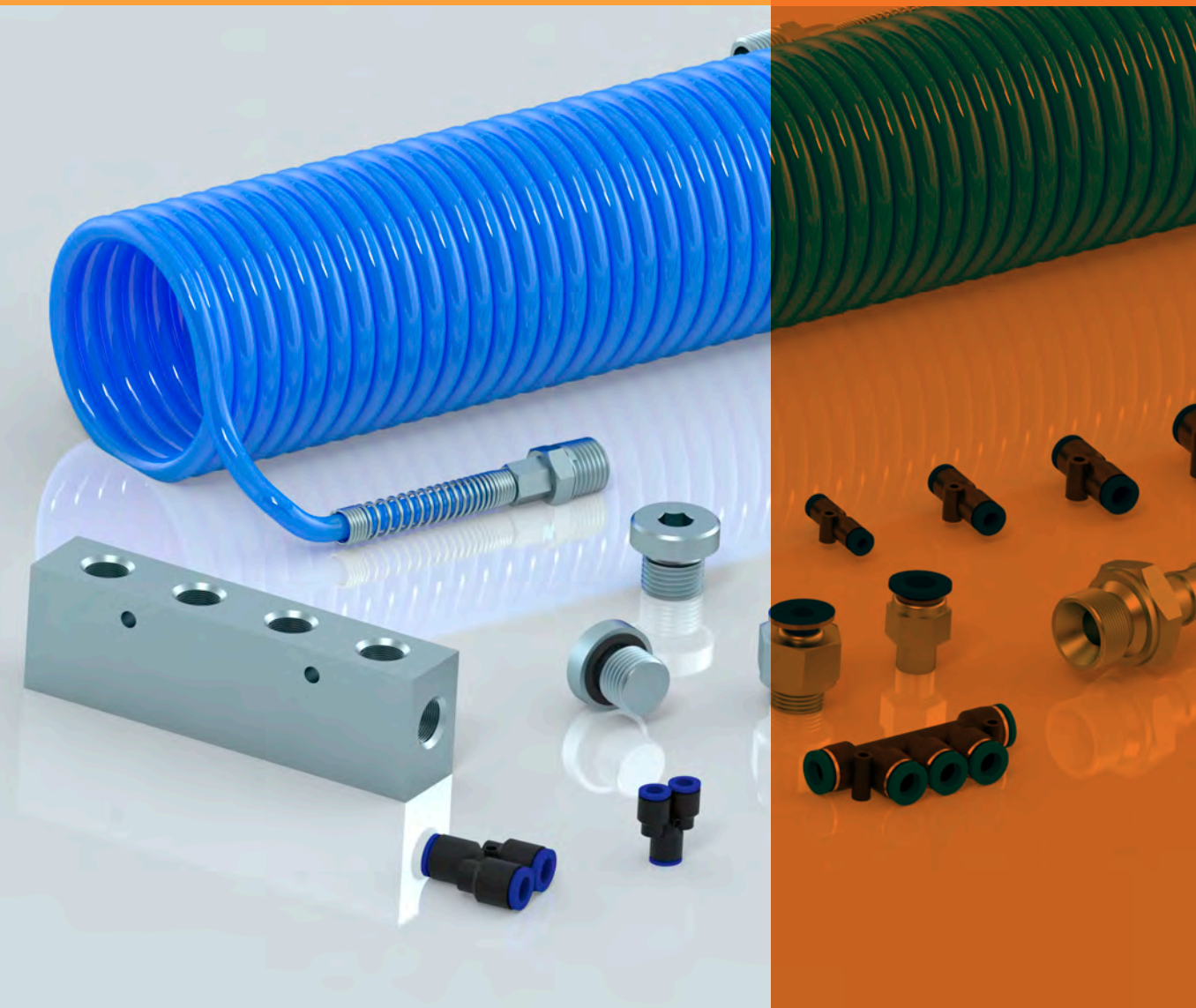
STOPFUSAE



# Pneumatic connectors

*Conducciones neumáticas*  
*Pneumatische Verbindungen*  
*Connectique pneumatique*

# TrAle®



## **TUBES AND SPRINGS**

Flexibles neumáticos  
Schläuche und Spiralschläuche  
Tubes et serpentins



## **PNEUMATIC FITTINGS**

Racores neumáticos  
Pneumatische Kupplungen  
Raccords pneumatiques



## **QUICK RELEASE PNEUMATIC COUPLINGS**

Enchufes rápidos neumáticos  
SVK  
Coupleurs pneumatiques



**POLYAMIDE AND POLYURETHANE TUBES** **386**

Tuberías de poliamida y poliuretano  
Polyamid- und Polyurethanschlauch  
Tubes de polyamide et polyuréthane

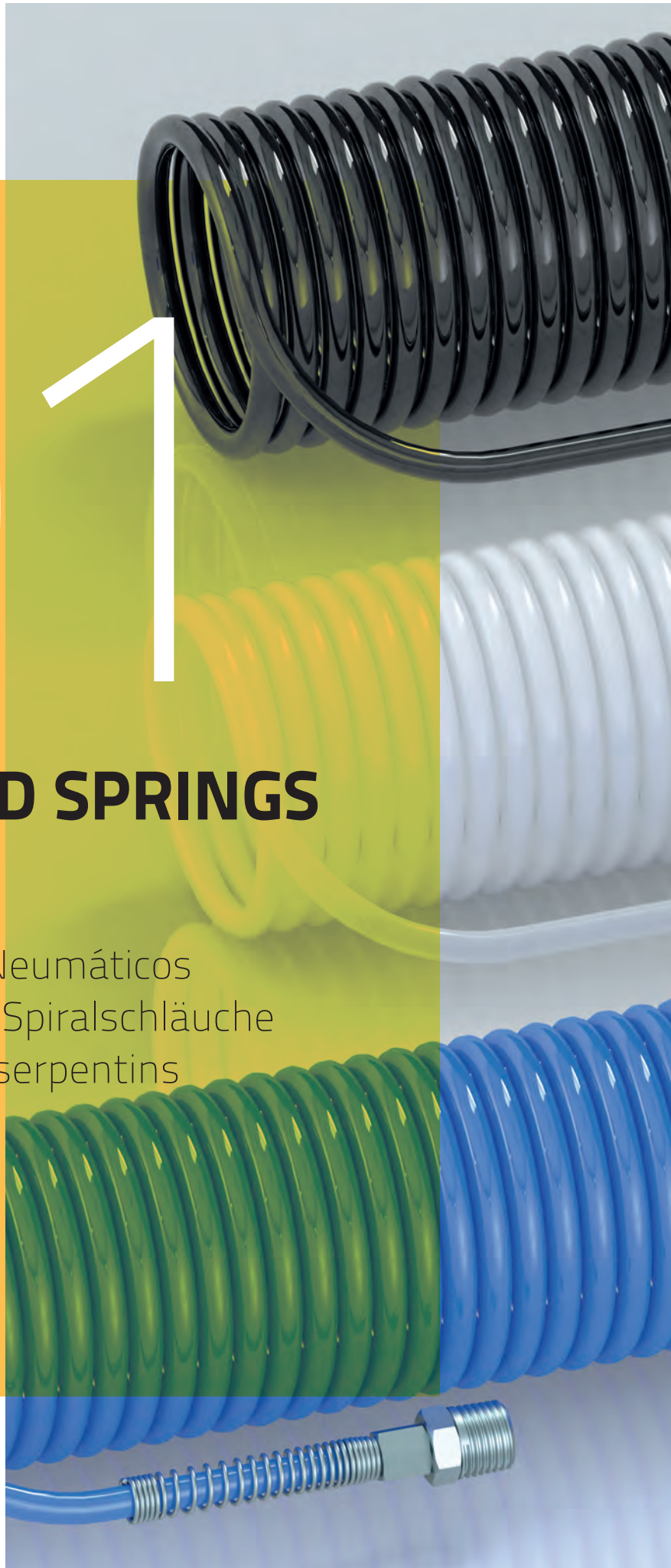
**POLYAMIDE AND POLYURETHANE SPRINGS** **387**

Espirales de poliamida y poliuretano  
Polyamid- und Polyurethan-Spiralschläuche  
Serpentins polyamide y polyuréthane

# 01

## TUBES AND SPRINGS

Flexibles Neumáticos  
Schläuche und Spiralschläuche  
Tubes et serpentins





## POLYAMIDE AND POLYURETHANE TUBES

Tuberías de poliamida y poliuretano  
Polyamid- und Polyurethanschlauch  
Tubes de polyamide et polyuréthane

PTFE without braid ▪ PTFE sin malla ▪ PTFE-Schlauch ohne Geflecht ▪ PTFE sans tresse

| 386



M2950

Natural polyamide pipe ▪ Tuberías Poliamida natural ▪ Naturfarbener Polyamidschlauch ▪ Tubes polyamide naturelle

| 386



POL...NAT

Black polyamide pipe ▪ Tuberías Poliamida negro ▪ Schwarzer Polyamidschlauch ▪ Tubes polyamide noir

| 386



POL...NE

Blue polyamide pipe ▪ Tuberías Poliamida azul ▪ Blauer Polyamidschlauch ▪ Tubes polyamide bleu

| 386



POL...AZ

Blue polyurethane pipe ▪ Tuberías Poliuretano azul ▪ Blauer Polyurethan ▪ Tubes polyuréthane bleu

| 386



PUR...AZ

## POLYAMIDE AND POLYURETHANE SPRINGS

Espirales de poliamida y poliuretano  
Polyamid- und Polyurethan-Spiralschläuche  
Serpentins polyamide y polyuréthane

Blue polyamide springs ▪ Espirales poliamida azul ▪ Spiralschläuche polyamid blau ▪ Serpentins polyamide bleu

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ESPIRPOL

Polyurethane springs without fittings ▪ Espirales poliuretano sin racores ▪ Spiralschläuche ohne Armaturen ▪ Serpentins polyuréthane sans raccords

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SPUR

Polyurethane springs with fittings swivel male BSPT ▪ Espirales poliuretano con racores macho giratorio BSPT ▪ Spiralschläuche mit Armaturen Außengewinde mit Ü-Mutter BSPT ▪ Serpentins polyuréthane avec raccords mâle tournant BSPT

387



HPUR

# POLYAMIDE AND POLYURETHANE TUBES

Tuberías de poliamida y poliuretano  
 Polyamid- und Polyurethanschlauch  
 Tubes de polyamide et polyuréthane

## PTFE without braid

PTFE sin malla  
 PTFE-Schlauch ohne Geflecht  
 PTFE sans tresse



TUBO PIPE	LONGITUD (m) LENGTH (m)	Referencia Part n°	€/ rollo
2x4 mm	25	M2950204	111,45
4x6 mm	25	M2950406	163,72
6x8 mm	25	M2950608	236,83
2x4 mm	100	M2950204-100	460,99
4x6 mm	100	M2950406-100	679,56
6x8 mm	100	M2950608-100	947,30

## Natural polyamide pipe

Tuberías Poliamida natural  
 Naturfarbener Polyamidschlauch  
 Tubes polyamide naturelle



TUBO PIPE	LONGITUD (m) LENGTH (m)	Referencia Part n°	€/ rollo
2,5x4 mm	25	POL2.5X4NAT	32,08
4x6 mm	25	POL4X6NAT	45,25
6x8 mm	25	POL6X8NAT	60,33
8x10 mm	25	POL8X10NAT	75,86
10x12 mm	25	POL10X12NAT	82,84
2,5x4 mm	100	POL2.5X4NAT-100	108,23
4x6 mm	100	POL4X6NAT-100	160,61
6x8 mm	100	POL6X8NAT-100	215,46
8x10 mm	100	POL8X10NAT-100	271,48
10x12 mm	100	POL10X12NAT-100	305,30

## Black polyamide pipe

Tuberías Poliamida negro  
 Schwarzer Polyamidschlauch  
 Tubes polyamide noir



TUBO PIPE	LONGITUD (m) LENGTH (m)	Referencia Part n°	€/ rollo
2,5x4 mm	25	POL2.5X4NE	21,64
4x6 mm	25	POL4X6NE	26,22
6x8 mm	25	POL6X8NE	35,77
8x10 mm	25	POL8X10NE	47,99
10x12 mm	25	POL10X12NE	58,54
2,5x4 mm	100	POL2.5X4NE-100	72,22
4x6 mm	100	POL4X6NE-100	91,58
6x8 mm	100	POL6X8NE-100	132,51
8x10 mm	100	POL8X10NE-100	161,59
10x12 mm	100	POL10X12NE-100	202,82

## Blue polyamide pipe

Tuberías Poliamida azul  
 Blauer Polyamidschlauch  
 Tubes polyamide bleu



TUBO PIPE	LONGITUD (m) LENGTH (m)	Referencia Part n°	€/ rollo
4x6 mm	25	POL4X6AZ	36,22
6x8 mm	25	POL6X8AZ	52,15
8x10 mm	25	POL8X10AZ	70,60
10x12 mm	25	POL10X12AZ	76,57
4x6 mm	100	POL4X6AZ-100	125,54
6x8 mm	100	POL6X8AZ-100	151,52
8x10 mm	100	POL8X10AZ-100	248,92
10x12 mm	100	POL10X12AZ-100	305,30

## Blue polyurethane pipe

Tuberías Poliuretano azul  
 Blauer Polyurethan  
 Tubes polyuréthane bleu



TUBO PIPE	LONGITUD (m) LENGTH (m)	Referencia Part n°	€/ rollo
2x4 mm	25	PUR2X4AZ	32,19
4x6 mm	25	PUR4X6AZ	46,51
6x8 mm	25	PUR6X8AZ	62,20
8x10 mm	25	PUR8X10AZ	77,54
9x12 mm	25	PUR9X12AZ	160,75
2,5x4 mm	100	PUR2.5X4AZ-100	59,89
4x6 mm	100	PUR4X6AZ-100	97,78
6x8 mm	100	PUR6X8AZ-100	148,57
6,5x10 mm	100	PUR6.5X10AZ-100	252,85
8x12 mm	100	PUR8X12AZ-100	332,40

## POLYAMIDE AND POLYURETHANE SPRINGS

Espirales de poliamida y poliuretano  
Polyamid- und Polyurethan-Spiralschläuche  
Serpentins polyamide y polyuréthane

### Blue polyamide springs

Espirales poliamida azul

Spiralschläuche Polyamid blau

Serpentins polyamide bleu



TUBO PIPE	Ø INT. Ø INNER	LONGITUD (m) LENGTH (m)	Referencia Part n°	€/ rollo
4x6 mm	50	30	ESPIRPOL4X6AZ	48,70
6x8 mm	70	30	ESPIRPOL6X8AZ	62,77
8x10 mm	85	30	ESPIRPOL8X10AZ	160,75
10x12 mm	110	30	ESPIRPOL10X12AZ	197,46

### Polyurethane springs without fittings

Espirales poliuretano sin racores

Spiralschläuche ohne Armaturen

Serpentins polyuréthane sans raccords



TUBO PIPE	Ø INT. Ø INNER	LONGITUD (m) LENGTH (m)	Referencia Part n°	€/ rollo
4x6 mm	32	5	SPUR4X6 5	6,16
4x6 mm	32	7.5	SPUR4X6 7.5	10,78
4x6 mm	32	10	SPUR4X6 10	18,10
5X8 mm	40	5	SPUR5X8 5	10,48
5X8 mm	40	7.5	SPUR5X8 7.5	19,28
5X8 mm	40	10	SPUR5X8 10	24,70
6,5x10 mm	46	5	SPUR6.5X10 5	16,23
6,5x10 mm	46	7.5	SPUR6.5X10 7.5	24,23
6,5x10 mm	46	10	SPUR6.5X10 10	32,21

### Polyurethane springs with fittings swivel male BSPT

Espirales poliuretano con racores macho giratorio  
BSPT

Spiralschläuche mit Armaturen Außengewinde mit  
Ü-Mutter BSPT

Serpentins polyuréthane avec raccords mâle  
tournant BSPT



TUBO PIPE	Ø INT. Ø INNER	LONGITUD (m) LENGTH (m)	Referencia Part n°	€/ rollo
4x6 mm	32	5	HPUR4X6 5	65,45
4x6 mm	32	7.5	HPUR4X6 7.5	75,78
4x6 mm	32	10	HPUR4X6 10	82,12
5X8 mm	40	5	HPUR5X8 5	19,45
5X8 mm	40	7.5	HPUR5X8 7.5	25,89
5X8 mm	40	10	HPUR5X8 10	30,43
6,5x10 mm	46	5	HPUR6.5X10 5	26,31
6,5x10 mm	46	7.5	HPUR6.5X10 7.5	25,86
6,5x10 mm	46	10	HPUR6.5X10 10	33,71

**PUSH-IN FITTINGS** | **395**

Conexión Push-in automático  
Einsteck-Armaturen  
Raccords Automatiques Push-in

**HOSE TAIL-M BSPT TAPERED** | **405**

Conexión con espiga  
Armatuur mit Stutzen  
Raccords avec embout

**PUSH-ON FITTINGS** | **406**

Conexión Push-on  
Aufsteck-Armaturen  
Raccords Push-on

**ADAPTORS** | **410**

Adaptador  
Adapter  
Adaptateurs

# 02

## PNEUMATIC FITTINGS

Racores neumáticos  
Pneumatische Kupplungen  
Raccords pneumatiques



# PUSH-IN FITTINGS

Conexión Push-in automático  
Einsteck-Armaturen  
Raccords Automatiques Push-in

Push-in Technopolymeric tapered fittings ▪ Racordaje tecnopolímero cónico ▪ Polymer-Einsteckverschraubungen kon. ▪ Raccords Push-in techno-polymère conique 395



PC PH PL PLL PT PST PWT PKD SCLT

Push-in Technopolymeric cylindrical fittings ▪ Racordaje tecnopolímero cilíndrico ▪ Polymer-Einsteckverschraubungen zyl. ▪ Raccords Push-in techno-polymère cylindrique 396



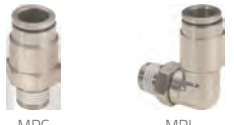
PCCI PCF PHCI PLCI 50115 SCL PTCI 50215 PSTCI  
50225

