

Tarifa General  
Tarif Général  
General Price List  
Listino Prezzi

Fluytex



## Conducciones Hidráulicas y Neumáticas

Connectique Hydraulique et Pneumatique  
Hydraulic and Pneumatic Connectors  
Condutture Idrauliche e Pneumatiche



## Mangueras

Tuyaux  
Hoses  
Tubi flessibili

1

## Racores para tubería flexible

Embouts à sertir  
Flexible hose fittings  
Raccordi per tubi flessibili

2

## Manguera Inox, Racores y Bridas soldables

Tuyau Inox, raccords et brides à souder  
Stainless steel hose, welding fittings and forged flanges  
Tubi Inox, raccordi e flange a saldare

3

## Baja presión

Basse pression  
Low pressure  
Tubi a bassa pressione

4

## Aire acondicionado

Climatisation  
Air conditioned hoses and fittings  
Aria condizionata

5

## Metrología

Test du circuit hydraulique  
Measuring flow  
Test del circuito idraulico

6

## Máquinas tratamiento tubo flexible

Machines pour le montage des flexibles  
Machines for mounting flexibles  
Macchine per l'assemblaggio di tubi flessibili

7

# Mangueras

Tuyaux

Hoses

Tubi flessibili

# 1

Mangueras hidráulicas <b>TrΔle®</b> Tuyaux hydrauliques TrΔle®   Hydraulic hoses TrΔle®   Tubi idraulici TrΔle®	8
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## Mangueras hidráulicas TrΔle®

Tuyaux hydrauliques TrΔle® | Hydraulic hoses TrΔle® | Tubi idraulici TrΔle®

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

### ▶ Mangueras hidráulicas TrΔle® | Tuyaux hydrauliques TrΔle® | TrΔle® Hydraulic hoses | Tubi idraulici TrΔle®

13



MSB21



ML7010



MB22



M2503



M7000



MB23



MS2230



MS3509



MS3511



MS1SC



MS2SC

### ▶ Manguera hidrolavadoras agua caliente TrΔle® | Tuyau lavage haute pression-TrΔle® | TrΔle® Hydrowashing hose for hot water | Tubi per idropulitrici ad acqua calda TrΔle®

15



MSC011...N



MSC011...A



MSC021...N



MSC021...A



MSC022...A



MSC021...G

### ▶ Mangueras multiespiral TrΔle® | Tuyaux multi-spirales TrΔle® | TrΔle® multi-spiral hoses | Tubi multi spirale TrΔle®

16



MS4248/MS4290



M4612



MS4815



MS4569



M4713

## Mangueras hidráulicas Triagle

Tuyaux hydrauliques Triagle | Hydraulic hoses Triagle | Tubi idraulici Triagle

### ▶ Manguera 1 y 2 mallas | Tuyau 1 et 2 tresses | 1 and 2 Braids hoses | Tubi a 1 e 2 trecce metalliche

17



ML2231



ML3509



ML2230



ML3511

### ▶ Manguera hidrolavadoras agua caliente | Tuyau lavage haute pression | Hydrowashing hose for hot water | Tubi per idropulitrici ad acqua calda

17



MC020 G



MC021 A

### ▶ Manguera multiespiral | Tuyau multi-spirales | Multi-spiral hoses | Multi-trecce metalliche

18



ML3601



ML4248/ML4290



M4612



ML4569



M4713



M4815

Hoses

Flexible hose fittings

Stainless steel hoses  
and fittings

Low pressure

Air conditioned hoses  
and fittings

Measuring flow

Machines for  
mounting flexibles

# Mangueras PTFE

Tuyaux PTFE | PTFE hoses | Tubi PTFE

Hoses

Flexible hose fittings

Stainless steel hoses  
and fittings

Low pressure

Air conditioned hoses  
and fittings

Measuring flow

Machines for  
mounting flexibles

## ▶ PTFE liso | PTFE lisse | Smooth PTFE | PTFE liscio

19



M2950



M2900



M29012

## ▶ PTFE corrugado | PTFE convoluté | Convoluted PTFE | PTFE corrugato

19



M2920



M2930



# Mangueras termoplásticas TrΔle®

Tuyaux thermoplastiques TrΔle® | Thermoplastic hoses TrΔle® | Tubi termoplastici TrΔle®

## ▶ Termoplásticas malla textil | Thermoplastique tresse textile | Thermoplastic textile braid | Tubi termoplastici con maglia tessile

20



MT070



MT080



MT071



MT010



MT270



MT280



MT081



MP1890

## ▶ Termoplásticas malla metálica | Thermoplastique tresse métallique | Thermoplastic metallic braid | Tubi termoplastici con maglia metallica

21



MT090



MT099



MT290



MT299



MT700

## ▶ Limpieza de alcantarillas | Tuyau hydrocurage | Sewer jetting hose | Tubi per la pulizia di fognature

22



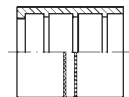
MEC200



MEC210



MEC250



Z21200

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

# Mangueras industriales

Tuyaux industriels | Industrial hoses | Tubi industriali

## Mangueras industriales | Tuyaux industriels | Industrial hoses | Tubi industriali



M8000



MA160



MM20



MA1220



MF80



MAS0



ML2250

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

## Mangueras hidráulicas TrΔle®

Tuyaux hydrauliques TrΔle®

Hydraulic hoses TrΔle®

Tubi idraulici TrΔle®

### Manguera EN 854 R6 / SAE 100 R6



Tuyau EN 854 R6 / SAE 100 R6  
EN 854 R6 / SAE 100 R6 Hose  
Tubi EN 854 R6 / SAE 100 R6

DN	Ø in	REFERENCIA PART N°	€
1/4"	6,3	MSB2104	
5/16"	8,2	MSB2105	
3/8"	9,8	MSB2106	
1/2"	12,9	MSB2108	
5/8"	16,2	MSB2110	
3/4"	19,2	MSB2112	
1"	25,3	MSB2116	

### Manguera SAE 100 R5



Tuyau SAE 100 R5  
SAE 100 R5 Hose  
Tubi SAE 100 R5

DN	Ø in	REFERENCIA PART N°	€
3/16"	4,8	M250304	
1/4"	6,4	M250305	
5/16"	7,9	M250306	
13/32"	10,3	M250308	
1/2"	12,7	M250310	
5/8"	15,9	M250312	
7/8"	22,2	M250316	
1"1/8"	28,6	M250320	
1"3/8"	34,9	M250324	
1"13/16"	46	M250332	

### Manguera SAE 100 R4



Tuyau SAE 100 R4  
SAE 100 R4 Hose  
Tubi SAE 100 R4

DN	Ø in	REFERENCIA PART N°	€
3/4"	19	ML701019	
1"	25,4	ML701025	
1"1/4"	31,8	ML701032	
1"1/2"	38,1	ML701038	
2"	50,8	ML701050	
2"1/2"	63,5	ML701063	

### Manguera CarbuCORD 16 bar



Tuyau CarbuCORD 16 bar  
CarbuCORD hose 16 bar  
Tubi CarbuCORD 16 bar

Ø ext Ø outer	Ø in	REFERENCIA PART N°	€
41	30	M70003041	
44	32	M70003243	
54	40	M70004054	
64	50	M70005064	

### Manguera EN 854 2TE



Tuyau EN 854 2TE  
EN 854 2TE Hose  
Tubi EN 854 2TE

DN	Ø in	REFERENCIA PART N°	€
1/4"	6,4	MB2204	
5/16"	8	MB2205	
3/8"	9,5	MB2206	
1/2"	12,7	MB2208	
5/8"	16	MB2210	
3/4"	19	MB2212	
1"	25,4	MB2216	

### Manguera EN 854 3TE



Tuyau EN 854 3TE  
EN 854 3TE Hose  
Tubi EN 854 3TE

DN	Ø in	REFERENCIA PART N°	€
1/4"	6,4	MB2304	
5/16"	8	MB2305	
3/8"	9,5	MB2306	
1/2"	12,7	MB2308	
5/8"	16	MB2310	
3/4"	19	MB2312	
1"	25,4	MB2316	

## Mangueras hidráulicas TrΔle®

Tuyaux hydrauliques TrΔle®

Hydraulic hoses TrΔle®

Tubi idraulici TrΔle®

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

### Manguera EN 853 1SN / SAE 100 R1AT



Tuyau EN 853 1SN / SAE 100 R1AT  
EN 853 1SN / SAE 100 R1AT Hose  
Tubi EN 853 1SN / SAE 100 R1AT

DN	Ø in	REFERENCIA PART N°	€
3/16"	5	MS223003	
1/4"	6,3	MS223004	
5/16"	8,2	MS223005	
3/8"	9,8	MS223006	
1/2"	12,9	MS223008	
5/8"	16,2	MS223010	
3/4"	19,2	MS223012	
1"	25,3	MS223016	
1"1/4	32,2	MS223020	
1"1/2	38,2	MS223024	
2"	51,2	MS223032	

### Manguera EN 853 2SN / SAE 100 R2AT



Tuyau EN 853 2SN / SAE 100 R2AT  
EN 853 2SN / SAE 100 R2AT Hose  
Tubi EN 853 2SN / SAE 100 R2AT

DN	Ø in	REFERENCIA PART N°	€
1/4"	6,3	MS351104	
5/16"	8,2	MS351105	
3/8"	9,8	MS351106	
1/2"	12,9	MS351108	
5/8"	16,2	MS351110	
3/4"	19,2	MS351112	
1"	25,3	MS351116	
1"1/4	32,2	MS351120	
1"1/2	38,2	MS351124	
2"	51	MS351132	

### Manguera EN 853 2ST / SAE 100 R2A



Tuyau EN 853 2ST / SAE 100 R2A  
EN 853 2ST / SAE 100 R2A Hose  
Tubi EN 853 2ST / SAE 100 R2A

DN	Ø in	REFERENCIA PART N°	€
1/4"	6,3	MS350904	
5/16"	8,2	MS350905	
3/8"	9,8	MS350906	
1/2"	12,9	MS350908	
5/8"	16,2	MS350910	
3/4"	19,2	MS350912	
1"	25,3	MS350916	

### Manguera EN 857 1SC



Tuyau EN 857 1SC  
EN 857 1SC Hose  
Tubi 1SC/EN857

DN	Ø in	REFERENCIA PART N°	€
1/4"	6,5	MS1SC04	
5/16"	8,1	MS1SC05	
3/8"	9,7	MS1SC06	
1/2"	12,9	MS1SC08	
5/8"	16,1	MS1SC10	
3/4"	19,2	MS1SC12	
1"	25,7	MS1SC16	

### Manguera EN 857 2SC



Tuyau EN 857 2SC  
EN 857 2SC Hose  
Tubi 2SC/EN857

DN	Ø in	REFERENCIA PART N°	€
1/4"	6,5	MS2SC04	
5/16"	8,1	MS2SC05	
3/8"	9,7	MS2SC06	
1/2"	12,9	MS2SC08	
5/8"	16,1	MS2SC10	
3/4"	19,2	MS2SC12	
1"	25,7	MS2SC16	

## Mangueras hidráulicas TrΔle®

Tuyaux hydrauliques TrΔle®

Hydraulic hoses TrΔle®

Tubi idraulici TrΔle®

### Superservicio agua caliente 1SC negra



Superservice eau chaude 1SC noir  
Hot water superservice 1SC black  
Superservice acqua calda 1SC nero

DN	Ø in	REFERENCIA PART N°	€
1/4"	6,5	MSC0114N	
5/16"	8,1	MSC0115N	
3/8"	9,7	MSC0116N	
1/2"	12,9	MSC0118N	

### Superservicio agua caliente 2SC azul



Superservice eau chaude 2SC bleu  
Hot water superservice 2SC blue  
Superservice acqua calda 2SC azzurro

DN	Ø in	REFERENCIA PART N°	€
1/4"	6,5	MSC0214A	
5/16"	8,1	MSC0215A	
3/8"	9,7	MSC0216A	
1/2"	12,9	MSC0218A	

### Superservicio agua caliente 2ST azul



Superservice eau chaude 2ST bleu  
Hot water superservice 2ST blue  
Superservice acqua calda 2ST azzurro

DN	Ø in	REFERENCIA PART N°	€
5/16"	8,1	MSC0225A	
3/8"	9,8	MSC0226A	

### Superservicio agua caliente 1SC azul



Superservice eau chaude 1SC bleu  
Hot water superservice 1SC blue  
Superservice acqua calda 1SC azzurro

DN	Ø in	REFERENCIA PART N°	€
1/4"	6,5	MSC0114A	
5/16"	8,1	MSC0115A	
3/8"	9,7	MSC0116A	
1/2"	12,9	MSC0118A	

### Superservicio agua caliente 2SN gris



Superservice eau chaude 2SN gris  
Hot water superservice 2SN grey  
Superservice acqua calda 2SN grigio

DN	Ø in	REFERENCIA PART N°	€
5/16"	8,1	MSC0215G	

### Superservicio agua caliente 2SC negra



Superservice eau chaude 2SC noir  
Hot water superservice 2SC black  
Superservice acqua calda 2SC nero

DN	Ø in	REFERENCIA PART N°	€
1/4"	6,5	MSC0214N	
5/16"	8,1	MSC0215N	
3/8"	9,7	MSC0216N	
1/2"	12,9	MSC0218N	

## Mangueras hidráulicas TrΔle®

Tuyaux hydrauliques TrΔle®

Hydraulic hoses TrΔle®

Tubi idraulici TrΔle®

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

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



Tuyau EN 856 4SP / SAE 100 R9R-R10

EN 856 4SP / SAE 100 R9R-R10 Hose

Tubi EN 856 4SP / SAE 100 R9R-R10

DN	Ø in	REFERENCIA PART N°	€
3/8"	10	MS429006	
1/2"	13	MS429008	
5/8"	16	MS429010	
3/4"	19	MS429012	
1"	25,5	MS429016	
1"1/4	32,2	MS424820	
1"1/2	38,1	MS424824	
2"	51,2	MS424832	

### Manguera SAE 100 R15



Tuyau SAE 100 R15

SAE 100 R15 Hose

Tubi SAE 100 R15

DN	Ø in	REFERENCIA PART N°	€
1"	25.7	MS481516	
1"1/4	32,2	MS481520	
1"1/2	35.5	MS481524	

### Manguera EN 856 R12 / SAE 100 R12



Tuyau EN 856 R12 / SAE 100 R12

EN 856 R12 / SAE 100 R12 Hose

Tubi EN 856 R12 / SAE 100 R12

DN	Ø in	REFERENCIA PART N°	€
3/8"	9,5	M461206	
1/2"	12,7	M461208	
5/8"	15,9	M461210	
3/4"	19	M461212	
1"	25,4	M461216	
1"1/4	31,8	M461220	
1"1/2	38	M461224	

### Manguera EN 856 4SH



Tuyau EN 856 4SH

EN 856 4SH Hose

Tubi EN 856 4SH

DN	Ø in	REFERENCIA PART N°	€
3/4"	19	MS456912	
1"	25,2	MS456916	
1"1/4	32,2	MS456920	
1"1/2	38,5	MS456924	
2"	51,2	MS456932	

### Manguera EN 856 R13 / SAE 100 R13



Tuyau EN 856 R13 / SAE 100 R13

EN 856 R13 / SAE 100 R13 Hose

Tubi EN 856 R13 / SAE 100 R13

DN	Ø in	REFERENCIA PART N°	€
3/4"	19	M471312	
1"	25,4	M471316	
1"1/4	31,8	M471320	
1"1/2	38,1	M471324	
2"	50,8	M471332	

## Mangueras hidráulicas Triagle

Tuyaux hydrauliques Triagle  
Hydraulic hoses Triagle  
Tubi idraulici Triagle

### Manguera EN 853 1ST / SAE 100 R1A



Tuyau EN 853 1ST / SAE 100 R1A  
EN 853 1ST / SAE 100 R1A Hose  
Tubi EN 853 1ST / SAE 100 R1A

DN	Ø in	REFERENCIA PART N°	€
1/4"	6,4	ML223104	
5/16"	8	ML223105	
3/8"	9,5	ML223106	
1/2"	12,7	ML223108	
5/8"	16	ML223110	
3/4"	19	ML223112	
1"	25,4	ML223116	
1"1/4	31,8	ML223120	

### Manguera EN 853 1SN / SAE 100 R1AT



Tuyau EN 853 1SN / SAE 100 R1AT  
EN 853 1SN / SAE 100 R1AT Hose  
Tubi EN 853 1SN / SAE 100 R1AT

DN	Ø in	REFERENCIA PART N°	€
3/16"	4,8	ML223003	
1/4"	6,4	ML223004	
5/16"	8	ML223005	
3/8"	9,5	ML223006	
1/2"	12,7	ML223008	
5/8"	16	ML223010	
3/4"	19	ML223012	
1"	25,4	ML223016	
1"1/4	31,8	ML223020	
1"1/2	38,1	ML223024	
2"	50,2	ML223032	

### Manguera EN 853 2ST / SAE 100 R2A



Tuyau EN 853 2ST / SAE 100 R2A  
EN 853 2ST / SAE 100 R2A Hose  
Tubi EN 853 2ST / SAE 100 R2A

DN	Ø in	REFERENCIA PART N°	€
3/16"	4,8	ML350903	
1/4"	6,4	ML350904	
5/16"	8	ML350905	
3/8"	9,5	ML350906	
1/2"	12,7	ML350908	
5/8"	16	ML350910	
3/4"	19	ML350912	
1"	25,4	ML350916	
1"1/4	31,8	ML350920	
1"1/2	38,1	ML350924	
2"	50,8	ML350932	

### Manguera EN 853 2SN / SAE 100 R2AT



Tuyau EN 853 2SN / SAE 100 R2AT  
EN 853 2SN / SAE 100 R2AT Hose  
Tubi EN 853 2SN / SAE 100 R2AT

DN	Ø in	REFERENCIA PART N°	€
3/16"	4,8	ML351103	
1/4"	6,4	ML351104	
5/16"	8	ML351105	
3/8"	9,5	ML351106	
1/2"	12,7	ML351108	
5/8"	16	ML351110	
3/4"	19	ML351112	
1"	25,4	ML351116	
1"1/4	31,8	ML351120	
1"1/2	38,1	ML351124	
2"	50,8	ML351132	

### Superservicio agua caliente 2 mallas gris 400 bar



Superservice eau chaude 2 tresses gris 400 bar  
Hot water superservice 2 grey braids 400 bar  
Superservice acqua calda a 2 maglie grigio 400 bar

DN	Ø in	REFERENCIA PART N°	€
5/16"	8,3	MC0205G	
3/8"	9,9	MC0206G	

### Superservicio agua caliente 2 mallas azul 400 bar



Superservice eau chaude 2 tresses bleu 400 bar  
Hot water superservice 2 blue braids 400 bar  
Superservice acqua calda a 2 maglie azzurro 400 bar

DN	Ø in	REFERENCIA PART N°	€
5/16"	8,3	MC0215A	
3/8"	9,9	MC0216A	



Tuyaux hydrauliques Triagle  
Hydraulic hoses Triagle  
Tubi idraulici Triagle

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

**Manguera hidráulica 3 mallas**



Tuyau 3 tresses  
3 Braids hoses  
Tubi 3 trecce

DN	Ø in	REFERENCIA PART N°	€
1/2"	13	ML36010800	
5/8"	16,4	ML36011000	
3/4"	19,5	ML36011200	
1"	26	ML36011600	

Precios a consultar//À consulter//On request//Su richiesta

**Manguera EN 856 4SH**



Tuyau EN 856 4SH  
EN 856 4SH Hose  
Tubi EN 856 4SH

DN	Ø in	REFERENCIA PART N°	€
3/4"	19	ML456912	
1"	25,4	ML456916	
1"1/4	32	ML456920	
1"1/2	38	ML456924	
2"	50,8	ML456932	

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



Tuyau EN 856 4SP / SAE 100 R9R-R10  
EN 856 4SP / SAE 100 R9R-R10 Hose  
Tubi EN 856 4SP / SAE 100 R9R-R10

DN	Ø in	REFERENCIA PART N°	€
1/4"	6,4	ML429004	
3/8"	9,5	ML429006	
1/2"	12,7	ML429008	
5/8"	16	ML429010	
3/4"	19	ML429012	
1"	25,4	ML429016	
1"1/4	31,8	ML424820	
1"1/2	38,1	ML424824	
2"	50,8	ML424832	

**Manguera EN 856 R13 / SAE 100 R13**



Tuyau EN 856 R13 / SAE 100 R13  
EN 856 R13 / SAE 100 R13 Hose  
Tubi EN 856 R13 / SAE 100 R13

DN	Ø in	REFERENCIA PART N°	€
3/4"	19	M471312	
1"	25,4	M471316	
1"1/4	31,8	M471320	
1"1/2	38,1	M471324	
2"	50,8	M471332	

**Manguera EN 856 R12 / SAE 100 R12**



Tuyau EN 856 R12 / SAE 100 R12  
EN 856 R12 / SAE 100 R12 Hose  
Tubi EN 856 R12 / SAE 100 R12

DN	Ø in	REFERENCIA PART N°	€
3/8"	9,5	M461206	
1/2"	12,7	M461208	
5/8"	15,9	M461210	
3/4"	19	M461212	
1"	25,4	M461216	
1"1/4	31,8	M461220	
1"1/2	38	M461224	

**Manguera SAE 100 R15/ SAE J517 R15**



Tuyau SAE 100 R15/SAE J517 R15  
SAE 100 R15/SAE J517 R15 Hose  
Tubi SAE 100 R15/SAE J517 R15

DN	Ø in	REFERENCIA PART N°	€
1"	25,4	M481516	
1"1/4	31,8	M481520	
1"1/2	38,1	M481524	



## Mangueras PTFE

Tuyaux PTFE  
PTFE hoses  
Tubi PTFE

### PTFE sin malla



PTFE sans tresse  
PTFE without braid  
PTFE senza maglia

TUBO PIPE	LONGITUD (M) LENGTH (M)	REFERENCIA PART N°	€
2x4	25	M2950204	
4x6	25	M2950406	
6x8	25	M2950608	
2x4	100	M2950204-100	
4x6	100	M2950406-100	
6x8	100	M2950608-100	

### PTFE Liso 1 malla



FHL (série légère)  
FHL (light)  
FHL (serie leggera)

DN	Ø in	REFERENCIA PART N°	€
3/16"	4,8	M290005	
1/4"	6,35	M290006	
5/16"	7,9	M290008	
3/8"	9,5	M290009	
1/2"	12,7	M290013	
5/8"	15,9	M290016	
3/4"	19	M290020	
1"	25,4	M290025	

### PTFE corrugado 1 malla



PTFE convoluté  
Convuluted PTFE  
PTFE corrugato

DN	Ø int min Ø inner min	Ø int max Ø inner max	Ø ext min Ø out min	Ø ext max Ø out max	REFERENCIA PART N°	€
1/4"	5,95	6,45	9,14	9,65	M292006	
3/8"	10	11	14,7	16,2	M292009	
1/2"	13	14	18	19,7	M292013	
5/8"	16	17	21,5	23	M292016	
3/4"	19,5	20,7	25	27,5	M292020	
1"	25,4	26,8	32	34,3	M292025	
1" 1/4	31,5	33	38,5	41	M292032	
1" 1/2	38	40	44,5	48	M292038	
2"	50,5	52,7	57	62	M292050	

### PTFE Liso grueso 2 mallas



FHM 2 tresses  
FHM 2 Braids  
FHM doppia maglia

DN	Ø in	REFERENCIA PART N°	€
1/4"	6,35	M2901206	
5/16"	7,9	M2901208	
3/8"	9,5	M2901209	
1/2"	12,7	M2901213	
5/8"	15,9	M2901216	
3/4"	19	M2901219	
1"	25,4	M2901225	

### PTFE corrugado 1 malla anti-estático



PTFE convoluté anti-statique  
Convuluted PTFE anti-static  
PTFE corrugato anti-statico

DN	REFERENCIA PART N°	€
1/2"	M293013	
3/4"	M293020	
1"	M293025	

# Mangueras termoplásticas TrΔle®

Tuyaux thermoplastiques TrΔle®

Thermoplastic hoses TrΔle®

Tubi termoplastici TrΔle®

Hoses

Flexible hose fittings

## SAE 100 R7



SAE 100 R7

SAE 100 R7

SAE 100 R7

DN	Ø in	REFERENCIA PART N°	€
1/8"	4	MT07002	
3/16"	5	MT07003	
1/4"	6,5	MT07004	
5/16"	8,1	MT07005	
3/8"	9,7	MT07006	
1/2"	13	MT07008	
5/8"	16,3	MT07010	
3/4"	19,5	MT07012	
1"	25,9	MT07016	

## SAE 100 R7 Bitubo



SAE 100 R7 Jumelé

SAE 100 R7 Two tubes

SAE 100 R7 Binato

DN	Ø in	REFERENCIA PART N°	€
3/16"	5	MT27003	
1/4"	6,5	MT27004	
5/16"	8,1	MT27005	
3/8"	9,7	MT27006	
1/2"	13	MT27008	

## SAE 100 R8



SAE 100 R8

SAE 100 R8

SAE 100 R8

DN	Ø in	REFERENCIA PART N°	€
3/16"	5	MT08003	
1/4"	6,5	MT08004	
5/16"	8,1	MT08005	
3/8"	9,7	MT08006	
1/2"	13	MT08008	
5/8"	16,3	MT08010	
3/4"	19,5	MT08012	
1"	25,9	MT08016	

## SAE 100 R8 Bitubo



SAE 100 R8 Jumelé

SAE 100 R8 Two tubes

SAE 100 R8 Binato

DN	Ø in	REFERENCIA PART N°	€
1/4"	6,5	MT28004	
5/16"	8,1	MT28005	
3/8"	9,7	MT28006	
1/2"	13	MT28008	

## SAE 100 R8 no conductiva



SAE 100 R8 non-conducteur

SAE 100 R8 non-conductive

SAE 100 R8 non conduttivo

DN	Ø in	REFERENCIA PART N°	€
1/4"	6,5	MT08104	
5/16"	8,1	MT08105	
3/8"	9,7	MT08106	
1/2"	13	MT08108	
5/8"	16,3	MT08110	
3/4"	19,5	MT08112	
1"	25,9	MT08116	

## SAE 100 R7 no conductiva



SAE 100 R7 non-conducteur

SAE 100 R7 non-conductive

SAE 100 R7 non conduttivo

DN	Ø in	REFERENCIA PART N°	€
3/16"	5	MT07103	
1/4"	6,50	MT07104	
5/16"	8,10	MT07105	
3/8"	9,70	MT07106	
1/2"	13,00	MT07108	
5/8"	16,30	MT07110	
3/4"	19,50	MT07112	
1"	25,90	MT07116	

## MICRO-HOSE



MICRO-HOSE

MICRO-HOSE

MICRO-HOSE

Ø in	REFERENCIA PART N°	€
2	MT01002	

## Termoplásticas Push-on



Thermoplastique Push-on

Thermoplastic Push-on

Tubi termoplastici Push-on

DN	Ø in	REFERENCIA PART N°	€
1/4"	6,3	MP189004	
3/8"	9,5	MP189006	
1/2"	12,7	MP189008	
5/8"	16	MP189010	
3/4"	19	MP189012	

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

## Mangueras termoplásticas TrΔle®

Tuyaux thermoplastiques TrΔle®

Thermoplastic hoses TrΔle®

Tubi termoplastici TrΔle®

### Elastómero malla metálica



Elastomère 1 tresse métallique

Metallic braid elastomer

Maglia Metallica

DN	Ø in	REFERENCIA PART N°	€
3/16"	5	MT09003	
1/4"	6,4	MT09004	
5/16"	8	MT09005	
3/8"	9,8	MT09006	
1/2"	13	MT09008	
5/8"	16,3	MT09010	
3/4"	19,5	MT09012	
1"	25,8	MT09016	

### Elastómero malla metálica bitubo



Elastomère 1 tresse métallique jumelé

Metallic braid elastomer 2 tubes

Maglia Metallica Binato

DN	Ø in	REFERENCIA PART N°	€
3/16"	5	MT29003	
1/4"	6,4	MT29004	
5/16"	8	MT29005	
3/8"	9,8	MT29006	
1/2"	13	MT29008	

### Elastómero malla metálica pintura



Elastomère 1 tresse métallique peinture

Paint metallic braid elastomer

Maglia Metallica per vernici

DN	Ø in	REFERENCIA PART N°	€
3/16"	5	MT099003	
1/4"	6,4	MT099004	
3/8"	9,8	MT099006	
1/2"	13	MT099008	
3/4"	19,5	MT099012	