Other Push-in Technopolymeric fittings ▪ Racordaje tecnopolímero otros ▪ Andere Polymer-Einsteckverschraubungen ▪ Raccords Push-in techno-polymère - autres 398



PG/PUC 50040 PMM SCU PR PRM 50500 51410 51420  
PUL 50130 PLJ PUT 50230 PY 50310 PWJ-PYJ PZA  
PKG TAP

Metallic Push-in tapered fittings ▪ Racordaje metálico cónico ▪ Metallische Einsteck-Verschraubungen kon. ▪ Raccords Push-in métallique conique 401



MPC MPL

Metallic Push-in cylindrical fittings ▪ Racordaje metálico cilíndrico ▪ Metallische Einsteck-Verschraubungen zyl. ▪ Raccords Push-in métallique cylindrique 401



MPCCI MPFC MPHCI MPLCI MSCL MPTCI MPSTCI

Other Metallic Push-in fittings ▪ Racordaje metálico otros ▪ Andere metallische Einsteck-Verschraubungen ▪ Raccords Push-in métallique - autres 402



MPUC MPMM MPUL MPUY MPY TAP 50600

## PUSH-IN FITTINGS

Conexión Push-in automático  
Einsteck-Armaturen  
Raccords Automatiques Push-in

Stainless steel 316 Push-in tapered fittings ▪ Racordaje inoxidable 316 cónico ▪ Konische Steckfittings aus Edelstahl 316 ▪ Raccords coniques Push-in en acier inoxydable 316 | 404



ZPC



ZPL

Stainless steel 316 Push-in cylindrical fittings ▪ Racordaje inoxidable 316 cilíndrico ▪ Zylindrische Steckfittings aus Edelstahl 316 ▪ Raccords cylindrique Push-in en acier inoxydable 316 | 404



ZPCCI



ZPLCI

Other Stainless steel 316 Push-in fittings ▪ Racordaje inoxidable 316 otros ▪ Sonstige Steckfittings aus Edeltahl 316 ▪ Raccords Push-in en acier inoxydable 316 - autres | 404



ZPUC



ZPUT



## HOSE TAIL-M BSPT TAPERED

Conexión con espiga  
 Armatur mit Stutzen  
 Raccords avec embout

Tapered hose tail fittings ▪ Racordaje con espiga cónico ▪ Verschraubung mit Stutzen kon. ▪ Raccords avec embout conique

405



3040

3055

Cylindrical hose tail fittings ▪ Racordaje con espiga cilíndrico ▪ Verschraubung mit Stutzen zyl. ▪ Raccords avec embout cilindrique

405



3045

3050

3045A

## PUSH-ON FITTINGS

Conexión Push-on  
Aufsteck-Armaturen  
Raccords Push-on

Push-on fittings without spring ▪ Conexión Push-on sin espiral ▪ Aufsteck-Armaturen ohne Feder ▪ Raccords Push-on sans spirale

406



Push-on fittings with nut and spring ▪ Conexión Push-on con muelle ▪ Aufsteck-Armaturen mit Feder ▪ Raccords Push-on avec ressort

409



## ADAPTORS

Adaptador  
Adapter  
Adaptateurs

Straight adaptors ▪ Adaptadores Rectos ▪ Gerade Adapter ▪ Adaptateurs droits | 410



Plugs ▪ Tapones ▪ Stopfen ▪ Bouchons | 412



Elbow forge ▪ Forja en codo ▪ W-Guss-Stück ▪ Forges en coude | 413



Forge in T ▪ Forja en T ▪ T-Guss-Stück ▪ Forges en T | 413



Forge in Cross and Y ▪ Forja en Cruz e Y ▪ Kreuz- und Y-Guss-Stück ▪ Forges en Croix et Y | 414



Squares ▪ Tacos ▪ Blöcke ▪ Nourrices de distribution | 414



## PUSH-IN FITTINGS

Conexión Push-in automático  
Einsteck-Armaturen  
Raccords Automatiques Push-in

### Push-in Pol. - M BSPT tapered/M metric

Auto. Pol.-M BSPT cónico/M métrico

Steckverb. Polyamid - m BSPT kon./ m metr.

Push-in Pol. - M BSPT conique /M métrique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	PC 0401	0,85
4 mm	1/4"	PC 0402	1,21
4 mm	M5	PC 04M5	0,80
6 mm	1/8"	PC 0601	1,04
6 mm	1/4"	PC 0602	1,30
6 mm	3/8"	PC 0603	1,83
8 mm	1/8"	PC 0801	1,31
8 mm	1/4"	PC 0802	1,39
8 mm	3/8"	PC 0803	1,88
8 mm	1/2"	PC 0804	3,21
10 mm	1/8"	PC 1001	1,87
10 mm	1/4"	PC 1002	2,13
10 mm	3/8"	PC 1003	2,06
10 mm	1/2"	PC 1004	3,07
12 mm	1/4"	PC 1202	2,89
12 mm	3/8"	PC 1203	2,95
12 mm	1/2"	PC 1204	3,64

### Push-in Pol. - elbow banjo M BSPT tapered

Auto. Pol.-codo orientable M BSPT cónico

W-Steckverb. Polyamid - einstellbar m BSPT kon.

Push-in Pol. - coudé ajustable M BSPT conique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	PH 0401	1,76
6 mm	1/8"	PH 0601	1,97
6 mm	1/4"	PH 0602	2,67
8 mm	1/8"	PH 0801	2,04
8 mm	1/4"	PH 0802	4,61
8 mm	3/8"	PH 0803	4,03
10 mm	1/4"	PH 1002	2,82
10 mm	3/8"	PH 1003	4,54

### Push-in Pol. - elbow adjustable M BSPT tapered

Auto. Pol.-codo giratorio M BSPT cónico

W-Steckverb. Polyamid drehbar m BSPT kon.

Push-in Pol. - coudé tournant M BSPT conique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	PL 0401	1,06
4 mm	1/4"	PL 0402	1,55
6 mm	1/8"	PL 0601	1,31
6 mm	1/4"	PL 0602	1,65
6 mm	3/8"	PL 0603	2,15
8 mm	1/8"	PL 0801	1,80
8 mm	1/4"	PL 0802	1,97
8 mm	3/8"	PL 0803	2,34
10 mm	1/4"	PL 1002	2,67
10 mm	3/8"	PL 1003	2,82
10 mm	1/2"	PL 1004	3,98
12 mm	3/8"	PL 1203	3,95
12 mm	1/2"	PL 1204	4,19

### Push-in Pol. - elbow adjustable extensor M BSPT tapered

Auto. Pol.-codo giratorio prolongado M BSPT cónico

W-Steckverb. Polyamid drehbar verlängert m BSPT kon.

Push-in Pol. - coudé tournant prolongé M BSPT conique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	PLL 0401	1,56
4 mm	1/4"	PLL 0402	2,37
6 mm	1/8"	PLL 0601	2,10
6 mm	1/4"	PLL 0602	2,59
8 mm	1/8"	PLL 0801	2,71
8 mm	3/8"	PLL 0803	3,58
10 mm	1/4"	PLL 1002	4,88

### Push-in Pol. - Tee central adjustable M BSPT tapered

Auto. Pol.-T central giratorio M BSPT cónico

T-Steckverb. Polyamid zentr. m BSPT kon.

Push-in Pol. - T central tournant M BSPT conique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	PT 0401	1,49
6 mm	1/8"	PT 0601	1,80
6 mm	1/4"	PT 0602	2,15
8 mm	1/8"	PT 0801	2,18
8 mm	1/4"	PT 0802	2,35
10 mm	1/4"	PT 1002	3,60
10 mm	3/8"	PT 1003	3,33
12 mm	3/8"	PT 1203	4,58
12 mm	1/2"	PT 1204	3,96

### Push-in Pol. - Tee lateral adjustable M BSPT tapered

Auto. Pol.-T lateral giratorio M BSPT cónico

T-Steckverb. Polyamid seitr. m BSPT kon.

Push-in Pol. - T lateral tournant M BSPT conique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	PST 0401	1,49
6 mm	1/8"	PST 0601	1,77
6 mm	1/4"	PST 0602	2,15
8 mm	1/8"	PST 0801	2,24
8 mm	1/4"	PST 0802	2,44
10 mm	1/4"	PST 1002	3,04
10 mm	3/8"	PST 1003	3,15
12 mm	3/8"	PST 1203	4,49
12 mm	1/2"	PST 1204	4,56

## PUSH-IN FITTINGS

Conexión Push-in automático  
Einsteck-Armaturen  
Raccords Automatiques Push-in

### Push-in Pol. - Y central M BSPT tapered/M metric

Auto. Pol.-Y central M BSPT cónico/M métrico

Y-Steckverb. Polyamid zentral - m BSPT kon./ m metr.

Push-in Pol. - Y central M BSPT conique /M métrique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	PWT 0401	1,85
4 mm	1/4"	PWT 0402	2,44
4 mm	M5	PWT 04M5	1,54
6 mm	1/8"	PWT 0601	2,04
6 mm	1/4"	PWT 0602	2,37
8 mm	1/8"	PWT 0801	2,56
8 mm	1/4"	PWT 0802	2,55
10 mm	1/4"	PWT 1002	4,00
10 mm	3/8"	PWT 1003	4,21
12 mm	3/8"	PWT 1203	5,73
12 mm	1/2"	PWT 1204	5,96

### Push-in Pol.-multiple union M BSPT tapered

Auto. Pol.-múltiple intermedio M BSPT cónico

Mehrfach-Steckverb. Polyamid m BSPT kon.

Push-in Pol.-intermédiaire multiple M BSPTconique



TUBO (LAT) PIPE (LAT)	TUBO (CENT) PIPE (CENT)	ROSCA THREAD	Referencia Part n°	€
6 mm	4 mm	1/8"	PKD 060401	3,97
8 mm	4 mm	1/4"	PKD 080402	4,48
8 mm	6 mm	1/4"	PKD 080602	4,48
10 mm	8 mm	3/8"	PKD 100803	6,49

### Push-in Pol. - elbow speed controller for cylinder M BSPT tapered

Auto. Pol.-codo microrregulador p/cilindro M BSPT cónico

W-Steckverb. Polyamid - Drehzahlregler für Zylinder m BSPT kon.

Push-in Pol. - coudé micro-régulateur M BSPT conique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	SCLT 0401	4,66
4 mm	1/4"	SCLT 0402	6,17
6 mm	1/4"	SCLT 0602	5,33
6 mm	3/8"	SCLT 0603	8,75
8 mm	1/8"	SCLT 0801	4,89
8 mm	1/4"	SCLT 0802	5,22
8 mm	3/8"	SCLT 0803	9,30
10 mm	1/4"	SCLT 1002	5,90
10 mm	3/8"	SCLT 1003	9,49
12 mm	1/4"	SCLT 1202	6,53

### Push-in Pol. - M BSP parallel/M metric w/o'ring

Auto. Pol.-M BSP cilíndrico/M métrico c/junta

Steckverb. Polyamid - m BSP zyl./ m metr.

Push-in Pol. - coude tournant M BSP cylindrique /M métrique avec o'ring



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	PCCI 0401	0,94
4 mm	1/4"	PCCI 0402	1,48
4 mm	M5	PCCI 04M5	0,91
6 mm	1/8"	PCCI 0601	1,17
6 mm	1/4"	PCCI 0602	1,44
6 mm	3/8"	PCCI 0603	1,93
8 mm	1/8"	PCCI 0801	1,48
8 mm	1/4"	PCCI 0802	1,38
8 mm	3/8"	PCCI 0803	1,88
10 mm	1/4"	PCCI 1002	2,11
10 mm	3/8"	PCCI 1003	2,26
10 mm	1/2"	PCCI 1004	3,11
12 mm	1/4"	PCCI 1202	3,38
12 mm	3/8"	PCCI 1203	3,60
12 mm	1/2"	PCCI 1204	4,01

### Push-in Pol. - F BSP parallel

Auto. Pol.-H BSP cilíndrico

Steckverb. Polyamid - w BSP zyl.

Push-in Pol. - F BSP cylindrique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	PCF 0401	1,33
6 mm	1/8"	PCF 0601	1,44
6 mm	1/4"	PCF 0602	1,96
8 mm	1/8"	PCF 0801	1,53
8 mm	1/4"	PCF 0802	1,95
8 mm	3/8"	PCF 0803	2,93
10 mm	1/4"	PCF 1002	2,24
12 mm	3/8"	PCF 1203	3,11

### Push-in Pol. - elbow banjo M BSP parallel/M metric w/o'ring

Auto. Pol.-codo orientable M BSP cilíndrico/M métrico c/junta

W-Steckverb. Polyamid - einstellbar m BSP zyl. / m metr.

Push-in Pol. - coudé orientable M BSP cylindrique /M métrique avec o'ring



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	PHCI 0401	2,49
4 mm	M5	PHCI 04M5	1,76
6 mm	1/8"	PHCI 0601	3,54
6 mm	1/4"	PHCI 0602	5,07
8 mm	1/8"	PHCI 0801	2,54
8 mm	1/4"	PHCI 0802	4,08
8 mm	3/8"	PHCI 0803	6,06
10 mm	3/8"	PHCI 1003	5,18

## PUSH-IN FITTINGS

Conexión Push-in automático  
Einsteck-Armaturen  
Raccords Automatiques Push-in

### Push-in Pol. - elbow adjustable M BSP parallel/M metric w/o'ring

Auto. Pol.-codo giratorio M BSP cilíndrico/M métrico c/junta

W-Steckverb. Polyamid drehbar m BSP zyl./ m metr.

Push-in Pol. - coude tournant M BSP cilindrique /M métrique avec o'ring



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	PLCI 0401	1,10
4 mm	1/4"	PLCI 0402	1,61
4 mm	M5	PLCI 04M5	1,06
6 mm	1/8"	PLCI 0601	1,45
6 mm	1/4"	PLCI 0602	1,78
6 mm	3/8"	PLCI 0603	2,36
6 mm	M5	PLCI 06M5	1,31
8 mm	1/8"	PLCI 0801	1,71
8 mm	1/4"	PLCI 0802	2,29
8 mm	3/8"	PLCI 0803	2,54
10 mm	1/4"	PLCI 1002	3,07
10 mm	3/8"	PLCI 1003	3,00
10 mm	1/2"	PLCI 1004	3,92
12 mm	1/4"	PLCI 1202	4,53
12 mm	3/8"	PLCI 1203	4,51
12 mm	1/2"	PLCI 1204	4,16

### Push-in Pol. - elbow adjustable metallic body M BSP parallel/M metric w/o'ring

Auto. Pol.-codo giratorio cuerpo metálico M BSP cilíndrico/M métrico c/junta

W-Steckverb. Polyamid drehbar - Metallkörper m BSP zyl. / m metr.

Push-in Pol. - coude tournant corps métallique M BSP cilindrique /M métrique avec o'ring



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	50115 4 1/8	5,44
4 mm	M5	50115 4 M5	5,66
6 mm	1/8"	50115 6 1/8	5,54
6 mm	1/4"	50115 6 1/4	5,98
6 mm	M5	50115 6 M5	5,66
8 mm	1/8"	50115 8 1/8	6,58
8 mm	1/4"	50115 8 1/4	6,05
8 mm	3/8"	50115 8 3/8	8,33
10 mm	1/4"	50115 10 1/4	8,71
10 mm	3/8"	50115 10 3/8	9,25
10 mm	1/2"	50115 10 1/2	10,99
12 mm	3/8"	50115 12 3/8	11,17
12 mm	1/2"	50115 12 1/2	12,46

### Push-in Pol. - elbow speed controller for cylinder M BSP parallel/M metric

Auto. Pol.-codo microrregulador p/cilindro M BSP cilíndrico/M métrico

W-Steckverb. Polyamid - Drehzahlregler für Zylinder m BSP m metr.

Push-in Pol. - coude micro-regulateur M BSP cilindrique /M métrique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	SCL 0401	4,34
4 mm	1/4"	SCL 0402	4,87
4 mm	M5	SCL 04M5	3,83
6 mm	1/8"	SCL 0601	5,16
6 mm	1/4"	SCL 0602	5,40
6 mm	3/8"	SCL 0603	8,27
6 mm	M5	SCL 06M5	4,13
8 mm	1/8"	SCL 0801	5,16
8 mm	1/4"	SCL 0802	5,40
8 mm	3/8"	SCL 0803	8,62
10 mm	1/4"	SCL 1002	5,90
10 mm	3/8"	SCL 1003	8,71
12 mm	1/4"	SCL 1202	5,71
12 mm	3/8"	SCL 1203	8,81
12 mm	1/2"	SCL 1204	12,56

### Push-in Pol. - Tee central adjustable M BSP parallel w/o'ring

Auto. Pol.-T central giratorio M BSP cilíndrico c/junta

T-Steckverb. Polyamid zentr. m BSP zyl.

Push-in Pol. - T central tournant M BSP cilindrique avec o'ring



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	PTCI 0401	1,45
6 mm	1/8"	PTCI 0601	2,11
8 mm	1/8"	PTCI 0801	2,23
8 mm	3/8"	PTCI 0803	2,73
10 mm	1/4"	PTCI 1002	4,38
10 mm	3/8"	PTCI 1003	9,77
12 mm	3/8"	PTCI 1203	5,33
4 mm	M5	PTCI 04M5	1,43
6 mm	M5	PTCI 06M5	1,77

### Push-in Pol. - Tee central adjustable metallic body M BSP parallel w/o'ring

Auto. Pol.-T central giratorio cuerpo metálico M BSP cilíndrico c/junta

T-Steckverb. zentr. Polyamid Metallkörper m BSP zyl.

Push-in Pol. - T central tournant corps métallique M BSP cilindrique avec o'ring



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	50215 4 1/8	6,10
4 mm	1/4"	50215 4 1/4	8,62
6 mm	1/8"	50215 6 1/8	7,97
6 mm	1/4"	50215 6 1/4	8,47
8 mm	1/8"	50215 8 1/8	9,72
8 mm	1/4"	50215 8 1/4	8,72
10 mm	1/4"	50215 10 1/4	12,87
10 mm	3/8"	50215 10 3/8	13,39
12 mm	3/8"	50215 12 3/8	14,89
12 mm	1/2"	50215 12 1/2	16,91

## PUSH-IN FITTINGS

Conexión Push-in automático  
Einsteck-Armaturen  
Raccords Automatiques Push-in

### Push-in Pol. - T lateral adjustable M BSP parallel w/o'ring

Auto. Pol.-T lateral giratorio M BSP cilíndrico c/ junta

T-Steckverb. Polyamid seitl. m BSP zyl.