### Elastómero doble malla metálica pintura



Elastomère 2 tresses métalliques peinture

Paint metallic braid 2 tubes elastomer

Doppia Maglia Metallica per vernici

DN	Ø in	REFERENCIA PART N°	€
1/4"	6,4	MT299004	
3/8"	9,8	MT299006	
1/2"	13	MT299008	

### Manguera termoplástica 700 bar



Tuyau thermoplastique haute pression 700 bar

Thermoplastic hose 700 bar

Tubo termoplastico 700 bar

DN	Ø in	REFERENCIA PART N°	€
1/4"	6,6	MT70004	
3/8"	9,8	MT70006	

## Mangueras termoplásticas TrΔle®

Tuyaux thermoplastiques TrΔle®

Thermoplastic hoses TrΔle®

Tubi termoplastici TrΔle®

Hoses

### Ecology 200



Ecology 200

Ecology 200

Ecology 200

DN	Ø in	REFERENCIA PART N°	€
5/8"	16,3	<b>MEC20010</b>	
3/4"	19,6	<b>MEC20012</b>	
1"	25,9	<b>MEC20016</b>	
1 1/4"	32,5	<b>MEC20020</b>	

Hasta fin de existencias//Jusqu'à fin du stock//Until end of stock//Fino ad esaurimento scorta

### Ecology 210



Ecology 210

Ecology 210

Ecology 210

DN	Ø in	REFERENCIA PART N°	€
3/4"	19,6	<b>MEC21012</b>	
1"	25,6	<b>MEC21016</b>	
1 1/4"	32,4	<b>MEC21020</b>	

### Ecology 250



Ecology 250

Ecology 250

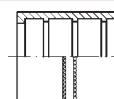
Ecology 250

DN	Ø in	REFERENCIA PART N°	€
3/4"	19,6	<b>MEC25012</b>	
1"	25,9	<b>MEC25016</b>	

Flexible hose fittings

Stainless steel hoses  
and fittings

### Casquillos para manguera Ecology



Jupes pour tuyau Ecology

Ferrules for Ecology hose

Boccole pressare per tubi Ecologici

DN	REFERENCIA PART N°	€
3/4"	<b>Z212001200</b>	
1"	<b>Z212001600</b>	
1 1/4"	<b>Z212002000</b>	

Acero inoxidable AISI 316-L//Acier inoxydable AISI 316-L//Stainless steel AISI 316-L//Acciaio inossidabile AISI 316-L

Low pressure

Air conditioned hoses  
and fittings

Measuring flow

Machines for  
mounting flexibles

# Mangueras industriales

Tuyaux industriels  
Industrial hoses  
Tubi industriali

## Ariaform aire comprimido y agua-impulsión serie continua



Ariaform refoulement air comprimé et de l'eau  
Ariaform compressed air and water. Continuous serie  
Aria compressa e acqua-impulsi. Serie continua

DN	Ø in	REFERENCIA PART N°	€
1/4"	6	M80000614	
5/16"	8	M80000817	
3/8"	10	M80001017	
1/2"	13	M80001321	
5/8"	16	M80001626	
3/4"	19	M80001929	

## Aire comprimido-impulsión



Air comprimé  
Compressed air  
Aria compressa

Ø in	REFERENCIA PART N°	€
25,4	MA122025	
32	MA122032	
38	MA122040	
51	MA122051	

## Agua caliente para limpieza industrial



Tuyau pour nettoyage à l'eau chaude  
Industrial cleaning hoses. Hot water  
Acqua calda per pulizia industriale 160°C

DN	Ø in	REFERENCIA PART N°	€
5/8"	16	MA1601628	
3/4"	19	MA1601931	
1"	25	MA1602538	

## Fumigación serie continua



Tuyau fumigation  
Fumigation hose. Continuous serie  
Fumigazione. Serie continua

DN	Ø in	REFERENCIA PART N°	€
3/8"	10	MF8010	
1/2"	12,5	MF8012	

## Mangueras alimentarias



Tuyaux alimentaires  
Food Hoses  
Tubi alimentare

DN	Ø in	REFERENCIA PART N°	€
1"	25,4	MAS025	
1" 1/4	32	MAS032	
1 1/2"	38	MAS038	
2"	50,8	MAS051	
2 1/2"	63,5	MAS063	
3	76,2	MAS076	

## Polivalente serie continua



Tuyau polyvalent huiles/eau/ a  
Multi-function. Continuous serie  
Polivalente. Serie continua

DN	Ø in	REFERENCIA PART N°	€
5/16"	8	MM2008	
3/8"	10	MM2010	
1/2"	13	MM2013	
5/8"	16	MM2016	
3/4"	19	MM2019	

## Limpieza de alcantarillas malla textil



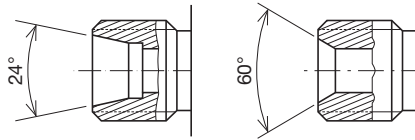
Tuyau hydrocurage avec tresse textile  
Sewer jetting hose with textile braid  
Tubi per la pulizia di fognature con teccia tessile

DN	Ø in	REFERENCIA PART N°	€
3/4"	19	ML225012	
1"	24,5	ML225016	

# Tabla de roscas

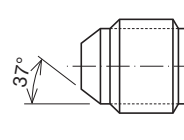
Tableau de raccords | Thread data table | Tabelle dei filetti

## METRICA



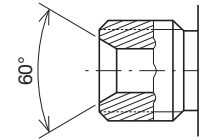
Métrica   Métrique Metrical   Metrica	Ø ext.	Ø int.	Cono 24° 24° Cone	Cono 24° Cono 24°	Cono 60° 60° Cone	Cono 60° Cono 60°
12 x 1,5	12	10,05	•		•	
14 x 1,5	14	12,05	•		•	
16, x 1,5	16	14,05	•		•	
18 x 1,5	18	16,05	•		•	
20 x 1,5	20	18,05	•		•	
22 x 1,5	22	20,05	•		•	
24 x 1,5	24	22,05	•		•	
26 x 1,5	26	24,05	•		•	
30 x 1,5	30	28,05			•	
30 x 2	30	27,40	•			
36 x 2	36	33,40	•			
38 x 1,5	38	36,05			•	
42 x 2	42	39,40	•			
45 x 1,5	45	43,05			•	
45 x 2	45	42,40	•			
52 x 1,5	52	50,05			•	
52 x 2	52	49,40	•			
65 x 2	65	64,40			•	
78 x 2	78	75,40			•	

## JIC



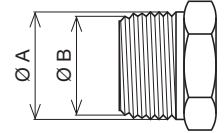
SAE	Ø ext.	Ø int.
7/16-20	11,07	10,00
1/2-20	12,70	11,60
9/16-18	14,25	13,00
5/8-18	15,85	14,70
3/4-16	19,00	17,60
7/8-14	22,17	20,50
1 1/16-12	26,95	25,00
1 1/16-14	26,95	25,30
1 5/16-12	33,30	31,30
1 5/16-14	33,30	31,60
1 5/8-12	41,42	39,20
1 5/8-14	41,22	39,50
1 7/8-12	47,57	45,60
1 7/8-14	47,57	45,90
2 1/2-12	63,45	61,50
3-12	76,20	74,30

## BSP



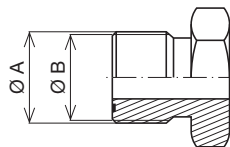
BSP	Ø ext.	Ø int.
1/4-19	13,16	11,50
3/8-19	16,66	14,90
1/2-14	20,96	18,60
5/8-14	22,91	20,60
3/4-14	26,44	24,10
1-11	33,25	30,30
1 1/4-11	41,91	38,90
1 1/2-11	47,80	44,90
2-11	59,62	56,70

## NPTF-BSPTF



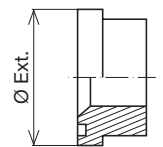
NPT Cónicas   NPT conique Conical NPT   NPT conico	Ø A	Ø B	BSPT Cónicos   BSPT conique Conical BSPT   BSPT conico	Ø A	Ø B
1/8-27	10,59	9,98	1/8-28	10,20	9,48
1/4-18	14,12	13,28	1/4-19	13,90	12,85
3/8-18	17,55	16,71	3/8-19	17,31	16,26
1/2-14	21,84	21,08	1/2-14	21,89	20,55
3/4-14	27,17	26,13	3/4-14	27,30	25,84
1-11,5	33,96	32,74	1-11	34,41	32,65
1 1/4-11,5	42,72	41,47	1 1/4-11	42,91	41,11
1 1/2-11,5	48,81	47,54	1 1/2-11	48,83	47,08
2-11,5	60,88	59,56	2-11	60,94	58,62

## ORFS



ORFS	Ø B	Ø A
9/16" 18h	13,0	14,25
11/16" 16h	15,4	17,40
13/16" 16h	18,6	20,05
1" 14h	23,1	25,30
1" 3/16 12h	27,5	30,10
1" 7/16 12h	33,8	36,40
1" 11/16 12h	40,2	42,80
2" 12h	48,1	50,70

## BRIDAS



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

\* Las bridas 9000 PSI son iguales en Ø a las 6000 PSI, pero con espesor de pletina 14,3 | Les brides 9000 PSI son égales en Ø aux brides 6000 PSI, mais l'épaisseur est de 14,3 mm.  
9000 PSI flanges have the same Ø as 6000 PSI, but with thickness deck 14,3 | Le flangia 9000 PSI hanno il medesimo Ø della serie 6000 PSI, cambia unicamente lo spessore a 14,3 mm.



# Inoxidable/Stainless Steel

Racores para Tubería Flexible / Crimp fittings for hoses



Accesorios/ Accessories



Racores Tubo Rígido / Pipe Fittings



Racores Industriales / Industrial Fittings



Inox Corrugado /Convoluted Stainless Steel



Componentes Hidráulicos / Hydraulic Components



Solicite nuestro catálogo de Inoxidable  
Ask for our Stainless Steel Catalogue

# Racores para tubería flexible

Embouts à sertir

**Flexible hose fittings**

Raccordi per tubi flessibili





Conexiones Standard CrIII	30
Embouts série Standard CrIII   Standard serie fittings CrIII   Raccordi serie Standard CrIII	
Conexiones Interlock CrIII	33
Embouts à sertir Interlock CrIII   Interlock serie fittings CrIII   Raccordi serie Interlock CrIII	
Conexiones Reusables CrIII	35
Embouts Récuperables CrIII   Reusable serie fittings CrIII   Raccordi serie Recuperabile CrIII	
Conexiones alta presión (700 Bar) CrIII	36
Embouts haute pression 700 Bar CrIII   High pressure 700 Bar fittings CrIII   Raccordi Altissima pressione (700 Bar) CrIII	
Conexiones Standard Zn/Ni	37
Embouts série Standard Zn/Ni   Standard serie fittings Zn/Ni   Raccordi serie Standard Zn/Ni	
Conexiones Interlock Zn/Ni	39
Embouts à sertir Interlock Zn/Ni   Interlock serie fittings Zn/Ni   Raccordi serie Interlock Zn/Ni	

# Serie Standard

Standard serie | Serie Standard | Standard serie

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

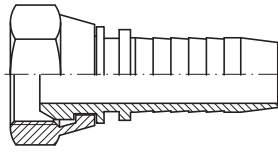
Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

► **Una única conexión para una amplia gama de mangueras** | Un seul embout pour une grande gamme de tuyaux | One only fitting for a wide range of hoses | Un solo raccordo per una vasta gamma di tubi



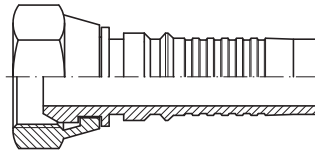
EN 857 1 SC	SUPERSERVICE 155° 1SC	SAE 100 R8 EN855	SAE 100 R7 EN855	Metallic Braid Elastomer	2 Metallic Braids Elastomer	SAE100 R4	SAE 100 R6	Smooth PTFE 1 Braid	Smooth PTFE 2 Braids	Convolute PTFE
PF23... DI23... SC2112...	DI23 PF23 SC2112	PF23... DI23...	PF23... DI23...	PF23... DI23...	PF1224... DI1224...	PF1224... DI1224...	PF23... DI23...	21040...	PF23... DI23... 21040...	21041...

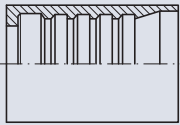
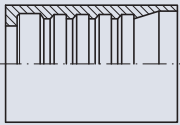
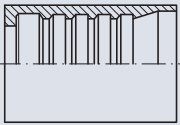
EN 853 1ST SAE 100 R1A	EN 853 1 SN SAE 100 R1AT	EN 853 2SN SAE 100 R2AT	EN 857 2SC	SUPERSERVICE 155° 2SC	EN 853 2ST SAE 100 R2A	EN 856 4SP SAE100 R9R	EN 856 SAE 100 R12
22003...	PF2212... DI2212... SC2112	PF2212... DI2212...	PF2212... DI2212...	PF2212... DI2212...	PF1224... DI1224...	PF1224... DI1224...	PF1224... DI1224...

# Serie Interlock

Série interlock | Interlock serie | Serie Interlock

► **Una única conexión para toda la gama de mangueras de alta presión** | Un seul raccord pour tous les tubes de très haute pression | One only fitting for all very high pressure tubes | Un solo raccordo per tutti i tubi ad altissima pressione



	EN856 4 SH	EN856 SAE100 R 13	EN856 SAE100 R 15	
				
	A610... BA610...	A610... BA610... 610...	A610... BA610... 610...	

Hoses

Flexible hose fittings

Stainless steel hoses  
and fittings

Low pressure

Air conditioned hoses  
and fittings

Measuring flow

Machines for  
mounting flexibles

## Conexiones Standard **CrIII**

Embouts série Standard **CrIII** | Standard serie fittings **CrIII** | Raccordi serie Standard **CrIII**

Hoses

Flexible hose fittings

Stainless steel hoses  
and fittings

Low pressure

Air conditioned hoses  
and fittings

Measuring flow

Machines for  
mounting flexibles

### Casquillos para prensar | Jupes à sertir | Crimping ferrules | Boccole a pressare

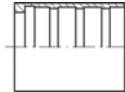
41



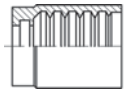
22003



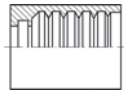
DI1224



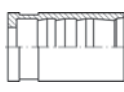
21012



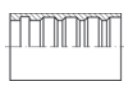
DI2212



SC2112



DI2300



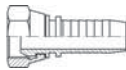
21040



21041

### Conexiones BSP | Embouts BSP | BSP Fittings | Raccordi BSP

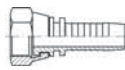
43



24100



24110



24200



24400



24107



24117



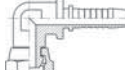
24261



24108



24207



24127



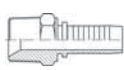
24118



24112



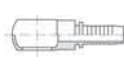
24212



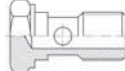
24114



24161



24111



A1090

### Conexiones JIC 37° | Embouts JIC 37° | JIC 37° Fittings | Raccordi JIC 37°

46



24142



24242



24138



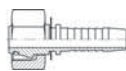
24139



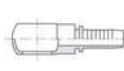
24140

### Conexiones Métricas DIN 2353 | Embouts Métriques DIN 2353 | Metric fittings DIN 2353 | Raccordi Metrici DIN 2353

48



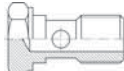
24804



24116



24305



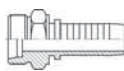
S1092



24306



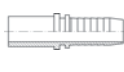
24300



24203



24190



24158



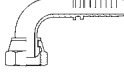
24258



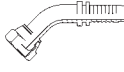
24358



24404



24405



24406



2580496

▶ **Conexiones Métricas Serie Francesa** | Embouts Métriques Série Française | Metric fittings French Serie | Raccordi Metrici Serie Francese 51



24503      2450518      24504      24505

▶ **Conexiones ORFS** | Embouts ORFS | ORFS Fittings | Raccordi ORFS 52



44910      44912      JUNTAS      44907      44908

▶ **Bridas SAE 3000/6000 PSI** | Brides SAE 3000/6000 PSI | 3000/6000 PSI SAE Flanges | Flangia SAE 3000/6000 PSI 53



24182      24183      24184      24282      24283      24284

▶ **Bridas SAE** | Brides SAE | SAE Flanges | Flangia SAE 54



BBP      BBE

▶ **Juntas para bridas** | Joints pour brides | Seals for flanges | O'Ring per flangia 54



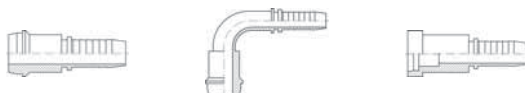
JUNTAS      JBR

▶ **Bridas 9000 PSI** | Embouts brides | 9000 PSI Flanges | Flangia 9000 PSI 55



44282      44284      44283

▶ **Pletinas de bridas Poclairn** | Embouts brides type Poclairn | Poclairn Flanges | Flangia Poclairn 56



44801      44803      44802

▶ **Bridas Poclairn** | Brides Poclairn | Poclairn Flanges | Flangia Poclairn 56



44805      44807      44806      44808

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

Racores para hidrolavadoras | Embouts Karcher | Karcher fittings | Raccordi per idropulitrici



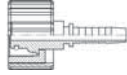
23040



23060



23061



2307



23062

## Conexiones Interlock **CrIII**

Embouts à sertir Interlock **CrIII** | Interlock serie fittings **CrIII** | Raccordi serie Interlock **CrIII**

- ▶ **Casquillos** | Jupes | Crimp ferrules | Boccole a pressare

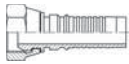
58



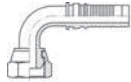
BA610

- ▶ **Conexiones BSP** | Embouts BSP | BSP Fittings | Raccordi BSP

58



B64100



B64107



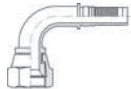
B64112

- ▶ **Conexiones JIC 37°** | Embouts JIC 37° | JIC 37° Fittings | Raccordi JIC 37°

58



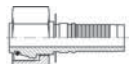
B64142



B64138

- ▶ **Conexiones Métricas DIN 2353** | Embouts Métriques DIN 2353 | Metric fittings DIN 2353 | Raccordi Metrici DIN 2353

59



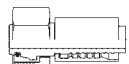
B64204



B64205

- ▶ **Racores para martillo** | Embouts pour marteau | Fittings for hammer | Raccordi per martello

59



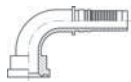
NAM

- ▶ **Bridas SAE 3000 PSI** | Embouts brides SAE 3000 PSI | 3000 PSI SAE flange | Flangia SAE 3000 PSI

59



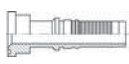
B64182



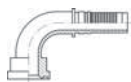
B64183

- ▶ **Bridas SAE 6000 PSI** | Embouts brides SAE 6000 PSI | 6000 PSI SAE flange | Flangia SAE 6000 PSI

59



B64282



B64283

▶ **Bridas Poclairn** | Embouts brides Poclairn | Poclairn Flanges | Flangia Poclairn



64801



44805



44807



64802



44806



44808

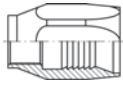


# ▶ Conexiones Reusables **CrIII**

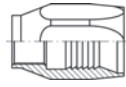
Embouts Récuperables **CrIII** | Reusable serie fittings **CrIII** | Raccordi serie Recuperabile **CrIII**

## ▶ **Casquillos** | Jupes | Ferrules | Boccole recuperabili

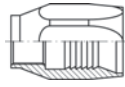
61



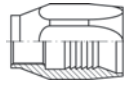
A1G-...R1



A1G-...R1T



A1G-...R2



A1G-...R2T

## ▶ **Conexiones** | Embouts | Fittings | Raccordi recuperabili

61



A3G



A90G



A2G



S2G



AE



AOG

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

## Conexiones alta presión (700 Bar) **CrIII**

Embouts haute pression 700 Bar **CrIII** | High pressure 700 Bar fittings **CrIII** | Raccordi Altissima pressione (700 Bar) **CrIII**

### ▶ **Casquillos** | Jupes à sertir | Ferrules | Boccole

63



MT700



71012

### ▶ **Conexiones BSP** | Embouts BSP | BSP Fittings | Raccordi BSP

63



74100



74112



74161

# Conexiones Standard Zn/Ni

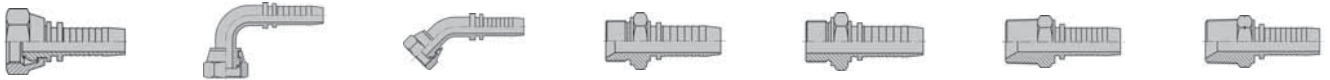
Embouts série Standard Zn/Ni | Standard serie fittings Zn/Ni | Raccordi serie Standard Zn/Ni

## ▶ Casquillos para prensar | Jupes à sertir | Crimping ferrules | Boccole a pressare 64

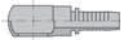


22003      PF1224      PF2212      PF2300

## ▶ Conexiones BSP | Embouts BSP | BSP Fittings | Raccordi BSP 65



G24110      G24117      G24118      G24112      G24212      G24114      G24161



G24111

## ▶ Conexiones JIC 37° | Embouts JIC 37° | JIC 37° Fittings | Raccordi JIC 37° 66

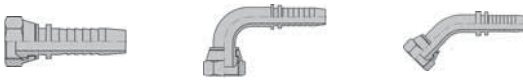


G24140      G24142      G24138      G24139

## ▶ Conexiones Métricas DIN 2353 | Embouts Métriques DIN 2353 | Metric fittings DIN 2353 | Raccordi Metrici DIN 2353 68



G24804      G24116      G24305      G24306      G24203      G24158      G24258



G24404      G24405      G24406

## ▶ Conexiones ORFS | Embouts ORFS | ORFS Fittings | Raccordi ORFS 71



G44900      G44912      G44907      G44908

## ▶ Bridas SAE 3000/6000 PSI | Brides SAE 3000/6000 PSI | 3000/6000 PSI SAE Flanges | Flangia SAE 3000/6000 PSI 72



G24182      G24183      G24184      G24282      G24283      G24284

▶ **Bridas 9000 PSI** | Embouts brides 9000 PSI | 9000 PSI Flanges | Flangia 9000 PSI



G44282



G44284



G44283

# Conexiones Interlock Zn/Ni

Embouts à sertir Interlock Zn/Ni | Interlock serie fittings Zn/Ni | Raccordi serie Interlock Zn/Ni

▶ **Casquillos** | Jupes | Crimping ferrules | Boccole a pressare 74



A61010

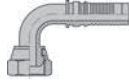


61010

▶ **Conexiones BSP** | Embouts BSP | BSP Fittings | Raccordi BSP 74



64100



64107



64108

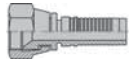


64112



64161

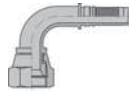
▶ **Conexiones JIC 37°** | Embouts JIC 37° | JIC 37° Fittings | Raccordi JIC 37° 75



64142



64139

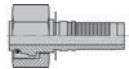


64138



64140

▶ **Conexiones Métricas DIN 2353** | Embouts Métriques DIN 2353 | Metric fittings DIN 2353 | Raccordi Metrici DIN 2353 76



64204



64206

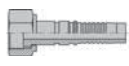


64205



64203

▶ **Conexiones ORFS** | Embouts ORFS | ORFS fittings | Raccordi ORFS 76



64900



64908



64907

▶ **Bridas SAE 3000/6000 PSI** | Embouts brides SAE 3000/6000 PSI | 3000/6000 PSI SAE Flanges | Flangia SAE 3000/6000 PSI 77



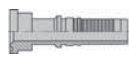
64182



64183



64184



64282



64283



64284

▶ **Bridas 9000 PSI** | Embouts brides 9000 PSI | 9000 PSI Flanges | Flangia 9000 PSI 78



64382



64384



64383



## Conexiones Standard CrIII

Embouts série Standard CrIII  
Standard serie fittings CrIII  
Raccordi serie Standard CrIII

41

### Casquillos R1A/1ST



Jupes à sertir pour R1A/1ST

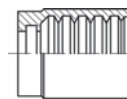
Ferrules R1A/1ST

Boccole a pressare per R1A/1ST

DN	REFERENCIA PART N°	€
3/16"	220030300	
1/4"	220030400	
5/16"	220030500	
3/8"	220030600	
1/2"	220030800	
5/8"	220031000	
3/4"	220031200	
1"	220031600	
1"1/4	220032000	
1"1/2	220032400	
2"	220033200	

Ver precios en p.64 (Conexiones Standard Zn/Ni)//Prix à la p.64 (Embouts Série Standard Zn/Ni)//See prices in p.64 (Standard Serie Fittings Zn/Ni)//Vedere prezzi p.64 (Raccordi Serie Standard Zn/Ni)

### Casquillos R1AT/R2AT/ R1T/1SN/2SN/2SC/R16



Jupes à sertir R1AT/R2AT/R1T/1SN/2SN/2SC/R16

Ferrules R1AT/R2AT/R1T/1SN/2SN/2SC/R16

Boccole a pressare per R1AT/R2AT/R1T/1SN/2SN/2SC/R16

DN	REFERENCIA PART N°	€
3/16"	DI221200300	
1/4"	DI221200400	
5/16"	DI221200501	
3/8"	DI221200600	
1/2"	DI221200800	
5/8"	DI221201000	
3/4"	DI221201200	
1"	DI221201600	
1"1/4	DI221202000	
1"1/2	DI221202400	
2"	DI221203200	

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



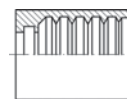
Jupes à sertir R2A/R9R/2ST/4SP

Ferrules R2A/R9R/2ST/4SP

Boccole a pressare per R2A/R9R/2ST/4SP

DN	REFERENCIA PART N°	€
1/4"	DI122400400	
5/16"	DI122400500	
3/8"	DI122400600	
1/2"	DI122400800	
5/8"	DI122401000	
3/4"	DI122401200	
1"	DI122401600	
1"1/4	DI122402000	
1"1/2	DI122402400	
2"	DI122403200	

### Casquillos 1SC/1SN/2TE/3TE



Jupes à sertir 1SC/1SN/2TE/3TE

Ferrules 1SC/1SN/2TE/3TE

Boccole a pressare per 1SC/1SN/2TE/3TE

DN	REFERENCIA PART N°	€
1/4"	SC21120400	
5/16"	SC21120500	
3/8"	SC21120600	
1/2"	SC21120800	
3/4"	SC21121200	
1"	SC21121600	

### Casquillos R6, R7



Jupes à sertir R6, R7

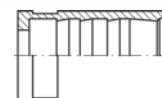
Ferrules SAE 100 R6, R7

Boccole a pressare per SAE R6, R7

DN	REFERENCIA PART N°	€
1/8"	210120200	
5/8"	210121000	
3/4"	210121200	
1"	210121600	

Hasta fin de existencias//Jusqu'à fin du stock//Until end of stock//Fino ad esaurimento scorta

### Casquillos R6, R7, R8 y malla metálica



Jupes à sertir R6, R7, R8 et tresse métallique

Ferrules SAE 100 R6, R7, R8 and metallic braid

Boccole a pressare per SAE R6, R7, R8 e Treccia Metallica

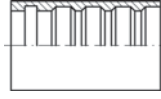
DN	REFERENCIA PART N°	€
1/8"	DI2300200	
3/16"	DI2300300	
1/4"	DI2300400	
5/16"	DI2300500	
3/8"	DI2300600	
1/2"	DI2300800	
5/8"	DI2301000	
3/4"	DI2301200	
1"	DI2301600	

## Conexiones Standard **CrIII**

Embouts série Standard **CrIII**  
 Standard serie fittings **CrIII**  
 Raccordi serie Standard **CrIII**

Hoses

### Casquillos PTFE Liso alta presión



Jupes à sertir pour PTFE Lisse haute pression  
 Ferrules for Smooth PTFE

Boccole a pressare per tubo al PTFE Liscio alta pressione

DN	REFERENCIA PART N°	€
3/16"	210400300	
1/4"	210400400	
5/16"	210400500	
3/8"	210400600	
1/2"	210400800	
5/8"	210401000	
3/4"	210401200	
1"	210401600	

### Casquillos PTFE Corrugado alta presión



Jupes à sertir PTFE Convoluté haute pression  
 Ferrules for Convoluted PTFE

Boccole a pressare per tubo al PTFE Corrugato alta pressione

DN	REFERENCIA PART N°	€
1/4"	210410400	
3/8"	210410600	
1/2"	210410800	
5/8"	210411000	
3/4"	210411201	
1"	210411600	
1" 1/4	210412000	
1" 1/2	210412400	
2"	210413200	

Flexible hose fittings

Stainless steel hoses  
and fittings

Low pressure

Air conditioned hoses  
and fittings

Measuring flow

Machines for  
mounting flexibles



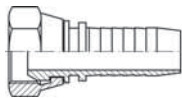
## Conexiones Standard CrIII

Embouts série Standard CrIII

Standard serie fittings CrIII

Raccordi serie Standard CrIII

### Hembras giratorias rectas BSP cono 60°



Femelle tournante gaz cyl BSP 60°

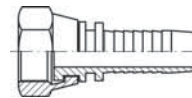
BSP Swivel female 60° cone

Femmina diritta BSP sede 60°

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/8"	1/8" BSP	241000202	
3/16"	1/8" BSP	241000203	
1/4"	1/8" BSP	241000204	
3/16"	1/4" BSP	241000403	
1/4"	1/4" BSP	241000404	
5/16"	1/4" BSP	241000405	
3/8"	1/4" BSP	241000406	
1/4"	3/8" BSP	241000604	
5/16"	3/8" BSP	241000605	
3/8"	3/8" BSP	241000606	
1/2"	3/8" BSP	241000608	
1/4"	1/2" BSP	241000804	
3/8"	1/2" BSP	241000806	
1/2"	1/2" BSP	241000808	
5/8"	1/2" BSP	241000810	
1/2"	5/8" BSP	241001008	
5/8"	5/8" BSP	241001010	
1/2"	3/4" BSP	241001208	
5/8"	3/4" BSP	241001210	
3/4"	3/4" BSP	241001212	
3/4"	1" BSP	241001612	
1"	1" BSP	241001616	

Para aquellas mayores de 1" ver con junta//Pour ceux plus grand que 1" voir avec o'ring//  
For those bigger than 1" see with o'ring//Per quelli più grandi di 1" vedere con o'ring

### Hembras giratorias rectas BSP asiento plano



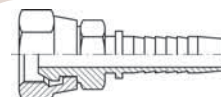
Femelle tournante fond plat BSP

BSP Swivel female flat seat

Femmina diritta BSP sede piana

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	242000404	
5/16"	3/8" BSP	242000605	
3/8"	3/8" BSP	242000606	
3/8"	1/2" BSP	242000806	
1/4"	1/2" BSP	242000804	
1/2"	1/2" BSP	242000808	
1/2"	3/4" BSP	242001208	
3/4"	3/4" BSP	242001212	
1"	1" BSP	242001616	
1" 1/4"	1" 1/4" BSP	242002020	
1" 1/2"	1" 1/2" BSP	242002424	

### Hembras giratorias BSP 60° doble hexagono



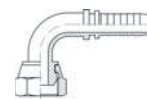
Femelle tournante BSP cône 60° double hexagonal

BSP Swivel female 60° cone double hex.