Push-in Pol. - T lateral tournant M BSP cylindrique avec o'ring



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	PSTCI 0401	5,58
6 mm	1/8"	PSTCI 0601	5,64
6 mm	1/4"	PSTCI 0602	6,02
8 mm	1/8"	PSTCI 0801	6,87
8 mm	1/4"	PSTCI 0802	3,55
10 mm	1/4"	PSTCI 1002	9,59
10 mm	3/8"	PSTCI 1003	9,94
12 mm	3/8"	PSTCI 1203	10,77

### Push-in Pol. - T lateral adjustable metallic body M BSP parallel w/o'ring

Auto. Pol.-T lateral giratorio cuerpo metálico M BSP cilíndrico c/junta

T-Steckverb. seitl. Polyamid Metallkörper m BSP zyl.

Push-in Pol. - T lateral tournant corps métallique M BSP cylindrique avec o'ring



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	50225 4 1/8	7,93
6 mm	1/8"	50225 6 1/8	6,99
6 mm	1/4"	50225 6 1/4	8,47
8 mm	1/8"	50225 8 1/8	9,72
8 mm	1/4"	50225 8 1/4	9,94
10 mm	1/4"	50225 10 1/4	12,87
10 mm	3/8"	50225 10 3/8	13,63
12 mm	3/8"	50225 12 3/8	14,36

### Push-in Pol.-union

Auto. Pol.-intermedio

Gerade Steckverb. Polyamid

Push-in technopolymère - Union à piquage



TUBO PIPE	TUBO PIPE	Referencia Part n°	€
6 mm	4 mm	PG 0604	0,85
8 mm	6 mm	PG 0806	1,21
10 mm	8 mm	PG 1008	1,30
12 mm	10 mm	PG 1210	1,72
4 mm	4 mm	PUC 04	0,82
6 mm	6 mm	PUC 06	0,90
8 mm	8 mm	PUC 08	0,98
10 mm	10 mm	PUC 10	1,23
12 mm	12 mm	PUC 12	1,51

### Push-in Pol.-union metallic body

Auto. Pol.-intermedio cuerpo metálico

Gerade Steckverb. Polyamid Metallkörper

Push-in technopolymère - Piquage corps métallique



TUBO PIPE	Referencia Part n°	€
4 mm	50040 4	2,87
6 mm	50040 6	3,27
8 mm	50040 8	3,81
10 mm	50040 10	6,15
12 mm	50040 12	8,00

### Push-in Pol.-union bulkhead w/metric nut

Auto. Pol.-intermedio pasatabique tuerca métrica

Gerade Schott-Steckverb. Polyamid metr. Mutter

Push-in technopolymère -Piquage passe-cloison métrique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	M12x1	PMM 04	2,66
6 mm	M14x1	PMM 06	2,76
8 mm	M16x1	PMM 08	3,14
10 mm	M20x1	PMM 10	5,04
12 mm	M22x1	PMM 12	6,28

### Push-in Pol.-unidirectional straight speed controller

Auto. Pol.-regulador en línea unidireccional

Steckverb. Polyamid gerade - Drehzahlregler

Push-in technopolymère -Régulateur de débit en ligne unidirectionnel



TUBO PIPE	Referencia Part n°	€
4 mm	SCU 04	4,77
6 mm	SCU 06	5,30
8 mm	SCU 08	5,79
10 mm	SCU 10	8,16

### Push-in Pol.-plug-in reducer

Auto. Pol.-reductor insertable

Gerade Steckverb. reduzierend

Push-in technopolymère - Piquage de réduction



TUBO (INSERT) PIPE (INSERT)	TUBO PIPE	Referencia Part n°	€
6 mm	4 mm	PR 0604	1,02
8 mm	4 mm	PR 0804	0,93
8 mm	6 mm	PR 0806	1,02
10 mm	6 mm	PR 1006	1,12
10 mm	8 mm	PR 1008	1,31
12 mm	8 mm	PR 1208	1,77
12 mm	10 mm	PR 1210	1,86

## PUSH-IN FITTINGS

Conexión Push-in automático  
Einsteck-Armaturen  
Raccords Automatiques Push-in

### Push-in Pol.-plug-in reducer metallic body

Auto. Pol.-reductor insertable cuerpo metálico

Gerade Steckverb. reduzierend Metall Körper

Push-in technopolymère - Piquage de réduction corps métallique



TUBO (INSERT) PIPE (INSERT)	TUBO PIPE	Referencia Part n°	€
6 mm	4 mm	PRM 0604	1,86
8 mm	4 mm	PRM 0804	2,00
8 mm	6 mm	PRM 0806	2,00
10 mm	6 mm	PRM 1006	2,22
10 mm	8 mm	PRM 1008	2,25
12 mm	8 mm	PRM 1208	2,67
12 mm	10 mm	PRM 1210	2,67

### Push-in Pol.-banjo body metallic body

Auto. Pol.-cuerpo orientable metálico

Steckverb. Polyamid - Metallkörper einstellbar

Push-in technopolymère - Corps orientable métallique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	M5	50500 4 M5	4,56
4 mm	M6	50500 4 M6	4,56
4 mm	1/2"	50500 4 1/8	4,70
6 mm	M5	50500 6 M5	4,70
6 mm	M6	50500 6 M6	4,70
6 mm	1/8"	50500 6 1/8	4,91
6 mm	1/4"	50500 6 1/4	5,29
8 mm	1/8"	50500 8 1/8	5,48
8 mm	1/4"	50500 8 1/4	5,74
8 mm	3/8"	50500 8 3/8	6,49
10 mm	1/4"	50500 10 1/4	6,51
10 mm	3/8"	50500 10 3/8	7,12
12 mm	3/8"	50500 12 3/8	9,04
12 mm	1/2"	50500 12 1/2	11,03

### Simple banjo bolt M BSP parallel/M metric

Tornillo orientable simple M BSP cilíndrico/M métrico

Einfache Hohlschraube BSP für Ringauge m BSP zyl/M metr

Vis pour banjo simple M BSP cil./ M Métrique



ROSCA THREAD	Referencia Part n°	€
M5	51410 M5	1,82
M6	51410 M6	1,97
M12	51410 M12	3,12
1/8"	51410 1/8	2,37
1/4"	51410 1/4	3,02
3/8"	51410 3/8	4,38
1/2"	51410 1/2	7,75

### Double banjo bolt M BSP parallel

Tornillo orientable doble M cilíndrico BSP

Doppelte Hohlschraube für Ringauge m BSP zyl

Vis pour banjo double M BSP cil.



ROSCA THREAD	Referencia Part n°	€
1/8"	51420 1/8	3,31
1/4"	51420 1/4	4,75
3/8"	51420 3/8	7,16
1/2"	51420 1/2	10,98

### Push-in Pol.-elbow union

Auto. Pol.-codo intermedio

W-Steckverb. Polyamid, Zwischenstück

Push-in technopolymère - Coude d'union à piquage



TUBO PIPE	Referencia Part n°	€
4 mm	PUL 04	0,78
6 mm	PUL 06	0,76
8 mm	PUL 08	0,97
10 mm	PUL 10	1,23
12 mm	PUL 12	1,72

### Push-in Pol.-elbow union metallic body

Auto. Pol.-codo intermedio cuerpo metálico

W-Steckverb. Polyamid, Zwischenstück

Push-in technopolymère - Piquage coude corps métallique



TUBO PIPE	Referencia Part n°	€
4 mm	50130 4	5,70
6 mm	50130 6	5,07
8 mm	50130 8	6,76
10 mm	50130 10	8,35
12 mm	50130 12	10,94

### Push-in Pol.-elbow plug-in

Auto. Pol.-codo insertable

W-Steckverb. einsteckbar

Push-in technopolymère - Coude à piquage lisse



TUBO PIPE	TUBO PIPE	Referencia Part n°	€
4 mm	4 mm	PLJ 04	1,74
6 mm	6 mm	PLJ 06	2,38
8 mm	8 mm	PLJ 08	2,68
10 mm	10 mm	PLJ 10	3,04
12 mm	12 mm	PLJ 12	4,23



## PUSH-IN FITTINGS

Conexión Push-in automático  
Einsteck-Armaturen  
Raccords Automatiques Push-in

### Push-in Pol.-Tee union

Auto. Pol.-T intermedio

T-Steckverb., Zwischenstück

Push-in technopolymère - Piquage en Té



TUBO PIPE	Referencia Part n°	€
4 mm	PUT 04	1,06
6 mm	PUT 06	1,06
8 mm	PUT 08	1,19
10 mm	PUT 10	1,59
12 mm	PUT 12	2,21

### Push-in Pol.-Tee union metallic body

Auto. Pol.-T intermedio cuerpo metálico

T-Steckverb, Zwischenstück. Polyamid Metallkörper

Push-in technopolymère - Té à piquage



TUBO PIPE	Referencia Part n°	€
4 mm	50230 4	7,81
6 mm	50230 6	6,60
8 mm	50230 8	8,41
10 mm	50230 10	12,46
12 mm	50230 12	14,88

### Push-in Pol.-Y union

Auto. Pol.-Y intermedio

Y-Steckverb. Polyamid, Zwischenstück

Push-in technopolymère - Piquage en Y



TUBO PIPE	Referencia Part n°	€
4 mm	PY 04	0,91
6 mm	PY 06	1,23
8 mm	PY 08	1,20
10 mm	PY 10	1,69
12 mm	PY 12	2,17

### Push-in Pol.-Y union metallic body

Auto. Pol.-Y intermedio cuerpo metálico

Y-Steckverb. Polyamid Metallkörper, Zwischenstück

Push-in technopolymère - Piquage en Y



TUBO PIPE	Referencia Part n°	€
4 mm	50310 4	11,03
6 mm	50310 6	11,44
8 mm	50310 8	12,92

### Push-in Pol.-Y central plug-in

Auto. Pol.-Y central insertable

Y-Steckverb. Polyamid plug-in

Push-in technopolymère -Piquage en Y simple lisse



TUBO (INSERT) PIPE (INSERT)	TUBO PIPE	Referencia Part n°	€
6 mm	4 mm	PWJ 0604	1,99
8 mm	6 mm	PWJ 0806	2,99
10 mm	8 mm	PWJ 1008	3,43
12 mm	10 mm	PWJ 1210	4,81
4 mm	4 mm	PYJ 04	2,49
6 mm	6 mm	PYJ 06	2,70
8 mm	8 mm	PYJ 08	3,09
10 mm	10 mm	PYJ 10	3,78
12 mm	12 mm	PYJ 12	4,87

### Push-in Pol.-cross union

Auto. Pol.-cruz intermedio

Kreuz-Steckverb. Polyamid

Push-in technopolymère -Croix à piquage



TUBO PIPE	Referencia Part n°	€
4 mm	PZA 04	1,68
6 mm	PZA 06	2,04
8 mm	PZA 08	2,21
10 mm	PZA 10	3,11
12 mm	PZA 12	4,34

### Push-in Pol.-Multiple union

Auto. Pol.-múltiple intermedio

Mehrfach-Steckverb. Polyamid

Push-in technopolymère -Piquage multiple



TUBO (LAT) PIPE (LAT)	TUBO PIPE	Referencia Part n°	€
6 mm	4 mm	PKG 0604	2,44
8 mm	4 mm	PKG 0804	2,90
10 mm	6 mm	PKG 1006	3,98
10 mm	8 mm	PKG 1008	3,98

### Plug-in for push-in

Tapón insertable para automático

Verschlussstopfen für Steckverbinder

Piquage bouchon



TUBO PIPE	Referencia Part n°	€
4 mm	TAP 04	0,40
6 mm	TAP 06	0,51
8 mm	TAP 08	0,60
10 mm	TAP 10	0,63
12 mm	TAP 12	0,92

## PUSH-IN FITTINGS

Conexión Push-in automático  
Einsteck-Armaturen  
Raccords Automatiques Push-in

### Push-in Met.-M BSPT tapered

Auto. Met.-M BSPT cónico

Steckverb. Metall - m BSPT kon.

Push-in métallique - M BSPT conique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	MPC 0401	2,25
4 mm	1/4"	MPC 0402	2,34
6 mm	1/8"	MPC 0601	2,29
6 mm	1/4"	MPC 0602	2,58
6 mm	3/8"	MPC 0603	3,19
8 mm	1/8"	MPC 0801	2,70
8 mm	1/4"	MPC 0802	2,52
8 mm	3/8"	MPC 0803	3,26
10 mm	1/8"	MPC 1001	3,76
10 mm	1/4"	MPC 1002	4,02
10 mm	3/8"	MPC 1003	4,12
10 mm	1/2"	MPC 1004	5,86

### Push-in Met.-elbow adjustable M BSPT tapered

Auto. Met.-codo giratorio M BSPT cónico

W-Steckverb. Metall drehbar m BSPT kon.

Push-in métallique - Coude orientable M BSPT conique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	MPL 0401	4,00
4 mm	1/4"	MPL 0402	4,17
6 mm	1/8"	MPL 0601	5,34
6 mm	1/4"	MPL 0602	5,54
8 mm	1/8"	MPL 0801	6,28
8 mm	1/4"	MPL 0802	6,78
8 mm	3/8"	MPL 0803	6,72
10 mm	1/4"	MPL 1002	7,82
10 mm	3/8"	MPL 1003	8,38
10 mm	1/2"	MPL 1004	9,57

### Push-in Met.-M BSP parallel/M metric w/o'ring

Auto. Met.-M BSP cilíndrico/M métrico c/junta

Steckverb. Metall - m BSP zyl. / m metr.

Push-in mét. - Piquage droit mâle BSP cylindrique/  
M métrique avec o'ring



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	M5	MPCCI 04M5	2,22
4 mm	1/8"	MPCCI 0401	2,32
4 mm	1/4"	MPCCI 0402	2,34
6 mm	1/8"	MPCCI 0601	2,37
6 mm	1/4"	MPCCI 0602	2,46
6 mm	3/8"	MPCCI 0603	3,19
8 mm	1/8"	MPCCI 0801	2,51
8 mm	1/4"	MPCCI 0802	2,52
8 mm	3/8"	MPCCI 0803	3,52
10 mm	1/4"	MPCCI 1002	3,76
10 mm	3/8"	MPCCI 1003	3,98
10 mm	1/2"	MPCCI 1004	5,58
12 mm	1/4"	MPCCI 1202	4,69
12 mm	3/8"	MPCCI 1203	5,29
12 mm	1/2"	MPCCI 1204	5,61

### Push-in Met.-F BSP parallel

Auto. Met.-H BSP cilíndrico

Steckverb. Metall - W BSP zyl.

Push-in mét. - Piquage droit femelle BSP  
cylindrique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	MPCF 0401	2,84
6 mm	1/8"	MPCF 0601	2,96
6 mm	1/4"	MPCF 0602	3,19
8 mm	1/8"	MPCF 0801	3,29
8 mm	1/4"	MPCF 0802	3,26
10 mm	1/4"	MPCF 1002	3,88
12 mm	3/8"	MPCF 1203	6,10

### Push-in Met.-elbow banjo M BSP parallel w/o'ring

Auto. Met.-codo orientable M BSP cilíndrico c/junta

W-Steckverb. Metall einstellbar m BSP zyl.

Push-in mét. - Coude orientable M BSP cylindrique  
avec o'ring



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6 mm	1/8"	MPHCI 0601	6,29
8 mm	1/4"	MPHCI 0802	9,27
10 mm	1/4"	MPHCI 1002	9,52

### Push-in Met.-elbow adjustable M BSP parallel/M metric w/o'ring

Auto. Met.-codo giratorio M BSP cilíndrico/M  
métrico c/junta

W-Steckverb. Metall drehbar m BSP zyl. / m metr.

Push-in mét. - Coude orientable M BSP cylindrique  
/ M métrique avec o'ring



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	M5	MPLCI 04M5	3,79
4 mm	1/8"	MPLCI 0401	3,91
4 mm	1/4"	MPLCI 0402	4,17
6 mm	1/8"	MPLCI 0601	5,50
6 mm	1/4"	MPLCI 0602	5,54
6 mm	3/8"	MPLCI 0603	5,93
8 mm	1/8"	MPLCI 0801	6,48
8 mm	1/4"	MPLCI 0802	6,70
8 mm	3/8"	MPLCI 0803	6,99
10 mm	1/4"	MPLCI 1002	8,07
10 mm	3/8"	MPLCI 1003	8,64
12 mm	1/4"	MPLCI 1202	9,89
12 mm	3/8"	MPLCI 1203	10,26
12 mm	1/2"	MPLCI 1204	11,75

## PUSH-IN FITTINGS

Conexión Push-in automático  
Einsteck-Armaturen  
Raccords Automatiques Push-in

### Push-in Met.-elbow speed controller for cylinder M BSP parallel w/o'ring

Auto. Met.-codo microrregulador p/cilindro M BSP cilíndrico c/junta

W-Steckverb. Metall - Drehzahlregler für Zylinder m BSP zyl.

Push-in mét. - Microrégulateur pour vérins cylindrique M BSP cylindrique avec o'ring



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	MSCL 0401	10,61
4 mm	1/4"	MSCL 0402	13,89
6 mm	1/8"	MSCL 0601	10,61
6 mm	1/4"	MSCL 0602	13,89
6 mm	3/8"	MSCL 0603	17,66
8 mm	1/8"	MSCL 0801	10,61
8 mm	1/4"	MSCL 0802	15,30
8 mm	3/8"	MSCL 0803	23,04
10 mm	1/4"	MSCL 1002	15,30

### Push-in Met.-Tee central adjustable M BSP parallel w/o'ring

Auto. Met.-T central giratorio M BSP cilíndrico c/junta

T-Steckverb. Metall zentral drehbar m BSP zyl.

Push-in mét. - Té à piquage mâle tournant central BSP cylindrique avec o'ring



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	MPTCI 0401	5,54
6 mm	1/8"	MPTCI 0601	6,65
6 mm	1/4"	MPTCI 0602	7,73
8 mm	1/8"	MPTCI 0801	9,06
8 mm	1/4"	MPTCI 0802	9,02
8 mm	3/8"	MPTCI 0803	9,79
10 mm	1/4"	MPTCI 1002	10,99
10 mm	3/8"	MPTCI 1003	11,72
12 mm	3/8"	MPTCI 1203	12,61

### Push-in Met.-Tee lateral adjustable M BSP parallel w/o'ring

Auto. Met.-T lateral giratorio M BSP cilíndrico c/junta

T-Steckverb. Metall seitl. drehbar m BSP zyl.

Push-in mét. - Té à piquage mâle tournant latéral BSP cylindrique avec o'ring



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	MPSTCI 0401	5,31
4 mm	1/4"	MPSTCI 0402	5,67
6 mm	1/8"	MPSTCI 0601	7,70
6 mm	1/4"	MPSTCI 0602	7,73
6 mm	3/8"	MPSTCI 0603	8,14
8 mm	1/8"	MPSTCI 0801	9,06
8 mm	1/4"	MPSTCI 0802	9,02
8 mm	3/8"	MPSTCI 0803	9,79
10 mm	1/4"	MPSTCI 1002	11,08

### Push-in Met.-union

Auto. Met.-intermedio

Gerade Steckverb. Metall

Push-in métallique - Union à piquage



TUBO PIPE	Referencia Part n°	€
4 mm	MPUC 04	2,99
6 mm	MPUC 06	3,64
8 mm	MPUC 08	4,53
10 mm	MPUC 10	6,58
12 mm	MPUC 12	7,44

### Push-in Met.-union bulkhead w/metric nut

Auto. Met.-intermedio pasatabique tuerca métrica

Gerade Schott-Steckverb. Metall / metr. Mutter

Push-in métallique - Piquage passe-cloison cylindrique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	M12X1	MPMM 04	4,55
6 mm	M14X1	MPMM 06	5,65
8 mm	M16X1	MPMM 08	6,76
10 mm	M20X1	MPMM 10	8,76
12 mm	M22X1	MPMM 12	10,19

### Push-in Met.-elbow union

Auto. Met.-codo intermedio

W-Steckverb. Metall, Zwischenstück

Push-in technopolymère - Union à piquage



TUBO PIPE	Referencia Part n°	€
4 mm	MPUL 04	3,26
6 mm	MPUL 06	3,60
8 mm	MPUL 08	4,82
10 mm	MPUL 10	6,51

### Push-in Met.-Tee union

Auto. Met.-T intermedio

T-Steckverb. Metall

Push-in métallique - Piquage en Té intermédiaire



TUBO PIPE	Referencia Part n°	€
4 mm	MPUT 04	4,61
6 mm	MPUT 06	5,54
8 mm	MPUT 08	8,00
10 mm	MPUT 10	9,86
12 mm	MPUT 12	12,10

# PUSH-IN FITTINGS

Conexión Push-in automático  
Einsteck-Armaturen  
Raccords Automatiques Push-in

## Push-in Met.-Y union

Auto. Met.-Y intermedio

Y-Steckverb. Metall

Push-in métallique - Piquage en Y



TUBO PIPE	Referencia Part n°	€
4 mm	MPY 04	5,80
6 mm	MPY 06	7,04
8 mm	MPY 08	9,22
10 mm	MPY 10	12,07
12 mm	MPY 12	13,66

## Plug-in for Push-in

Tapón insertable para automático

Verschlussstopfen für Steckverbinder

Piquage bouchon



TUBO PIPE	Referencia Part n°	€
4 mm	TAP 04	0,40
6 mm	TAP 06	0,51
8 mm	TAP 08	0,60
10 mm	TAP 10	0,63
12 mm	TAP 12	0,92

## Plug-in for Push-in M BSP

Insertable para automático cuerpo metálico M BSP

Metall-Einsteckadapter m BSP

Insertable pour adaptateur M BSP cylindrique corps métallique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4 mm	1/8"	50600 4 1/8	1,89
6 mm	1/8"	50600 6 1/8	1,89
6 mm	1/4"	50600 6 1/4	2,52
8 mm	1/8"	50600 8 1/8	2,02
8 mm	1/4"	50600 8 1/4	2,75
8 mm	3/8"	50600 8 3/8	3,93
10 mm	1/4"	50600 10 1/4	2,85
10 mm	3/8"	50600 10 3/8	4,06
12 mm	1/4"	50600 12 1/4	3,04
12 mm	3/8"	50600 12 3/8	4,23

## PUSH-IN FITTINGS

Conexión Push-in automático  
Einsteck-Armaturen  
Raccords Automatiques Push-in

### Push-in stainless steel-M BSPT tapered NEW

Auto. Inox.-M BSPT cónico

Einsteck-Edelstahl-M BSPT konisch

Push-in en acier inoxydable-M BSPT conique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6mm	1/8"	ZPC 0601	11,56
6mm	1/4"	ZPC 0602	11,56
8mm	1/8"	ZPC 0801	12,24
8mm	1/4"	ZPC 0802	12,24
8mm	3/8"	ZPC 0803	12,92

### Push-in stainless steel-elbow adjustable M BSPT tapered NEW

Auto. Inox.-codo giratorio M BSPT cónico

Einsteck-Edelstahl-Winkelstück einstellbar M BSPT konisch

Coude réglable en acier inoxydable M BSPT conique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6mm	1/8"	ZPL 0601	21,76
6mm	1/4"	ZPL 0602	21,76
8mm	1/8"	ZPL 0801	21,76
8mm	1/4"	ZPL 0802	21,76
8mm	3/8"	ZPL 0803	23,12

### Push-in stainless steel-M BSP NEW

Auto. Pol.-M BSP cilíndrico

Einsteck-Edelstahl-M BSP

Push-in en acier inoxydable-M BSP



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6mm	1/8"	ZPCCI 0601	13,07
6mm	1/4"	ZPCCI 0602	13,07
8mm	1/8"	ZPCCI 0801	13,75
8mm	1/4"	ZPCCI 0802	13,75
8mm	3/8"	ZPCCI 0803	14,43

### Push-in stainless steel-elbow adjustable M BSP w/o ring NEW

Auto. Inox.-codo giratorio M BSP cilíndrico c/junta

Push-in Edelstahl-Winkelstück verstellbar M BSP mit O-Ring

Coude réglable en acier inoxydable M BSP sans joint torique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6mm	1/8"	ZPLCI 0601	23,27
6mm	1/4"	ZPLCI 0602	23,27
8mm	1/8"	ZPLCI 0801	23,27
8mm	1/4"	ZPLCI 0802	23,27
8mm	3/8"	ZPLCI 0803	24,63

### Push-in stainless steel-union NEW

Auto. Inox.-intermedio

Steckverschraubung aus Edelstahl

Raccord enfichable en acier inoxydable



TUBO PIPE	Referencia Part n°	€
6mm	ZPUC 06	14,28
8mm	ZPUC 08	14,96
10mm	ZPUC 10	16,32

### Push-in stainless steel-Tee unión NEW

Auto. Inox.-T intermedio

Steckbarer Edelstahl-T-Stück

Té union en acier inoxydable enfichable



TUBO PIPE	Referencia Part n°	€
6mm	ZPUT 06	26,52
8mm	ZPUT 08	29,92
10mm	ZPUT 10	31,28

NEW

AHORA EN ACERO  
INOXIDABLE 316

STAINLESS STEEL  
316 AVAILABLE

## HOSE TAIL-M BSPT TAPERED

Conexión con espiga  
Armatur mit Stutzen  
Raccords avec embout

### Hose tail-M BSPT tapered

Espiga-M BSPT cónico

Stutzen m BSPT kon.

Douille mâle BSPT conique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6 mm	1/8"	3040 6 1/8	1,03
6 mm	1/4"	3040 6 1/4	1,44
7 mm	1/8"	3040 7 1/8	1,28
7 mm	1/4"	3040 7 1/4	1,46
8 mm	1/8"	3040 8 1/8	1,28
8 mm	1/4"	3040 8 1/4	1,78
9 mm	1/8"	3040 9 1/8	1,36
9 mm	1/4"	3040 9 1/4	1,60
9 mm	3/8"	3040 9 3/8	2,09
9 mm	1/2"	3040 9 1/2	3,18
10 mm	1/4"	3040 10 1/4	2,10
10 mm	3/8"	3040 10 3/8	2,09
10 mm	1/2"	3040 10 1/2	3,64
12 mm	1/4"	3040 12 1/4	1,91
12 mm	3/8"	3040 12 3/8	2,67
12 mm	1/2"	3040 12 1/2	3,56
14 mm	3/8"	3040 14 3/8	2,41
16 mm	3/8"	3040 16 3/8	2,91
14 mm	1/2"	3040 14 1/2	3,87
16 mm	1/2"	3040 16 1/2	4,18

### Doble hose tail connector

Espiga doble

Doppelschlauchstutzen-Anschluss

Douille double jonction



TUBO PIPE	Referencia Part n°	€
6 mm	3055 6	0,63
8 mm	3055 8	0,94
10 mm	3055 10	1,14

### Hose tail-M BSP parallel w.o-ring

Espiga-M BSP cilíndrico C/J

Stutzen m BSP zyl.

Douille mâle BSP cylindrique avec joint



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
7 mm	1/8"	3045 7 1/8	1,21
7 mm	1/4"	3045 7 1/4	1,68
8 mm	1/8"	3045 8 1/8	1,33
9 mm	1/8"	3045 9 1/8	1,58
9 mm	1/4"	3045 9 1/4	1,86
9 mm	3/8"	3045 9 3/8	2,51
12 mm	1/4"	3045 12 1/4	2,26
12 mm	3/8"	3045 12 3/8	2,70
12 mm	1/2"	3045 12 1/2	3,89

### Hose tail-F BSP parallel

Espiga-H BSP cilíndrico

Stutzen w BSP zyl.

Douille femelle BSP cylindrique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6 mm	1/8"	3050 6 1/8	1,17
7 mm	1/8"	3050 7 1/8	1,30
7 mm	1/4"	3050 7 1/4	1,48
8 mm	1/4"	3050 8 1/4	1,67
9 mm	1/4"	3050 9 1/4	1,90
9 mm	3/8"	3050 9 3/8	2,44
10 mm	3/8"	3050 10 3/8	2,32
12 mm	3/8"	3050 12 3/8	2,86
12 mm	1/2"	3050 12 1/2	3,70

### Hose tail-M BSP parallel without o'ring

Espiga-M BSP cilíndrico sin junta

Stutzen m BSP zyl. ohne O-Ring

Douille mâle BSP cylindrique sans joint



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
9 mm	3/8"	3045A 9 3/8	3,17
12 mm	1/4"	3045A 12 1/4	2,84
12 mm	1/2"	3045A 12 1/2	5,46

Until end of stock. / Hasta fin de existencias. / Bis zum Ende des Lagerbestandes. / Jusqu'à la fin du stock.

## PUSH-ON FITTINGS

Conexión Push-on  
Aufsteck-Armaturen  
Raccords Push-on

### Push-on-M BSPT tapered

Push-on-M BSPT cónico

T-Steckverschraubung m BSPT kon.

Raccord droit mâle conique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4/2.7 mm	1/8"	1000 4/2.7 1/8	2,17
6/4 mm	1/8"	1000 6/4 1/8	1,90
6/4 mm	1/4"	1000 6/4 1/4	2,26
6/4 mm	3/8"	1000 6/4 3/8	3,31
8/6 mm	1/8"	1000 8/6 1/8	2,49
8/6 mm	1/4"	1000 8/6 1/4	2,41
8/6 mm	3/8"	1000 8/6 3/8	3,41
8/6 mm	1/2"	1000 8/6 1/2	4,85
10/8 mm	1/4"	1000 10/8 1/4	3,07
10/8 mm	3/8"	1000 10/8 3/8	3,75
10/8 mm	1/2"	1000 10/8 1/2	5,10
12/10 mm	3/8"	1000 12/10 3/8	3,97
12/10 mm	1/2"	1000 12/10 1/2	5,46

\*Until end of stock. / \*Until end of stock. / \*Bis zum Ende des Lagerbestandes. / \*Jusqu'à la fin du stock.

### Push-on-adjustable M BSPT tapered

Push-on-giratorio M BSPT cónico

Schwenk-Steckverschraubung m BSPT kon.

Raccord droit mâle tournant conique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6/4 mm	1/8"	1010 6/4 1/8	4,48
6/4 mm	1/4"	1010 6/4 1/4	4,85
8/6 mm	1/8"	1010 8/6 1/8	4,75
8/6 mm	1/4"	1010 8/6 1/4	5,23
10/8 mm	1/4"	1010 10/8 1/4	5,88
12/10 mm	3/8"	1010 12/10 3/8	8,07

### Push-on-elbow M BSPT tapered

Push-on-codo M BSPT cónico

W-Steckverschraubung m BSPT kon.

Raccord coudé mâle conique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4/2.7 mm	1/8"	1100 4/2.7 1/8	3,99
6/4 mm	1/8"	1100 6/4 1/8	2,96
6/4 mm	1/4"	1100 6/4 1/4	3,12
6/4 mm	3/8"	1100 6/4 3/8	4,20
8/6 mm	1/8"	1100 8/6 1/8	3,16
8/6 mm	1/4"	1100 8/6 1/4	3,49
8/6 mm	3/8"	1100 8/6 3/8	3,96
8/6 mm	1/2"	1100 8/6 1/2	7,54
10/8 mm	1/4"	1100 10/8 1/4	4,24
10/8 mm	3/8"	1100 10/8 3/8	4,81
10/8 mm	1/2"	1100 10/8 1/2	7,36
12/10 mm	3/8"	1100 12/10 3/8	5,94
12/10 mm	1/2"	1100 12/10 1/2	8,07

### Push-on-elbow adjustable M BSPT tapered

Push-on-codo giratorio M BSPT cónico

W-Schwenk-Steckversch. M BSPT kon.

Raccord coudé tournant mâle conique



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4/2.7 mm	1/8"	1110 4/2.7 1/8	4,99
6/4 mm	1/8"	1110 6/4 1/8	4,99
6/4 mm	1/4"	1110 6/4 1/4	5,76
8/6 mm	1/8"	1110 8/6 1/8	5,33
8/6 mm	1/4"	1110 8/6 1/4	5,94
10/8 mm	1/4"	1110 10/8 1/4	6,87

### Push-on-Tee central adjustable M BSPT tapered

Push-on-T central giratorio M BSPT cónico

T-Steckverschraubung zentr. einstellbar m BSPT kon.

Raccord en té avec tournant mâle central



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6/4 mm	1/8"	1210 6/4 1/8	6,87
6/4 mm	1/4"	1210 6/4 1/4	7,12
8/6 mm	1/8"	1210 8/6 1/8	6,87
8/6 mm	1/4"	1210 8/6 1/4	7,48
10/8 mm	1/4"	1210 10/8 1/4	9,29

### Push-on-Tee lateral M BSPT tapered

Push-on-T lateral M BSPT cónico

T-Steckverschraubung seitr. m BSPT kon.

Raccord en té avec mâle conique latéral



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6/4 mm	1/8"	1220 6/4 1/8	4,34
6/4 mm	1/4"	1220 6/4 1/4	4,56
8/6 mm	1/8"	1220 8/6 1/8	4,85
8/6 mm	1/4"	1220 8/6 1/4	5,13
10/8 mm	1/4"	1220 10/8 1/4	6,49
10/8 mm	3/8"	1220 10/8 3/8	7,62
12/10 mm	3/8"	1220 12/10 3/8	9,33

## PUSH-ON FITTINGS

Conexión Push-on  
Aufsteck-Armaturen  
Raccords Push-on

### Push-on-M BSP/M metric w/o'ring parallel

Push-on-M BSP cilíndrico/M métrico c/junta

Steckverschraubung m BSP/ metr. mit O-Ring

Raccord droit mâle cylindrique avec o'ring



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4/2.7 mm	1/8"	1020 4/2.7 1/8	2,17
6/4 mm	1/8"	1020 6/4 1/8	2,45
6/4 mm	1/4"	1020 6/4 1/4	3,10
6/4 mm	3/8"	1020 6/4 3/8	3,91
6/4 mm	1/2"	1020 6/4 1/2	6,08
8/6 mm	1/8"	1020 8/6 1/8	2,74
8/6 mm	1/4"	1020 8/6 1/4	2,81
8/6 mm	3/8"	1020 8/6 3/8	3,87
10/8 mm	1/4"	1020 10/8 1/4	3,63
10/8 mm	3/8"	1020 10/8 3/8	4,12
10/8 mm	1/2"	1020 10/8 1/2	6,55
12/10 mm	3/8"	1020 12/10 3/8	4,66
12/10 mm	1/2"	1020 12/10 1/2	7,16
6/4 mm	M5	1021 6/4 M5	2,03
6/4 mm	M6	1021 6/4 M6	2,03

### Push-on-F BSP parallel

Push-on-H BSP cilíndrico

Steckverschraubung w BSP zyl.

Raccord droit femelle



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6/4 mm	1/8"	1030 6/4 1/8	2,54
6/4 mm	1/4"	1030 6/4 1/4	2,81
6/4 mm	3/8"	1030 6/4 3/8	4,46
8/6 mm	1/8"	1030 8/6 1/8	2,56
8/6 mm	1/4"	1030 8/6 1/4	3,10
8/6 mm	3/8"	1030 8/6 3/8	4,58
8/6 mm	1/2"	1030 8/6 1/2	5,12
10/8 mm	1/4"	1030 10/8 1/4	3,49
10/8 mm	3/8"	1030 10/8 3/8	4,81
10/8 mm	1/2"	1030 10/8 1/2	6,08
12/10 mm	3/8"	1030 12/10 3/8	6,87

### Push-on-elbow adjustable M BSP parallel w/o'ring

Push-on-codo giratorio M BSP cilíndrico c/junta

W-Schwenk-Steckversch. M BSP zyl.

Raccord coudé tournant mâle cylindrique avec o'ring



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4/2.7 mm	1/8"	1115 4/2.7 1/8	4,99
6/4 mm	1/4"	1115 6/4 1/4	5,76
8/6 mm	1/8"	1115 8/6 1/8	5,33
8/6 mm	1/4"	1115 8/6 1/4	5,94
10/8 mm	1/4"	1115 10/8 1/4	6,87

### Push-on-elbow F BSP parallel

Push-on-codo H BSP cilíndrico

W-Steckverschraubung w BSP zyl.