Femmina diritta BSP sede 60° doppio esagono

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	244000404	
5/16"	3/8" BSP	244000605	
3/8"	3/8" BSP	244000606	
1/2"	1/2" BSP	244000808	
3/4"	3/4" BSP	244001212	
1"	1" BSP	244001616	
1" 1/4"	1" 1/4" BSP	244002020	
1" 1/2"	1" 1/2" BSP	244002424	
2"	2" BSP	244003232	

### Hembras giratorias 90° BSP cono 60°



Coûde 90° femelle tournante gaz cyl BSP 60°

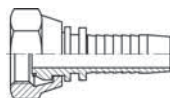
90° BSP Swivel female 60° cone

Femmina a 90° BSP sede 60°

DN	ROSCA THREAD	REFERENCIA PART N°	€
3/16"	1/8" BSP	241070203	
1/4"	1/8" BSP	241070204	
3/16"	1/4" BSP	241070403	
1/4"	1/4" BSP	241070404	
1/4"	3/8" BSP	241070604	
5/16"	3/8" BSP	241070605	
3/8"	3/8" BSP	241070606	
1/4"	1/2" BSP	241070804	
3/8"	1/2" BSP	241070806	
1/2"	1/2" BSP	241070808	
1/2"	5/8" BSP	241071008	
5/8"	5/8" BSP	241071010	
1/2"	3/4" BSP	241071208	
5/8"	3/4" BSP	241071210	
3/4"	3/4" BSP	241071212	
3/4"	1" BSP	241071612	
1"	1" BSP	241071616	

Para aquellas mayores de 1" ver con junta//Pour ceux plus grand que 1" voir avec o'ring//  
For those bigger than 1" see with o'ring//Per quelli più grandi di 1" vedere con o'ring

### Hembras giratorias rectas BSP cono 60° con junta tórica



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

BSP Swivel female 60° with o'ring

Femmina diritta BSP sede 60° con o'ring

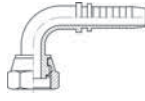
DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	241100404	
3/8"	3/8" BSP	241100606	
1/2"	1/2" BSP	241100808	
5/8"	5/8" BSP	241101010	
5/8"	3/4" BSP	241101210	
3/4"	3/4" BSP	241101212	
1"	1" BSP	241101616	
1"	1" 1/4" BSP	241102016	
1" 1/4"	1" 1/4" BSP	241102020	
1" 1/4"	1" 1/2" BSP	241102420	
1" 1/2"	1" 1/2" BSP	241102424	
1" 1/2"	2" BSP	241103224	
2"	2" BSP	241103232	

## Conexiones Standard CrIII

Embouts série Standard CrIII  
Standard serie fittings CrIII  
Raccordi serie Standard CrIII

Hoses

### Hembras giratorias 90° BSP cono 60° con junta tórica



Coude 90° femelle tournante gaz cyl BSP 60° + o'ring  
90° BSP Swivel female 60° cone with o'ring  
Femmina a 90° BSP sede 60° con o'ring

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	241170404	
3/8"	3/8" BSP	241170606	
1/2"	1/2" BSP	241170808	
5/8"	5/8" BSP	241171010	
3/4"	3/4" BSP	241171212	
1"	1" BSP	241171616	
1"	1"1/4 BSP	241172016	
1"1/4	1"1/4 BSP	241172020	
1"1/4	1"1/2 BSP	241172420	
1"1/2	1"1/2 BSP	241172424	
2"	2" BSP	241173232	

Flexible hose fittings

Stainless steel hoses  
and fittings

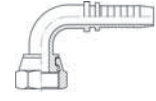
Low pressure

Air conditioned hoses  
and fittings

Measuring flow

Machines for  
mounting flexibles

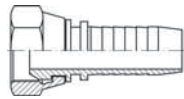
### Hembras giratorias 90° BSP asiento plano



Embout à sertir coude 90° femelle tournante fond plat BSP  
90° BSP Swivel female flat seat  
Femmina a 90° BSP sede 60° sede piana

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	242070404	
3/8"	3/8" BSP	242070606	
1/2"	1/2" BSP	242070808	
3/4"	3/4" BSP	242071212	
1"	1" BSP	242071616	

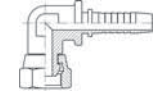
### Hembras giratorias NPSM



Femelle tournante NPSM  
NPSM swivel female  
Femmina diritta NPSM

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" NPSM	242610404	
3/8"	3/8" NPSM	242610606	
1/2"	1/2" NPSM	242610808	
3/4"	3/4" NPSM	242611212	
1"	1" NPSM	242611616	

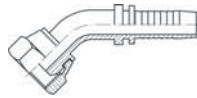
### Hembras giratorias 90° BSP cono 60° (compactas)



Coude 90° femelle tournante compact gaz cyl BSP 60°  
90° BSP Swivel female 60° cone (compact)  
Femmina a 90° BSP sede 60° (compatta)

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	241270404	
3/8"	3/8" BSP	241270606	
1/2"	1/2" BSP	241270808	
3/4"	3/4" BSP	241271212	

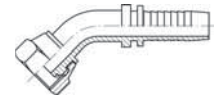
### Hembras giratorias 45° BSP cono 60°



Coude 45° femelle tournante gaz cyl BSP 60°  
45° BSP Swivel female 60° cone  
Femmina a 45° BSP sede 60°

DN	ROSCA THREAD	REFERENCIA PART N°	€
3/16"	1/8" BSP	241080203	
1/4"	1/8" BSP	241080204	
3/16"	1/4" BSP	241080403	
1/4"	1/4" BSP	241080404	
1/4"	3/8" BSP	241080604	
5/16	3/8" BSP	241080605	
3/8"	3/8" BSP	241080606	
3/8"	1/2" BSP	241080806	
1/2"	1/2" BSP	241080808	
1/2"	5/8" BSP	241081008	
5/8"	5/8" BSP	241081010	
5/8"	3/4" BSP	241081210	
3/4"	3/4" BSP	241081212	
3/4"	1" BSP	241081612	
1"	1" BSP	241081616	

### Hembras giratorias 45° BSP cono 60° con junta tórica



Coude 45° femelle tournante gaz cyl BSP 60° + o'ring  
45° BSP Swivel female 60° cone with o'ring  
Femmina a 45° BSP sede 60° con o'ring

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	241180404	
3/8"	3/8" BSP	241180606	
1/2"	1/2" BSP	241180808	
5/8"	5/8" BSP	241181010	
5/8"	3/4" BSP	241181210	
3/4"	3/4" BSP	241181212	
1"	1" BSP	241181616	
1"	1"1/4 BSP	241182016	
1"1/4	1"1/4 BSP	241182020	
1"1/2	1"1/2 BSP	241182424	
1"1/2	2" BSP	241183224	
2"	2" BSP	241183232	

Para aquellas mayores de 1" ver con junta//Pour ceux plus grand que 1" voir avec o'ring//  
For those bigger than 1" see with o'ring//Per quelli più grandi di 1" vedere con o'ring

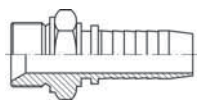
## Conexiones Standard CrIII

Embouts série Standard CrIII

Standard serie fittings CrIII

Raccordi serie Standard CrIII

### Macho rosca cilíndrica BSP cono 60°



Mâle fixe gaz cyl BSP 60°  
BSP Male parallel 60° cone  
Maschio BSP cilindrico sede 60°

DN	ROSCA THREAD	REFERENCIA PART N°	€
3/16"	1/8" BSP	241120203	
1/4"	1/8" BSP	241120204	
1/8"	1/4" BSP	241120402	
3/16"	1/4" BSP	241120403	
1/4"	1/4" BSP	241120404	
3/8"	1/4" BSP	241120406	
1/4"	3/8" BSP	241120604	
5/16"	3/8" BSP	241120605	
3/8"	3/8" BSP	241120606	
1/2"	3/8" BSP	241120608	
1/4"	1/2" BSP	241120804	
3/8"	1/2" BSP	241120806	
1/2"	1/2" BSP	241120808	
1/2"	5/8" BSP	241121008	
5/8"	5/8" BSP	241121010	
1/2"	3/4" BSP	241121208	
5/8"	3/4" BSP	241121210	
3/4"	3/4" BSP	241121212	
3/4"	1" BSP	241121612	
1"	1" BSP	241121616	
1"	1" 1/4 BSP	241122016	
1" 1/4"	1" 1/4 BSP	241122020	
1" 1/2"	1" 1/2 BSP	241122424	
2"	2" BSP	241123232	

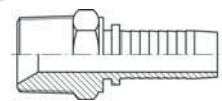
### Macho rosca cilíndrica BSP asiento plano



Mâle fixe gaz cyl fond plat  
BSP Male flat seat  
Maschio BSP cilindrico sede piana

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	242120404	
3/8"	3/8" BSP	242120606	
3/8"	1/2" BSP	242120806	
1/2"	1/2" BSP	242120808	
3/4"	3/4" BSP	242121212	
1"	1" BSP	242121616	

### Macho rosca cónica BSPT



Mâle fixe gaz conique BSPT  
BSPT Male tapered  
Maschio BSPT conico

DN	ROSCA THREAD	REFERENCIA PART N°	€
3/16"	1/8" BSPT	241140203	
1/4"	1/8" BSPT	241140204	
1/4"	1/4" BSPT	241140404	
1/4"	3/8" BSPT	241140604	
5/16"	3/8" BSPT	241140605	
3/8"	3/8" BSPT	241140606	
3/8"	1/2" BSP	241140806	
1/2"	1/2" BSP	241140808	
5/8"	3/4" BSPT	241141210	
3/4"	3/4" BSPT	241141212	
3/4"	1" BSPT	241141612	
1"	1" BSPT	241141616	
1"	1" 1/4 BSPT	241142016	
1" 1/4"	1" 1/4 BSPT	241142020	
1" 1/2"	1" 1/2 BSPT	241142424	
2"	2" BSPT	241143232	

### Macho rosca cónica NPT



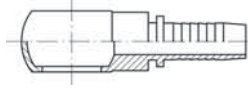
Mâle fixe gaz conique NPT  
NPT Male thread  
Maschio NPT conico

DN	ROSCA THREAD	REFERENCIA PART N°	€
3/16"	1/8" NPT	241610203	
1/4"	1/8" NPT	241610204	
3/16"	1/4" NPT	241610403	
1/4"	1/4" NPT	241610404	
5/16"	1/4" NPT	241610405	
3/8"	1/4" NPT	241610406	
1/4"	3/8" NPT	241610604	
5/16"	3/8" NPT	241610605	
3/8"	3/8" NPT	241610606	
1/2"	3/8" NPT	241610608	
3/8"	1/2" NPT	241610806	
1/2"	1/2" NPT	241610808	
5/8"	1/2" NPT	241610810	
1/2"	3/4" NPT	241611208	
5/8"	3/4" NPT	241611210	
3/4"	3/4" NPT	241611212	
1"	3/4" NPT	241611216	
3/4"	1" NPT	241611612	
1"	1" NPT	241611616	
1"	1" 1/4 NPT	241612016	
1" 1/4"	1" 1/4 NPT	241612020	
1" 1/4"	1" 1/2 NPT	241612420	
1" 1/2"	1" 1/2 NPT	241612424	
1" 1/2"	1" 1/2 NPT	241613224	
2"	2" NPT	241613232	

## Conexiones Standard CrIII

Embouts série Standard CrIII  
Standard serie fittings CrIII  
Raccordi serie Standard CrIII

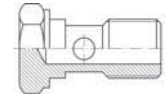
### Orientable BSP



Embout Banjo droit gaz  
Banjo BSP  
Raccordo ad occhio BSP

DN	Ø	REFERENCIA PART N°	€
3/16"	1/4" BSP	241110403	
1/4"	1/4" BSP	241110404	
5/16"	1/4" BSP	241110405	
3/8"	1/4" BSP	241110406	
1/4"	3/8" BSP	241110604	
5/16"	3/8" BSP	241110605	
3/8"	3/8" BSP	241110606	
1/2"	3/8" BSP	241110608	
3/8"	1/2" BSP	241110806	
1/2"	1/2" BSP	241110808	
5/8"	5/8" BSP	241111010	
1/2"	3/4" BSP	241111208	
5/8"	3/4" BSP	241111210	
3/4"	3/4" BSP	241111212	
1"	1" BSP	241111616	

### Tornillo orientable simple BSP



Vis creuse simple pour banjo filetage gaz BSP  
BSP bolt for Banjo  
Bullone forato BSP

ROSCA THREAD	REFERENCIA PART N°	€
1/8" BSP	A109002	
1/4" BSP	A109004	
3/8" BSP	A109006	
1/2" BSP	A109008	
3/4" BSP	A109012	
1" BSP	A109016	
1"1/4" BSP	A109020	
1"1/2" BSP	A109024	

Ver precios en p.251 (ADAPTADORES BSP)//Prix à la p.251 (ADAPTEURS BSP)//  
See prices in p.251 (BSP ADAPTORS)//Vedere prezzi p.251 (ADATTATORI BSP)

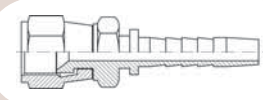
### Hembras giratorias rectas JIC 37°



Femelle tournante droite JIC cône 37°  
JIC Swivel female 37° cone  
Femmina diritta JIC 37°

DN	ROSCA THREAD	REFERENCIA PART N°	€
3/16"	7/16" 20h UNF	241420703	
1/4"	7/16" 20h UNF	241420704	
1/4"	1/2" 20h UNF	241420804	
5/16"	1/2" 20h UNF	241420805	
1/4"	9/16" 18h UNF	241420904	
5/16"	9/16" 18h UNF	241420905	
3/8"	9/16" 18h UNF	241420906	
3/8"	5/8" 18h UNF	241421006	
5/16"	3/4" 16h UNF	241421205	
3/8"	3/4" 16h UNF	241421206	
1/2"	3/4" 16h UNF	241421208	
3/8"	7/8" 14h UNF	241421406	
1/2"	7/8" 14h UNF	241421408	
5/8"	7/8" 14h UNF	241421410	
1/2"	1"1/16 12h UNF	241421708	
5/8"	1"1/16 12h UNF	241421710	
3/4"	1"1/16 12h UNF	241421712	
1"	1"1/16 12h UNF	241421716	
3/4"	1"5/16 12h UNF	241422112	
1"	1"5/16 12h UNF	241422116	
1"	1"5/8 12h UNF	241422616	
1"1/4"	1"5/8 12h UNF	241422620	
1"1/4"	1"7/8 12h UNF	241423020	
1"1/2"	1"7/8 12h UNF	241423024	
2"	2"1/2 12h UNF	241424032	

### Hembras giratorias rectas JIC 37° doble hexagono



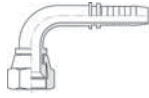
Femelle JIC 37° double hexagonal  
JIC swivel female 37° cone double hex.  
Femmina diritta JIC 37° doppio esagono

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	7/16" 20h UNF	242420704	
1/4"	1/2" 20h UNF	242420804	
5/16"	9/16" 18h UNF	242420905	
3/8"	9/16" 18h UNF	242420906	
3/8"	3/4" 16h UNF	242421206	
1/2"	3/4" 16h UNF	242421208	
1/2"	7/8" 14h UNF	242421408	
3/4"	1"1/16 12h UN	242421712	
1"	1"5/16 12h UN	242422116	
1"1/4"	1"5/8 12h UN	242422620	
1"1/2"	1"7/8 12h UN	242423024	
2"	2"1/2 12h UN	242424032	

## Conexiones Standard CrIII

Embouts série Standard **CrIII**  
Standard serie fittings **CrIII**  
Raccordi serie Standard **CrIII**

### Hembras giratorias 90° JIC 37°



Coude 90° femelle tournante cône JIC 37°  
90° JIC Swivel female 37° cone  
Femmina a 90° JIC 37°

DN	ROSCA THREAD	REFERENCIA PART N°	€
3/16"	7/16" 20h UNF	241380703	
1/4"	7/16" 20h UNF	241380704	
1/4"	1/2" 20h UNF	241380804	
1/4"	9/16" 18h UNF	241380904	
5/16"	9/16" 18h UNF	241380905	
3/8"	9/16" 18h UNF	241380906	
3/8"	5/8" 18h UNF	241381006	
3/8"	3/4" 16h UNF	241381206	
1/2"	3/4" 16h UNF	241381208	
3/8"	7/8" 14h UNF	241381406	
1/2"	7/8" 14h UNF	241381408	
5/8"	7/8" 14h UNF	241381410	
1/2"	1"1/16 12h UNF	241381708	
5/8"	1"1/16 12h UNF	241381710	
3/4"	1"1/16 12h UNF	241381712	
3/4"	1"5/16 12h UNF	241382112	
1"	1"5/16 12h UNF	241382116	
1"	1"5/8 12h UNF	241382616	
1"1/4	1"5/8 12h UNF	241382620	
1"1/4	1"7/8 12h UNF	241383020	
1"1/2	1"7/8 12h UNF	241383024	
2"	2"1/2 12h UNF	241384032	

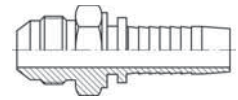
### Hembras giratorias 45° JIC 37°



Coude 45° femelle tournante cône JIC 37°  
45° JIC swivel female 37° cone  
Femmina a 45° JIC 37°

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	7/16" 20h UNF	241390704	
1/4"	1/2" 20h UNF	241390804	
1/4"	9/16" 18h UNF	241390904	
5/16"	9/16" 18h UNF	241390905	
3/8"	9/16" 18h UNF	241390906	
3/8"	3/4" 16h UNF	241391206	
1/2"	3/4" 16h UNF	241391208	
1/2"	7/8" 14h UNF	241391408	
5/8"	7/8" 14h UNF	241391410	
1/2"	1"1/16 12h UNF	241391708	
5/8"	1"1/16 12h UNF	241391710	
3/4"	1"1/16 12h UNF	241391712	
3/4"	1"5/16 12h UNF	241392112	
1"	1"5/16 12h UNF	241392116	
1"	1"5/8 12h UNF	241392616	
1"1/4	1"5/8 12h UNF	241392620	
1"1/4	1"7/8 12h UNF	241393020	
1"1/2	1"7/8 12h UNF	241393024	
2"	2"1/2 12h UNF	241394032	

### Macho JIC 37°



Mâle fixe JIC cône 37°  
Male JIC 37° cone  
Maschio JIC 37°

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	7/16" 20h UNF	241400704	
1/4"	1/2" 20h UNF	241400804	
5/16"	1/2" 20h UNF	241400805	
1/4"	9/16" 18h UNF	241400904	
5/16"	9/16" 18h UNF	241400905	
3/8"	9/16" 18h UNF	241400906	
3/8"	3/4" 16h UNF	241401206	
1/2"	3/4" 16h UNF	241401208	
3/8"	7/8" 14h UNF	241401406	
1/2"	7/8" 14h UNF	241401408	
5/8"	7/8" 14h UNF	241401410	
1/2"	1"1/16 12h UNF	241401708	
5/8"	1"1/16 12h UNF	241401710	
3/4"	1"1/16 12h UNF	241401712	
3/4"	1"5/16 12h UNF	241402112	
1"	1"5/16 12h UNF	241402116	
1"	1"5/8 12h UNF	241402616	
1"1/4	1"5/8 12h UNF	241402620	
1"1/4	1"7/8 12h UNF	241403020	
1"1/2	1"7/8 12h UNF	241403024	
2"	2"1/2 12h UNF	241404032	



## Conexiones Standard **CrIII**

Embouts série Standard **CrIII**  
Standard serie fittings **CrIII**  
Raccordi serie Standard **CrIII**

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

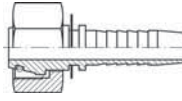
Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

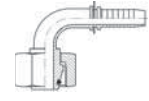
### Hembras giratorias Métricas cono 24° con junta tórica



Femelle tournante droite Métrique cône 24° + o'ring  
Metric swivel female 24° cone with o'ring  
Femmina Metrica sede 24° con o'ring

DN	TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
3/16"	6	L	12X1,5	24804120603	
1/4"	6	L	12X1,5	24804120604	
1/4"	8	L	14X1,5	24804140804	
1/4"	10	L	16X1,5	24804161004	
5/16"	10	L	16X1,5	24804161005	
3/8"	10	L	16X1,5	24804161006	
1/4"	12	L	18X1,5	24804181204	
5/16"	12	L	18X1,5	24804181205	
3/8"	12	L	18X1,5	24804181206	
3/8"	15	L	22X1,5	24804221506	
1/2"	15	L	22X1,5	24804221508	
1/2"	18	L	26X1,5	24804261808	
5/8"	18	L	26X1,5	24804261810	
3/4"	22	L	30X2	24804302212	
1"	28	L	36X2	24804362816	
1"1/4	35	L	45X2	24804453520	
1"1/2	42	L	52X2	24804524224	
3/16"	8	S	16X1,5	24804160803	
1/4"	8	S	16X1,5	24804160804	
1/4"	10	S	18X1,5	24804181004	
5/16"	12	S	20X1,5	24804201205	
3/8"	12	S	20X1,5	24804201206	
1/2"	12	S	20X1,5	24804201208	
3/8"	14	S	22X1,5	24804221406	
1/2"	16	S	24X1,5	24804241608	
5/8"	20	S	30X2	24804302010	
3/4"	20	S	30X2	24804302012	
3/4"	25	S	36X2	24804362512	
1"	25	S	36X2	24804362516	
1"	30	S	42X2	24804423016	
1"1/4	38	S	52X2	24804523820	

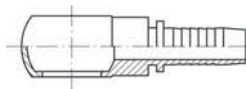
### Hembras giratorias 90° Métricas cono 24° con junta tórica



Coude 90° femelle tournante Métrique cône 24° + o'ring  
90° Metric swivel female 24° cone with o'ring  
Femmina Metrica a 90° sede 24° con o'ring

DN	TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
3/16"	6	L	12x1,5	24305120603	
1/4"	6	L	12x1,5	24305120604	
1/4"	8	L	14x1,5	24305140804	
1/4"	10	L	16x1,5	24305161004	
5/16"	10	L	16x1,5	24305161005	
3/8"	10	L	16x1,5	24305161006	
5/16"	12	L	18x1,5	24305181205	
3/8"	12	L	18x1,5	24305181206	
3/8"	15	L	22x1,5	24305221506	
1/2"	15	L	22x1,5	24305221508	
5/8"	18	L	26x1,5	24305261810	
3/4"	22	L	30x2	24305302212	
1"	28	L	36x2	24305362816	
1"1/4	35	L	45x2	24305453520	
1"1/2	42	L	52x2	24305524224	
1/4"	8	S	16x1,5	24305160804	
1/4"	10	S	18x1,5	24305181004	
5/16"	10	S	18x1,5	24305181005	
5/16"	12	S	20x1,5	24305201205	
3/8"	12	S	20x1,5	24305201206	
3/8"	14	S	22x1,5	24305221406	
1/2"	16	S	24x1,5	24305241608	
5/8"	20	S	30x2	24305302010	
3/4"	20	S	30x2	24305302012	
3/4"	25	S	36x2	24305362512	
1"	25	S	36x2	24305362516	
1"	30	S	42x2	24305423016	
1"1/4	38	S	52x2	24305523820	

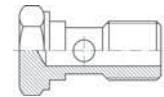
### Orientable Métrico Recto



Banjo droit Métrique  
Metric Banjo - Straight  
Raccordo ad occhio Metrico

DN	Ø	REFERENCIA PART N°	€
3/16"	M10x1	241161003	
1/4"	M10x1	241161004	
1/8"	M12x1	241161202	
3/16"	M12x1.5	241161203	
1/4"	M12x1.5	241161204	
1/4"	M14x1.5	241161404	
5/16"	M14x1.5	241161405	
3/8"	M14x1.5	241161406	
5/16"	M16x1.5	241161605	
3/8"	M16x1.5	241161606	
3/8"	M18x1.5	241161806	
1/2"	M18x1.5	241161808	
1/2"	M22x1.5	241162208	
5/8"	M22x1.5	241162210	
5/8"	M26x1.5	241162610	
3/4"	M30x2	241163012	

### Tornillo orientable simple rosca Métrica



Vis creuse simple pour banjo filetage métrique

Metric bolt for Banjo  
Bullone forato Metrico

ROSCA THREAD	REFERENCIA PART N°	€
M8x1	S109208	
M10x1	S109210	
M12x1.5	S109212	
M14x1.5	S109214	
M16x1.5	S109216	
M18x1.5	S109218	
M22x1.5	S109222	
M26x1.5	S109226	
M30x1.5	S109230	

Ver precios en p.252 (ADAPTADORES BSP)//Prix à la p.252 (ADAPTEURS BSP)//  
See prices in p.252 (BSP ADAPTORS)//Vedere prezzi p.252 (ADATTATORI BSP)

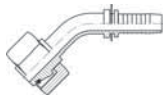
## Conexiones Standard CrIII

Embouts série Standard CrIII

Standard serie fittings CrIII

Raccordi serie Standard CrIII

### Hembras giratorias 45° Métricas cono 24° con junta tórica



Coude 45° femelle tournante Métrique cône 24°+ o'ring  
45° Metric swivel female 24° cone with o'ring  
Femmina Metrica a 45° sede 24° con o'ring

DN	TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	6	L	12x1,5	24306120604	
1/4"	8	L	14x1,5	24306140804	
1/4"	10	L	16x1,5	24306161004	
5/16"	10	L	16x1,5	24306161005	
3/8"	10	L	16x1,5	24306161006	
5/16"	12	L	18x1,5	24306181205	
3/8"	12	L	18x1,5	24306181206	
1/2"	15	L	22x1,5	24306221508	
5/8"	18	L	26x1,5	24306261810	
3/4"	22	L	30x2	24306302212	
1"	28	L	36x2	24306362816	
1 1/4"	35	L	45x2	24306453520	
1 1/2"	42	L	52x2	24306524224	
1/4"	8	S	16x1,5	24306160804	
1/4"	10	S	18x1,5	24306181004	
5/16"	12	S	20x1,5	24306201205	
3/8"	12	S	20x1,5	24306201206	
3/8"	14	S	22x1,5	24306221406	
1/2"	16	S	24x1,5	24306241608	
5/8"	20	S	30x2	24306302010	
3/4"	20	S	30x2	24306302012	
3/4"	25	S	36x2	24306362512	
1"	25	S	36x2	24306362516	
1"	30	S	42x2	24306423016	
1 1/4"	38	S	52x2	24306523820	

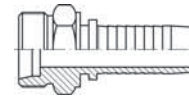
### Espigas de prensar dobles



Embout double jonction  
Double crimp standpipe  
Giunzione tubo-tubo

DN	REFERENCIA PART N°	€
1/4"	243000404	
5/16"	243000505	
3/8"	243000606	
1/2"	243000808	
3/4"	243001212	
1"	243001616	

### Machos fijos Métricos cono 24°



Mâle fixe Métrique cône 24°  
Male stud Metric thread 24° cone  
Maschio Metrico sede 24°

DN	TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
3/16"	6	L	12x1,5	24203120603	
1/4"	6	L	12x1,5	24203120604	
1/4"	8	L	14x1,5	24203140804	
1/4"	10	L	16x1,5	24203161004	
5/16"	10	L	16x1,5	24203161005	
3/8"	10	L	16x1,5	24203161006	
1/4"	12	L	18x1,5	24203181204	
5/16"	12	L	18x1,5	24203181205	
3/8"	12	L	18x1,5	24203181206	
3/8"	15	L	22x1,5	24203221506	
1/2"	15	L	22x1,5	24203221508	
1/2"	18	L	26x1,5	24203261808	
5/8"	18	L	26x1,5	24203261810	
3/4"	22	L	30x2	24203302212	
1"	28	L	36x2	24203362816	
1 1/4"	35	L	45x2	24203453520	
1 1/2"	42	L	52x2	24203524224	
1/4"	8	S	16x1,5	24203160804	
1/4"	10	S	18x1,5	24203181004	
5/16"	10	S	18x1,5	24203181005	
3/8"	10	S	18x1,5	24203181006	
5/16"	12	S	20x1,5	24203201205	
3/8"	12	S	20x1,5	24203201206	
3/8"	14	S	22x1,5	24203221406	
1/2"	16	S	24x1,5	24203241608	
5/8"	20	S	30x2	24203302010	
3/4"	20	S	30x2	24203302012	
3/4"	25	S	36x2	24203362512	
1"	25	S	36x2	24203362516	
1"	30	S	42x2	24203423016	
1 1/4"	38	S	52x2	24203523820	

### Machos Stecko



Mâle fixe Stecko  
Stecko male connections  
Maschio Stecko

DN	STECKO	REFERENCIA PART N°	€
1/4"	1/4"	241900404	
3/8"	3/8"	241900606	
1/2"	1/2"	241900808	
3/4"	3/4"	241901212	

## Conexiones Standard CrIII

Embouts série Standard CrIII  
Standard serie fittings CrIII  
Raccordi serie Standard CrIII

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

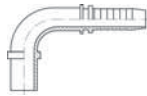
### Espiga lisa recta Métrica



Embout lisse droit Métrique  
Metric standpipe  
Estremità tubolare diritta Metrica

DN	TUBO PIPE	REFERENCIA PART N°	€
1/8"	6	241580602 L	
3/16"	6	241580603 L	
1/4"	6	241580604 L	
3/16"	8	241580803 L	
1/4"	8	241580804 L	
5/16"	8	241580805 L	
5/16"	10	241581005 L	
3/8"	10	241581006 L	
3/8"	12	241581206 L	
1/2"	12	241581208 L	
3/8"	15	241581506 L	
1/2"	15	241581508 L	
1/2"	18	241581808 L	
5/8"	18	241581810 L	
3/4"	22	241582212 L	
1"	28	241582816 L	
1"1/4	35	241583520 L	
1"1/2	42	241584224 L	
1/4"	10	241581004 S	
1/4"	12	241581204 S	
5/16"	12	241581205 S	
1/2"	14	241581408 S	
1/2"	16	241581608 S	
5/8"	20	241582010 S	
3/4"	20	241582012 S	
3/4"	25	241582512 S	
1"	25	241582516 S	
1"	30	241583016 S	

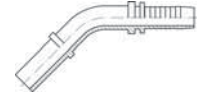
### Espiga lisa a 90° Métrica



Embout lisse coude 90° Métrique  
90° Metric standpipe  
Estremità tubolare a 90° Metrica

DN	TUBO PIPE	REFERENCIA PART N°	€
1/8"	6	242580602 L	
3/16"	6	242580603 L	
1/4"	6	242580604 L	
3/16"	8	242580803 L	
3/8"	10	242581006 L	
1/4"	12	242581204 L	
3/8"	12	242581206 L	
1/2"	15	242581508 L	
1/2"	18	242581808 L	
5/8"	18	242581810 L	
3/4"	22	242582212 L	
1"	28	242582816 L	
1"1/4	35	242583520 L	
1/4"	10	242581004 S	
1/2"	14	242581408 S	
5/8"	20	242582010 S	
3/4"	20	242582012 S	

### Espiga lisa a 45° Métrica

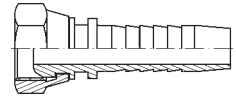


Embout lisse coude 45° Métrique  
45° Metric standpipe  
Estremità tubolare a 45° Metrica

DN	TUBO PIPE	REFERENCIA PART N°	€
3/16"	6	243580603 L	
1/4"	8	243580804 L	
3/8"	10	243581006 L	
3/8"	12	243581206 L	
1/2"	15	243581508 L	
5/8"	18	243581810 L	
3/8"	14	243581406 S	
3/4"	20	243582012 S	
3/4"	25	243582512 S	

\*Hasta fin de existencias/\*\*Jusqu'a fin du stock/\*\*Until end of stock/\*\*Fino ad esaurimento scorta

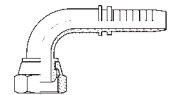
### Hembras giratorias Métricas cono 24°/60°



Femelle tournante Métrique cône 24°-60°  
Female metric swivel 24°/60° cone  
Femmina Metrica Girevole Multiseal 24°/60°

DN	TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	8L	M14X1.5	244049511	
1/4"	10L	M16X1.5	244049520	
5/16"	10L	M16X1.5	244049523	
3/8"	10L	M16X1.5	244049524	
5/16"	12L	M18X1.5	244049525	
3/8"	12L	M18X1.5	244049535	
3/8"	15L	M22X1.5	244049552	
1/2"	15L	M22X1.5	244049555	
5/8"	18L	M26X1.5	244049571	

### Hembras giratorias 90° Métricas cono 24°/60°



Femelle tournante coude 90° Métrique cône 24°-60°  
90° female metric swivel 24°/60° cone  
Femmina Metrica Girevole a 90° Multiseal 24°/60°

DN	TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	8L	M14X1.5	244059511	
1/4"	10L	M16X1.5	244059520	
5/16"	10L	M16X1.5	244059523	
3/8"	10L	M16X1.5	244059524	
5/16"	12L	M18X1.5	244059525	
3/8"	12L	M18X1.5	244059535	
3/8"	15L	M22X1.5	244059552	
1/2"	15L	M22X1.5	244059555	
5/8"	18L	M26X1.5	244059571	



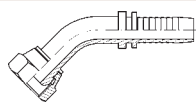
## Conexiones Standard CrIII

Embouts série Standard CrIII

Standard serie fittings CrIII

Raccordi serie Standard CrIII

### Hembras giratorias 45° Métricas cono 24°/60°



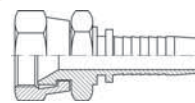
Femelle tournante coude 45° Métrique cône 24°-60°

45° female metric swivel 24°/60° cone

Femmina Metrica Girevole a 45° Multiseal 24°/60°

DN	TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	8L	M14X1.5	244069511	
5/16"	10L	M16X1.5	244069523	
3/8"	10L	M16X1.5	244069524	
5/16"	12L	M18X1.5	244069525	
3/8"	12L	M18X1.5	244069535	
1/2"	15L	M22X1.5	244069555	
5/8"	18L	M26X1.5	244069571	

### Hembras giratorias rectas Komatsu cono 60°



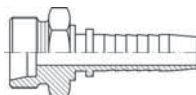
Femelle tournante droite Komatsu Métrique (cône 60°)

Komatsu swivel female 60° cone

Femmina Komatsu sede 60°

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	M14X1.5	258049625	
3/8"	M18X1.5	258049635	
1/2"	M22X1.5	258049655	
5/8"	M24X1.5	258049665	
3/4"	M30X1.5	258049684	
1"	M33X1.5	258049685	

### Macho Métrico cono 24° serie francesa



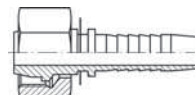
Mâle fixe Série Française Métrique 24°

Metric stud 24° cone French Series

Maschio Metrico sede 24°

DN	TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	13.2	M20X1.5	245032013204	
5/16"	13.2	M20X1.5	245032013205	
3/8"	13.2	M20X1.5	245032013206	
5/16"	16.7	M24X1.5	245032416705	
3/8"	16.7	M24X1.5	245032416706	
1/2"	16.7	M24X1.5	245032416708	
5/8"	21.2	M30X1.5	245033021210	
3/4"	21.2	M30X1.5	245033021212	
3/4"	26.7	M36X1.5	245033626712	
1"	33.5	M45X1.5	245034533516	

### Hembra giratoria recta Métrica cono 24° serie francesa



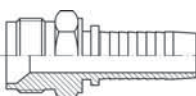
Femelle tournante Série Française Métrique 24°

Metric swivel female 24° cone French Series

Femmina Metrica sede 24°

DN	TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	13.2	M20X1.5	245042013204	
5/16"	13.2	M20X1.5	245042013205	
3/8"	13.2	M20X1.5	245042013206	
5/16"	16.7	M24X1.5	245042416705	
3/8"	16.7	M24X1.5	245042416706	
1/2"	16.7	M24X1.5	245042416708	
5/8"	21.2	M30X1.5	245043021210	
3/4"	26.7	M36X1.5	245043626712	
1"	33.5	M45X1.5	245044533516	

### Macho Métrico válvula agrícola



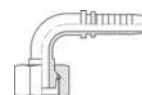
Mâle fixe Métrique pour valve agricole

Metric stud for agricultural valve

Maschio Metrico per valvola agricola

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	M18X1.5	245051804	
5/16"	M18X1.5	245051805	
3/8"	M18X1.5	245051806	

### Hembra giratoria 90° Métrica cono 24° serie francesa



Femelle tournante coude 90° Série Française Métrique 24°

90° Metric swivel female 24° cone French Series

Femmina Metrica a 90° sede 24°

DN	TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
5/16"	13.2	M20X1.5	245052013205	
3/8"	13.2	M20X1.5	245052013206	
1/2"	16.7	M24X1.5	245052416708	
5/8"	21.2	M30X1.5	245053021210	
3/4"	26.7	M36X1.5	245053626712	

## Conexiones Standard **CrIII**

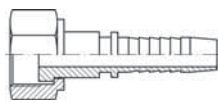
Embouts série Standard **CrIII**

Standard serie fittings **CrIII**

Raccordi serie Standard **CrIII**

Hoses

### Hembra giratoria recta ORFS asiento plano



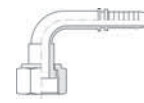
Femelle tournante série Caterpillar-ORFS fond plat

ORFS Swivel female straight flat seat

Femmina diritta sede piana ORFS

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	9/16" 18h UNF	449000404	
1/4"	11/16" 16h UNF	449000604	
5/16"	11/16" 16h UNF	449000605	
3/8"	11/16" 16h UNF	449000606	
3/8"	13/16" 16h UNF	449000806	
1/2"	13/16" 16h UNF	449000808	
1/2"	1" 14h UNF	449001008	
5/8"	1" 14h UNF	449001010	
1/2"	1" 3/16 12h UNF	449001208	
3/4"	1" 3/16 12h UNF	449001212	
3/4"	1" 7/16 12h UNF	449001612	
1"	1" 7/16 12h UNF	449001616	
1"1/4	1" 11/16 12h UNF	449002020	
1"1/2	2" 12h UNF	449002424	

### Hembra giratoria 90° ORFS asiento plano



Femelle tournante coude 90° série Caterpillar-ORFS fond plat

90° ORFS Swivel female flat seat

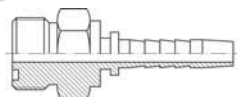
Femmina a 90° sede piana ORFS

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	9/16" 18h UNF	449070404	
1/4"	11/16" 16h UNF	449070604	
5/16"	11/16" 16h UNF	449070605	
3/8"	11/16" 16h UNF	449070606	
3/8"	13/16" 16h UNF	449070806	
1/2"	13/16" 16h UNF	449070808	
1/2"	1-14h UNF	449071008	
5/8"	1" 14h UNF	449071010	
1/2"	1" 3/16-12h UNF	449071208	
3/4"	1" 3/16 12h UNF	449071212	
3/4"	1" 7/16 12h UNF	449071612	
1"	1" 7/16 12h UNF	449071616	
1"1/4	1" 11/16 12h UNF	449072020	
1"1/2	2" 12h UNF	449072424	

Flexible hose fittings

Stainless steel hoses  
and fittings

### Machos ORFS asiento plano con junta tórica



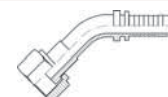
Mâle fixe série Caterpillar-ORFS fond plat + o'ring

ORFS Male flat seat + o'ring

Maschio ORFS sede piana con o'ring

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	9/16" 18h UNF	449120404	
1/4"	11/16" 16h UNF	449120604	
5/16"	11/16" 16h UNF	449120605	
3/8"	11/16" 16h UNF	449120606	
3/8"	13/16" 16h UNF	449120806	
1/2"	13/16" 16h UNF	449120808	
1/2"	1" 14h UNF	449121008	
5/8"	1" 14h UNF	449121010	
1/2"	1" 3/16 12h UNF	449121208	
3/4"	1" 3/16 12h UNF	449121212	
3/4"	1" 7/16 12h UNF	449121612	
1"	1" 7/16 12h UNF	449121616	
1"1/4	1" 11/16-12h UNF	449122020	

### Hembra giratoria 45° ORFS asiento plano



Femelle tournante coude 45° série Caterpillar-ORFS fond plat

45° ORFS Swivel female

Femmina a 45° sede piana ORFS

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	11/16" 16h UNF	449080604	
5/16"	11/16" 16h UNF	449080605	
1/2"	1" 3/16 12h UNF	449081208	
3/4"	1" 7/16 12h UNF	449081612	
1/4"	9/16" 18h UNF	449080404	
3/8"	11/16" 16h UNF	449080606	
3/8"	13/16" 16h UNF	449080806	
1/2"	13/16" 16h UNF	449080808	
1/2"	1" - 14h UNF	449081008	
5/8"	1" 14h UNF	449081010	
3/4"	1" 3/16 12h UNF	449081212	
1"	1" 7/16 12h UNF	449081616	
1"1/4	1" 11/16 12h UNF	449082020	
1"1/2	2" 12h UNF	449082424	

Low pressure

Air conditioned hoses  
and fittings

Measuring flow

### Juntas tóricas para ORFS



O' rings pour ORFS

O' rings for ORFS

O' rings per raccordi ORFS

Ø in	REFERENCIA PART N°	€
7,65	7.65X1.78	
9,25	9.25X1.78	
12,42	12.42X1.78	
15,60	15.60X1.78	
18,77	18.77X1.78	
23,52	23.52X1.78	
29,87	29.87X1.78	
37,82	37.82X1.78	

Machines for  
mounting flexibles

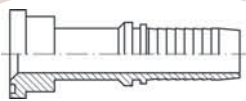
## Conexiones Standard CrIII

Embouts série Standard CrIII

Standard serie fittings CrIII

Raccordi serie Standard CrIII

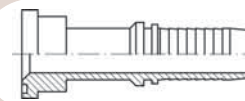
### Brida recta SAE 3000 PSI



Bride SAE droite série 3000 PSI  
3000 PSI SAE Straight flange  
Flangia diritta SAE 3000 PSI

DN	Ø	REFERENCIA PART N°	€
1/2"	30.2	241820808	
1/2"	38.1	241821208	
5/8"	38.1	241821210	
3/4"	38.1	241821212	
3/4"	44.5	241821612	
1"	44.5	241821616	
1"	50.8	241822016	
1"1/4	50.8	241822020	
1"1/4	60.3	241822420	
1"1/2	60.3	241822424	
1"1/2	71.4	241823224	
2"	71.4	241823232	

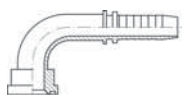
### Brida recta SAE 6000 PSI



Bride SAE droite série 6000 PSI  
6000 PSI SAE Straight flange  
Flangia diritta SAE 6000 PSI

DN	Ø	REFERENCIA PART N°	€
1/2"	31.8	242820808	
1/2"	41.3	242821208	
5/8"	41.3	242821210	
3/4"	41.3	242821212	
3/4"	47.6	242821612	
1"	47.6	242821616	
1"	54	242822016	
1"1/4	54	242822020	
1"1/4	63.5	242822420	
1"1/2	63.5	242822424	
1"1/2	79.4	242823224	
2"	79.4	242823232	

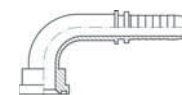
### Brida a 90° SAE 3000 PSI



Bride SAE coude 90° série 3000 PSI  
3000 PSI SAE 90° Flange  
Flangia a 90° SAE 3000 PSI

DN	Ø	REFERENCIA PART N°	€
1/2"	30.2	241830808	
1/2"	38.1	241831208	
5/8"	38.1	241831210	
3/4"	38.1	241831212	
3/4"	44.5	241831612	
1"	44.5	241831616	
1"	50.8	241832016	
1"1/4	50.8	241832020	
1"1/4	60.3	241832420	
1"1/2	60.3	241832424	
1"1/2	71.4	241833224	
2"	71.4	241833232	

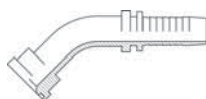
### Brida a 90° SAE 6000 PSI



Bride SAE coude 90° série 6000 PSI  
6000 PSI SAE 90° Flange  
Flangia a 90° SAE 6000 PSI

DN	Ø	REFERENCIA PART N°	€
1/2"	31.8	242830808	
1/2"	41.3	242831208	
5/8"	41.3	242831210	
3/4"	41.3	242831212	
3/4"	47.6	242831612	
1"	47.6	242831616	
1"	54	242832016	
1"1/4	54	242832020	
1"1/4	63.5	242832420	
1"1/2	63.5	242832424	
1"1/2	79.4	242833224	

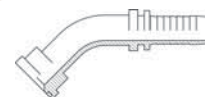
### Brida a 45° SAE 3000 PSI



Bride SAE coude 45° série 3000 PSI  
3000 PSI SAE 45° Flange  
Flangia a 45° SAE 3000 PSI

DN	Ø	REFERENCIA PART N°	€
1/2"	30.2	241840808	
1/2"	38.1	241841208	
5/8"	38.1	241841210	
3/4"	38.1	241841212	
3/4"	44.5	241841612	
1"	44.5	241841616	
1"	50.8	241842016	
1"1/4	50.8	241842020	
1"1/4	60.3	241842420	
1"1/2	60.3	241842424	
1"1/2	71.4	241843224	
2"	71.4	241843232	

### Brida a 45° SAE 6000 PSI



Bride SAE coude 45° série 6000 PSI  
6000 PSI SAE 45° Flange  
Flangia a 45° SAE 6000 PSI

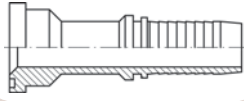
DN	Ø	REFERENCIA PART N°	€
1/2"	31.8	242840808	
1/2"	41.3	242841208	
5/8"	41.3	242841210	
3/4"	41.3	242841212	
3/4"	47.6	242841612	
1"	47.6	242841616	
1"	54	242842016	
1"1/4	54	242842020	
1"1/4	63.5	242842420	
1"1/2	63.5	242842424	
1"1/2	79.4	242843224	
2"	79.4	242843232	

## Conexiones Standard **CrIII**

Embouts série Standard **CrIII**  
Standard serie fittings **CrIII**  
Raccordi serie Standard **CrIII**

Hoses

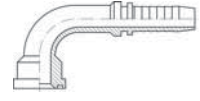
### Brida recta 9000 PSI



Bride tournante droite série 9000 PSI  
9000 PSI straight Flange  
Flangia diritta PSI 9000

DN	Ø	REFERENCIA PART N°	€
3/4"	41,3	442821212	
3/4"	47,6	442821612	
1"	47,6	442821616	
1"	54	442822016	
1"1/4	54	442822020	
1"1/2	63,5	442822424	

### Brida a 90° 9000 PSI

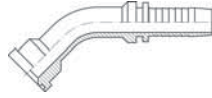


Bride tournante coude 90° série 9000 PSI  
9000 PSI 90° Flange  
Flangia a 90° PSI 9000

DN	Ø	REFERENCIA PART N°	€
3/4"	41,3	442831212	
3/4"	47,6	442831612	
1"	47,6	442831616	
1"	54	442832016	
1"1/4	54	442832020	
1"1/2	63,5	442832424	

Flexible hose fittings

### Brida a 45° 9000 PSI



Bride tournante coude 45° série 9000 PSI  
9000 PSI 45° Flange  
Flangia a 45° PSI 9000

DN	Ø	REFERENCIA PART N°	€
3/4"	41,3	442841212	
3/4"	47,6	442841612	
1"	47,6	442841616	
1"	54	442842016	
1"1/4	54	442842020	
1"1/2	63,5	442842424	

Stainless steel hoses  
and fittings

Low pressure

### Junta tórica para brida SAE



O'rings pour bride série 3000/6000 PSI  
O'rings for 3000/6000 PSI SAE flanges  
O'rings per flangia SAE

Ø in	TAMAÑO SIZE	PACK MIN	REFERENCIA PART N°	€
18.64	1/2"	1	18.64X3.53	
24.99	3/4"	1	24.99X3.53	
32.92	1"	1	32.92X3.53	
37.70	1"1/4	1	37.70X3.53	
47.22	1"1/2	1	47.22X3.53	
56.74	2"	1	56.74X3.53	

Air conditioned hoses  
and fittings

Measuring flow

### Juntas para bridas



Jointes pour bride série 3000/6000  
Seals for 3000/6000 PSI flange  
Guarnizioni per flangia SAE 3000/6000 PSI

Ø ext Ø outer	Ø in	TAMAÑO SIZE	ALTURA (MM) HIGH (MM)	REFERENCIA PART N°	€
25.40	17.02	1/2"	2.79	JBR08	
31.72	23.36	3/4"	2.79	JBR12	
39.62	31.24	1"	2.79	JBR16	
44.45	36.07	1"1/4	2.79	JBR20	
53.98	45.34	1"1/2	2.79	JBR24	
63.50	54.86	2"	2.79	JBR32	

Machines for  
mounting flexibles

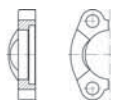
## Conexiones Standard **CrIII**

Embouts série Standard **CrIII**

Standard serie fittings **CrIII**

Raccordi serie Standard **CrIII**

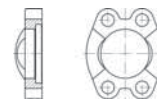
### Bridas SAE partidas (semibridas) 3000/6000 PSI



Demi-bridés rectangulaires de fixation SAE 3000/6000 PSI  
3000/6000 PSI SAE Split flanges  
Semiflangua SAE 3000/6000 PSI

SERIE	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	1/2"	<b>BBP308</b>	
3000 PSI	3/4"	<b>BBP312</b>	
3000 PSI	1"	<b>BBP316</b>	
3000 PSI	1"1/4	<b>BBP320</b>	
3000 PSI	1"1/2	<b>BBP324</b>	
3000 PSI	2"	<b>BBP332</b>	
3000 PSI	2"1/2	<b>BBP340</b>	
3000 PSI	3"	<b>BBP348</b>	
3000 PSI	3"1/2	<b>BBP356</b>	
3000 PSI	4"	<b>BBP364</b>	
6000 PSI	1/2"	<b>BBP608</b>	
6000 PSI	3/4"	<b>BBP612</b>	
6000 PSI	1"	<b>BBP616</b>	
6000 PSI	1"1/4	<b>BBP620</b>	
6000 PSI	1"1/2	<b>BBP624</b>	
6000 PSI	2"	<b>BBP632</b>	

### Bridas SAE enteras (monoblock) 3000/6000 PSI



Bridés monobloc rectangulaires de fixation SAE 3000/6000 PSI  
3000/6000 PSI SAE Flanges  
Flangua SAE 3000/6000 PSI

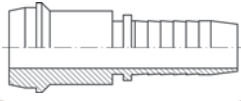
SERIE	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	1/2"	<b>BBE308</b>	
3000 PSI	3/4"	<b>BBE312</b>	
3000 PSI	1"	<b>BBE316</b>	
3000 PSI	1"1/4	<b>BBE320</b>	
3000 PSI	1"1/2	<b>BBE324</b>	
3000 PSI	2"	<b>BBE332</b>	
3000 PSI	2"1/2	<b>BBE340</b>	
3000 PSI	3"	<b>BBE348</b>	
3000 PSI	3"1/2	<b>BBE356</b>	
3000 PSI	4"	<b>BBE364</b>	
3000 PSI	5"	<b>BBE380</b>	
6000 PSI	1/2"	<b>BBE608</b>	
6000 PSI	3/4"	<b>BBE612</b>	
6000 PSI	1"	<b>BBE616</b>	
6000 PSI	1"1/4	<b>BBE620</b>	
6000 PSI	1"1/2	<b>BBE624</b>	
6000 PSI	2"	<b>BBE632</b>	

## Conexiones Standard CrIII

Embouts série Standard CrIII  
Standard serie fittings CrIII  
Raccordi serie Standard CrIII

Hoses

### Espiga para brida macho Poclair

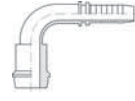


Embout bride mâle Poclair  
Poclair male flange  
Inserto per flangia maschio Poclair

DN	Ø	REFERENCIA PART N°	€
5/8"	5/8"	448011010	
3/4"	3/4"	448011212	
1"	1"	448011616	

Hasta fin existencias. \*Ver p.60 (Conexiones Interlock)//Jusqu'à la fin du stock. \*Voir p.60 (Interlock)//  
Until end of stock. \*See p.60 (Interlock Fittings)//Fino ad esaurimento scorta. \*Vedere p.60 (Interlock)

### Espiga a 90° brida macho Poclair



Embout bride coude 90° macho Poclair  
90° Poclair female flange standpipe  
Inserto per flangia a 90° Poclair

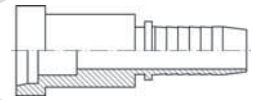
DN	Ø	REFERENCIA PART N°	€
1/2"	1/2"	448030808	
1"1/4	1"1/4	448032020	

Hasta fin existencias.//Jusqu'à la fin du stock.//Until end of stock.//Fino ad esaurimento scorta.

Flexible hose fittings

Stainless steel hoses  
and fittings

### Espiga para brida hembra Poclair



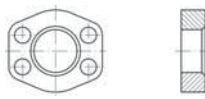
Embout bride femelle Poclair  
Poclair female flange  
Inserto per flangia femmina Poclair

DN	Ø	REFERENCIA PART N°	€
3/4"	3/4"	448021212	

Hasta fin existencias. \*Ver p.60 (Conexiones Interlock)//Jusqu'à la fin du stock. \*Voir p.60 (Interlock)//  
Until end of stock. \*See p.60 (Interlock Fittings)//Fino ad esaurimento scorta. \*Vedere p.60 (Interlock)

Low pressure

### Brida entera macho Poclair 4 agujeros

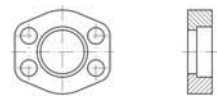


Bride rectangulaire de fixation mâle Poclair-4 trous  
Male Poclair flange 4 holes  
Flangia intera maschio Poclair 4 fori

TAMAÑO SIZE	REFERENCIA PART N°	€
1/2"	448050808*	
3/4"	448051212	
1"	448051616	
1"1/4	448052020	

\*Hasta fin de existencias.//Jusqu'à la fin du stock.//Until end of stock.//Fino ad esaurimento scorta.

### Brida entera hembra Poclair 4 agujeros



Bride rectangulaire de fixation femelle Poclair 4 trous  
Female Poclair flange 4 holes  
Flangia intera femmina Poclair 4 fori

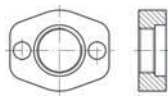
TAMAÑO SIZE	REFERENCIA PART N°	€
1/2"	448060808*	
5/8"	448061010*	
3/4"	448061212	
1"	448061616	
1"1/4	448062020	

\*Hasta fin de existencias.//Jusqu'à la fin du stock.//Until end of stock.//Fino ad esaurimento scorta.

Air conditioned hoses  
and fittings

Measuring flow

### Brida entera macho Poclair 2 agujeros



Bride ovale fixation mâle Poclair 2 trous  
Male Poclair flange 2 holes  
Flangia intera maschio Poclair 2 fori

TUBO PIPE	REFERENCIA PART N°	€
1/2"	448070808*	
5/8"	448071010	
3/4"	448071212	
1"	448071616	
1"1/4	448072020	

\*Hasta fin de existencias.//Jusqu'à la fin du stock.//Until end of stock.//Fino ad esaurimento scorta.

### Brida entera hembra Poclair 2 agujeros



Bride ovale fixation femelle Poclair 2 trous  
Female Poclair flange 2 holes  
Flangia intera femmina Poclair 2 fori

TUBO PIPE	REFERENCIA PART N°	€
5/8"	448081010*	
3/4"	448081212	
1"	448081616	
1"1/4	448082020	

\*Hasta fin de existencias.//Jusqu'à la fin du stock.//Until end of stock.//Fino ad esaurimento scorta.