Raccord coudé femelle



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6/4 mm	1/8"	1120 6/4 1/8	3,39
6/4 mm	1/4"	1120 6/4 1/4	4,10
8/6 mm	1/8"	1120 8/6 1/8	3,71
8/6 mm	1/4"	1120 8/6 1/4	4,46
10/8 mm	1/4"	1120 10/8 1/4	4,99
10/8 mm	3/8"	1120 10/8 3/8	8,62

### Push-on-Tee central adjustable M BSP parallel w/o'ring

Push-on-T central giratorio M BSP cilíndrico c/junta

T-Steckverschraubung zentr. einstellbar m BSP zyl.

Raccord en té avec tournant mâle central avec o'ring



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6/4 mm	1/8"	1215 6/4 1/8	7,20
6/4 mm	1/4"	1215 6/4 1/4	7,44
8/6 mm	1/8"	1215 8/6 1/8	7,20
8/6 mm	1/4"	1215 8/6 1/4	7,91
10/8 mm	1/4"	1215 10/8 1/4	9,80

### Nut for Push-on metric thread

Tuerca para push-on rosca métrica

Push-On-Mutter metr. Gewinde

Vis de fixation



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4/2.7 mm	M6X0,5	1700 4/2.7	0,66
6/4 mm	M10X1	1700 6/4	0,64
8/6 mm	M12x1	1700 8/6	0,83
10/8 mm	M14X1	1700 10/8	1,08
12/10 mm	M16X1	1700 12/10	1,44

### Push-on-Union

Push-on-intermedio

Steckverbinder

Raccord intermédiaire



TUBO PIPE	TUBO PIPE	Referencia Part n°	€
4/2.7 mm	4/2.7 mm	1040 4/2.7	3,77
6/4 mm	6/4 mm	1040 6/4	3,49
8/6 mm	6/4 mm	1040 8/6 6/4	3,81
8/6 mm	8/6 mm	1040 8/6	3,76
10/8 mm	6/4 mm	1040 10/8 6/4	5,19
10/8 mm	8/6 mm	1040 10/8 8/6	5,46
10/8 mm	10/8 mm	1040 10/8	5,04
12/10 mm	12/10 mm	1040 12/10	8,29



## PUSH-ON FITTINGS

Conexión Push-on  
Aufsteck-Armaturen  
Raccords Push-on

### Push-on-Union bulkhead w/metric nut

Push-on-intermedio pasatabique c/tuerca métrica

Schott-Steckverbinder w/ metr. Mutter

Raccord passe-cloison



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€	
4/2.7 mm	4/2.7 mm	M6x0,5	1050 4/2.7	5,80
6/4 mm	6/4 mm	M10x1	1050 6/4	5,98
8/6 mm	6/4 mm	M12x1	1050 8/6X6/4	6,92
8/6 mm	8/6 mm	M12x1	1050 8/6	6,80
10/8 mm	6/4 mm	M14x1	1050 10/8X6/4	8,25
10/8 mm	8/6 mm	M14x1	1050 10/8X8/6	8,25
10/8 mm	10/8 mm	M14x1	1050 10/8	7,69
12/10 mm	12/10 mm	M16x1	1050 12/10	8,63

### Push-on-Banjo body

Push-on-cuerpo orientable

Kreuz-Steckverschraubung - Körper einstellbar

Banjo simple



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4/2.7 mm	1/8"	1500 4/2.7 1/8	3,53
6/4 mm	1/8"	1500 6/4 1/8	3,87
6/4 mm	1/4"	1500 6/4 1/4	3,96
6/4 mm	3/8"	1500 6/4 3/8	5,03
6/4 mm	M6	1500 6/4 M6	3,16
8/6 mm	1/8"	1500 8/6 1/8	3,96
8/6 mm	1/4"	1500 8/6 1/4	4,12
8/6 mm	3/8"	1500 8/6 3/8	5,33
8/6 mm	1/2"	1500 8/6 1/2	6,87
10/8 mm	1/8"	1500 10/8 1/8	4,20
10/8 mm	1/4"	1500 10/8 1/4	4,52
10/8 mm	3/8"	1500 10/8 3/8	5,70
10/8 mm	1/2"	1500 10/8 1/2	7,20
12/10 mm	3/8"	1500 12/10 3/8	6,69
12/10 mm	1/2"	1500 12/10 1/2	8,34

### Dual Push-on-Banjo body

Push-on doble-Cuerpo orientable

Doppel-Steckverschraubung - Körper einstellbar

Banjo double



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
4/2.7 mm	1/8"	1510 4/2.7 1/8	6,45
6/4 mm	1/8"	1510 6/4 1/8	6,49
6/4 mm	1/4"	1510 6/4 1/4	6,98
6/4 mm	3/8"	1510 6/4 3/8	8,07
8/6 mm	1/8"	1510 8/6 1/8	6,79
8/6 mm	1/4"	1510 8/6 1/4	6,79
8/6 mm	3/8"	1510 8/6 3/8	8,07
8/6 mm	1/2"	1510 8/6 1/2	9,80
10/8 mm	1/8"	1510 10/8 1/8	7,44
10/8 mm	1/4"	1510 10/8 1/4	7,54
10/8 mm	3/8"	1510 10/8 3/8	8,58
10/8 mm	1/2"	1510 10/8 1/2	10,28
12/10 mm	3/8"	1510 12/10 3/8	9,94
12/10 mm	1/2"	1510 12/10 1/2	11,54

### Simple banjo bolt M BSP parallel/M metric

Tornillo orientable simple M BSP cilíndrico/M métrico

Einfache Hohlschraube BSP für Ringauge m BSP zyl/M metr

Vis pour banjo simple



ROSCA THREAD	Referencia Part n°	€
M5	51410 M5	1,82
M6	51410 M6	1,97
M12	51410 M12	3,12
1/8"	51410 1/8	2,37
1/4"	51410 1/4	3,02
3/8"	51410 3/8	4,38
1/2"	51410 1/2	7,75

### Double banjo bolt M BSP parallel

Tornillo orientable doble M BSP cilíndrico

Doppelte Hohlschraube für Ringauge m BSP zyl

Vis pour banjo double



ROSCA THREAD	Referencia Part n°	€
1/8"	51420 1/8	3,31
1/4"	51420 1/4	4,75
3/8"	51420 3/8	7,16
1/2"	51420 1/2	10,98

### Push-on-elbow union

Push-on-codo intermedio

W-Steckverbinder, Zwischenstück

Raccord coudé intermédiaire



TUBO PIPE	Referencia Part n°	€	
4/2.7 mm	4/2.7 mm	1130 4/2.7	5,41
6/4 mm	6/4 mm	1130 6/4	3,92
8/6 mm	6/4 mm	1130 8/6 6/4	4,38
8/6 mm	8/6 mm	1130 8/6	4,38
10/8 mm	10/8 mm	1130 10/8	5,56
12/10 mm	12/10 mm	1130 12/10	7,49

### Push-on-Tee union

Push-on-T intermedio

T-Steckverbinder

Raccord en té intermédiaire



TUBO PIPE	Referencia Part n°	€
4/2.7 mm	1230 4/2.7	6,04
6/4 mm	1230 6/4	5,10
8/6 mm	1230 8/6	5,76
10/8 mm	1230 10/8	7,54
12/10 mm	1230 12/10	10,46

## PUSH-ON FITTINGS

Conexión Push-on  
Aufsteck-Armaturen  
Raccords Push-on

### Push-on-cross union

Push-on-cruz intermedio

Kreuz-Steck-Mittelstück

Raccord en croix intermédiaire



TUBO PIPE	Referencia Part n°	€
6/4 mm	1300 6/4	8,33
8/6 mm	1300 8/6	9,59
10/8 mm	1300 10/8	5,97
12/10 mm	1300 12/10	7,77

### Push-on w/nut+spring-M BSPT tapered

Push-on c/muelle-M BSPT cónico

Steckarmatur mit Feder - m BSPT kon.

Raccord droit mâle conique avec ressort



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6/4 mm	1/8"	1025 6/4 1/8	3,99
6/4 mm	1/4"	1025 6/4 1/4	4,30
8/6 mm	1/8"	1025 8/6 1/8	4,20
8/6 mm	1/4"	1025 8/6 1/4	4,34
8/6 mm	3/8"	1025 8/6 3/8	5,03
8/6 mm	1/2"	1025 8/6 1/2	6,55
10/8 mm	1/8"	1025 10/8 1/8	4,91
10/8 mm	1/4"	1025 10/8 1/4	4,95
10/8 mm	3/8"	1025 10/8 3/8	5,74
10/8 mm	1/2"	1025 10/8 1/2	7,22
12/10 mm	3/8"	1025 12/10 3/8	6,73
12/10 mm	1/2"	1025 12/10 1/2	8,07

### Push-on w/nut+spring-M BSP w/o'ring parallel

Push-on c/muelle-M BSP cilíndrico c/junta

Steckarmatur mit Feder - m BSP zyl. Mit O-Ring

Raccord droit mâle cylindrique avec ressort



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6/4 mm	1/8"	1028 6/4 1/8	4,12
6/4 mm	1/4"	1028 6/4 1/4	4,75
6/4 mm	3/8"	1028 6/4 3/8	5,23
6/4 mm	1/2"	1028 6/4 1/2	6,92
8/6 mm	1/8"	1028 8/6 1/8	4,30
8/6 mm	1/4"	1028 8/6 1/4	4,75
8/6 mm	3/8"	1028 8/6 3/8	5,33
8/6 mm	1/2"	1028 8/6 1/2	6,75
10/8 mm	1/4"	1028 10/8 1/4	5,41
10/8 mm	3/8"	1028 10/8 3/8	5,88
10/8 mm	1/2"	1028 10/8 1/2	7,36
12/10 mm	3/8"	1028 12/10 3/8	7,54
12/10 mm	1/2"	1028 12/10 1/2	9,25

### Push-on w/nut+spring-adjustable M BSP w/o'ring parallel

Push-on c/muelle-giratorio M BSP cilíndrico c/junta

Steckarmatur mit Feder - schwenkbar m BSP zyl. mit O-Ring

Raccord droit tournant mâle cylindrique avec ressort



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6/4 mm	1/8"	1027 6/4 1/8	6,08
6/4 mm	1/4"	1027 6/4 1/4	6,59
8/6 mm	1/4"	1027 8/6 1/8	6,21
8/6 mm	1/4"	1027 8/6 1/4	6,75
10/8 mm	1/4"	1027 10/8 1/4	7,62
12/10 mm	3/8"	1027 12/10 3/8	9,90

### Push-on w/nut+spring-F BSP parallel

Push-on c/muelle-H BSP cilíndrico

Steckarmatur mit Feder - w BSP zyl.

Raccord droit femelle avec ressort



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6/4 mm	1/8"	1035 6/4 1/8	4,24
6/4 mm	1/4"	1035 6/4 1/4	4,76
6/4 mm	3/8"	1035 6/4 3/8	5,98
8/6 mm	1/8"	1035 8/6 1/8	4,46
8/6 mm	1/4"	1035 8/6 1/4	5,19
8/6 mm	3/8"	1035 8/6 3/8	6,55
8/6 mm	1/2"	1035 8/6 1/2	7,36
10/8 mm	1/4"	1035 10/8 1/4	5,84
10/8 mm	3/8"	1035 10/8 3/8	6,79
10/8 mm	1/2"	1035 10/8 1/2	7,77
12/10 mm	3/8"	1035 12/10 3/8	8,34

### Push-on w/nut+spring-fixing nut F Métrica parallel

Push-on c/muelle-Tuerca de fijación métrica

Steckarmatur mit Feder - w metr. Fest

Vis de fixation avec ressort



TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
6/4 mm	M10x1	1710 6/4	2,63
8/6 mm	M12x1	1710 8/6	2,97
10/8 mm	M14x1	1710 10/8	3,23
12/10 mm	M16x1	1710 12/10	4,48

## ADAPTORS

Adaptador  
Adapter  
Adaptateurs

### Adaptor M BSPT tapered

Adaptador M BSPT cónico

Doppelnippel BSPT kon.

Adapteur mâle BSPT conique



ROSCA THREAD	Referencia Part n°	€
1/8"	2000 1/8	1,07
1/4"	2000 1/4	1,48
3/8"	2000 3/8	2,13
1/2"	2000 1/2	3,55
3/4"	2000 3/4	6,13
1"	2000 1	9,91

### Reducer M BSPT tapered-F BSP parallel

Tapón reductor M BSPT cónico-H BSP cilíndrica

Reduziernippel m BSP kon - w BSP zyl.

Bouchon reducteur mâle BSPT conique- femelle BSP cilíndrique



ROSCA (M) THREAD (M)	ROSCA (H) THREAD (F)	Referencia Part n°	€
1/4"	1/8"	2080 1/4 1/8	0,95
3/8"	1/8"	2080 3/8 1/8	1,71
3/8"	1/4"	2080 3/8 1/4	1,42
1/2"	1/4"	2080 1/2 1/8	2,96
1/2"	1/4"	2080 1/2 1/4	2,62
1/2"	3/8"	2080 1/2 3/8	2,24
3/4"	3/8"	2080 3/4 3/8	5,42
3/4"	1/2"	2080 3/4 1/2	4,08
1"	1/2"	2080 1 1/2	9,77

### Reducer M BSPT tapered

Reductor M BSPT cónico

Reduziernippel BSPT kon.

Réducteur mâle BSPT conique



ROSCA THREAD	Referencia Part n°	€
1/8"	2020 1/8-1/4	1,26
1/8"	2020 1/8 3/8	1,99
1/8"	2020 1/8 1/2	3,79
1/4"	2020 1/4 1/2	3,41
1/4"	2020 1/4-3/8	2,05
3/8"	2020 3/8-1/2	2,92
1/2"	2020 1/2 3/4	6,00

### Extensor M BSPT tapered - F BSP parallel

Prolongador M BSPT cónico - H BSP cilíndrico

Adapter m BSPT kon. - w BSP zyl.

Prolongateur mâle BSPT conique - femelle BSP cylíndrique



ROSCA (M) THREAD (M)	ROSCA (H) THREAD (F)	Referencia Part n°	€
1/8"	1/8"	2040 1/8 1/8	1,32
1/8"	1/4"	2040 1/8 1/4	1,69
1/8"	3/8"	2040 1/8 3/8	2,29
1/4"	1/4"	2040 1/4 1/4	1,73
1/4"	3/8"	2040 1/4 3/8	2,96
1/4"	1/2"	2040 1/4 1/2	3,76
3/8"	3/8"	2040 3/8 3/8	2,84
3/8"	1/2"	2040 3/8 1/2	3,86
1/2"	3/8"	2040 1/2 3/8	3,11
1/2"	1/2"	2040 1/2 1/2	4,40
1/2"	3/4"	2040 1/2 3/4	6,44

### Extensor bulkhead w/metric M - F BSP parallel/metric

Prolongador pasatabique rosca M métrico-H BSP cilíndrica/métrica

Schottadapter metr. Gewinde M - w BSP zyl./metr.

Prolongateur passe-cloison filetage métrique  
Mâle.-Fem. BSP cilíndrique/métrique



ROSCA THREAD	Referencia Part n°	€
M10x1	3060 M5	1,95
M16x1,5	3060 1/8	3,83
M14x1,5	3060 1/8 M14	4,53
M20x1,5	3060 1/4	6,33
M26x1,5	3060 3/8	10,26
M28x15	3060 1/2	13,50

### Adaptor M BSP parallel

Adaptador M BSP cilíndrico

Doppelnippel BSP zyl.

Adapteur mâle BSP cylíndrique



ROSCA THREAD	Referencia Part n°	€
1/8"	2010 1/8	1,15
1/4"	2010 1/4	1,41
3/8"	2010 3/8	2,49
1/2"	2010 1/2	3,86
3/4"	2010 3/4	5,36
1"	2010 1	8,54

## ADAPTORS

Adaptador  
Adapter  
Adaptateurs

### Reducer M BSP parallel / M metric

Reductor M métrico/M BSP cilíndrico

Reduzierstück m metr. - m BSP zyl.

Réducteur mâle métrique-mâle BSP cylindrique



ROSCA THREAD		Referencia Part n°	€
M5	1/8"	2030 M5 1/8	0,99
1/8"	1/4"	2030 1/8 1/4	1,59
1/8"	3/8"	2030 1/8 3/8	1,95
1/4"	3/8"	2030 1/4 3/8	2,02
1/4"	1/2"	2030 1/4 1/2	3,25
3/8"	1/2"	2030 3/8 1/2	3,31
1/2"	3/4"	2030 1/2 3/4	5,42

### Extensor M BSP Parallel/M metric - F BSP parallel

Prolongador M BSP cilíndrico/Métrico - H BSP cilíndrica

Adapter m BSP zyl./ m metr. - w BSP zyl.

Prolongateur mâle BSP cylindrique/métrique -fem. BSP cylindrique



ROSCA (M) THREAD (M)	ROSCA (H) THREAD (F)	Referencia Part n°	€
M5	1/8"	2050 M5 1/8	1,26
1/8"	1/8"	2050 1/8 1/8	1,10
1/8"	1/4"	2050 1/8 1/4	1,60
1/4"	1/4"	2050 1/4 1/4	1,87
1/4"	3/8"	2050 1/4 3/8	2,80
3/8"	3/8"	2050 3/8 3/8	3,27
3/8"	1/2"	2050 3/8 1/2	4,06
1/2"	1/2"	2050 1/2 1/2	5,46

### Extra extensor M-F BSP parallel

Prolongador extra M-H BSP cilíndrico

Adapter kon.