Machines for  
mounting flexibles



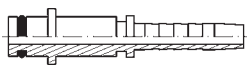
## Conexiones Standard CrIII

Embouts série Standard CrIII

Standard serie fittings CrIII

Raccordi serie Standard CrIII

### Macho pistola hidrolavadora



Mâle fixe spécial pistolet-hydronetoyage

Male terminal steel hydro-wash

Maschio pistola idropulitrice

DN	REFERENCIA PART N°	€
1/4"	230400400	

### Empuñaduras de goma negras



Poignée hydronetoyage de gomme noire

Handle with black rubber

Manopola di gomma nera

DN	REFERENCIA PART N°	€
1/4"	230600400	
5/16"	230600500	
3/8"	230600600	

### Empuñaduras de goma grises



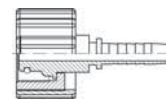
Poignée hydronetoyage de gomme grise

Handle with grey rubber

Manopola di gomma grigia

DN	REFERENCIA PART N°	€
1/4"	230610400	
5/16"	230610500	
3/8"	230610600	

### Terminal Karcher acero



Embout femelle tournante acier spécial hydronetoyage

Swivel female steel hydro-wash

Femmina in acciaio per idropultrici

TUBO PIPE	ROSCA THREAD	Descripción Description	REFERENCIA PART N°	€
1/4"	M22X1.5	STD	230700400	
5/16"	M22X1.5	STD	230700500	
3/8"	M22X1.5	STD	230700600	
1/4"	M22X1.5	Long	230720400	
5/16"	M22X1.5	Long	230720500	
3/8"	M22X1.5	Long	230720600	

### Empuñaduras de goma azules



Poignée hydronetoyage de gomme bleue

Handle with blue rubber

Manopola di gomma azzurra

DN	REFERENCIA PART N°	€
1/4"	230620400	
5/16"	230620500	
3/8"	230620600	

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

## Conexiones Interlock CrIII

Embouts à sertir Interlock CrIII

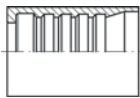
Interlock serie fittings CrIII

Raccordi serie Interlock CrIII

Hoses

Flexible hose fittings

### Casquillos DIN 20023 4SH



Jupe à sertir DIN 20023 4SH

Ferrules DIN 20023-4SH

Boccola Interlock DIN 20023 4SH

DN	Descripción Description	REFERENCIA PART N°	€
3/4"	4SH-R13-R15	BA610101200	
1"	4SH-R13-R15	BA610101600	
1"1/4	4SH	BA610102000	

Stainless steel hoses  
and fittings

Low pressure

Air conditioned hoses  
and fittings

Measuring flow

Machines for  
mounting flexibles

### Hembras giratorias rectas BSP cono 60°



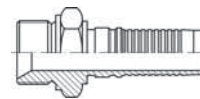
Femelle tournante droite BSP cône 60°

Straight swivel female BSP 60° cone

Femmina girevole diritta BSP sede 60°

DN	ROSCA THREAD	REFERENCIA PART N°	€
3/4"	3/4" BSP	B641001212	
1"	1" BSP	B641001616	
1"1/4	1"1/4 BSP	B641002020	

### Macho rosca cilíndrica BSP cono 60°



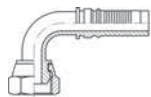
Mâle fixe gaz cyl BSP 60°

BSP Male 60° cone

Maschio cilindrico BSP sede 60°

DN	ROSCA THREAD	REFERENCIA PART N°	€
3/4"	3/4" BSP	B641121212	
1"	1" BSP	B641121616	
1"1/4	1"1/4 BSP	B641122020	

### Hembras giratorias 90° BSP cono 60°



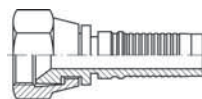
Femelle tournante coude 90° BSP cône 60°

90° swivel female BSP 60° cone

Femmina girevole a 90° BSP sede 60°

DN	ROSCA THREAD	REFERENCIA PART N°	€
3/4"	3/4" BSP	B641071212	
1"	1" BSP	B641071616	
1"1/4	1"1/4 BSP	B641072020	

### Hembras giratorias rectas JIC 37°



Femelle tournante JIC 37°

JIC 37° swivel female

Femmina diritta JIC 37°

DN	ROSCA THREAD	REFERENCIA PART N°	€
3/4"	1"1/16 12h UNF	B641421712	
1"	1"5/16 12h UNF	B641422116	
1"1/4	1"5/8 12h UNF	B641422620	

### Hembras giratorias 90° JIC 37°



Femelle tournante coude 90° JIC 37°

90° JIC 37° swivel female

Femmina a 90° JIC 37°

DN	ROSCA THREAD	REFERENCIA PART N°	€
3/4"	1"1/16 12h UNF	B641381712	
1"	1"5/16 12h UNF	B641382116	
1"1/4	1"5/8 12h UNF	B641382620	



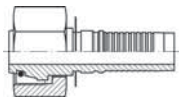
## Conexiones Interlock CrIII

Embouts à sertir Interlock CrIII

Interlock serie fittings CrIII

Raccordi serie Interlock CrIII

### Hembra giratoria recta métrica cono 24° con junta tórica



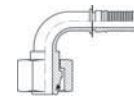
Femelle tournante métrique 24° + o'ring

Metric swivel female 24° seat with o'ring

Femmina metrica sede 24° con o'ring

DN	TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
3/4"	20	S	M30X2	B64204302012	
3/4"	25	S	M36X2	B64204362512	
1"	30	S	M42X2	B64204423016	
1"1/4	38	S	M52X2	B64204523820	

### Hembra giratoria 90° métrica cono 24° con junta tórica



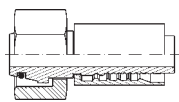
Femelle tournante coude 90° métrique 24° + o'ring

90° Metric swivel female 24° seat with o'ring

Femmina a 90° Metrica sede 24° con o'ring

DN	TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
3/4"	20	S	M30X2	B64205302012	
3/4"	25	S	M36X2	B64205362512	
1"	30	S	M42X2	B64205423016	
1"1/4	38	S	M52X2	B64205523820	

### Racores para martillo



Embouts pour marteau

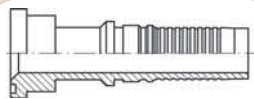
Fittings for hammer

Raccordi per martello

DN	TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
3/4"	25	S	M36X2	NAM362512	
1"	30	S	M42X2	NAM423016	
1"1/4	38	S	M52X2	NAM523820	

Se venden con casquillo incluido//Avec jupe incluse//With ferrule included//  
Con boccola inclusa

### Brida SAE 3000 PSI



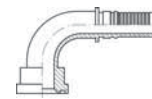
Bride SAE droite série 3000 PSI

3000 PSI SAE straight flange

Flangia SAE 3000 PSI

DN	Ø	REFERENCIA PART N°	€
3/4"	38.1	B641821212	
1"	44.5	B641821616	
1"1/4	50.8	B641822020	

### Brida 90° SAE 3000 PSI



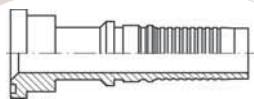
Bride SAE coude 90° série 3000 PSI

90° 3000 PSI SAE flange

Flangia a 90° SAE 3000 PSI

DN	Ø	REFERENCIA PART N°	€
3/4"	38.1	B641831212	
1"	44.5	B641831616	
1"1/4	50.8	B641832020	

### Brida SAE 6000 PSI



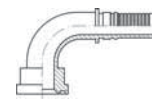
Bride SAE droite série 6000 PSI

6000 PSI SAE straight flange

Flangia SAE 6000 PSI

DN	Ø	REFERENCIA PART N°	€
3/4"	41.3	B642821212	
1"	47.6	B642821616	
1"1/4	54	B642822020	

### Brida 90° SAE 6000 PSI



Bride SAE coude 90° serie 6000 PSI

90° 6000 PSI SAE flange

Flangia 90° SAE 6000 PSI

DN	Ø	REFERENCIA PART N°	€
3/4"	41.3	B642831212	
1"	47.6	B642831616	
1"1/4	54	B642832020	

## Conexiones Interlock CrIII

Embouts à sertir Interlock **CrIII**  
 Interlock serie fittings **CrIII**  
 Raccordi serie Interlock **CrIII**

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

### Espiga para brida macho Poclair

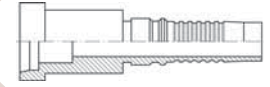


Embout bride mâle Poclair  
 Poclair male flange

Inserto per flangia maschio Poclair

DN	Ø	REFERENCIA PART N°	€
3/4"	3/4"	648011212	
1"	1"	648011616	
1"1/4	1"1/4	648012020	

### Espiga para brida hembra Poclair

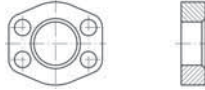


Embout bride femelle Poclair  
 Poclair female flange

Inserto per flangia femmina Poclair

DN	Ø	REFERENCIA PART N°	€
3/4"	3/4"	648021212	
1"	1"	648021616	
1"1/4	1"1/4	648022020	

### Brida entera macho Poclair 4 agujeros



Bride rectangulaire de fixation mâle Poclair-4 trous  
 Male Poclair flange 4 holes

Flangia intera maschio Poclair 4 fori

TAMAÑO SIZE	REFERENCIA PART N°	€
1/2"	448050808*	
3/4"	448051212	
1"	448051616	
1"1/4	448052020	

\*Hasta fin de existencias/\*\*Jusqu'à fin du stock/\*\*Until end of stock/\*\*Fino ad esaurimento scorta

### Brida entera hembra Poclair 4 agujeros



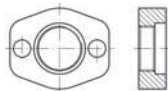
Bride rectangulaire de fixation femelle Poclair-4 trous  
 Female Poclair flange 4 holes

Flangia intera femmina Poclair 4 fori

TAMAÑO SIZE	REFERENCIA PART N°	€
1/2"	448060808*	
5/8"	448061010*	
3/4"	448061212	
1"	448061616	
1"1/4	448062020	

\*Hasta fin de existencias/\*\*Jusqu'à fin du stock/\*\*Until end of stock/\*\*Fino ad esaurimento scorta

### Brida entera macho Poclair 2 agujeros



Bride ovale fixation mâle Poclair 2 trous  
 Male Poclair flange 2 holes

Flangia intera maschio Poclair 2 fori

TUBO PIPE	REFERENCIA PART N°	€
1/2"	448070808*	
5/8"	448071010	
3/4"	448071212	
1"	448071616	
1"1/4	448072020	

\*Hasta fin de existencias/\*\*Jusqu'à fin du stock/\*\*Until end of stock/\*\*Fino ad esaurimento scorta

### Brida entera hembra Poclair 2 agujeros



Bride ovale fixation femelle Poclair 2 trous  
 Female Poclair flange 2 holes

Flangia intera femmina Poclair 2 fori

TUBO PIPE	REFERENCIA PART N°	€
5/8"	448081010*	
3/4"	448081212	
1"	448081616	
1"1/4	448082020	

\*Hasta fin de existencias/\*\*Jusqu'à fin du stock/\*\*Until end of stock/\*\*Fino ad esaurimento scorta

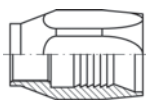
## Conexiones Reusables **CrIII**

Embouts Récuperables **CrIII**

Reusable serie fittings **CrIII**

Raccordi serie Recuperabile **CrIII**

### Casquillos R1A



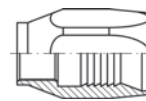
Jupes à visser R1A

Ferrules R1A

Boccola R1A

DN	REFERENCIA PART N°	€
1/4"	A1G-4 R1	
3/8"	A1G-6 R1	
1/2"	A1G-8 R1	
5/8"	A1G-10 R1	
3/4"	A1G-12 R1	

### Casquillos R2A



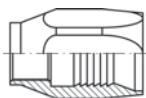
Jupes à visser R2A

Ferrules R2A

Boccola R2A

DN	REFERENCIA PART N°	€
1/4"	A1G-4 R2	
5/16"	A1G-5 R2	
3/8"	A1G-6 R2	
1/2"	A1G-8 R2	
5/8"	A1G-10 R2	
3/4"	A1G-12 R2	
1"	A1G-16 R2	

### Casquillos R1AT



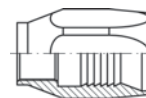
Jupes à visser R1AT

Ferrules R1AT

Boccola R1AT

DN	REFERENCIA PART N°	€
1/4"	A1G-4 R1T	
3/8"	A1G-6 R1T	
1/2"	A1G-8 R1T	

### Casquillos R2AT



Jupes à visser R2AT

Ferrules R2AT

Boccola R2AT

DN	REFERENCIA PART N°	€
1/4"	A1G-4 R2T	
3/8"	A1G-6 R2T	
1/2"	A1G-8 R2T	

### Hembras giratorias rectas BSP cono 60°



Femelle tournante gaz cyl BSP 60°

BSP Swivel female 60° cone

Femmina diritta recuperabile BSP sede 60°

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	A3G-4	
1/4"	3/8" BSP	A3G-6-4	
5/16"	3/8" BSP	A3G-6-5	
3/8"	3/8" BSP	A3G-6	
3/8"	1/2" BSP	A3G-8-6	
1/2"	1/2" BSP	A3G-8	
5/8"	5/8" BSP	A3G-10	
1/2"	3/4" BSP	A3G-12-8	
3/4"	3/4" BSP	A3G-12	
5/8"	3/4" BSP	A3G 12-10	
1"	1" BSP	A3G-16	

### Hembras giratorias 90° BSP cono 60°



Femelle tournante coude 90° gaz cyl BSP 60°

BSP 90° Swept elbow 60° cone

Femmina a 90° recuperabile BSP sede 60°

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	A90G-4	
5/16"	3/8" BSP	A90G-6-5	
3/8"	3/8" BSP	A90G-6	
3/8"	1/2" BSP	A90G-8-6	
1/2"	1/2" BSP	A90G-8	
1/2"	3/4" BSP	A90G-12-8	
3/4"	3/4" BSP	A90G-12	
3/4"	1" BSP	A90G-16-12	
1"	1" BSP	A90G-16	

## Conexiones Reusables **CrIII**

Embouts Récuperables **CrIII**

Reusable serie fittings **CrIII**

Raccordi serie Recuperabile **CrIII**

### Machos rosca cilíndrica BSP cono 60°



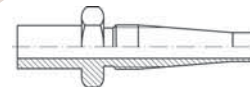
Mâle gaz cyl BSP 60°

BSP Male parallel 60° cone

Maschio cilindrico recuperabile BSP sede 60°

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	<b>A2G-4</b>	
1/4"	3/8" BSP	<b>A2G-6-4</b>	
5/16"	3/8" BSP	<b>A2G-6-5</b>	
3/8"	3/8" BSP	<b>A2G-6</b>	
3/8"	1/2" BSP	<b>A2G-8-6</b>	
1/2"	1/2" BSP	<b>A2G-8</b>	
5/8"	5/8" BSP	<b>A2G-10</b>	
1/2"	3/4" BSP	<b>A2G-12-8</b>	
3/4"	3/4" BSP	<b>A2G-12</b>	
5/8"	3/4" BSP	<b>A2G-12-10</b>	
3/4"	1" BSP	<b>A2G-16-12</b>	
1"	1" BSP	<b>A2G-16</b>	

### Espigas lisas Métricas



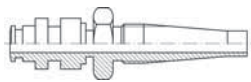
Embout lisse Métrique

Metric Standpipe

Estremità tubolare Metrica recuperabile

DN	TUBO PIPE	REFERENCIA PART N°	€
1/4"	6	<b>AE 6-4</b>	
1/4"	8	<b>AE 8-4</b>	
1/4"	10	<b>AE 10-4</b>	
5/16"	10	<b>AE 10-5</b>	
3/8"	10	<b>AE 10-6</b>	
5/16"	12	<b>AE 10-8</b>	
5/16"	12	<b>AE 12-5</b>	
3/8"	12	<b>AE 12-6</b>	
1/2"	15	<b>AE 15-8</b>	
1/2"	16	<b>AE 16-8</b>	
5/8"	18	<b>AE 18-10</b>	
5/8"	20	<b>AE 20-10</b>	
3/4"	22	<b>AE 22-12</b>	
3/4"	25	<b>AE 25-12</b>	

### Machos Stecko



Mâle Stecko

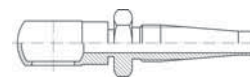
Male Stecko connections

Maschio Stecko recuperabile

DN	STECKO	REFERENCIA PART N°	€
1/4"	1/4"	<b>S2G-4</b>	
1/4"	3/8"	<b>S2G-6-4</b>	
1/2"	1/2"	<b>S2G-8</b>	

Hasta fin de existencias//Jusqu'à la fin du stock.//Until end of stock.//Fino ad esaurimento scorta.

### Orientables BSP



Banjo droit tube gaz cyl BSP

Banjo BSP

Raccordo ad occhio BSP recuperabile

DN	Ø	REFERENCIA PART N°	€
1/4"	1/4" BSP	<b>AOG-4</b>	
5/16"	3/8" BSP	<b>AOG-6-5</b>	
3/8"	3/8" BSP	<b>AOG-6</b>	
3/8"	1/2" BSP	<b>AOG-8-6</b>	
1/2"	1/2" BSP	<b>AOG-8</b>	
1/2"	3/4" BSP	<b>AOG-12-8</b>	
3/4"	3/4" BSP	<b>AOG-12</b>	
3/4"	1" BSP	<b>AOG-16-12</b>	
1"	1" BSP	<b>AOG-16</b>	

## Conexiones alta presión (700 Bar) **CrIII**

Embouts haute pression 700 Bar **CrIII**

High pressure 700 Bar fittings **CrIII**

Raccordi Altissima pressione (700 Bar) **CrIII**

### Manguera termoplástica 700 bar



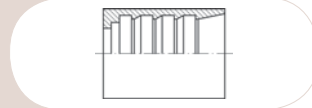
Tuyau thermoplastique haute pression 700 bar

Thermoplastic hose 700 bar

Tubo termoplastico 700 bar

DN	Ø in	REFERENCIA PART N°	€
1/4"	6,6	<b>MT70004</b>	
3/8"	9,8	<b>MT70006</b>	

### Casquillos manguera 700 bar tipo MT700



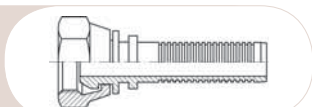
Jupes à sertir thermoplastique 700 bar type MT700

Ferrules for thermoplastic hose 700 bar MT700 type

Boccole per tubo termoplastico 700 bar tipo MT700

DN	REFERENCIA PART N°	€
1/4"	<b>710120400</b>	
3/8"	<b>710120600</b>	

### Hembra giratoria recta BSP 60°



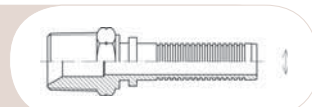
Embout thermoplastique 700 bar femelle tournante gaz cyl BSP 60°

BSP Swivel female 60° cone

Femmina diritta BSP sede 60°

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	<b>741000404</b>	
3/8"	3/8" BSP	<b>741000606</b>	

### Macho NPT



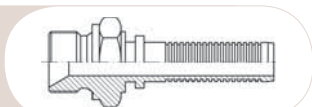
Embout thermoplastique 700 bar mâle fixe gaz conique NPT

NPT Male thread

Maschio conico NPT

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" NPT	<b>741610404</b>	
1/4"	3/8" NPT	<b>741610604</b>	
3/8"	3/8" NPT	<b>741610606</b>	

### Macho BSP 60°



Embout thermoplastique 700 bar mâle fixe gaz cyl BSP 60°

BSP Male parallel 60° cone

Maschio cilindrico BSP sede 60°

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	<b>741120404</b>	
3/8"	3/8" BSP	<b>741120606</b>	

## Conexiones Standard Zn/Ni

Embouts série Standard Zn/Ni  
Standard serie fittings Zn/Ni  
Raccordi serie Standard Zn/Ni

Hoses

Flexible hose fittings

### Casquillos R1A/1ST

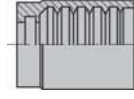


Jupes à sertir pour R1A/1ST  
Ferrules R1A/1ST

Boccole a pressare per R1A/1ST

DN	REFERENCIA PART N°	€
3/16"	220030300	
1/4"	220030400	
5/16"	220030500	
3/8"	220030600	
1/2"	220030800	
5/8"	220031000	
3/4"	220031200	
1"	220031600	
1"1/4	220032000	
1"1/2	220032400	
2"	220033200	

### Casquillos R1AT/ R2AT/1SN/2SN/2SC



Jupes à sertir R1AT/R2AT/1SN/2SN/2SC

Ferrules R1AT/R2AT/1SN/2SN/2SC

Boccole a pressare per R1AT/R2AT/1SN/2SN/2SC

DN	REFERENCIA PART N°	€
3/16"	PF221200300	
1/4"	PF221200400	
5/16"	PF221200500	
3/8"	PF221200600	
1/2"	PF221200800	
5/8"	PF221201000	
3/4"	PF221201200	
1"	PF221201600	
1"1/4	PF221202000	
1"1/2	PF221202400	
2"	PF221203200	

Stainless steel hoses  
and fittings

### Casquillos R2A-2ST / DIN 20023 4SP



Jupes à sertir R2A-2ST / DIN 20023 4SP

Ferrules R2A-2ST / DIN 20023 4SP

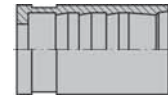
Boccole a pressare per R2A-2ST / DIN 20023 4 SP

DN	REFERENCIA PART N°	€
3/16"	PF122400300	
1/4"	PF122400400	
5/16"	PF122400500	
3/8"	PF122400600	
1/2"	PF122400800	
5/8"	PF122401000	
3/4"	PF122401200	
1"	PF122401600	
1"1/4	PF122402000	
1"1/2	PF122402400	
2"	PF122403200	

Low pressure

Air conditioned hoses  
and fittings

### Casquillos R7, R8 y malla metálica



Jupes à sertir R7, R8 et tresse métallique

Ferrules SAE 100 R7, R8 and metallic braid

Boccole a pressare per SAE R7, R8 e Treccia Metallica

DN	REFERENCIA PART N°	€
3/16"	PF2300300	
1/4"	PF2300400	
5/16"	PF2300500	
3/8"	PF2300600	
1/2"	PF2300800	

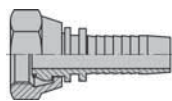
Measuring flow

Machines for  
mounting flexibles

## Conexiones Standard Zn/Ni

Embouts série Standard Zn/Ni  
Standard serie fittings Zn/Ni  
Raccordi serie Standard Zn/Ni

### Hembras giratorias rectas BSP cono 60° con junta tórica

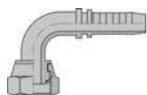


Femelle tournante droite gaz cyl BSP 60° + o'ring  
BSP Swivel female 60° with o'ring  
Femmina diritta BSP sede 60° con o'ring

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	G241100404L	
3/8"	3/8" BSP	G241100606L	
1/2"	1/2" BSP	G241100808L	
5/8"	5/8" BSP	G241101010	
3/4"	3/4" BSP	G241101212	
1"	1" BSP	G241101616	
1"	1"1/4 BSP	G241102016L	
1"1/4	1"1/4 BSP	G241102020	
1"1/4	1"1/2 BSP	G241102420	
1"1/2	1"1/2 BSP	G241102424	
1"1/2	2" BSP	G241103224	
2"	2" BSP	G241103232	

Referencias "...L" con tuerca libre//Les références "...L" sont avec écrou libre//  
The Referencies "...L" are with loose nut//I codici "...L", sono con dado libero

### Hembras giratorias 90° BSP cono 60° con junta tórica

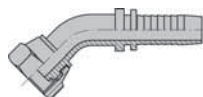


Coude 90° femelle tournante gaz cyl BSP 60° + o'ring  
90° BSP Swivel female 60° cone with o'ring  
Femmina a 90° BSP sede 60° con o'ring

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	G241170404L	
3/8"	3/8" BSP	G241170606L	
1/2"	1/2" BSP	G241170808L	
5/8"	5/8" BSP	G241171010	
3/4"	3/4" BSP	G241171212	
1"	1" BSP	G241171616	
1"	1"1/4 BSP	G241172016L	
1"1/4	1"1/4 BSP	G241172020	
1"1/4	1"1/2 BSP	G241172420	
1"1/2	1"1/2 BSP	G241172424	
2"	2" BSP	G241173232	

Referencias "...L" con tuerca libre//Les références "...L" sont avec écrou libre//  
The Referencies "...L" are with loose nut//I codici "...L", sono con dado libero

### Hembras giratorias 45° BSP cono 60° con junta tórica

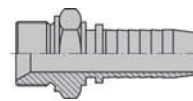


Coude 45° femelle tournante gaz cyl BSP 60° + o'ring  
45° BSP Swivel female 60° cone with o'ring  
Femmina a 45° BSP sede 60° con o'ring

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	G241180404L	
3/8"	3/8" BSP	G241180606L	
1/2"	1/2" BSP	G241180808L	
5/8"	5/8" BSP	G241181010	
3/4"	3/4" BSP	G241181212	
1"	1" BSP	G241181616	
1"	1"1/4 BSP	G241182016L	
1"1/4	1"1/4 BSP	G241182020	
1"1/2	1"1/2 BSP	G241182424	
1"1/2	2" BSP	G241183224	
2"	2" BSP	G241183232	

Referencias "...L" con tuerca libre//Les références "...L" sont avec écrou libre//  
The Referencies "...L" are with loose nut//I codici "...L", sono con dado libero

### Macho rosca cilíndrica BSP cono 60°



Mâle fixe gaz cyl BSP 60°  
BSP Male parallel 60° cone  
Maschio BSP cilindrico sede 60°

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	G241120404	
1/4"	3/8" BSP	G241120604	
5/16"	3/8" BSP	G241120605	
3/8"	3/8" BSP	G241120606	
1/2"	3/8" BSP	G241120608	
3/8"	1/2" BSP	G241120806	
1/2"	1/2" BSP	G241120808	
1/2"	5/8" BSP	G241121008	
5/8"	5/8" BSP	G241121010	
1/2"	3/4" BSP	G241121208	
5/8"	3/4" BSP	G241121210	
3/4"	3/4" BSP	G241121212	
3/4"	1" BSP	G241121612	
1"	1" BSP	G241121616	
1"	1"1/4 BSP	G241122016	
1"1/4	1"1/4 BSP	G241122020	
1"1/2	1"1/2 BSP	G241122424	
2"	2" BSP	G241123232	

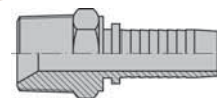
### Macho rosca cilíndrica BSP asiento plano



Mâle fixe gaz cyl fond plat  
BSP Male flat seat  
Maschio BSP cilindrico sede piana

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	G242120404	
3/8"	3/8" BSP	G242120606	
3/8"	1/2" BSP	G242120806	
1/2"	1/2" BSP	G242120808	

### Macho rosca cónica BSPT



Mâle fixe gaz conique BSPT  
BSPT Male tapered  
Maschio BSPT conico

DN	ROSCA THREAD	REFERENCIA PART N°	€
3/16"	1/8" BSPT	G241140203	
1/4"	1/8" BSPT	G241140204	
1/4"	1/4" BSPT	G241140404	
1/4"	3/8" BSPT	G241140604	
5/16"	3/8" BSPT	G241140605	
3/8"	3/8" BSPT	G241140606	
3/8"	1/2" BSPT	G241140806	
1/2"	1/2" BSPT	G241140808	
5/8"	3/4" BSPT	G241141210	
3/4"	3/4" BSPT	G241141212	
3/4"	1" BSPT	G241141612	
1"	1" BSPT	G241141616	
1"	1"1/4 BSPT	G241142016	
1"1/4	1"1/4 BSPT	G241142020	
1"1/2	1"1/2 BSPT	G241142424	
2"	2" BSPT	G241143232	



## Conexiones Standard Zn/Ni

Embouts série Standard Zn/Ni  
Standard serie fittings Zn/Ni  
Raccordi serie Standard Zn/Ni

Hoses

Flexible hose fittings

Stainless steel hoses  
and fittings

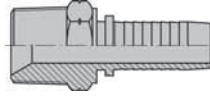
Low pressure

Air conditioned hoses  
and fittings

Measuring flow

Machines for  
mounting flexibles

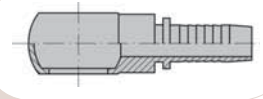
### Macho rosca cónica NPT



Mâle fixe gaz conique NPT  
NPT Male thread  
Maschio NPT conico

DN	ROSCA THREAD	REFERENCIA PART N°	€
3/16"	1/8" NPT	G241610203	
1/4"	1/8" NPT	G241610204	
1/4"	1/4" NPT	G241610404	
1/4"	3/8" NPT	G241610604	
5/16"	3/8" NPT	G241610605	
3/8"	3/8" NPT	G241610606	
1/2"	3/8" NPT	G241610608	
3/8"	1/2" NPT	G241610806	
1/2"	1/2" NPT	G241610808	
5/8"	1/2" NPT	G241610810	
1/2"	3/4" NPT	G241611208	
3/4"	3/4" NPT	G241611212	
3/4"	1" NPT	G241611612	
1"	1" NPT	G241611616	
1"	1"1/4 NPT	G241612016	
1"1/4	1"1/4 NPT	G241612020	
1"1/2	1"1/2 NPT	G241612424	
2"	2" NPT	G241613232	

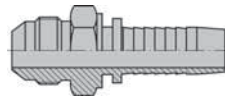
### Orientable BSP



Embout Banjo droit gaz  
Banjo BSP  
Raccordo ad occhio BSP

DN	Ø	REFERENCIA PART N°	€
1/4"	1/4" BSP	G241110404	
5/16"	3/8" BSP	G241110605	
3/8"	3/8" BSP	G241110606	
3/8"	1/2" BSP	G241110806	
1/2"	1/2" BSP	G241110808	
5/8"	5/8" BSP	G241111010	
5/8"	3/4" BSP	G241111210	
3/4"	3/4" BSP	G241111212	
1"	1" BSP	G241111616	

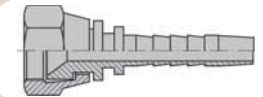
### Macho JIC 37°



Mâle fixe JIC cône 37°  
Male JIC 37° cone  
Maschio JIC 37°

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	7/16" 20h UNF	G241400704	
1/4"	1/2" 20h UNF	G241400804	
1/4"	9/16" 18h UNF	G241400904	
5/16"	9/16" 18h UNF	G241400905	
3/8"	9/16" 18h UNF	G241400906	
3/8"	3/4" 16h UNF	G241401206	
1/2"	3/4" 16h UNF	G241401208	
3/8"	7/8" 14h UNF	G241401406	
1/2"	7/8" 14h UNF	G241401408	
5/8"	7/8" 14h UNF	G241401410	
1/2"	1"1/16 12h UNF	G241401708	
5/8"	1"1/16 12h UNF	G241401710	
3/4"	1"1/16 12h UNF	G241401712	
3/4"	1"1/16 12h UNF	G241402112	
3/4"	1"1/16 12h UNF	G241402116	
1"	1"5/8 12h UNF	G241402616	
1"1/4	1"5/8 12h UNF	G241402620	
1"1/4	1"7/8 12h UNF	G241403020	
1"1/2	1"7/8 12h UNF	G241403024	
2"	2"1/2 12h UNF	G241404032	

### Hembras giratorias rectas JIC 37°



Femelle tournante droite JIC cône 37°  
JIC Swivel female 37° cone  
Femmina diritta JIC 37°

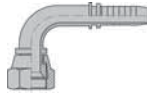
DN	ROSCA THREAD	REFERENCIA PART N°	€
3/16"	7/16" 20h UNF	G241420703	
1/4"	7/16" 20h UNF	G241420704	
1/4"	1/2" 20h UNF	G241420804	
5/16"	1/2" 20h UNF	G241420805	
1/4"	9/16" 18h UNF	G241420904	
5/16"	9/16" 18h UNF	G241420905	
3/8"	9/16" 18h UNF	G241420906	
3/8"	3/4" 16h UNF	G241421206	
1/2"	3/4" 16h UNF	G241421208	
3/8"	7/8" 14h UNF	G241421406	
1/2"	7/8" 14h UNF	G241421408	
5/8"	7/8" 14h UNF	G241421410	
1/2"	1"1/16 12h UNF	G241421708	
5/8"	1"1/16 12h UNF	G241421710	
3/4"	1"1/16 12h UNF	G241421712	
1"	1"1/16 12h UNF	G241421716	
3/4"	1"5/16 12h UNF	G241422112	
1"	1"5/16 12h UNF	G241422116	
1"	1"5/8 12h UNF	G241422616	
1"1/4	1"5/8 12h UNF	G241422620	
1"1/4	1"7/8 12h UNF	G241423020	
1"1/2	1"7/8 12h UNF	G241423024	
2"	2"1/2 12h UNF	G241424032	



## Conexiones Standard Zn/Ni

Embouts série Standard Zn/Ni  
Standard serie fittings Zn/Ni  
Raccordi serie Standard Zn/Ni

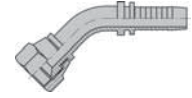
### Hembras giratorias 90° JIC 37°



Coude 90° femelle tournante cône JIC 37°  
90° JIC Swivel female 37° cone  
Femmina a 90° JIC 37°

DN	ROSCA THREAD	REFERENCIA PART N°	€
3/16"	7/16" 20h UNF	G241380703	
1/4"	7/16" 20h UNF	G241380704	
1/4"	1/2" 20h UNF	G241380804	
1/4"	9/16" 18h UNF	G241380904	
5/16"	9/16" 18h UNF	G241380905	
3/8"	9/16" 18h UNF	G241380906	
3/8"	3/4" 16h UNF	G241381206	
1/2"	3/4" 16h UNF	G241381208	
3/8"	7/8" 14h UNF	G241381406	
1/2"	7/8" 14h UNF	G241381408	
5/8"	7/8" 14h UNF	G241381410	
1/2"	1"1/16 12h UNF	G241381708	
5/8"	1"1/16 12h UNF	G241381710	
3/4"	1"1/16 12h UNF	G241381712	
3/4"	1"5/16 12h UNF	G241382112	
1"	1"5/16 12h UNF	G241382116	
1"	1"5/8 12h UNF	G241382616	
1"1/4	1"5/8 12h UNF	G241382620	
1"1/4	1"7/8 12h UNF	G241383020	
1"1/2	1"7/8 12h UNF	G241383024	
2"	2"1/2 12h UNF	G241384032	

### Hembras giratorias 45° JIC 37°



Coude 45° femelle tournante cône JIC 37°  
45° JIC swivel female 37° cone  
Femmina a 45° JIC 37°

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	7/16" 20h UNF	G241390704	
1/4"	1/2" 20h UNF	G241390804	
1/4"	9/16" 18h UNF	G241390904	
5/16"	9/16" 18h UNF	G241390905	
3/8"	9/16" 18h UNF	G241390906	
3/8"	3/4" 16h UNF	G241391206	
1/2"	3/4" 16h UNF	G241391208	
1/2"	7/8" 14h UNF	G241391408	
5/8"	7/8" 14h UNF	G241391410	
1/2"	1"1/16 12h UNF	G241391708	
5/8"	1"1/16 12h UNF	G241391710	
3/4"	1"1/16 12h UNF	G241391712	
3/4"	1"5/16 12h UNF	G241392112	
1"	1"5/16 12h UNF	G241392116	
1"	1"5/8 12h UNF	G241392616	
1"1/4	1"5/8 12h UNF	G241392620	
1"1/4	1"7/8 12h UNF	G241393020	
1"1/2	1"7/8 12h UNF	G241393024	
2"	2"1/2 12h UNF	G241394032	

## Conexiones Standard Zn/Ni

Embouts série Standard Zn/Ni  
Standard serie fittings Zn/Ni  
Raccordi serie Standard Zn/Ni

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

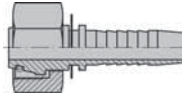
Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

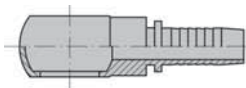
### Hembras giratorias Métricas cono 24° con junta tórica



Femelle tournante droite Métrique cône 24° + o'ring Série Allemande  
Metric swivel female 24° cone with o'ring  
Femmina Metrica sede 24° con o'ring

DN	TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
3/16"	6	L	12X1,5	G24804120603	
1/4"	6	L	12X1,5	G24804120604	
1/4"	8	L	14X1,5	G24804140804	
1/4"	10	L	16X1,5	G24804161004	
5/16"	10	L	16X1,5	G24804161005	
3/8"	10	L	16X1,5	G24804161006	
1/4"	12	L	18X1,5	G24804181204	
5/16"	12	L	18X1,5	G24804181205	
3/8"	12	L	18X1,5	G24804181206	
3/8"	15	L	22X1,5	G24804221506	
1/2"	15	L	22X1,5	G24804221508	
1/2"	18	L	26X1,5	G24804261808	
5/8"	18	L	26X1,5	G24804261810	
3/4"	22	L	30X2	G24804302212	
1"	28	L	36X2	G24804362816	
1 1/4"	35	L	45X2	G24804453520	
1 1/2"	42	L	52X2	G24804524224	
3/16"	8	S	16X1,5	G24804160803	
1/4"	8	S	16X1,5	G24804160804	
1/4"	10	S	18X1,5	G24804181004	
5/16"	12	S	20X1,5	G24804201205	
3/8"	12	S	20X1,5	G24804201206	
3/8"	14	S	22X1,5	G24804221406	
1/2"	16	S	24X1,5	G24804241608	
5/8"	20	S	30X2	G24804302010	
3/4"	20	S	30X2	G24804302012	
3/4"	25	S	36X2	G24804362512	
1"	25	S	36X2	G24804362516	
1"	30	S	42X2	G24804423016	
1 1/4"	38	S	52X2	G24804523820	

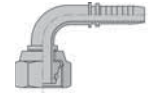
### Orientable Métrico



Embout Banjo droit Métrique  
Banjo Metric  
Raccordo ad occhio Metrico

DN	Ø	REFERENCIA PART N°	€
1/4"	M12X1.5	G241161204	
1/4"	M14X1.5	G241161404	
5/16"	M14X1.5	G241161405	
3/8"	M14X1.5	G241161406	
5/16"	M16X1.5	G241161605	
3/8"	M16X1.5	G241161606	
3/8"	M18X1.5	G241161806	
1/2"	M18X1.5	G241161808	
1/2"	M22X1.5	G241162208	
5/8"	M22X1.5	G241162210	
5/8"	M26X1.5	G241162610	
3/4"	M30X2	G241163012	

### Hembras giratorias 90° Métricas cono 24° con junta tórica



Coude 90° femelle tournante Métrique cône 24° + o'ring Série Allemande  
90° Metric swivel female 24° cone with o'ring  
Femmina Metrica a 90° sede 24° con o'ring

DN	TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
3/16"	6	L	12X1,5	G24305120603	
1/4"	6	L	12X1,5	G24305120604	
1/4"	8	L	14X1,5	G24305140804	
1/4"	10	L	16X1,5	G24305161004	
5/16"	10	L	16X1,5	G24305161005	
3/8"	10	L	16X1,5	G24305161006	
5/16"	12	L	18X1,5	G24305181205	
3/8"	12	L	18X1,5	G24305181206	
1/2"	15	L	22X1,5	G24305221508	
5/8"	18	L	26X1,5	G24305261810	
3/4"	22	L	30X2	G24305302212	
1"	28	L	36X2	G24305362816	
1 1/4"	35	L	45X2	G24305453520	
1 1/2"	42	L	52X2	G24305524224	
1/4"	8	S	16X1,5	G24305160804	
1/4"	10	S	18X1,5	G24305181004	
5/16"	12	S	20X1,5	G24305201205	
3/8"	12	S	20X1,5	G24305201206	
3/8"	14	S	22X1,5	G24305221406	
1/2"	16	S	24X1,5	G24305241608	
5/8"	20	S	30X2	G24305302010	
3/4"	20	S	30X2	G24305302012	
3/4"	25	S	36X2	G24305362512	
1"	25	S	36X2	G24305362516	
1"	30	S	42X2	G24305423016	
1 1/4"	38	S	52X2	G24305523820	

### Hembras giratorias 45° Métricas cono 24° con junta tórica



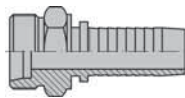
Coude 45° femelle tournante Métrique cône 24° + o'ring Série Allemande  
45° Metric swivel female 24° cone with o'ring  
Femmina Metrica a 45° sede 24° con o'ring

DN	TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
3/16"	6	L	12x1,5	G24306120603	
1/4"	8	L	14X1,5	G24306140804	
1/4"	10	L	16X1,5	G24306161004	
5/16"	10	L	16X1,5	G24306161005	
3/8"	10	L	16X1,5	G24306161006	
3/8"	12	L	18X1,5	G24306181206	
1/2"	15	L	22X1,5	G24306221508	
5/8"	18	L	26X1,5	G24306261810	
3/4"	22	L	30X2	G24306302212	
1"	28	L	36X2	G24306362816	
1 1/4"	35	L	45X2	G24306453520	
1 1/2"	42	L	52X2	G24306524224	
1/4"	8	S	16X1,5	G24306160804	
1/4"	10	S	18X1,5	G24306181004	
5/16"	12	S	20X1,5	G24306201205	
3/8"	12	S	20X1,5	G24306201206	
3/8"	14	S	22X1,5	G24306221406	
1/2"	16	S	24X1,5	G24306241608	
5/8"	20	S	30X2	G24306302010	
3/4"	20	S	30X2	G24306302012	
3/4"	25	S	36X2	G24306362512	
1"	25	S	36X2	G24306362516	
1"	30	S	42X2	G24306423016	
1 1/4"	38	S	52X2	G24306523820	

# Conexiones Standard Zn/Ni

Embouts série Standard Zn/Ni  
Standard serie fittings Zn/Ni  
Raccordi serie Standard Zn/Ni

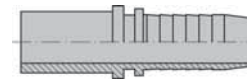
## Machos Métricos cono 24°



Mâle fixe Métrique cône 24°  
Metric stud 24° cone  
Maschio Metrico sede 24°

DN	TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
3/16"	6	L	12X1,5	G24203120603	
1/4"	6	L	12X1,5	G24203120604	
1/4"	8	L	14X1,5	G24203140804	
1/4"	10	L	16X1,5	G24203161004	
5/16"	10	L	16X1,5	G24203161005	
3/8"	10	L	16X1,5	G24203161006	
1/4"	12	L	18X1,5	G24203181204	
5/16"	12	L	18X1,5	G24203181205	
3/8"	12	L	18X1,5	G24203181206	
3/8"	15	L	22X1,5	G24203221506	
1/2"	15	L	22X1,5	G24203221508	
1/2"	18	L	26X1,5	G24203261808	
5/8"	18	L	26X1,5	G24203261810	
3/4"	22	L	30X2	G24203302212	
1"	28	L	36X2	G24203362816	
1"1/4	35	L	45X2	G24203453520	
1"1/2	42	L	52X2	G24203524224	
1/4"	8	S	16X1,5	G24203160804	
1/4"	10	S	18X1,5	G24203181004	
5/16"	10	S	18X1,5	G24203181005	
3/8"	10	S	18X1,5	G24203181006	
5/16"	12	S	20X1,5	G24203201205	
3/8"	12	S	20X1,5	G24203201206	
3/8"	14	S	22X1,5	G24203221406	
1/2"	16	S	24X1,5	G24203241608	
5/8"	20	S	30X2	G24203302010	
3/4"	20	S	30X2	G24203302012	
3/4"	25	S	36X2	G24203362512	
1"	25	S	36X2	G24203362516	
1"	30	S	42X2	G24203423016	
1"1/4	38	S	52X2	G24203523820	

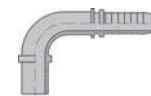
## Espiga lisa recta Métrica



Embout lisse droit Métrique  
Metric standpipe  
Estremità tubolare diritta Metrica

DN	TUBO PIPE	REFERENCIA PART N°	€
3/16"	6	G241580603	
1/4"	6	G241580604	
1/4"	8	G241580804	
3/8"	10	G241581006	
3/8"	12	G241581206	
3/8"	15	G241581506	
1/2"	15	G241581508	
1/2"	18	G241581808	
5/8"	18	G241581810	
3/4"	22	G241582212	
1"	28	G241582816	
1"1/4	35	G241583520	
1"1/2	42	G241584224	
1/4"	10	G241581004	
1/4"	12	G241581204	
5/16"	12	G241581205	
3/8"	14	G241581406	
1/2"	14	G241581408	
1/2"	16	G241581608	
5/8"	20	G241582010	
3/4"	20	G241582012	
3/4"	25	G241582512	
1"	25	G241582516	
1"	30	G241583016	
1"1/4	38	G241583820	

## Espiga lisa a 90° Métrica



Embout lisse coude 90° Métrique  
90° Metric standpipe  
Estremità tubolare a 90° Metrica

DN	TUBO PIPE	REFERENCIA PART N°	€
3/16"	6	G242580603	
1/4"	6	G242580604	
1/4"	8	G242580804	
3/8"	10	G242581006	
3/8"	12	G242581206	
1/2"	15	G242581508	
1/2"	18	G242581808	
5/8"	18	G242581810	
5/8"	22	G242582210	
3/4"	22	G242582212	
1"	28	G242582816	
1"1/4	35	G242583520	
1/4"	10	G242581004	
5/16"	12	G242581205	
3/8"	14	G242581406	
1/2"	14	G242581408	
1/2"	16	G242581608	
5/8"	20	G242582010	
3/4"	20	G242582012	
3/4"	25	G242582512	
1"	30	G242583016	

## Conexiones Standard Zn/Ni

Embouts série Standard Zn/Ni  
Standard serie fittings Zn/Ni  
Raccordi serie Standard Zn/Ni

Hoses

Flexible hose fittings

Stainless steel hoses  
and fittings

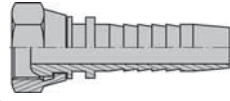
Low pressure

Air conditioned hoses  
and fittings

Measuring flow

Machines for  
mounting flexibles

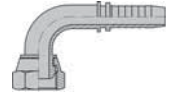
### Hembras giratorias Métricas cono 24°/60°



Femelle tournante Métrique cône 24°-60°  
Metric swivel female 24°/60° cone  
Femmina Metrica Multiseal 24°/60°

DN	TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	8L	M14X1.5	G244049511	
1/4"	10L	M16X1.5	G244049520	
5/16"	10L	M16X1.5	G244049523	
3/8"	10L	M16X1.5	G244049524	
5/16"	12L	M18X1.5	G244049525	
3/8"	12L	M18X1.5	G244049535	
3/8"	15L	M22X1.5	G244049552	
1/2"	15L	M22X1.5	G244049555	
5/8"	18L	M26X1.5	G244049571	

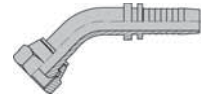
### Hembras giratorias 90° Métricas cono 24°/60°



Femelle tournante coude 90° Métrique cône 24°-60°  
90° Metric swivel female 24°/60° cone  
Femmina Metrica a 90° Multiseal 24°/60°

DN	TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	8L	M14X1.5	G244059511	
1/4"	10L	M16X1.5	G244059520	
5/16"	10L	M16X1.5	G244059523	
3/8"	10L	M16X1.5	G244059524	
5/16"	12L	M18X1.5	G244059525	
3/8"	12L	M18X1.5	G244059535	
3/8"	15L	M22X1.5	G244059552	
1/2"	15L	M22X1.5	G244059555	
5/8"	18L	M26X1.5	G244059571	

### Hembras giratorias 45° Métricas cono 24°/60°



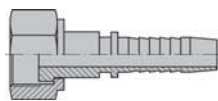
Femelle tournante coude 45° Métrique cône 24°-60°  
45° Metric swivel female 24°/60° cone  
Femmina Metrica a 45° Multiseal 24°/60°

DN	TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	8L	M14X1.5	G244069511	
5/16"	10L	M16X1.5	G244069523	
3/8"	10L	M16X1.5	G244069524	
5/16"	12L	M18X1.5	G244069525	
3/8"	12L	M18X1.5	G244069535	
1/2"	15L	M22X1.5	G244069555	
5/8"	18L	M26X1.5	G244069571	

## Conexiones Standard Zn/Ni

Embouts série Standard Zn/Ni  
Standard serie fittings Zn/Ni  
Raccordi serie Standard Zn/Ni

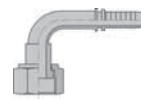
### Hembra giratoria recta ORFS asiento plano



Femelle tournante série Caterpillar-ORFS fond plat  
ORFS Swivel female straight flat seat  
Femmina diritta sede piana ORFS

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	9/16" 18h UNF	G449000404	
1/4"	11/16" 16h UNF	G449000604	
5/16"	11/16" 16h UNF	G449000605	
3/8"	11/16" 16h UNF	G449000606	
3/8"	13/16" 16h UNF	G449000806	
1/2"	13/16" 16h UNF	G449000808	
1/2"	1" 14h UNF	G449001008	
5/8"	1" 14h UNF	G449001010	
1/2"	1" 3/16 12h UNF	G449001208	
3/4"	1" 3/16 12h UNF	G449001212	
3/4"	1" 7/16 12h UNF	G449001612	
1"	1" 7/16 12h UNF	G449001616	
1"1/4	1" 11/16 12h UNF	G449002020	
1"1/2	2" 12h UNF	G449002424	

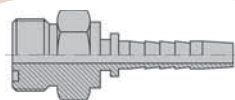
### Hembra giratoria 90° ORFS asiento plano



Femelle tournante coude 90° série Caterpillar-ORFS fond plat  
90° ORFS Swivel female flat seat  
Femmina a 90° sede piana ORFS

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	9/16" 18h UNF	G449070404	
5/16"	11/16" 16h UNF	G449070605	
3/8"	11/16" 16h UNF	G449070606	
3/8"	13/16" 16h UNF	G449070806	
1/2"	13/16" 16h UNF	G449070808	
1/2"	1-14h UNF	G449071008	
5/8"	1" 14h UNF	G449071010	
1/2"	1 3/16-12h UNF	G449071208	
3/4"	1" 3/16 12h UNF	G449071212	
3/4"	1" 7/16 12h UNF	G449071612	
1"	1" 7/16 12h UNF	G449071616	
1"1/4	1" 11/16 12h UNF	G449072020	

### Machos ORFS asiento plano con junta tórica



Mâle fixe série Caterpillar-ORFS fond plat + o'ring  
ORFS Male flat seat + o'ring  
Maschio ORFS sede piana con o'ring

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	9/16" 18h UNF	G449120404	
1/4"	11/16" 16h UNF	G449120604	
5/16"	11/16" 16h UNF	G449120605	
3/8"	11/16" 16h UNF	G449120606	
1/2"	13/16" 16h UNF	G449120808	
5/8"	1" 14h UNF	G449121010	
3/4"	1" 3/16 12h UNF	G449121212	
1"	1" 7/16 12h UNF	G449121616	
1"1/4	1" 11/16-12h UNF	G449122020	

### Hembra giratoria 45° ORFS asiento plano



Femelle tournante coude 45° série Caterpillar-ORFS fond plat  
45° ORFS Swivel female  
Femmina a 45° sede piana ORFS

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	9/16" 18h UNF	G449080404	
3/8"	11/16" 16h UNF	G449080606	
3/8"	13/16" 16h UNF	G449080806	
1/2"	13/16" 16h UNF	G449080808	
1/2"	1" - 14h UNF	G449081008	
5/8"	1" 14h UNF	G449081010	
3/4"	1" 3/16 12h UNF	G449081212	
1"	1" 7/16 12h UNF	G449081616	
1"1/4	1" 11/16 12h UNF	G449082020	

## Conexiones Standard Zn/Ni

Embouts série Standard Zn/Ni  
Standard serie fittings Zn/Ni  
Raccordi serie Standard Zn/Ni

Hoses

Flexible hose fittings

Stainless steel hoses  
and fittings

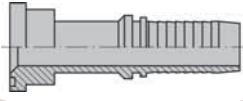
Low pressure

Air conditioned hoses  
and fittings

Measuring flow

Machines for  
mounting flexibles

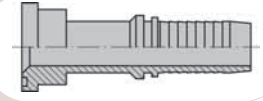
### Brida recta SAE 3000 PSI



Bride SAE droite série 3000 PSI  
3000 PSI SAE Straight flange  
Flangia diritta SAE 3000 PSI

DN	Ø	REFERENCIA PART N°	€
1/2"	30.2	G241820808	
1/2"	38.1	G241821208	
5/8"	38.1	G241821210	
3/4"	38.1	G241821212	
3/4"	44.5	G241821612	
1"	44.5	G241821616	
1"	50.8	G241822016	
1"1/4	50.8	G241822020	
1"1/4	60.3	G241822420	
1"1/2	60.3	G241822424	
1"1/2	71.4	G241823224	
2"	71.4	G241823232	

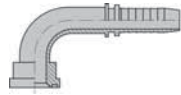
### Brida recta SAE 6000 PSI



Bride SAE droite série 6000 PSI  
6000 PSI SAE Straight flange  
Flangia diritta SAE 6000 PSI

DN	Ø	REFERENCIA PART N°	€
1/2"	31.8	G242820808	
1/2"	41.3	G242821208	
5/8"	41.3	G242821210	
3/4"	41.3	G242821212	
3/4"	47.6	G242821612	
1"	47.6	G242821616	
1"	54	G242822016	
1"1/4	54	G242822020	
1"1/4	63.5	G242822420	
1"1/2	63.5	G242822424	
1"1/2	79.4	G242823224	
2"	79.4	G242823232	

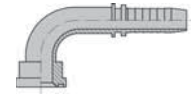
### Brida a 90° SAE 3000 PSI



Bride SAE coude 90° série 3000 PSI  
3000 PSI SAE 90° Flange  
Flangia a 90° SAE 3000 PSI

DN	Ø	REFERENCIA PART N°	€
1/2"	30.2	G241830808	
1/2"	38.1	G241831208	
5/8"	38.1	G241831210	
3/4"	38.1	G241831212	
3/4"	44.5	G241831612	
1"	44.5	G241831616	
1"	50.8	G241832016	
1"1/4	50.8	G241832020	
1"1/4	60.3	G241832420	
1"1/2	60.3	G241832424	
1"1/2	71.4	G241833224	
2"	71.4	G241833232	

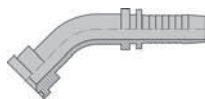
### Brida a 90° SAE 6000 PSI



Bride SAE coude 90° série 6000 PSI  
6000 PSI SAE 90° Flange  
Flangia a 90° SAE 6000 PSI

DN	Ø	REFERENCIA PART N°	€
1/2"	31.8	G242830808	
1/2"	41.3	G242831208	
5/8"	41.3	G242831210	
3/4"	41.3	G242831212	
3/4"	47.6	G242831612	
1"	47.6	G242831616	
1"	54	G242832016	
1"1/4	54	G242832020	
1"1/4	63.5	G242832420	
1"1/2	63.5	G242832424	
1"1/2	79.4	G242833224	

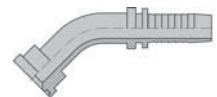
### Brida a 45° SAE 3000 PSI



Bride SAE coude 45° série 3000 PSI  
3000 PSI SAE 45° Flange  
Flangia a 45° SAE 3000 PSI

DN	Ø	REFERENCIA PART N°	€
1/2"	30.2	G241840808	
1/2"	38.1	G241841208	
5/8"	38.1	G241841210	
3/4"	38.1	G241841212	
3/4"	44.5	G241841612	
1"	44.5	G241841616	
1"	50.8	G241842016	
1"1/4	50.8	G241842020	
1"1/4	60.3	G241842420	
1"1/2	60.3	G241842424	
1"1/2	71.4	G241843224	
2"	71.4	G241843232	

### Brida a 45° SAE 6000 PSI



Bride SAE coude 45° série 6000 PSI  
6000 PSI SAE 45° Flange  
Flangia a 45° SAE 6000 PSI

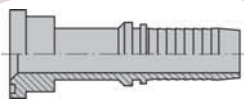
DN	Ø	REFERENCIA PART N°	€
1/2"	31.8	G242840808	
1/2"	41.3	G242841208	
5/8"	41.3	G242841210	
3/4"	41.3	G242841212	
3/4"	47.6	G242841612	
1"	47.6	G242841616	
1"	54	G242842016	
1"1/4	54	G242842020	
1"1/4	63.5	G242842420	
1"1/2	63.5	G242842424	
1"1/2	79.4	G242843224	
2"	79.4	G242843232	



## Conexiones Standard Zn/Ni

Embouts série Standard Zn/Ni  
Standard serie fittings Zn/Ni  
Raccordi serie Standard Zn/Ni

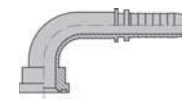
### Brida recta 9000 PSI



Bride tournante droite série 9000 PSI  
9000 PSI straight Flange  
Flangia diritta 9000 PSI

DN	Ø	REFERENCIA PART N°	€
3/4"	41,3	G442821212	
3/4"	47,6	G442821612	
1"	47,6	G442821616	
1"	54	G442822016	
1"1/4	54	G442822020	
1"1/2	63,5	G442822424	

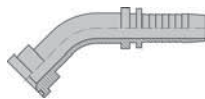
### Brida a 90° 9000 PSI



Bride tournante coude 90° série 9000 PSI  
9000 PSI 90° Flange  
Flangia a 90° 9000 PSI

DN	Ø	REFERENCIA PART N°	€
3/4"	41,3	G442831212	
3/4"	47,6	G442831612	
1"	47,6	G442831616	
1"	54	G442832016	
1"1/4	54	G442832020	
1"1/2	63,5	G442832424	

### Brida a 45° 9000 PSI



Bride tournante coude 45° série 9000 PSI  
9000 PSI 45° Flange  
Flangia a 45° 9000 PSI