Prolongateur extra mâle -fem. BSP cylindrique



ROSCA THREAD		Referencia Part n°	€
1/8"	1/8"	2070 1/8 1/8 22	1,39
1/8"	1/8"	2070 1/8 1/8 42	2,51
1/4"	1/4"	2070 1/4 1/4 35	3,13
1/4"	1/4"	2070 1/4 1/4 51	3,98

### Adaptor F BSP parallel

Adaptador H BSP cilíndrico

Adapter m BSP zyl

Manchon femelle BSP cylindrique



ROSCA THREAD		Referencia Part n°	€
1/8"		3000 1/8	1,18
1/4"		3000 1/4	1,71
3/8"		3000 3/8	2,63
1/2"		3000 1/2	4,46
3/4"		3000 3/4	7,23

### Reducer M BSP parallel - F BSP parallel

Tapón reductor M BSP cilíndrico/Métrico-H BSP cilíndrico

Reduziernippel m BSP zyl / metr. - w BSP zyl

Bouchon réducteur mâle BSP cylindrique/métrique - fem. BSP cylindrique



ROSCA (M) THREAD (M)	ROSCA (H) THREAD (F)	Referencia Part n°	€
1/8"	M5	2090 1/8 M5	0,98
1/4"	1/8"	2090 1/4 1/8	1,13
3/8"	1/8"	2090 3/8 1/8	1,36
3/8"	1/4"	2090 3/8 1/4	1,32
1/2"	1/4"	2090 1/2 1/4	2,53
1/2"	3/8"	2090 1/2 3/8	2,38
3/4"	1/2"	2090 3/4 1/2	3,91

### Reducer F BSP parallel

Reductor H BSP cilíndrico

Reduzierstück m - w fest NPT

Réducteur femelle BSP cylindrique



ROSCA THREAD		Referencia Part n°	€
1/8"	1/4"	3010 1/8 1/4	1,48
1/8"	3/8"	3010 1/8 3/8	1,97
1/4"	3/8"	3010 1/4 3/8	2,41
1/4"	1/2"	3010 1/4 1/2	2,79
3/8"	1/2"	3010 3/8 1/2	3,55
1/2"	3/4"	3010 1/2 3/4	5,57

### Banjo F BSP parallel

Orientable H BSP cilíndrico

Ringauge H BSP zyl.

Banjo femelle BSP cylindrique



ROSCA THREAD		Referencia Part n°	€
1/8"		6090 1/8	3,16
1/4"		6090 1/4	3,99
3/8"		6090 3/8	5,52

### Simple banjo bolt M BSP parallel/M metric

Tornillo orientable simple M BSP cilíndrico/M métrico

Einfache Hohlschraube BSP für Ringauge m BSP zyl/M metr

Vis pour banjo simple mâle BSP cylindrique / mâle métrique



ROSCA THREAD		Referencia Part n°	€
M5		51410 M5	1,82
M6		51410 M6	1,97
M12		51410 M12	3,12
1/8"		51410 1/8	2,37
1/4"		51410 1/4	3,02
3/8"		51410 3/8	4,38
1/2"		51410 1/2	7,75

## ADAPTORS

Adaptador  
Adapter  
Adaptateurs

### Double banjo bolt M BSP parallel

Tornillo orientable doble M BSP cilíndrico

Doppelte Hohlschraube für Ringauge m BSP zyl

Vis pour banjo double mâle BSP cylindrique



ROSCA THREAD	Referencia Part n°	€
1/8"	51420 1/8	3,31
1/4"	51420 1/4	4,75
3/8"	51420 3/8	7,16
1/2"	51420 1/2	10,98

### Internal Allen plug M BSPT tapered

Tapón allen interior M BSPT cónico

Verschlussverschraubung Allen m BSPT kon.

Bouchon mâle BSPT conique Allen intérieur



ROSCA THREAD	Referencia Part n°	€
1/8"	3025 1/8	0,66
1/4"	3025 1/4	1,01
3/8"	3025 3/8	1,42
1/2"	3025 1/2	2,27

### Plug M BSPT tapered

Tapón M BSPT cónico

Verschlussmutter BSPT kon.

Bouchon mâle BSPT conique



ROSCA THREAD	Referencia Part n°	€
1/8"	3021 1/8	1,81
1/4"	3021 1/4	2,02
3/8"	3021 3/8	2,31
1/2"	3021 1/2	4,61

### Allen plug M BSP parallel w/o-ring

Tapón allen M BSP cilíndrico c/junta

Verschlussverschraubung Allen m BSP zyl. mit o-ring

Bouchon mâle BSP cylindrique Allen avec o-ring



ROSCA THREAD	Referencia Part n°	€
1/8"	3015 1/8	0,96
1/4"	3015 1/4	1,31
3/8"	3015 3/8	1,91
1/2"	3015 1/2	3,33

### Plug M BSP parallel

Tapón M BSP cilíndrico

Verschlussmutter BSP zyl.

Bouchon mâle BSP cylindrique



ROSCA THREAD	Referencia Part n°	€
1/8"	3020 1/8	0,93
1/4"	3020 1/4	1,23
3/8"	3020 3/8	1,87
1/2"	3020 1/2	2,73
3/4"	3020 3/4	4,75

### Cap F BSP parallel

Tapón H BSP cilíndrico

Verschlussmutter BSP zyl.

Bouchon femelle BSP cylindrique



ROSCA THREAD	Referencia Part n°	€
1/8"	3030 1/8	1,05
1/4"	3030 1/4	1,35
3/8"	3030 3/8	2,95
1/2"	3030 1/2	4,71

## ADAPTORS

Adaptador  
Adapter  
Adaptateurs

### Elbow M BSPT tapered

Codo M BSPT cónico

Winkel m BSPT kon.

Raccord coudé mâle BSPT conique



ROSCA THREAD	Referencia Part n°	€
1/8"	5000 1/8	1,78
1/4"	5000 1/4	2,93
3/8"	5000 3/8	4,36
1/2"	5000 1/2	6,56
3/4"	5000 3/4	8,70

### Elbow M BSPT tapered-F BSP

Codo M BSPT cónico-H BSP cilíndrico

Winkel m BSPT kon. - w BSP zyl.

Raccord coudé mâle BSPT conique -femelle BSP  
cylindrique



ROSCA THREAD	Referencia Part n°	€
1/8"	5020 1/8	2,01
1/4"	5020 1/4	3,16
3/8"	5020 3/8	4,79
1/2"	5020 1/2	7,69
3/4"	5020 3/4	12,70

### Elbow F BSP parallel

Codo H BSP cilíndrico

Winkel w BSP zyl.

Raccord coudé femelle BSP cylindrique



ROSCA THREAD	Referencia Part n°	€
1/8"	5010 1/8	2,43
1/4"	5010 1/4	3,38
3/8"	5010 3/8	4,71
1/2"	5010 1/2	7,69
3/4"	5010 3/4	12,51

### Tee M BSPT tapered

T M BSPT cónico

T-Stück m BSPT kon.

Raccord en té mâle BSPT conique



ROSCA THREAD	Referencia Part n°	€
1/8"	4010 1/8	2,47
1/4"	4010 1/4	4,22
3/8"	4010 3/8	6,48
1/2"	4010 1/2	9,19
3/4"	4010 3/4	12,30

### Tee central F BSP -M BSPT -F BSP tapered

T central H BSP-M BSPT cónico-H BSP

T-Stück w BSP - m BSPT kon. - w BSP

Raccord en té central femelle BSP - M BSPT  
conique - femelle BSP



ROSCA THREAD	Referencia Part n°	€
1/8"	4040 1/8	2,79
1/4"	4040 1/4	4,46
3/8"	4040 3/8	6,48
1/2"	4040 1/2	11,52
3/4"	4040 3/4	13,98

### Tee lateral F BSP -F BSP -M BSPT tapered

T lateral H BSP-H BSP-M BSPT cónico

T-Stück w BSP - w BSP - m BSPT kon.

Raccord en té latéral femelle BSP - femelle BSP- M  
BSPT conique



ROSCA THREAD	Referencia Part n°	€
1/8"	4050 1/8	3,02
1/4"	4050 1/4	4,79
3/8"	4050 3/8	6,48
1/2"	4050 1/2	10,85
3/4"	4050 3/4	15,45

### Tee F BSP parallel

T H BSP cilíndrico

T-Stück w BSP zyl.

Raccord en té femelle BSP cylindrique



ROSCA THREAD	Referencia Part n°	€
1/8"	4000 1/8	3,12
1/4"	4000 1/4	4,75
3/8"	4000 3/8	6,57
1/2"	4000 1/2	10,72
3/4"	4000 3/4	11,87

## ADAPTORS

Adaptador  
Adapter  
Adaptateurs

### Y central F BSP -M BSPT -F BSP

Y central H BSP cilíndrico-M BSPT cónico-H BSP cilíndrico

Y-Stück zentral w BSP -m BSPT -w BSP kon.

Raccord en Y central femelle BSP cylindrique - mâle BSPT conique-femelle BSP cylindrique



ROSCA THREAD	Referencia Part n°	€
1/8"	6000 1/8	4,55
1/4"	6000 1/4	3,85
3/8"	6000 3/8	4,63
1/2"	6000 1/2	13,95

### Cross M BSPT tapered

Cruz M BSPT cónico

Kreuzstück m BSPT kon.

Raccord en croix mâle BSPT conique



ROSCA THREAD	Referencia Part n°	€
1/8"	6030 1/8	2,62
1/4"	6030 1/4	4,91
3/8"	6030 3/8	7,86
1/2"	6030 1/2	10,81

### Cross F BSP parallel

Cruz H BSP cilíndrico

Kreuzstück w BSP zyl.

Raccord en croix femelle BSP cylindrique



ROSCA THREAD	Referencia Part n°	€
1/8"	6020 1/8	6,03
1/4"	6020 1/4	5,74
3/8"	6020 3/8	12,01
1/2"	6020 1/2	20,53

### Cross in block F BSP parallel

Cruz en taco H BSP cilíndrico

Kreuzblock w BSP zyl.

Nourrices de distribution en croix taraudée



ROSCA THREAD	Referencia Part n°	€
1/8"	6040 1/8	6,02
1/4"	6040 1/4	9,45
3/8"	6040 3/8	14,38
1/2"	6040 1/2	16,91

### Distribution manifold-F BSP parallel

Regleta lateral en taco H BSP cilíndrico

Modulverteiler w BSP zyl.

Nourrices de distribution taraudée



ROSCA (LAT) THREAD (LAT)	ROSCA (CENT) THREAD (CENT)	N° DE SALIDAS EXITS NR.	Referencia Part n°	€
1/4"	1/8"	2	6047 1/4 1/8 2	17,24
1/4"	1/8"	3	6047 1/4 1/8 3	23,62
1/4"	1/8"	4	6047 1/4 1/8 4	30,66
1/4"	1/8"	5	6047 1/4 1/8 5	39,32
1/4"	1/8"	6	6047 1/4 1/8 6	46,16
3/8"	1/4"	2	6047 3/8 1/4 2	20,50
3/8"	1/4"	3	6047 3/8 1/4 3	25,17
3/8"	1/4"	4	6047 3/8 1/4 4	33,28
3/8"	1/4"	5	6047 3/8 1/4 5	41,37
3/8"	1/4"	6	6047 3/8 1/4 6	49,85
1/2"	3/8"	2	6047 1/2 3/8 2	25,55
1/2"	3/8"	3	6047 1/2 3/8 3	30,58
1/2"	3/8"	4	6047 1/2 3/8 4	38,49
1/2"	3/8"	5	6047 1/2 3/8 5	45,18
1/2"	3/8"	6	6047 1/2 3/8 6	52,97

# COMPONENTES NEUMÁTICOS

## PNEUMATIC COMPONENTS

### GRUPO COMPLETO · COMPLETE GROUP

#### ELEMENTOS · ELEMENTS

- FILTRO · FILTER
- REGULADOR · PRESSURE REDUCERS
- LUBRICADOR · LUBRICANTS
- MANÓMETRO · PRESURE GAUGES
- SOPORTE · SUPPORT



### TRATAMIENTO DE AIRE COMPRIMIDO

COMPRESSED AIR TREATMENT



### MANIOBRAS · MANEUVERS

ACCIONAMIENTOS: ELÉCTRICO, MANUAL, MECÁNICO, NEUMÁTICO

DRIVES: ELECTRIC, MANUAL, MECHANICAL, PNEUMATIC

PISTOLA / SILENCIADOR / NEBULIZADOR

GUN / SILENCER / NEBUIZER

### ACCESORIOS · ACCESSORIES

#### VÁLVULAS · VALVES:

- BOLA · BALL
- REGULADOR · REGULATOR
- ANTIRETORNO · NON-RETURN
- ESCAPE RÁPIDO · QUICK EXHAUST
- SEGURIDAD · RELIEF



### VÁLVULAS DE CONTROL

CONTROL VALVES



### VÁLVULAS COMPLETAS · COMPLETES VALVES

- LATÓN · BRASS
- INOX · STAINLESS STEEL

### ACCESORIOS · ACCESSORIES

- BOBINAS · COILS
- CONECTORES · CONNECTORS
- MEMBRANAS · MEMBRANES
- ...



### VÁLVULAS DE CORTE

LOW PRESSURE VALVES



### CILINDROS COMPLETOS · COMPLETE CYLINDERS

- ISO 1552
- ISO 6432
- DOBLE EJE · DOUBLE-SHAFT

### ACCESORIOS · ACCESSORIES

- HORQUILLAS · ROD CLEVIS
- RÓTULAS · OSCILLATING EYE
- CHARNELAS · PIVOTS
- ...



### CILINDROS COMPLETOS

COMPLETE CYLINDERS



VER CATÁLOGO DE COMPONENTES HIDRÁULICOS Y NEUMÁTICOS  
SEE OUR HYDRAULIC AND PNEUMATIC COMPONENTS CATALOGUE



**MINI-SERIE MIGNON** 422

Enchufes mini - serie mignon  
SVK Serie Mini / Serie Mignon  
Coupleurs mini - série mignon

**MINI-SERIE UNI ISO 6150 B-12** 423

Enchufes mini - serie uni ISO 6150 B-12  
SVK Serie Uni ISO 6150 B-12  
Coupleurs mini - série uni ISO 6150 B-12

**MINI-SERIE MULTIPRESS** 424

Enchufes mini - serie multipresa  
SVK Serie Mehrfachdruck  
Coupleurs mini - série multiprise

**QUICK RELEASE COUPLINGS "ESTO"** 425

Enchufes rápidos ESTO  
SVK ESTO  
Coupleurs rapides type ESTO

# 03

## **QUICK RELEASE PNEUMATIC COUPLINGS**

Enchufes rápidos neumáticos  
SVK

Coupleurs pneumatiques



## MINI-SERIE MIGNON

Enchufes mini - serie mignon  
 SVK Serie Mini / Serie Mignon  
 Coupleurs mini - série mignon

Screw ▪ Roscados ▪ Mit Gewinde ▪ Fileté | 422



With hose tail ▪ Con espiga ▪ Mit Stutzen ▪ Avec embout | 422



Push-on ▪ Push-on ▪ Steckverbinder ▪ Push-on | 422



## MINI-SERIE UNI ISO 6150 B-12

Enchufes mini - serie uni ISO 6150 B-12

SVK Serie Uni ISO 6150 B-12

Coupleurs mini - série uni ISO 6150 B-12

Screwed ▪ Roscados ▪ Mit Gewinde ▪ Fileté

| 423



121



221



122



222

With hose tail ▪ Con espiga ▪ Mit Stutzen ▪ Avec embout

| 423



125



225

Push-on ▪ Push-on ▪ Steckverbinder ▪ Push-on

| 423



223

**MINI-SERIE MULTIPRESS**

Enchufes mini - serie multipresa

SVK Serie Mehrfachdruck

Coupleurs mini - série multiprise

Screw ▪ Roscado ▪ Mit Gewinde ▪ Fileté

| 424



191



192

With hose tail ▪ Con espiga ▪ Mit Stutzen ▪ Avec embout

| 424



195

Push-on ▪ Push-on ▪ Steckverbinder ▪ Push-on

| 424



194



193

## QUICK RELEASE COUPLINGS "ESTO"

Enchufes rápidos ESTO  
SVK ESTO  
Coupleurs rapides type ESTO

Quick couplings 1/4 ▪ Enchufes 1/4 ▪ SVK 1/4 ▪ Coupleurs 1/4

| 425



ESTO 1

ESTO 1

ESTO 1

Quick couplings 3/8 ▪ Enchufes 3/8 ▪ SVK 3/8 ▪ Coupleurs 3/8

| 425



ESTO 3

ESTO 3

Quick couplings 1/2 ▪ Enchufes 1/2 ▪ SVK 1/2 ▪ Coupleurs 1/2

| 425



ESTO 2

ESTO 2

## MINI-SERIE MIGNON

Enchufes mini - serie mignon  
SVK Serie Mini / Serie Mignon  
Coupleurs mini - série mignon

### Coupling Mignon female - M BSP parallel

Enchufe Mignon hembra-M BSP cilíndrico

SVK w - m BSP zyl. Mignon

Coupleur femelle à mâle- série mignon



ROSCA THREAD	Referencia Part n°	€
1/8"	111 1/8	7,34
1/4"	111 1/4	8,40
3/8"	111 3/8	8,63

### Coupling Mignon male - M BSP parallel

Enchufe Mignon macho-M BSP cilíndrico

SVK m - m BSP zyl. Mignon

Coupleur mâle à mâle- série mignon



ROSCA THREAD	Referencia Part n°	€
1/8"	211 1/8	1,68
1/4"	211 1/4	2,26
3/8"	211 3/8	2,86

### Female socket-serie mignon

Enchufe Mignon hembra-H BSP cilíndrico

SVK w - w BSP zyl. Serie Mignon

Coupleur femelle à femelle- série mignon



ROSCA THREAD	Referencia Part n°	€
1/8"	112 1/8	8,16
1/4"	112 1/4	7,98
3/8"	112 3/8	8,39

### Coupling Mignon male-F BSP parallel

Enchufe Mignon macho-H BSP cilíndrico

SVK m - w BSP Serie Mignon

Coupleur mâle à femelle- série mignon



ROSCA THREAD	Referencia Part n°	€
1/8"	212 1/8	1,72
1/4"	212 1/4	2,49
3/8"	212 3/8	2,51