DN	Ø	REFERENCIA PART N°	€
3/4"	41,3	G442841212	
1"	47,6	G442841616	
1"	54	G442842016	
1"1/4	54	G442842020	
1"1/2	63,5	G442842424	

Hoses

Flexible hose fittings

Stainless steel hoses  
and fittings

Low pressure

Air conditioned hoses  
and fittings

Measuring flow

Machines for  
mounting flexibles

## Conexiones Interlock Zn/Ni

Embouts à sertir Interlock Zn/Ni  
Interlock serie fittings Zn/Ni  
Raccordi serie Interlock Zn/Ni

Hoses

Flexible hose fittings

### Casquillos 4SH



Jupe à sertir DIN 20023 4SH

Ferrules DIN 20023-4SH

Boccola Interlock 4SH

DN	Descripción Description	REFERENCIA PART N°	€
3/4"	4SH / R13 / R15	A610101200	
1"	4SH / R13 / R15	A610101600	
1"1/4	4SH	A610102000	
1"1/2	4SH	A610102400	
2"	4SH	A610103200	

### Casquillos R13-R15



Jupe à sertir DIN 20023 R13/R15

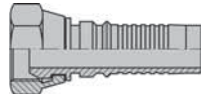
Ferrules SAE 100 R13/R15

Boccola Interlock R13/R15

DN	Descripción Description	REFERENCIA PART N°	€
1"1/4	R13/R15	610102000	
1"1/2	R13/R15	610102400	
2"	R13/R15	610103200	

Stainless steel hoses  
and fittings

### Hembras giratorias rectas BSP cono 60° con junta



Femelle tournante gaz cyl BSP 60° + o'ring

BSP Swivel female 60° cone + o'ring

Femmina diritta BSP sede 60° con o'ring

DN	ROSCA THREAD	REFERENCIA PART N°	€
3/4"	3/4" BSP	641001212	
1"	1" BSP	641001616	
1"1/4	1"1/4 BSP	641002020	
1"1/2	1"1/2 BSP	641002424	
2"	2" BSP	641003232	

### Hembras giratorias 45° BSP cono 60° con junta



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

45° BSP Swivel female 60° cone + o'ring

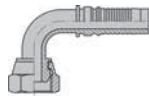
Femmina a 45° BSP sede 60° con o'ring

DN	ROSCA THREAD	REFERENCIA PART N°	€
3/4"	3/4" BSP	641081212	
1"	1" BSP	641081616	
1"1/4	1"1/4 BSP	641082020	
1"1/2	1"1/2 BSP	641082424	
2"	2" BSP	641083232	

Low pressure

Air conditioned hoses  
and fittings

### Hembras giratorias 90° BSP cono 60° con junta



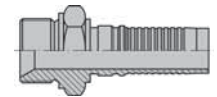
Femelle tournante coude 90° gaz cyl BSP 60°+ o'ring

90° BSP Swivel female 60° cone + o'ring

Femmina a 90° BSP sede 60° con o'ring

DN	ROSCA THREAD	REFERENCIA PART N°	€
3/4"	3/4" BSP	641071212	
1"	1" BSP	641071616	
1"1/4	1"1/4 BSP	641072020	
1"1/2	1"1/2 BSP	641072424	
2"	2" BSP	641073232	

### Macho rosca cilíndrica BSP cono 60°



Mâle fixe gaz cyl BSP 60°

BSP Male 60° cone

Maschio cilindrico BSP sede 60°

DN	ROSCA THREAD	REFERENCIA PART N°	€
3/4"	3/4" BSP	641121212	
1"	1" BSP	641121616	
1"1/4	1"1/4 BSP	641122020	
1"1/2	1"1/2 BSP	641122424	
2"	2" BSP	641123232	

Measuring flow

Machines for  
mounting flexibles

Por razones logísticas y de producción, estos productos se suministrarán según disponibilidad (Zn/Ni; CrIII; CrVI). Las referencias más estándar (equivalentes a la serie B, ver págs. (58-60), se suministrarán habitualmente en Zn/Ni. / Pour des raisons logistiques et de fabrication, les produits (Zn/Ni; CrIII; CrVI) seront fournis selon disponibilité. Les références standard, équivalentes à la série B, voir pages (58-60), seront fournies normalement en Zn/Ni. / For logistics and manufacturing reasons, products (Zn/Ni; CrIII; CrVI) will be supplied upon availability. Standard references, equivalent to B series, see pages (58-60), will, usually, be supplied in Zn/Ni. / Per ragioni di logistica e di produzione, questi articoli saranno forniti secondo la disponibilità (Zn/Ni; CrIII; CrVI) I codici più standard (equivalenti alla serie B, vedere pagine (58-60), saranno forniti abitualmente in Zn/Ni.

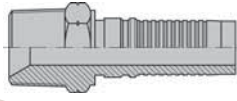


## Conexiones Interlock Zn/Ni

Embouts à sertir Interlock Zn/Ni  
Interlock serie fittings Zn/Ni  
Raccordi serie Interlock Zn/Ni

75

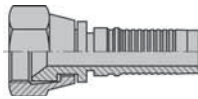
### Macho rosca NPT



Mâle fixe NPT  
NPT Male thread  
Maschio conico NPT

DN	ROSCA THREAD	REFERENCIA PART N°	€
3/4"	3/4" NPT	641611212	
1"	1" NPT	641611616	
1"1/4	1"1/4 NPT	641612020	
1"1/2	1"1/2 NPT	641612424	
2"	2" NPT	641613232	

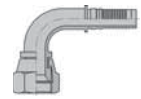
### Hembras giratorias rectas JIC 37°



Femelle tournante JIC 37°  
JIC 37° Swivel female  
Femmina diritta JIC 37°

DN	ROSCA THREAD	REFERENCIA PART N°	€
3/4"	1"1/16 12h UNF	641421712	
1"	1"5/16 12h UNF	641422116	
1"1/4	1"5/8 12h UNF	641422620	
1"1/2	1"7/8 12h UNF	641423024	
2"	2"1/2 12h UNF	641424032	

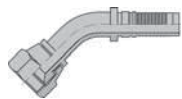
### Hembras giratorias 90° JIC 37°



Femelle tournante coude 90° JIC 37°  
90° JIC 37° Swivel female  
Femmina a 90° JIC 37°

DN	ROSCA THREAD	REFERENCIA PART N°	€
3/4"	1"1/16 12h UNF	641381712	
1"	1"5/16 12h UNF	641382116	
1"1/4	1"5/8 12h UNF	641382620	
1"1/2	1"7/8 12h UNF	641383024	
2"	2"1/2 12h UNF	641384032	

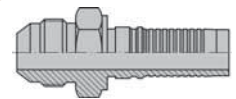
### Hembras giratorias 45° JIC 37°



Femelle tournante coude 45° JIC 37°  
45° JIC 37° Swivel female  
Femmina a 45° JIC 37°

DN	ROSCA THREAD	REFERENCIA PART N°	€
3/4"	1"1/16 12h UNF	641391712	
1"	1"5/16 12h UNF	641392116	
1"1/4	1"5/8 12h UNF	641392620	
1"1/2	1"7/8 12h UNF	641393024	
2"	2"1/2 12h UNF	641394032	

### Macho JIC 37°



Mâle fixe JIC 37°  
JIC 37° male  
Maschio JIC 37°

DN	ROSCA THREAD	REFERENCIA PART N°	€
3/4"	1"1/16 12h UNF	641401712	
1"	1"5/16 12h UNF	641402116	
1"1/4	1"5/8 12h UNF	641402620	
1"1/2	1"7/8 12h UNF	641403024	
2"	2"1/2 12h UNF	641404032	

Por razones logísticas y de producción, estos productos se suministrarán según disponibilidad (Zn/Ni; CrIII; CrVI). Las referencias más estándar (equivalentes a la serie B, ver págs. (58-60), se suministrarán habitualmente en Zn/Ni. / Pour des raisons logistiques et de fabrication, les produits (Zn/Ni; CrIII; CrVI) seront fournis selon disponibilité. Les références standard, équivalentes à la série B, voir pages (58-60), seront fournies normalement en Zn/Ni. / For logistics and manufacturing reasons, products (Zn/Ni; CrIII; CrVI) will be supplied upon availability. Standard references, equivalent to B series, see pages (58-60), will, usually, be supplied in Zn/Ni. / Per ragioni di logistica e di produzione, questi articoli saranno forniti secondo la disponibilità (Zn/Ni; CrIII; CrVI) i codici più standard (equivalenti alla serie B, vedere pagine (58-60), saranno forniti abitualmente in Zn/Ni.

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

Hoses

Flexible hose fittings

Stainless steel hoses  
and fittings

Low pressure

Air conditioned hoses  
and fittings

Measuring flow

Machines for  
mounting flexibles

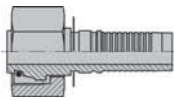
## Conexiones Interlock Zn/Ni

Embouts à sertir Interlock Zn/Ni  
Interlock serie fittings Zn/Ni  
Raccordi serie Interlock Zn/Ni

Hoses

Flexible hose fittings

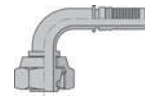
### Hembra giratoria recta Métrica cono 24° con junta tórica



Femelle tournante Métrique 24° + o'ring  
Metric swivel female 24° seat with o'ring  
Femmina Metrica sede 24° con o'ring

DN	TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
3/4"	20	S	M30X2	64204302012	
3/4"	25	S	M36X2	64204362512	
1"	30	S	M42X2	64204423016	
1"1/4	38	S	M52X2	64204523820	

### Hembra giratoria 90° Métrica cono 24° con junta tórica



Femelle tournante coude 90° Métrique + o'ring  
90° Metric swivel female 24° seat with o'ring  
Femmina a 90° Metrica sede 24° con o'ring

DN	TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
3/4"	20	S	M30X2	64205302012	
3/4"	25	S	M36X2	64205362512	
1"	30	S	M42X2	64205423016	
1"1/4	38	S	M52X2	64205523820	

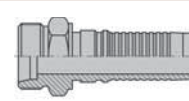
### Hembra giratoria 45° Métrica cono 24° con junta tórica



Femelle tournante coude 45° Métrique + o'ring  
45° Metric swivel female 24° seat with o'ring  
Femmina a 45° sede 24° con o'ring

DN	TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
3/4"	20	S	M30X2	64206302012	
3/4"	25	S	M36X2	64206362512	
1"	30	S	M42X2	64206423016	
1"1/4	38	S	M52X2	64206523820	

### Macho rosca Métrica cono 24°



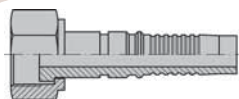
Mâle fixe Métrique 24° série lourde  
Metric male stud 24° cone  
Maschio Metrico sede 24°

DN	TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
3/4"	20	S	M30X2	64203302012	
3/4"	25	S	M36X2	64203362512	
1"	30	S	M42X2	64203423016	
1"1/4	38	S	M52X2	64203523820	

Stainless steel hoses  
and fittings

Low pressure

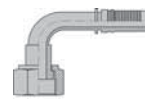
### Hembras rectas ORFS



Femelle droite ORFS  
ORFS Swivel female  
Femmina diritta ORFS Interlock

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
3/4"	1"3/16 12h UNF	649001212	
1"	1"7/16 12h UNF	649001616	
1"1/4	1"11/16 12h UNF	649002020	
1"1/2	2" 12h UNF	649002424	

### Codos 90° ORFS



Coude 90° femelle ORFS  
90° ORFS Swivel female  
Curva a 90° ORFS Interlock

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
3/4"	1"3/16 12h UNF	649071212	
1"	1"7/16 12h UNF	649071616	
1"1/4	1"11/16 12h UNF	649072020	
1"1/2	2" 12h UNF	649072424	

Air conditioned hoses  
and fittings

Measuring flow

### Codos 45° ORFS



Coude 45° femelle ORFS  
45° ORFS Swivel female  
Curva a 45° ORFS Interlock

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
3/4"	1"3/16 12h UNF	649081212	
1"	1"7/16 12h UNF	649081616	
1"1/4	1"11/16 12h UNF	649082020	
1"1/2	2" 12h UNF	649082424	

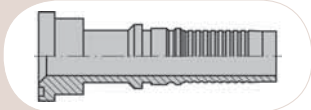
Machines for  
mounting flexibles

Por razones logísticas y de producción, estos productos se suministrarán según disponibilidad (Zn/Ni; CrIII; CrVI). Las referencias más estándar (equivalentes a la serie B, ver págs. (58-60), se suministrarán habitualmente en Zn/Ni. / Pour des raisons logistiques et de fabrication, les produits (Zn/Ni; CrIII; CrVI) seront fournis selon disponibilité. Les références standard, équivalentes à la série B, voir pages (58-60), seront fournies normalement en Zn/Ni. / For logistics and manufacturing reasons, products (Zn/Ni; CrIII; CrVI) will be supplied upon availability. Standard references, equivalent to B series, see pages (58-60), will, usually, be supplied in Zn/Ni. / Per ragioni di logistica e di produzione, questi articoli saranno forniti secondo la disponibilità (Zn/Ni; CrIII; CrVI) I codici più standard (equivalenti alla serie B, vedere pagine (58-60), saranno forniti abitualmente in Zn/Ni.

# Conexiones Interlock Zn/Ni

Embouts à sertir Interlock Zn/Ni  
Interlock serie fittings Zn/Ni  
Raccordi serie Interlock Zn/Ni

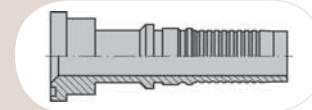
## Brida SAE 3000 PSI



Bride SAE droite série 3000 PSI  
3000 PSI SAE Straight flange  
Flangia SAE 3000 PSI

DN	Ø	REFERENCIA PART N°	€
3/4"	38.1	641821212	
3/4"	44.5	641821612	
1"	44.5	641821616	
1"	50.8	641822016	
1"1/4	50.8	641822020	
1"1/4	60.3	641822420	
1"1/2	60.3	641822424	
1"1/2	71.4	641823224	
2"	71.4	641823232	

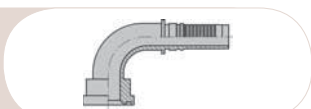
## Brida SAE 6000 PSI



Bride SAE droite série 6000 PSI  
6000 PSI SAE Straight flange  
Flangia SAE 6000 PSI

DN	Ø	REFERENCIA PART N°	€
3/4"	41,3	642821212	
3/4"	47,63	642821612	
1"	47,63	642821616	
1"	53,98	642822016	
1"1/4	53,98	642822020	
1"1/4	63,5	642822420	
1"1/2	63,5	642822424	
1"1/2	79,4	642823224	
2"	79,4	642823232	

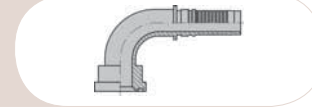
## Brida a 90° SAE 3000 PSI



Bride SAE coude 90° série 3000 PSI  
90° 3000 PSI SAE Flange  
Flangia a 90° SAE 3000 PSI

DN	Ø	REFERENCIA PART N°	€
3/4"	38.1	641831212	
3/4"	44.5	641831612	
1"	44.5	641831616	
1"	50.8	641832016	
1"1/4	50.8	641832020	
1"1/4	60.3	641832420	
1"1/2	60.3	641832424	
1"1/2	71.4	641833224	
2"	71.4	641833232	

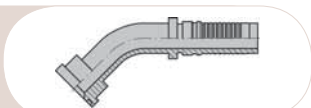
## Brida a 90° SAE 6000 PSI



Bride SAE coude 90° série 6000 PSI  
90° 6000 PSI SAE Flange  
Flangia a 90° SAE 6000 PSI

DN	Ø	REFERENCIA PART N°	€
3/4"	41.3	642831212	
3/4"	47.6	642831612	
1"	47.6	642831616	
1"	54	642832016	
1"1/4	54	642832020	
1"1/4	63.5	642832420	
1"1/2	63.5	642832424	
1"1/2	79.4	642833224	
2"	79.4	642833232	

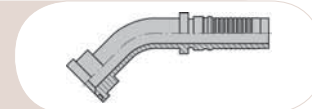
## Brida a 45° SAE 3000 PSI



Bride SAE coude 45° série 3000 PSI  
45° 3000 PSI SAE Flange  
Flangia a 45° SAE 3000 PSI

DN	Ø	REFERENCIA PART N°	€
3/4"	38.1	641841212	
3/4"	44.5	641841612	
1"	44.5	641841616	
1"1/4	50.8	641842020	
1"1/4	60.3	641842420	
1"1/2	60.3	641842424	
1"1/2	71.4	641843224	
2"	71.4	641843232	

## Brida a 45° SAE 6000 PSI



Bride SAE coude 45° série 6000 PSI  
45° 6000 PSI SAE Flange  
Flangia a 45° SAE 6000 PSI

DN	Ø	REFERENCIA PART N°	€
3/4"	41,3	642841212	
3/4"	47,6	642841612	
1"	47,6	642841616	
1"	54	642842016	
1"1/4	54	642842020	
1"1/4	63,5	642842420	
1"1/2	63,5	642842424	
1"1/2	79,4	642843224	
2"	79,4	642843232	

Por razones logísticas y de producción, estos productos se suministrarán según disponibilidad (Zn/Ni; CrIII; CrVI). Las referencias más estándar (equivalentes a la serie B, ver págs. (58-60), se suministrarán habitualmente en Zn/Ni. / Pour des raisons logistiques et de fabrication, les produits (Zn/Ni; CrIII; CrVI) seront fournis selon disponibilité. Les références standard, équivalentes à la série B, voir pages (58-60), seront fournies normalement en Zn/Ni. / For logistics and manufacturing reasons, products (Zn/Ni; CrIII; CrVI) will be supplied upon availability. Standard references, equivalent to B series, see pages (58-60), will, usually, be supplied in Zn/Ni. / Per ragioni di logistica e di produzione, questi articoli saranno forniti secondo la disponibilità (Zn/Ni; CrIII; CrVI) i codici più standard (equivalenti alla serie B, vedere pagine (58-60), saranno forniti abitualmente in Zn/Ni.

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

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

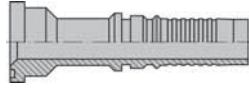
## Conexiones Interlock Zn/Ni

Embouts à sertir Interlock Zn/Ni

Interlock serie fittings Zn/Ni

Raccordi serie Interlock Zn/Ni

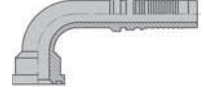
### Brida 9000 PSI



Bride droite série 9000 PSI  
9000 PSI Straight flange  
Flangia 9000 PSI

DN	Ø	REFERENCIA PART N°	€
3/4"	41,3	643821212	
3/4"	47,6	643821612	
1"	47,6	643821616	
1"	54	643822016	
1"1/4	54	643822020	
1"1/4	63,5	643822420	
1"1/2	63,5	643822424	

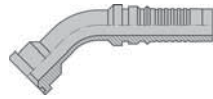
### Brida a 90° 9000 PSI



Bride coude 90° série 9000 PSI  
90° 9000 PSI Flange  
Flangia a 90° 9000 PSI

DN	Ø	REFERENCIA PART N°	€
3/4"	41,3	643831212	
3/4"	47,6	643831612	
1"	47,6	643831616	
1"	54	643832016	
1"1/4	54	643832020	
1"1/4	63,5	643832420	
1"1/2	63,5	643832424	

### Brida a 45° 9000 PSI



Bride coude 45° série 9000 PSI  
45° 9000 PSI Flange  
Flangia a 45° 9000 PSI

DN	Ø	REFERENCIA PART N°	€
3/4"	41,3	643841212	
3/4"	47,6	643841612	
1"	47,6	643841616	
1"	54	643842016	
1"1/4	54	643842020	
1"1/4	63,5	643842420	
1"1/2	63,5	643842424	

Por razones logísticas y de producción, estos productos se suministrarán según disponibilidad (Zn/Ni; CrIII; CrVI). Las referencias más estándar (equivalentes a la serie B, ver págs. (58-60), se suministrarán habitualmente en Zn/Ni. / Pour des raisons logistiques et de fabrication, les produits (Zn/Ni; CrIII; CrVI) seront fournis selon disponibilité. Les références standard, équivalentes à la série B, voir pages (58-60), seront fournies normalement en Zn/Ni. / For logistics and manufacturing reasons, products (Zn/Ni; CrIII; CrVI) will be supplied upon availability, Standard references, equivalent to B series, see pages (58-60), will, usually, be supplied in Zn/Ni. / Per ragioni di logistica e di produzione, questi articoli saranno forniti secondo la disponibilità (Zn/Ni; CrIII; CrVI) I codici più standard (equivalenti alla serie B, vedere pagine (58-60), saranno forniti abitualmente in Zn/Ni.

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

# Tabla de prensados para mangueras hidráulicas

Tableau sertissage pour les tuyaux hydrauliques | Crimping table for hydraulic hoses |  
Tabella di pressatura per tubi idraulici

**Tolerancias de prensado** | Tolerance de sertissage | Crimping tolerances | Toleranza di pressatura  
**1/8" - 3/8" : + 0 / - 0,2 | 1/2" - 2" 1/2 : + 0 / - 0,4**

Manguera   Tuyaux Hose   Tubo	DN (mm)	5	6	8	10	12	16	19	25	31	38	51
	Pulgadas   Pouces   Inches   Inch	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1"1/4	1"1/2	2"
	Galga   Piges   Gauge   size	03	04	05	06	08	10	12	16	20	24	32
EN 857 1SC MS1SC	Casquillo   Jupe   Ferrule   Boccola	-	PF23	PF23	PF23	PF23	-	-	-	-	-	-
	∅ Ext. casquillo   Jupe   Ferrule   Boccola	-	DI23	DI23	DI23	DI23	-	-	-	-	-	-
	∅ Ext. manguera   Tuyaux   Hose   Tubo	-	18	19	22	26	-	-	-	-	-	-
	∅ Prensado   Sertissage   Crimping   Pressatura	-	15,6	16	19,1	23,2	-	-	-	-	-	-
EN 857 2SC MS2SC	Casquillo   Jupe   Ferrule   Boccola	-	PF2212	PF221200500	PF2212	PF2212	PF2212	PF2212	PF2212	PF2212	-	-
	∅ Ext. casquillo   Jupe   Ferrule   Boccola	-	DI2212	DI221200500	DI221200501	DI2212	DI2212	DI2212	DI2212	DI2212	-	-
	∅ Ext. manguera   Tuyaux   Hose   Tubo	-	23	24	23	26	29	33	37	46	-	-
	∅ Prensado   Sertissage   Crimping   Pressatura	-	14	15,8	15,2	17,9	21	24,5	27,7	36,3	-	-
SAE 100 R1AT EN 853 1SN MS2230 / ML2230	Casquillo   Jupe   Ferrule   Boccola	PF2212	PF2212	PF2212	PF2212	PF2212	PF2212	PF2212	PF2212	PF2212	PF2212	PF2212
	∅ Ext. casquillo   Jupe/Ferrule   Boccola	DI2212	DI2212	DI2212	DI221200501	DI2212	DI2212	DI2212	DI2212	DI2212	DI2212	DI2212
	∅ Ext. manguera   Tuyaux   Hose   Tubo	21	23	24	23	26	29	33	37	46	59	67
	∅ Prensado   Sertissage   Crimping   Pressatura	11,5	13,2	15,4	14,7	17,5	20,3	23,9	28,2	36	44	50,3
	Pelado ext.   Denudage ext.   Outside Skive   Pelatura esterna	15,7	17,5	19,2	18,6	20,8	23,1	27,5	31,5	39,5	48,8	57
SAE 100 R2AT EN 853 2SN ML3511 / MS3511	Casquillo   Jupe   Ferrule   Boccola	PF2212	PF2212	PF2212	PF2212	PF2212	PF2212	PF2212	PF2212	PF2212	PF2212	PF2212
	∅ Ext. casquillo   Jupe   Ferrule   Boccola	DI2212	DI2212	DI2212	DI221200501	DI2212	DI2212	DI2212	DI2212	DI2212	DI2212	DI2212
	∅ Ext. manguera   Tuyaux   Hose   Tubo	21	23	24	23	26	29	33	37	46	59	67
	∅ Prensado   Sertissage   Crimping   Pressatura	13,2	14,8	16,6	16,2	18,9	22	25,3	29	37	47,5	54,3
	Pelado ext.   Denudage ext.   Outside Skive   Pelatura esterna	16,2	18,8	19,8	18,8	22	24,2	28,7	32,6	40,5	51,8	60
SAE 100 R1A EN 853 1ST ML2231	Casquillo   Jupe   Ferrule   Boccola	22003	22003	22003	22003	22003	22003	22003	22003	22003	22003	22003
	∅ Ext. casquillo   Jupe   Ferrule   Boccola	18	20	21	24	28	31	35	42	52	58	71
	∅ Prensado   Sertissage   Crimping   Pressatura	15,5	17,8	18,8	21,7	25,2	28,8	32,5	38,8	49	55	66
	Pelado ext.   Denudage ext.   Outside Skive   Pelatura esterna	22,5	22,5	22,5	22,5	26	27	31	39	45	50	58
SAE 100 R2A EN 853 2ST ML3509 / MS3509	Casquillo   Jupe   Ferrule   Boccola	PF1224	PF1224	PF1224	PF1224	PF1224	PF1224	PF1224	PF1224	PF1224	PF1224	PF1224
	∅ Ext. casquillo   Jupe   Ferrule   Boccola	DI1224	DI1224	DI1224	DI1224	DI1224	DI1224	DI1224	DI1224	DI1224	DI1224	DI1224
	∅ Ext. manguera   Tuyaux   Hose   Tubo	21	22	23	26	30	33	38	46	57	65	79
	∅ Prensado   Sertissage   Crimping   Pressatura	18,2	17,6	20	22,5	26,3	29,1	33,8	42,2	51	59	72,3
SAE 100 R9R EN 856 4SP MS4290 / MS4248 ML4290 / ML4248	Casquillo   Jupe   Ferrule   Boccola	-	PF1224	-	PF1224	PF1224	PF1224	PF1224	PF1224	PF1224	PF1224	PF1224
	∅ Ext. casquillo   Jupe   Ferrule   Boccola	-	DI1224	-	DI1224	DI1224	DI1224	DI1224	DI1224	DI1224	DI1224	DI1224
	∅ Ext. manguera   Tuyaux   Hose   Tubo	-	22	-	26	30	33	38	46	57	65	79
	∅ Prensado   Sertissage   Crimping   Pressatura	-	18,8	-	23,4	26,5	29,7	34,4	42,2	51,7	59,7	73
SAE 100 R12 EN 856 R12 M4612	Casquillo   Jupe   Ferrule   Boccola	-	-	-	PF1224	PF1224	PF1224	PF1224	PF1224	PF1224	PF1224	PF1224
	∅ Ext. casquillo   Jupe   Ferrule   Boccola	-	-	-	DI1224	DI1224	DI1224	DI1224	DI1224	DI1224	DI1224	DI1224
	∅ Prensado   Sertissage   Crimping   Pressatura	-	-	-	26	30	33	38	46	57	65	79
	Pelado ext.   Denudage ext.   Outside Skive   Pelatura esterna	-	-	-	23,3	26,7	29,3	34,4	42,2	50,5	59,7	73
Limpieza alcantarillas Tuyau hydrocurage Sewer jetting hose Tubi per la pulizia di fognature ML2250	Casquillo   Jupe   Ferrule   Boccola	-	-	-	-	-	-	Z21200	Z21200	-	-	-
	∅ Ext. casquillo   Jupe   Ferrule   Boccola	-	-	-	-	-	-	42	49	-	-	-
	∅ Ext. manguera   Tuyaux   Hose   Tubo	-	-	-	-	-	-	31,5	39,8	-	-	-
	∅ Ext. manguera   Tuyaux   Hose   Tubo	-	-	-	-	-	-	37,2	45	-	-	-

**NOTA: Las tablas de prensado DICSА son siempre orientativas** | Les tableaux de sertissage DICSА sont toujours à titre indicatif | DICSА's crimping tables are intended as a guide | Le tabelle di pressatura DICSА sono sempre orientative.

**Los diámetros de prensado han sido validados para estos diámetros exteriores de manguera. Por lo tanto, éstos diámetros pueden variar dependiendo de la manguera** | Les diámetros de sertissage ont été vérifiés pour les diámetros de tuyau indiqués. Par conséquent, les diámetros de sertissage peuvent être différents pour d'autres types de tuyau | Crimping diameters have been validated for these outer diameters of the hoses. Therefore, these diameters can change depending on the hose | I diametri di pressatura sono stati testati per questi diametri esterni di tubo. Saranno quindi passibili di variazione con il variare Della natura dei tubi.