### Coupling Mignon female-hose tail

Enchufe Mignon hembra-espiga

SVK w für Gummischlauch Serie Mignon

Coupleur femelle à douille- série mignon



DN	Referencia Part n°	€
4	115 4	11,50
6	115 6	11,50
8	115 8	11,50

### Coupling Mignon male-hose tail

Enchufe Mignon macho-espiga

SVK m für Gummischlauch Serie Mignon

Coupleur mâle à douille- série mignon



DN	Referencia Part n°	€
4	215 4	1,99
6	215 6	1,99
8	215 8	2,41

### Coupling Mignon female-push-on

Enchufe Mignon hembra-push-on

SVK w - Push-on Serie Mignon

Coupleur femelle à tube- série mignon



TUBO PIPE	Referencia Part n°	€
6/4 mm	114 6/4	12,21
8/6 mm	114 8/6	12,00

### Coupling Mignon male - push-on

Enchufe Mignon macho-push-on

SVK m-Push-on Serie Mignon

Coupleur mâle à tube- série mignon



TUBO PIPE	Referencia Part n°	€
6/4 mm	214 6/4	3,11
8/6 mm	214 8/6	3,29

### Coupling Mignon female - push-on w/nut+spring

Enchufe Mignon hembra-push-on c/muelle

SVK w-Push-on mit Feder Serie Mignon

Coupleur femelle à tube ressort- série mignon



TUBO PIPE	Referencia Part n°	€
6/4 mm	113 6/4	13,99
8/6 mm	113 8/6	13,99

### Coupling Mignon male - push-on w/nut+spring

Enchufe Mignon macho-push-on c/muelle

SVK m-Push-on mit Feder Serie Mignon

Coupleur mâle à tube ressort- série mignon



TUBO PIPE	Referencia Part n°	€
6/4 mm	213 6/4	4,82
8/6 mm	213 8/6	5,57

# MINI-SERIE UNI ISO 6150 B-12

Enchufes mini - serie uni ISO 6150 B-12  
SVK Serie Uni ISO 6150 B-12  
Coupleurs mini - série uni ISO 6150 B-12

## Coupling UNI ISO 6150 B-12 female-M BSP

Enchufe UNI ISO 6150 B-12 hembra-M BSP

SVK w - m BSP Serie UNI ISO 6150 B-12

Coupleur femelle à mâle- série uni ISO 6150 B-12



ROSCA THREAD	Referencia Part n°	€
1/4"	121 1/4	6,07
3/8"	121 3/8	7,14
1/2"	121 1/2	7,06

## Coupling UNI ISO 6150 B-12 male-M BSP

Enchufe UNI ISO 6150 B-12 macho-M BSP

SVK m - m BSP Serie UNI ISO 6150 B-12

Coupleur mâle à mâle- série uni ISO 6150 B-12



ROSCA THREAD	Referencia Part n°	€
1/4"	221 1/4	0,93
3/8"	221 3/8	1,49
1/2"	221 1/2	2,33

## Coupling UNI ISO 6150 B-12 female-F BSP

Enchufe UNI ISO 6150 B-12 hembra-H BSP

SVK w - w BSP Serie UNI ISO 6150 B-12

Coupleur femelle à femelle- série uni ISO 6150 B-12



ROSCA THREAD	Referencia Part n°	€
1/4"	122 1/4	6,07
3/8"	122 3/8	6,26
1/2"	122 1/2	6,89

## Coupling UNI ISO 6150 B-12 male-F BSP

Enchufe UNI ISO 6150 B-12 macho-H BSP

SVK m - w BSP Serie UNI ISO 6150 B-12

Coupleur mâle à femelle- série uni ISO 6150 B-12



ROSCA THREAD	Referencia Part n°	€
1/4"	222 1/4	1,06
3/8"	222 3/8	1,74
1/2"	222 1/2	2,84

## Socket with rest for rubber hose-serie UNI ISO 6150 B-12

Enchufe UNI ISO 6150 B-12 hembra-espiga

SV-Muffe für Gummischlauch - Serie Uni ISO 6150 B-12

Coupleur femelle à douille- série UNI ISO 6150 B-12



DN	Referencia Part n°	€
6	125 6	6,12
8	125 8	6,27
10	125 10	6,49
12	125 12	6,57

## Coupling UNI ISO 6150 B-12 male-hose tail

Enchufe UNI ISO 6150 B-12 macho-espiga

SV-Stecker für Gummischlauch - Serie Uni ISO 6150 B-12

Coupleur mâle à douille- série UNI ISO 6150 B-12



DN	Referencia Part n°	€
6	225 6	1,47
8	225 8	1,63
10	225 10	1,77
12	225 12	2,01

## Coupling UNI ISO 6150 B-12 male-push-on w/nut+spring

Enchufe UNI ISO 6150 B-12 macho-push-on c/ muelle

SVK m-Push-on mit Feder Serie UNI ISO 6150 B-12

Coupleur mâle à tube ressort- série UNI ISO 6150 B-12



TUBO PIPE	Referencia Part n°	€
6/4 mm	223 6/4	5,40
8/6 mm	223 8/6	5,80
10/8 mm	223 10/8	6,34
12/10 mm	223 12/10	7,08



## MINI-SERIE MULTIPRESS

Enchufes mini - serie multipresa  
SVK Serie Mehrfachdruck  
Coupleurs mini - série multiprise

### Coupling multisocket female-M BSP

Enchufe multipresa hembra-M BSP

SVK w - m BSP Serie Multisocket

Coupleur femelle à mâle- série multiprise



ROSCA THREAD	Referencia Part n°	€
1/4	191 1/4	14,96
3/8	191 3/8	14,96
1/2	191 1/2	16,12

### Coupling multisocket female-F BSP

Enchufe multipresa hembra-H BSP

SVK W - w BSP Serie Multisocket

Coupleur femelle à femelle- série multiprise



ROSCA THREAD	Referencia Part n°	€
1/4	192 1/4	15,98
3/8	192 3/8	15,98
1/2	192 1/2	17,16

### Coupling multisocket female-hose tail

Enchufe multipresa hembra-espiga

SVK Multisocket w für Gummischlauch

Coupleur femelle à douille- série multiprise



DN	Referencia Part n°	€
6	195 6	15,98
8	195 8	15,98
10	195 10	15,98
12	195 12	15,98

### Coupling multisocket female-push-on

Enchufe multipresa hembra-push-on

SVK w-Push-on Serie Multisocket

Coupleur femelle à tube- série multiprise



TUBO PIPE	Referencia Part n°	€
6/4 mm	194 6/4	13,97
8/6 mm	194 8/6	14,30
10/8 mm	194 10/8	16,30

### Coupling multisocket female-push-on w/nut+spring

Enchufe multipresa hembra-push-on c/ muelle

SVK w-Push-on mit Feder Serie Multisocket

Coupleur femelle avec ressort- série multiprise



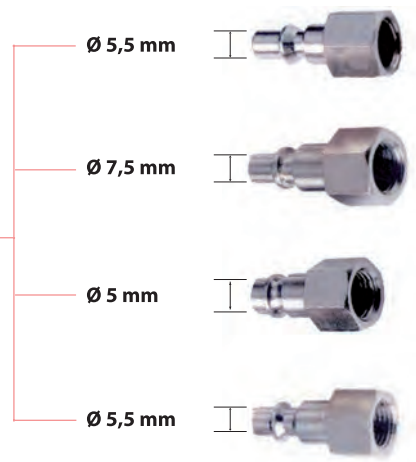
TUBO PIPE	Referencia Part n°	€
6/4 mm	193 6/4	18,13
8/6 mm	193 8/6	20,61
10/8 mm	193 10/8	20,61

Normativa | Standard | Standard

# 41 ENCHUFE PARA NORMATIVAS



1 socket for 4 standards  
1 corps pour 4 embouts



SUECA / SWEDISH / SUEDOISE

EUROPEA / EUROPEAN / EUROPEENNE

ITALIANA / ITALIAN / ITALIENNE

UNI ISO 6150 B-12

# QUICK RELEASE COUPLINGS "ESTO"

Enchufes rápidos ESTO  
SVK ESTO  
Coupleurs rapides type ESTO

## Coupling Esto female 1/4

Enchufe Esto hembra 1/4

SVK Esto W 1/4

Couleur femelle 1/4



ROSCA THREAD	Ø ESPIGA Ø NIPPLE	Referencia Part n°	€
M 1/4" BSPT	-	ESTO 110	27,68
M 3/8" BSPT	-	ESTO 140	28,67
M 1/2" BSPT	-	ESTO 142	28,67
H 1/4" BSP	-	ESTO 120	27,68
H 3/8" BSP	-	ESTO 150	28,67
-	8 mm	ESTO 130	29,83
-	10 mm	ESTO 131	29,83

## Coupling Esto ECO female 1/4

Enchufe Esto ECO hembra 1/4

SVK Esto ECO W 1/4

Coupleurs 1/4 ECO



ROSCA THREAD	Ø ESPIGA Ø NIPPLE	Referencia Part n°	€
M 1/4" BSPT	-	ESTO 1110	25,40
M 3/8" BSPT	-	ESTO 1140	25,80
M 1/2" BSPT	-	ESTO 1142	25,80
H 1/4" BSP	-	ESTO 1120	25,40
H 3/8" BSP	-	ESTO 1150	25,80
H 1/2" BSP	-	ESTO 1152	28,31
-	8 mm	ESTO 1130	26,96
-	10 mm	ESTO 1131	26,96
-	12/13 mm	ESTO 1132	26,96
-	6 mm	ESTO 1136	26,96

## Coupling Esto male 1/4

Enchufe Esto macho 1/4

SVK Esto M 1/4

Couleur embout mâle 1/4



ROSCA THREAD	Ø ESPIGA Ø NIPPLE	Referencia Part n°	€
M 1/4" BSPT	-	ESTO 160	6,36
M 3/8" BSPT	-	ESTO 163	7,84
M 1/2" BSPT	-	ESTO 162	13,89
H 1/4" BSP	-	ESTO 170	6,36
H 3/8" BSP	-	ESTO 173	8,33
-	6 mm	ESTO 181	6,36
-	8 mm	ESTO 180	6,36
-	10 mm	ESTO 182	6,36

## Coupling Esto female 3/8

Enchufe Esto hembra 3/8

SVK Esto W 3/8

Couleur femelle 3/8



ROSCA THREAD	Ø ESPIGA Ø NIPPLE	Referencia Part n°	€
M 3/8" BSPT	-	ESTO 310	49,18
M 1/2" BSP	-	ESTO 312	49,18
H 3/8" BSP	-	ESTO 320	50,62
-	12 mm	ESTO 330	50,17

## Coupling Esto male 3/8

Enchufe Esto macho 3/8

SVK Esto M 3/8

Couleur embout mâle 3/8



ROSCA THREAD	Ø ESPIGA Ø NIPPLE	Referencia Part n°	€
M 3/8" BSPT	-	ESTO 360	11,15
H 3/8" BSP	-	ESTO 370	11,15
-	12 mm	ESTO 380	11,51

## Coupling Esto female 1/2

Enchufe Esto hembra 1/2

SVK Esto W 1/2

Couleur femelle 1/2



ROSCA THREAD	Referencia Part n°	€
M 1/2" BSPT	ESTO 210	65,93
H 1/2" BSP	ESTO 220	65,93

## Coupling Esto male 1/2

Enchufe Esto macho 1/2

SVK Esto M 1/2

Couleur embout mâle 1/2



ROSCA THREAD	Referencia Part n°	€
M 1/2" BSPT	ESTO 260	13,80
H 1/2" BSP	ESTO 270	16,12



MALE BSPT

FEMALE BSP

NIPPLE

# Condiciones de venta

## General conditions of sale

### GENERALIDADES

Estas condiciones así como las eventuales condiciones especiales acordadas en el contrato rigen para todas las entregas y todas las prestaciones. Las condiciones de compra del cliente que sean distintas a las aquí establecidas no llegarán a formar parte del contrato al aceptar el pedido. Los contratos se celebran, salvo en el caso de que se haya acordado lo contrario, mediante confirmación escrita del proveedor. En ningún caso, las Condiciones Generales y/o Específicas de Compra del Comprador, anularán o sustituirán estas Condiciones Generales de Venta.

La aceptación de nuestras ofertas implica tácitamente la de todas las condiciones aquí detalladas, salvo las especiales acordadas por escrito, particularmente en la misma Oferta o detalladas en nuestro acuse de recepción de pedido, únicos documentos que nos obligan ante el Cliente.

DICSA se reserva el derecho de propiedad y el derecho de propiedad intelectual de muestras, presupuestos, planos e información en forma material o inmaterial así como en forma electrónica; el acceso de terceros a éstos ha de impedirse.

### OFERTAS Y PEDIDOS

Los precios se entienden, caso de no expresar lo contrario para mercadería situada en nuestro almacén, incluyendo el cargado de ésta, pero sin incluir el embalaje ni el transporte al lugar de recepción, ni impuestos –que serán siempre a cargo del comprador-, así como tampoco la puesta en marcha en el emplazamiento. Todas las operaciones de transporte, seguro, manutención y entrega son a cuenta y riesgo del Comprador.

Las ofertas incluyen solamente los materiales y artículos en ellas especificados disponibles en stock salvo agotamiento y por el plazo de validez determinado en las mismas.

Los estudios u ofertas de material están basados en los precios vigentes en la fecha de su realización, y si, debido a alteraciones en el coste de los materiales, modificación de aranceles o a cualquier otra causa, el nivel de precios fuese revisado, los precios que se aplicarían serían aquellos que rijan en la fecha del suministro, a menos que la oferta sea aceptada dentro del plazo de validez que en la misma se fije.

Los precios no incluyen, excepto notificación expresa, el montaje y la puesta en marcha de los materiales suministrados, los fluidos recomendados por los servicios técnicos de los fabricantes, los contenedores tanto rígidos como elásticos de los materiales, así como el estudio de implantación de los distintos materiales.

DICSA podrá variar el precio, como consecuencia de cualquier ley que afecte a materiales, salarios o a las horas de trabajo y también a posible cambios en la paridad de la moneda, en elementos de importación.

Los pedidos no serán tomados en consideración a menos que vengan acompañados de la cantidad a cuenta prevista en nuestra Oferta, si así se ha establecido.

La aceptación de la Oferta supondrá igualmente la aceptación sin reservas de estas Condiciones Generales de Venta.

### ESTUDIOS, PLANOS Y DISEÑOS

La información relacionada con la oferta, tal como planos, diseños, dibujos catálogos y/u otra documentación técnica, es solamente informativa y tienen como objeto dar una imagen general de los materiales en ellos descritos, no formando parte del contrato a menos que haya habido algún acuerdo por escrito. DICSA no aceptará ningún tipo de responsabilidad por la inexactitud u omisión de dicha documentación.

El Cliente deberá hacer siempre un estudio previo de compatibilidad y de montaje de los elementos en su instalación y será el único responsable de la puesta en conformidad de dicha instalación con las distintas reglamentaciones vigentes.

En presupuestos, planos, esquemas y otras informaciones técnicas, mantendremos reservado el derecho de propiedad y de realización, no permitiendo que estos sean facilitados a terceros sin nuestro previo consentimiento escrito.

DICSA se reserva el derecho de propiedad de la mercancía suministrada hasta el pago completo del precio establecido. DICSA se reserva el derecho de propiedad de los planos de la mercancía, que no serán facilitados ni vendidos a terceros en ningún caso.

### TRABAJOS IN SITU

Los presupuestos de los trabajos realizados en el lugar de la obra del cliente son considerados orientativos, debido a las características particulares y especiales que pueden representar, no pudiendo dar lugar, excepto acuerdo definitivo entre las partes, en precios definitivos.

### REPARACIÓN

Los trabajos de reparación no se empezarán hasta la aceptación escrita, por parte del Cliente, del presupuesto y de las condiciones que se establezcan.

En el supuesto de que el presupuesto no sea aceptado por el Cliente en el plazo de un mes, los gastos derivados del desmontaje, almacenaje, peritaje y portes correrán a cargo del Cliente. Si el Cliente solicita la reparación antes de aceptar el presupuesto, los trabajos se llevarán a cabo lo antes posible y, por su parte, el Cliente deberá aceptar el coste final de la reparación.

En caso de entregarse productos nuevos a cambio de la reparación, si esta estuviera fuera de garantía el Cliente deberá aceptar el cargo correspondiente a la misma.

### GENERAL TERMS

*These conditions, together with the eventual specific conditions accorded in the contract, apply to all deliveries and all services. The purchase conditions of the customer, if different from those herein established, will not be part of the contract on having accepted the order.*

*The contracts are concluded, unless otherwise agreed upon by the Parties in writing, by means of written confirmation of the supplier. The General Conditions and/or Specific Conditions of Purchase of the Buyer, cannot, in no case, cancel or replace these General Conditions of Sale.*

*The acceptance of our offers implies tacitly the acceptance of all the conditions detailed herein, except the special ones that have the agreement in writing, particularly in the same offer or detailed in our accuse of receipt of order, the only documents that oblige us before the Customer. DICSA has the right of property and the right of intellectual property of samples, budgets, technical documentation and information in material or immaterial form as well as in electronic form; the access of third parties to these documents must be forbidden.*

### OFFERS AND ORDERS

*Except in case of having expressed the opposite, the prices include the merchandise placed in our store, including its loading, but without including the packing nor the transport to the place of receipt, nor taxes, nor the getting started - these will always be at the expense of the customer. All the operations of transport, insurance, handling and delivery are on the account and risk of the Customer.*

*The offers include only the materials and products expressed in them, available in stock until end of stock, with the term of validity expressed in the same offers.*

*The studies or offers of material are based on the prices on the date the offer was made, and if, due to changes in the cost of the materials, modification of duties or to any other reason, the level of prices was checked, the prices that would be applied would be those that apply in the date of the delivery, unless the offer is accepted in the term of validity expressed in it.*

*The prices do not include, unless specific notification, the assembly and the getting started of the supplied materials, the fluids recommended by the technical services of the suppliers, the containers of the materials, as well as the study of the setting up of the different materials. DICSA may change the price, as a consequence of any law that concerns materials, wages, or the working hours, but also as a consequence of probable changes in the parity of the currency since it concerns the elements of import.*

*The orders will not be taken in consideration unless they are provided with the specific amount in our account, foreseen in our Offer, if this condition has been pre-established. The acceptance of the Offer will suppose equally the acceptance without reserve of these General Conditions of Sale.*

### STUDIES, TECHNICAL DOCUMENTATION

*The information related to the offer, as technical documentation, designs, drawings, catalogues and / or any other technical documentation, is only informative and they have as object to give a general image of the materials described in them, they do not form a part of the contract unless written agreement. DICSA will not accept any type of responsibility for inaccuracy or omission of the above mentioned documentation.*

*The Customer will always have to do a previous study of compatibility and of assembly of the elements in his installation and will be the only responsible for the putting in conformity of the above mentioned installation with the current regulations. In offers, drawings, schemes and other technical information, we reserve ourselves the right of property and of design, not allowing that these should be facilitated to third parties without our previous written assent.*

*DICSA retains the property of the supplied merchandise until full payment of the agreed price. DICSA also retains the property of the Product's project, which in no circumstances shall be disclosed or sold to third parties.*

### THE ASSEMBLIES AT THE LOCATION (PLANT) OF THE CUSTOMER

*The offers of the assemblies done for the customer, in his elected location of work, are considered as an estimate (approximate calculation), due to the particular and special characteristics that they can represent, not being able to give place, except final agreement between the parts, to final prices.*

### REPAIRMENT

*The works of repair will not begin until written acceptance, on the part of the Customer, of the offer and of the conditions established in it. Supposing that the offer is not accepted by the Customer within one month, the expenses derived from the disassembly, storage, survey and freightage will be chargeable to the Customer. If the Customer requests the repair before accepting the offer, the assemblies will be carried out as soon as possible and, for his part, the Customer will have to accept the final cost of the repair.*

*In case of delivery of new products in exchange for the repair, if this one was out of guarantee, the Customer will have to accept the payment corresponding to it. The budgets of repair are always as estimation and should not be considered as final prices.*

### DELIVERY TERMS

*DICSA saves itself the right to reject an order depending on the availability of the products. In this supposition, DICSA will communicate it to the Customer as promptly as possible.*

# Condiciones de venta

## General conditions of sale

Los presupuestos de reparación siempre son orientativos y en ningún caso deben tomarse como precios finales.

### PLAZOS DE ENTREGA

DICSA se reserva la facultad de rechazar un pedido en función de la disponibilidad de los productos. En este supuesto, lo comunicará al comprador con la mayor brevedad posible.

El plazo de entrega será acordado por las partes contractuales. Los plazos de entrega se calcularán desde la fecha de recepción de la confirmación del pedido, pudiendo DICSA proceder sin interrupción alguna. DICSA no será responsable de las demoras en el suministro de toda o parte de la mercancía en el caso de fuerza mayor, tal como catástrofes naturales, limitaciones legales, huelgas, etc., o cualquier otra causa fuera de nuestro control. En el caso de darse alguna de las razones anteriormente citadas, el periodo de entrega se hará extensible al mismo periodo de tiempo que dure la causa que haya motivado el retraso. Sin embargo, si el periodo excediera de seis meses, DICSA podrá cancelar la parte no enviada notificando previamente por escrito al comprador.

Procuramos con el mayor interés, cumplir los plazos de entrega que se indican en nuestras ofertas o en nuestras confirmaciones de pedido, si bien es materialmente imposible responder plenamente de dicho cumplimiento, por depender de otros proveedores y de inesperadas circunstancias totalmente ajenas a nuestro posible control.

De ahí que no se aceptarán sanciones por demora en la entrega prevista.

### DERECHO DE PROPIEDAD

DICSA mantiene la propiedad de la mercancía hasta que el comprador realice el pago por completo de la misma.

Será responsabilidad del comprador tomar las medidas necesarias para conservar en buen estado la mercancía hasta que haya sido pagada, debiendo asegurarse a DICSA el cobro de la misma en caso de haber sido vendida a terceras personas por el comprador.

### GARANTÍA

No se responderá de ninguna reclamación que no sea efectuada dentro de los 12 meses siguientes a la entrega de la mercancía, ni se aceptarán devoluciones sin autorización previa o pasados 15 días desde la entrega de la mercancía. En cualquier caso, toda devolución deberá ir acompañada de copia de nuestra autorización y, siempre que no sea por causas imputables a DICSA, conllevará un recargo mínimo del 20 % sobre el coste del material devuelto, corriendo todos los gastos a cargo del cliente.

En relación con los defectos que aparezcan en los productos suministrados, DICSA aceptará como única responsabilidad u obligación, abonar la pieza o piezas defectuosas siempre que la mercancía haya sido tratada adecuadamente y que los defectos surgidos sean debidos a defectos de material o fabricación.

La garantía comprende la reposición o reparación de los elementos defectuosos a realizar en nuestros talleres.

La garantía se entiende siempre con el material presumiblemente defectuoso depositado en nuestras instalaciones, con los gastos de transporte y riesgo a cargo del comprador.

Los consejos y asesoramiento dados antes y post cierre del contrato, se realizan con la mejor intención y según nuestros máximos conocimientos, no obstante DICSA no asume ninguna clase de responsabilidades a este respecto, ni responderá de los eventuales daños directos o indirectos que indistintamente, por quién, dónde y por qué puedan producirse.

DICSA no será responsable de ninguna consecuencia o ningún daño indirecto producido al Comprador o a terceros, incluyendo los daños de pérdida de oportunidades, negocio o ingresos.

DICSA garantiza exclusivamente sus materiales excluyendo cualquier responsabilidad por los efectos o perjuicios que estos puedan provocar en instalaciones, maquinarias o circuitos. En ningún caso se responsabilizará de los accidentes personales o materiales y pérdidas de producción.

Se excluye de la garantía las averías producidas por mal uso o deficiente instalación, averías provocadas por sometimiento de los equipos a esfuerzos anormales con fines experimentales, de ajuste o prueba. La total responsabilidad de DICSA por los daños causados, independientemente del tipo de acción o teoría de la responsabilidad, no excederá del importe de la obra, instalación o materiales que haya sido objeto de pedido a DICSA. Cualquier importe que supere dicha cantidad y que DICSA se vea obligada a soportar ya sea por decisión judicial, arbitral o similar, será repetida a la compradora hasta lograr indemnidad.

Se encuentran excluidos de esta garantía:

- El uso de instalaciones o servicios, que se aparten de los manuales de instrucción o especificaciones de DICSA.
- El uso inadecuado de instalaciones o negligencia del Comprador, sus Ayudantes o Agentes.
- Las partes suministradas por el Comprador.

### PORTES

La mercancía se entiende siempre depositada en el domicilio de DICSA, incluso en operaciones condicionadas a la entrega en destino y la mercancía siempre

*The delivery time has to be approved by the contractual parts. The delivery time will be calculated from the date of receipt of the confirmation of the order, when DICSA will be able to proceed without any interruption. DICSA will not be responsible for the delays in the supply of all or in part of the goods in case of major force, such as natural catastrophes, legal limitations, strikes, etc., or any other reason beyond our control. In case of any of the reasons previously mentioned, the period of delivery will be extensible to the same period of time that lasts the reason that has motivated the delay. Nevertheless, if the period exceeds six months, DICSA may cancel the part that couldn't be sent, by previously notifying the Customer in writing.*

*We do our best to respect the delivery times that are indicated in our offers or in our order confirmations, though it is materially impossible to answer completely for the above mentioned fulfillment, since we depend on other suppliers and on unexpected circumstances totally foreign to our possible control. Won't be accepted any sanctions for the delay in the foreseen delivery.*

### RIGHT OF PROPERTY

*DICSA maintains the property of the materials (products) until the Customer makes the payment in full of the merchandise.*

*The Customer is responsible for taking the necessary actions to preserve in good condition the merchandise until it has been paid, must insure DICSA of the payment of the same one in case of having being sold to third persons by the Customer.*

### WARRANTY

*We won't attend any claim done after the 12 months following the delivery of the merchandise. Returned material will not be allowed without previous authorization or when the time between the purchase and the request for return exceeds 15 days.*

*In any case, all returned merchandise will have to be accompanied by a copy of our authorization and, providing that it is not for reasons attributable to DICSA, will carry a minimal surcharge of 20 % on the cost of the returned material, all the expenses will be charged to the customer. Concerning the faults that appear in the supplied products, DICSA will only accept as unique responsibility or obligation, the paying of the product or defective products providing that the products (merchandise) have been treated adequately and that the arisen faults are due to faults of material or manufacture.*

*The warranty includes the replacement or repair of the defective elements in our workshops. The warranty is understood always in relation with the presumably defective material deposited in our warehouse, but the costs of transport and the risk being at the expense of the Customer. The advices given before and post closing of the contract, are made with the best intention and according to our know-how, nevertheless DICSA does not assume any category of responsibilities in this regard, nor will answer of the eventual direct or indirect damages that could take place indistinctly, no matter who, where and why they may take place.*

*DICSA will not be responsible for any consequence or indirect damages occurred to the Customer, and / or third Parties including but not limited to loss of opportunities, business and incomes.*

*DICSA guarantees exclusively its own materials, excluding any responsibility for the effects or damages that these could provoke in facilities, equipments or condictions. In no case will take responsibility for accidents related to individuals or materials or for losses in fabrication.*

*The warranty excludes the breakdowns produced by badly use or deficient installation, breakdowns provoked by overloading of the equipments for experimental purposes, either for adjustment or testing. DICSA's total responsibility for the caused damages, independently of the type of action or theory of the responsibility, will not exceed the amount of the work done, installation or materials that have been object of the order to DICSA.*

*Any amount that exceeds the above mentioned quantity, and any amount that DICSA will have to support either for judicial, arbitral or similar decision, will be transmitted to the Customer until obtaining indemnity.*

*Will be excluded from this warranty:*

- *The use of facilities or services, which are different of those included in the manuals of instruction or in DICSA's specifications.*
- *The inadequate use of facilities or negligence of the Customer, his Assistants or Agents.*
- *The parts supplied by the Customer.*

### FREIGHTAGES

*By merchandise we always mean the one deposited in DICSA's warehouse, even in operations conditioned by the delivery at destination and the merchandise will always travel at the account and risk of the Customer, being at his charge, including the additional insurances that could be established and the special permissions it may need. According to what it is established in the article 18 of the Royal decree 782/1998 concerning wrapping and packaging mentioned in the 1<sup>st</sup> additional Disposition (Regulation) of the Law 11/1997, the person responsible for the delivery of the residues of the packaging and worn packages, for the correct environmental management, will be the final user.*

### EMERGENCY DELIVERIES

*No matter the type of the transportation used: by plane, courier, as baggage (luggage), special agencies, messengers etc; independently of the amount of the above mentioned service, the Customer will pay all the extra expenses, those of trans-*

# Condiciones de venta

## General conditions of sale

viajará por cuenta y riesgo del comprador, siendo a su cargo inclusive los seguros adicionales que pudieran establecerse y los permisos especiales a que hubiera lugar.

Según se establece en el artículo 18 del Real Decreto 782/1998 para los envases y embalajes acogidos a la Disposición adicional 1.<sup>a</sup> de la Ley 11/1997, el responsable de la entrega de los residuos de los embalajes y envases usados, para su correcta gestión ambiental, será el usuario final.

### ENVÍOS DE EMERGENCIA

Sea cual fuere el medio de transporte utilizado, avión, courier, régimen de equipajes, agencias especiales, mensajeros etc. Independientemente del importe de dicho servicio, el comprador correrá con todos los gastos extra, los de acarreo, de desplazamientos, y de comunicaciones que el servicio haya ocasionado, sin que en ningún caso este valor pueda ser inferior a 60 euros.

### PEDIDOS ESPECIALES

Todo pedido de material especial, conllevará el pago anticipado del 50 % del importe del pedido, como condición indispensable para su aceptación. Dicho importe quedará siempre a favor de DICSА como indemnización en cualquier caso de anulación por parte del comprador, sin perjuicio de las reclamaciones que por Ley se puedan tener derecho.

### VENTA MÍNIMA

La facturación mínima será de 50 € sea cual sea el importe del pedido.

### PAGOS

Los pagos se realizarán como máximo y salvo acuerdo expreso entre las partes, a 60 días desde la fecha de la factura y previa recepción de los informes positivos de crédito. Si el comprador no efectuare el pago de cualquiera de los suministros a su vencimiento, DICSА está autorizado a suspender los envíos posteriores hasta que se realice dicho pago. Cualquier cargo bancario asociado con el pago de la mercancía, así como los gastos de devolución de efectos en caso de impago, serán por cuenta del comprador.

En caso de demora en el pago y sin perjuicio de otros derechos atribuidos al comprador por la legislación en vigor, el comprador abonará a DICSА un interés de demora del 2 % mensual desde la fecha de vencimiento de la factura.

### COBRO DE LETRAS O RECIBOS DEVUELTOS O APLAZADOS

Serán a cargo del librado:

- Gastos de devolución.
- Intereses del 1 % mensual desde el día del vencimiento fallido hasta la fecha de cobro definitivo.
- Posible valor del timbre de nuevos documentos.
- Prima de seguro de crédito.

### PAGOS COINCIDENTES EN VACACIONES

Si el cliente no pudiese atender los pagos que coincidiesen con periodos vacacionales, éstos se trasladarán al mismo día del mes anterior. En caso de existir días fijes de pago, el vencimiento se trasladará al día hábil de pago inmediatamente anterior.

### USO DE SOFTWARE

En la medida en que el volumen de entrega incluye la puesta a disposición de software, el cliente tiene el derecho no exclusivo a usarla incluyendo la documentación adjunta. Se le cede el software para el uso en el objeto de entrega al cual va destinado. No se admite el uso de este software en otro sistema. La modificación, traducción o adaptación de código de objeto a código de origen así como la reproducción de software solamente se admite en la medida legalmente establecida. El cliente se compromete a no retirar las indicaciones del fabricante, especialmente indicaciones del Copyright sin el consentimiento previo de DICSА. Todos los demás derechos sobre el software y la documentación incluyendo las copias, corresponden a DICSА o al proveedor del software. No se admite la concesión de sublicencias.

### DERECHO APLICABLE Y JURISDICCIÓN

Las relaciones jurídicas entre DICSА y el comprador están sujetas al derecho Español. El tribunal competente será el del domicilio de DICSА. Sin embargo, DICSА podrá optar por interponer las acciones legales correspondientes en el domicilio del comprador.

portations, of shipping, and of communications that the service has caused; this value may not, under no circumstance, be lower than 60 euros.

### SPECIAL ORDERS

Any order (request) of special material, will carry the anticipated payment of 50 % of the amount of the order (request), as an indispensable condition for its acceptance. The above mentioned amount will always be in favor of DICSА as compensation in case of cancellation on the part of the Customer, without prejudice of the claims at which they may have right by Law.

### MINIMAL SALE

The minimal invoice will be of 50 €, no matter the amount of the order.

### PAYMENTS

The payments have to be done, except express written agreement between the parts, in maximum 60 days from the date of the invoice and previous receipt of the positive reports of credit. If the Customer doesn't make the payment in time, for a part of the merchandise supplied, DICSА is authorized to suspend the posterior deliveries until the Customer executes the due payments. Any bank charges associated with the payment of the merchandise, as well as the expenses of return of it in case of non-payment, will be at the expense of the Customer. In case of delay in the payment and without prejudice of other rights attributed to the buyer for the legislation in effect, the Customer will pay to DICSА an interest of monthly delay of 2 % starting from the date when the invoice comes to its term.

### UNPAID OR POST-PONED INVOICES

Will be at the expense of the Customer:

- The return expenses.
- Monthly interests of 1 %, from the day when the payment has come to its term and wasn't made, until the date of full payment.
- Possible amount (value) of the stamp of the new documents.
- The credit insurance.

### COINCIDENTAL PAYMENTS IN VACATIONS

If the client could not attend to the payments that were coinciding with vacation periods, these will move to the same day of the previous month. In case there are fixed days of payment, the term of the invoice will move to the immediately previous working day of payment.

### THE SOFTWARE USE

If the delivery includes the putting at the disposal of the Customer software, the Customer has the exclusive right to use it, including the attached documentation. The software is sent for the use in the object of delivery to which it is destined. It is forbidden the use of this software into any other system. The modification, translation or adjustment of the code of object to code of origin as well as the reproduction of software is only admitted into the legally established limits. The Customer promises not to withdraw the indications of the manufacturer, especially the indications of the Copyright, without DICSА's previous assent. All the other rights on the software and the documentation including the copies, they belong to DICSА or to the supplier of the software. The concession of sublicenses is not admitted.

### GOVERNING LAW AND JURISDICTION

These General Conditions and any agreement between DICSА and the Customer shall be exclusively governed by Spanish laws. The exclusive jurisdiction on any dispute between the DICSА and the Customer shall be the courts of DICSА's domicile. Nevertheless, DICSА has also the right to bring legal action against the Customer before the courts of the place of business and/or residence of the Customer.

# SOLICITE NUESTRAS **TARIFAS GENERALES** DE PRECIOS



Racores Inoxidable  
Stainless Steel Fittings



Componentes Hidráulicos y Neumáticos  
Hydraulic and Pneumatic Components

## PLEASE, ASK FOR OUR **GENERAL PRICE LISTS**



## ► Información general

General information

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asia-pacific@dicsaes.com

### DICSA TÜRKIYE

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## Atención al cliente | Customer service

Departamento comercial | Commercial department

Gestión de pedidos | Orders management

### Nacional | National

Tel. 976 464 108  
comercial@dicsaes.com

### Internacional | International

Tel. +34 976 464 106  
export@dicsaes.com

### Nacional | National

Conducciones | Connectors  
Tel. 976 464 100  
976 464 101

Hidráulica | Components  
Tel. 976 464 102  
pedidos@dicsaes.com

### Internacional | International

Tel. +34 976 464 100  
+34 976 464 101  
orders@dicsaes.com

## Otros servicios | Other services

### Dpto. Calidad | Quality Dpt.

Tel. 976 479 545  
calidad@dicsaes.com

### Dpto. Informática | IT Dpt.

Tel. 976 479 555  
informatica@dicsaes.com

### Dpto. Producción | Production Dpt.

Tel. 976 479 543  
produccion@dicsaes.com

### Dpto. Finanzas | Accounting Dpt.

Tel. 976 479 542  
finanzas@dicsaes.com

### Dpto. Compras | Purchasing Dpt.

Tel. 976 464 107  
compras@dicsaes.com

### Oficina de almacén | Warehouse Dpt.

Tel. 976 464 101  
almacen@dicsaes.com





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