# Tabla de prensados para mangueras hidráulicas

Tableau sertissage pour les tuyaux hydrauliques | Crimping table for hydraulic hoses |  
Tabella di pressatura per tubi idraulici

**Tolerancias de prensado** | Tolerance de sertissage | Crimping tolerances | Toleranza di pressatura  
**1/8" - 3/8" : + 0 / - 0,2 | 1/2" - 2" 1/2 : + 0 / - 0,4**

Manguera   Tuyaux Hose   Tubo	DN (mm)	5	6	8	10	12	16	19	25	31	38	51
	Pulgadas   Pouces   Inches   Inch	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	2"
	Galga   Piges   Gauge   size	03	04	05	06	08	10	12	16	20	24	32
EN 856 4SH Conex. interlock <b>ML4569 / MS4569</b>	Casquillo   Jupe   Ferrule   Boccia	-	-	-	-	-	-	A61010	A61010	A61010	A61010	A61010
	Ø Ext. casquillo   Jupe   Ferrule   Boccia							B61010	B61010	B61010	B61010	B61010
	Ø Prensado   Sertissage   Crimping   Pressatura							40	47	56	63	80
	Pelado int.   Denudage int.   Inn. Skive   Pelatura interna							35,5	42	50	57	74
	Pelado ext.   Denudage ext.   Outside Skive   Pelatura esterna							17	18	21	24	26
SAE 100 R13 EN 856 R13 Conex. interlock <b>M4713</b>	Casquillo   Jupe   Ferrule   Boccia	-	-	-	-	-	-	A61010	A61010	A61010	A61010	A61010
	Ø Ext. casquillo   Jupe   Ferrule   Boccia							B61010	B61010	B61010	B61010	B61010
	Ø Ext. manguera   Tuyaux   Hose   Tubo							40	47	61	70	85
	Ø Prensado   Sertissage   Crimping   Pressatura							32,1	38,3	49,7	57,2	70,8
	Pelado int.   Denudage int.   Inn. Skive   Pelatura interna							36	42,5	55	64	79
Pelado ext.   Denudage ext.   Outside Skive   Pelatura esterna							17	18	21	24	26	
SAE 100 R15 EN856 Conex. interlock <b>M4815</b>	Casquillo   Jupe   Ferrule   Boccia	-	-	-	-	-	-	A61010	A61010	A61010	A61010	-
	Ø Ext. casquillo   Jupe   Ferrule   Boccia							B61010	B61010	B61010	B61010	
	Ø Prensado   Sertissage   Crimping   Pressatura							40	47	61	70	
	Pelado int.   Denudage int.   Inn. Skive   Pelatura interna							35,5	42	54,5	64	
	Pelado ext.   Denudage ext.   Outside Skive   Pelatura esterna							17	18	21	24	
Pelado ext.   Denudage ext.   Outside Skive   Pelatura esterna							52	57	64	77		

**NOTA: Las tablas de prensado DICSA son siempre orientativas** | Les tableaux de sertissage DICSA sont toujours à titre indicatif | DICSA's crimping tables are intended as a guide | Le tabbelle di pressatura DICSA sono sempre orientative.

**Los diámetros de prensado han sido validados para estos diámetros exteriores de manguera. Por lo tanto, éstos diámetros pueden variar dependiendo de la manguera** | Les diámetros de sertissage ont été vérifiés pour les diámetros de tuyau indiqués. Par conséquent, les diámetros de sertissage peuvent être différents pour d'autres types de tuyau | Crimping diameters have been validated for these outer diameters of the hoses. Therefore, these diameters can change depending on the hose | I diámetro di pressatura sono stati testati per questi diámetro di tubo. Saranno quindi passibili di variazione con il variare Della natura dei tubi.



# Tabla de prensados para mangueras de PTFE y termoplásticas

Tableau sertissage pour les tuyaux PTFE et thermoplastiques | Crimping table for PTFE and thermoplastic hoses |  
Tabella di pressatura per PTFE e tubi termoplastica

Tolerancias de prensado | Tolerance de sertissage | Crimping tolerances | Toleranza di pressatura  
1/8" - 3/8" : + 0 / - 0,2 | 1/2" - 2" 1/2 : + 0 / - 0,4

Manguera   Tuyau   Hose   Tubo	DN (mm)	3	5	6	8	10	13	16	19	22	25	32	38	50	63
	Pulgadas   Pouces   Inches   Inch	1/8"	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	7/8"	1"	1 1/4"	1 1/2"	2"	2 1/2"
	Galga   Piges   Gauge   size	02	03	04	05	06	08	10	12	14	16	20	24	32	40
PTFE FHL M2900	Casquillo   Jupe   Ferrule   Boccia	-	21040	21040	21040	21040	21040	21040	21040	21040	21040	-	-	-	-
	Ø Ext. casquillo   Jupe   Ferrule   Boccia	-	14	15	17	18	24	28	30	34	36	-	-	-	-
	Ø Prensado   Sertissage   Crimping   Pressatura	-	11,5	13	13,8	15,5	20,5	23,5	27	30,5	34	-	-	-	-
PTFE FHM (2 mallas   tresses   braids   trecce) M29012	Casquillo   Jupe   Ferrule   Boccia	-	-	PF23	PF23	PF23	21040	21040	21040	-	21012	-	-	-	-
	Ø Ext. casquillo   Jupe   Ferrule   Boccia	-	-	DI23	DI23	DI23	-	-	-	-	40	-	-	-	-
	Ø Prensado   Sertissage   Crimping   Pressatura	-	-	13,6	14,6	17,5	20,7	25,2	27	34,5	-	-	-	-	-
PTFE (corrugado   convoluto   convoluted PTFE   corrugato) M2920 (1)	Casquillo   Jupe   Ferrule   Boccia	-	-	21041	21041	21041	21041	21041	21041	21041	21041	21041	21041	21041	21041
	Ø Ext. casquillo   Jupe   Ferrule   Boccia	-	-	16	17	21,5	25	29	34	32	40	48	55	69	80
	Ø Prensado   Sertissage   Crimping   Pressatura	-	-	12,2	14	16,8	20,2	24	26,3	26,7	34	41	48,2	60,2	74
SAE 100 R7 MT070 / MT071	Casquillo   Jupe   Ferrule   Boccia	21012	PF23	PF23	PF23	PF23	PF23	21012	21012	-	21012	-	-	-	-
	Ø Ext. casquillo   Jupe   Ferrule   Boccia	13	14	18	19	22	26	29	31,5	-	40	-	-	-	-
	Ø Prensado   Sertissage   Crimping   Pressatura	8,4	9,6	12,2	14	16	20,2	24,3	27,6	-	33,3	-	-	-	-
SAE 100 R8 MT080 / MT081	Casquillo   Jupe   Ferrule   Boccia	-	PF23	PF23	PF23	PF23	PF23	-	21012	-	21012	-	-	-	-
	Ø Ext. casquillo   Jupe   Ferrule   Boccia	-	DI23	DI23	DI23	DI23	DI23	-	-	-	40	-	-	-	-
	Ø Prensado   Sertissage   Crimping   Pressatura	-	11,3	14,3	15,7	18,3	23	29	-	36,1	-	-	-	-	-
Elastomero malla metálica Élastomère 1 tresse métallique Metallic braid elastomer Maglia metalica per vernici MT09	Casquillo   Jupe   Ferrule   Boccia	-	PF23	PF23	PF23	PF23	PF23	21012	21012	-	21012	-	-	-	-
	Ø Ext. casquillo   Jupe   Ferrule   Boccia	-	DI23	DI23	DI23	DI23	DI23	-	-	-	40	-	-	-	-
	Ø Prensado   Sertissage   Crimping   Pressatura	-	11,3	14,5	15,8	18,5	22	25	28	-	36,5	-	-	-	-
Elastomero malla metálica pintura Élastomère peinture 1 tresse métallique Paint metallic braid elastomer Maglia metalica MT099	Casquillo   Jupe   Ferrule   Boccia	-	PF23	PF23	21012	PF23	PF23	-	21012	-	21012	-	-	-	-
	Ø Ext. casquillo   Jupe   Ferrule   Boccia	-	DI23	DI23	DI23	DI23	DI23	-	-	-	40	-	-	-	-
	Ø Prensado   Sertissage   Crimping   Pressatura	-	11,3	14,5	16,5	18,4	22	27,8	-	36,5	-	-	-	-	-
Elastomero doble malla metálica pintura Élastomère peinture 2 tresses métallique Paint metal. braid double elastomer Doppia maglia metalica per vernici MT299	Casquillo   Jupe   Ferrule   Boccia	-	-	PF1224	PF1224	PF1224	DI1224	-	PF1224	-	PF1224	-	-	-	-
	Ø Ext. casquillo   Jupe   Ferrule   Boccia	-	-	DI1224	DI1224	DI1224	DI1214	-	DI1224	-	DI1224	-	-	-	-
	Ø Prensado   Sertissage   Crimping   Pressatura	-	-	17,3	19	22	26	30,6	-	41	-	-	-	-	-
Manguera altísima presión Tuyau haute pression High pressure hose Tubo altissima pressione MT700	Casquillo   Jupe   Ferrule   Boccia	-	-	71012	-	71012	-	-	-	-	-	-	-	-	-
	Ø Ext. casquillo   Jupe   Ferrule   Boccia	-	-	20	-	26	-	-	-	-	-	-	-	-	-
	Ø Prensado   Sertissage   Crimping   Pressatura	-	-	12,7	-	18,7	-	-	-	-	-	-	-	-	-
Manguera Minimax 2 x 5 mm Tuyau Minimax 2 x 5 mm Minimax hose 2 x 5 mm Tubo Minimax 2 x 5 mm MT01002	Casquillo   Jupe   Ferrule   Boccia	555010100	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ø Ext. casquillo   Jupe   Ferrule   Boccia	8	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ø Prensado   Sertissage   Crimping   Pressatura	7	-	-	-	-	-	-	-	-	-	-	-	-	-
Ecology 200 MEC200...	Casquillo   Jupe   Ferrule   Boccia	-	-	-	-	-	-	-	Z21200	-	Z21200	-	-	-	-
	Ø Ext. casquillo   Jupe   Ferrule   Boccia	-	-	-	-	-	-	-	31,2	-	39	-	-	-	-
	Ø Prensado   Sertissage   Crimping   Pressatura	-	-	-	-	-	-	-	35,9	-	43,5	-	-	-	-

NOTA: Las tablas de prensado DICSА son siempre orientativas | Les tableaux de sertissage DICSА sont toujours à titre indicatif | DICSА's crimping tables are intended as a guide | Le tabelle di pressatura DICSА sono sempre orientative.

(1) Los diámetros de prensado de las mangueras de PTFE coarrugado, se corresponden con los ensayados para mangueras de nuestro proveedor. Por lo tanto estos diámetros pueden variar dependiendo de la manguera. Se recomienda que en diámetros de prensado de 1" 1/4, 1" 1/2 y 2" se comprueben todos los montajes que se realicen | Les diamètres de sertissage du PTFE convoluto sont suite aux diamètres de sertissage des tuyaux de notre fournisseur. C'est pourquoi, ces diamètres peuvent changer selon le tuyau. Pour diamètres de sertissage de 1" 1/4, 1" 1/2 et 2", on recommande de vérifier tous les montages | Crimping diameters of convoluted PTFE are according to the tests of crimping diameters for hoses of our supplier. Therefore, these diameters can change depending on the hose. For crimping diameters 1" 1/4, 1" 1/2 and 2", it is recommended to check all the assemblies | I diametri di pressatura relativi al tubo PTFE corrugato, sono stati ottenuti e testati sui tubi del nostro programma di vendita. Questi diametri potranno quindi cambiare, al cambiare della loro origine. Nei diametri 1" 1/4, 1" 1/2 e 2" è consigliato il controllo della pressatura di ogni singolo tubo assemblato.

(2) Los diámetros de prensado han sido validados para estos diámetros exteriores de manguera. Por lo tanto, éstos diámetros pueden variar dependiendo de la manguera | Les diamètres de sertissage ont été vérifiés pour les diamètres de tuyau indiqués. Par conséquent, les diamètres de sertissage peuvent être différents pour d'autres types de tuyau | Crimping diameters have been validated for these outer diameters of the hoses. Therefore, these diameters can change depending on the hose | I diametri di pressatura sono stati testati per questi diametri esterni di tubo. Saranno quindi passibili di variazione con il variare Della natura dei tubi.

# Manguera Inox, Racores y Bridas soldables

Tuyau Inox, raccords et brides à souder

Stainless steel hose, welding fittings and forged flanges

Tubi Inox, raccordi e flange a saldare



# 3

Manguera Inox, Racores y Bidas soldables

Tuyau Inox, raccords et brides à souder | Stainless steel hose, welding fittings and forged flanges  
| Tubi Inox, raccordi e flange a saldare

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## Manguera Inox, Racores y Bridas soldables

Tuyau Inox, raccords et brides à souder | Stainless steel hose, welding fittings and forged flanges | Tubi Inox, raccordi e flange a saldare

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

### ▶ Mangueras Inox corrugado | Tuyaux inox onduleux | Convoluted stainless steel hoses | Tubi Inox corrugato

87



M93211

M93212

M93161

M304

### ▶ Racores soldables BSP | Raccords à souder BSP | BSP Welding fittings | Raccordi a saldare BSP

88



81070

A1033

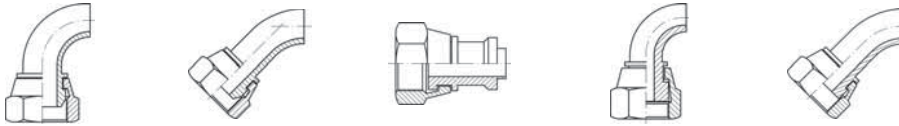
A1032

A1035

A1290

A1034

A1281



A1037

A1038

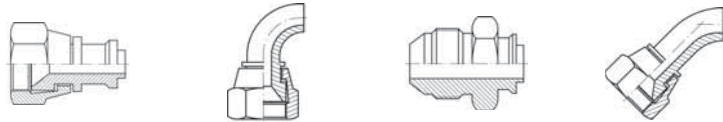
A1282

A1039

A1040

### ▶ Racores soldables JIC 37° | Raccords à souder JIC 37° | JIC 37° Welding fittings | Raccordi a saldare JIC 37°

90



A1283

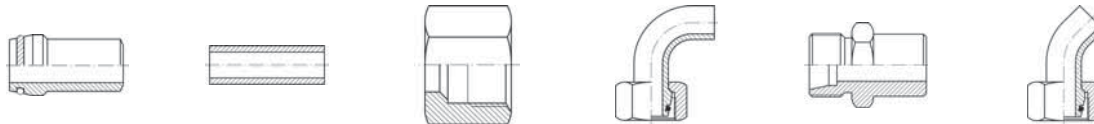
A1041

A1036

A1042

### ▶ Racor soldable métrica | Raccords à souder métriques | Metric Welding fittings | Raccordi a saldare metrici

90



B ORIS

KL00

B ML/MS

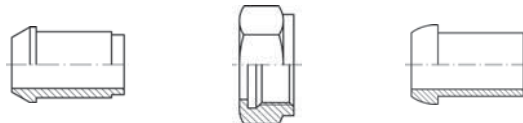
A1052

B STA ASL/ASS

A1053

### ▶ Cono y tuerca | Collet et écrou | Nipple and nut | Ogiva y dado

92



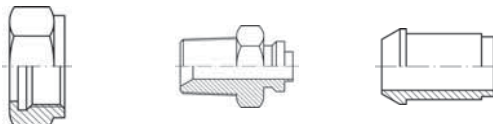
A1278

A1270

A1273

### ▶ Racores para soldar >2" | Raccords à souder >2" | Welding fittings >2" | Raccordi a saldare > 2"

92



Z1270

ZM1032

Z1278

► **Bridas fijas para soldar** | Brides DIN à souder fixes | Fixed Forged flanges | Flangia a saldare

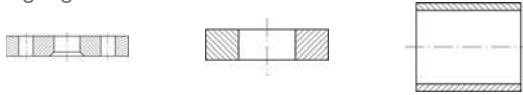
93



**BPN162633**      **BANSAWN150**      **BPN402635**      **BANSAWN300**

► **Conjunto brida giratoria DIN 2642** | Ensemble brides tournantes DIN 2642 | DIN 2642 swivel flanges set | Flangia girevole DIN 2642

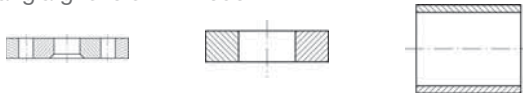
94



**BPN102642**      **ABARO2642**      **ABTUB**

► **Conjunto brida giratoria DIN 2656** | Ensemble brides tournantes DIN 2656 | DIN 2656 swivel flanges set | Flangia girevole DIN 2656

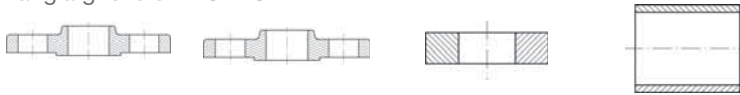
95



**BPN402656**      **ABARO2656**      **ABTUB**

► **Conjunto brida giratoria ANSI-ASA** | Ensemble brides tournantes ANSI-ASA | ANSI-ASA swivel flanges set | Flangia girevole ANSI-ASA

96



**BANSASO150**      **BANSASO300**      **ABAROANSA**      **ABTUB**

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles



## Manguera Inox, Racores y Bridas soldables

Tuyau Inox, raccords et brides à souder  
Stainless steel hose, welding fittings and forged flanges  
Tubi Inox, raccordi e flange a saldare

### Inox corrugado AISI 321 con una malla AISI 304



Inox onduleux AISI 321 avec une tresse inox AISI 304  
Convuluted S.S. AISI 321 hose with one braid S.S. AISI 304  
Tubo in Inox corrugato 321 con una maglia AISI 304

DN	Ø in	REFERENCIA PART N°	€
1/4"	6,2	M93211006	
3/8"	10,3	M93211010	
1/2"	12,2	M93211012	
5/8"	16,2	M93211016	
3/4"	20,2	M93211020	
1"	25,4	M93211025	
1" 1/4	34,3	M93211032	
1" 1/2	40,1	M93211040	
2"	50,3	M93211050	
2" 1/2	65,6	M93211065	
3"	80,3	M93211080	
4"	100,8	M93211100	

### Inox corrugado AISI 321 con dos mallas AISI 304



Inox onduleux AISI 321 avec deux tresses inox AISI 304  
Convuluted S.S. AISI 321 hose with two braids S.S. AISI 304  
Tubo in Inox corrugato 321 con due maglie AISI 304

DN	Ø in	REFERENCIA PART N°	€
1/4"	6,2	M93212006	
3/8"	10,3	M93212010	
1/2"	12,2	M93212012	
3/4"	20,2	M93212020	
1"	25,4	M93212025	
1" 1/4	34,3	M93212032	
1" 1/2	40,1	M93212040	
2"	50,3	M93212050	
2" 1/2	65,6	M93212065	
3"	80,3	M93212080	
4"	100,8	M93212100	

### Inox corrugado AISI 316 con una malla AISI 316



Inox onduleux AISI 316 avec une tresse inox AISI 316  
Convuluted S.S. AISI 316 hose with one braid S.S. AISI 316  
Tubo in Inox corrugato 316 con una maglia AISI 316

DN	Ø in	REFERENCIA PART N°	€
1/4"	6,2	M93161006	
3/8"	10,3	M93161010	
1/2"	12,2	M93161012	
3/4"	20,2	M93161020	
1"	25,4	M93161025	
1" 1/4	34,3	M93161032	
1" 1/2	40,1	M93161040	
2"	50,3	M93161050	
2" 1/2	65,6	M93161065	
3"	80,3	M93161080	
4"	100,8	M93161100	

### Malla inox 304



Tresse inox 304  
AISI 304 braid  
Maglia di acciaio Inox 304

Ø in	REFERENCIA PART N°	€
9,6	M304009.6	
12,3	M304012.3	
14,3	M304014.3	
16,7	M304016.7	
21,6	M304021.6	
26,8	M304026.8	
32,2	M304032.2	
41,1	M304041.1	
49,8	M304049.8	
80,8	M304080.8	
60,3	M304060.3	

## Manguera Inox, Racores y Bridas soldables

Tuyau Inox, raccords et brides à souder  
Stainless steel hose, welding fittings and forged flanges  
Tubi Inox, raccordi e flange a saldare

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

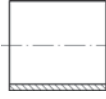
Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

### Casquillo soldable Inox corrugado



Jupe à souder Inox convoluté  
Convuluted SS welding ferrule  
Boccola a saldare per inox corrugato

DN	Ø in	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"	38	810701600	
1 1/4"	47,8	810702000	
1 1/4"	44,3	810702001	
1 1/2"	56,1	810702400	
2"	70	810703200	
2"	66	810703201	
2 1/2"	84,8	810704000	
2 1/2"	95,6	810704001	
3"	108,2	810704800	
3"	100	810704801	
4"	125	810706400	

Acero inoxidable AISI 316//Acier inoxydable AISI 316//Stainless steel AISI 316//  
Acciaio inossidabile AISI 316

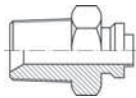
### Macho fijo BSP asiento plano - soldable con guía



Mâle fixe BSP fond plat à souder avec guide  
Fixed male BSP flat seat weldable with guide  
Maschio BSP faccia piana, a saldare con guida

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	A103304	
3/8"	3/8" BSP	A103306	
1/2"	1/2" BSP	A103308	
3/4"	3/4" BSP	A103312	
1"	1" BSP	A103316	
1 1/4"	1 1/4" BSP	A103320	
1 1/2"	1 1/2" BSP	A103324	
2"	2" BSP	A103332	

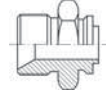
### Macho cónico BSPT con guía



Mamelon hexagonal BSPT conique à souder (bw) + guide  
Welding adaptor BSPT with guide  
Maschio conico BSPT con guida

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSPT	A103204	
3/8"	3/8" BSPT	A103206	
1/2"	1/2" BSPT	A103208	
3/4"	3/4" BSPT	A103212	
1"	1" BSPT	A103216	
1 1/4"	1 1/4" BSPT	A103220	
1 1/2"	1 1/2" BSPT	A103224	
2"	2" BSPT	A103232	
2 1/2"	2 1/2" BSPT	A103240	

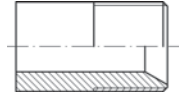
### Macho BSP cono 60° con guía



Mamelon hexagonal BSP à souder (bw) + guide  
Welding adaptor BSP 60° with guide  
Maschio BSP a saldare sede 60° con guida

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	A103504	
3/8"	3/8" BSP	A103506	
1/2"	1/2" BSP	A103508	
3/4"	3/4" BSP	A103512	
1"	1" BSP	A103516	
1 1/4"	1 1/4" BSP	A103520	
1 1/2"	1 1/2" BSP	A103524	
2"	2" BSP	A103532	

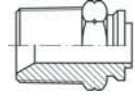
### Empalme liso soldable rosca BSP (60°)



Embout mâle lisse à souder gaz cyl BSP (60°)  
Welding union BSP male (60°)  
Mezzo nipples tondo a saldare BSP 60°

ROSCA THREAD	REFERENCIA PART N°	€
1/8" BSP	A129002	
1/4" BSP	A129004	
3/8" BSP	A129006	
1/2" BSP	A129008	
3/4" BSP	A129012	
1" BSP	A129016	
1 1/4" BSP	A129020	
1 1/2" BSP	A129024	
2" BSP	A129032	

### Macho fijo NPT - soldable con guía



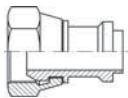
Mâle fixe NPT à souder avec guide  
Fixed male NPT weldable with guide  
Maschio NPT, a saldare con guida

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" NPT	A103404	
3/8"	3/8" NPT	A103406	
1/2"	1/2" NPT	A103408	
1/2"	3/4" NPT	A103412	
1"	1" NPT	A103416	
1 1/4"	1 1/4" NPT	A103420	
1 1/2"	1 1/2" NPT	A103424	
2"	2" NPT	A103432	

## Manguera Inox, Racores y Bridas soldables

Tuyau Inox, raccords et brides à souder  
Stainless steel hose, welding fittings and forged flanges  
Tubi Inox, raccordi e flange a saldare

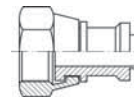
### Hembras giratorias prensada BSP 60° - soldable con guía



Embout à sertir femelle tournante BSP 60° à souder avec guide  
Crimped BSP swivel female 60° weldable with guide  
Femmina diritta girevole BSP, a saldare con guida

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	A128104	
3/8"	3/8" BSP	A128106	
1/2"	1/2" BSP	A128108	
3/4"	3/4" BSP	A128112	
1"	1" BSP	A128116	
1" 1/4	1" 1/4 BSP	A128120	
1" 1/2	1" 1/2 BSP	A128124	

### Hembras giratorias prensada BSP asiento plano - soldable con guía



Embout à sertir femelle tournante BSP à souder fond plat  
Crimped BSP swivel female flat seat weldable  
Femm. gir. BSP faccia piana, a saldare con guida

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	A128204	
3/8"	3/8" BSP	A128206	
1/2"	1/2" BSP	A128208	
3/4"	3/4" BSP	A128212	
1"	1" BSP	A128216	
1" 1/4	1" 1/4 BSP	A128220	
1" 1/2	1" 1/2 BSP	A128224	
2"	2" BSP	A128232	

### Hembras giratorias prensada 90° BSP 60° - soldable



Embout à sertir coude 90° femelle tournante BSP 60° à souder  
Crimped 90° BSP swivel female 60° weldable  
Femmina 90° girevole BSP, a saldare con guida

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	A103704	
3/8"	3/8" BSP	A103706	
1/2"	1/2" BSP	A103708	
3/4"	3/4" BSP	A103712	
1"	1" BSP	A103716	
1" 1/4	1" 1/4 BSP	A103720	
1" 1/2	1" 1/2 BSP	A103724	
2"	2" BSP	A103732	

### Hembras giratorias prensada 90° BSP asiento plano - soldable



Embout à sertir 90° femelle tournante BSP 60° à souder fond plat  
Crimped 90° BSP swivel female 60° flat seat weldable  
Femm. 90° gir. BSP faccia piana, a saldare con guida

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	A103904	
3/8"	3/8" BSP	A103906	
1/2"	1/2" BSP	A103908	
3/4"	3/4" BSP	A103912	
1"	1" BSP	A103916	
1" 1/4	1" 1/4 BSP	A103920	
1" 1/2	1" 1/2 BSP	A103924	
2"	2" BSP	A103932	

### Hembras giratorias prensada 45° BSP 60° - soldable



Embout à sertir 45° femelle tournante BSP 60° à souder  
Crimped 45° BSP swivel female 60° weldable  
Femmina 45° girevole BSP, a saldare con guida

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	A103804	
3/8"	3/8" BSP	A103806	
1/2"	1/2" BSP	A103808	
3/4"	3/4" BSP	A103812	
1"	1" BSP	A103816	
1" 1/4	1" 1/4 BSP	A103820	
1" 1/2	1" 1/2 BSP	A103824	
2"	2" BSP	A103832	

### Hembras giratorias prensada 45° BSP asiento plano - soldable



Embout à sertir 45° femelle tournante BSP 60° à souder fond plat  
Crimped 45° BSP swivel female 60° flat seat weldable  
Femm. 45° gir. BSP faccia piana, a saldare con guida

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	A104004	
3/8"	3/8" BSP	A104006	
1/2"	1/2" BSP	A104008	
3/4"	3/4" BSP	A104012	
1"	1" BSP	A104016	
1" 1/4	1" 1/4 BSP	A104020	
1" 1/2	1" 1/2 BSP	A104024	
2"	2" BSP	A104032	

## Manguera Inox, Racores y Bridas soldables

Tuyau Inox, raccords et brides à souder  
Stainless steel hose, welding fittings and forged flanges  
Tubi Inox, raccordi e flange a saldare

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

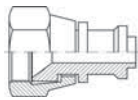
Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

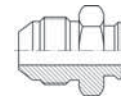
### Hembra giratoria prensada JIC 37° - soldable con guía



Embout à sertir femelle tournante JIC37° à souder  
Crimped JIC 37° swivel female weldable  
Femmina girevole JIC 37°, a saldare

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	7/16 20h UNF	A12830704	
1/4"	1/2" 20h UNF	A12830804	
3/8"	9/16" 18h UNF	A12830906	
3/8"	3/4" 16h UNF	A12831206	
1/2"	3/4" 16h UNF	A12831208	
1/2"	7/8" 14h UNF	A12831408	
3/4"	1" 1/16 12h UNF	A12831712	
1"	1" 5/16 12h UNF	A12832116	
1" 1/4	1" 5/8 12h UNF	A12832620	
1" 1/2	1" 7/8 12h UNF	A12833024	

### Macho JIC 37° - soldable con guía



Mâle JIC 37° soldable avec guide  
Weldable JIC 37° male with guide  
Maschio JIC 37° a saldare con guida

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	7/16" 20h JIC	A10360704	
1/4"	1/2" 20h JIC	A10360804	
3/8"	9/16" 18h JIC	A10360906	
3/8"	3/4" 16h JIC	A10361206	
1/2"	3/4" 16h JIC	A10361208	
1/2"	7/8" 14h JIC	A10361408	
5/8"	7/8" 14h JIC	A10361410	
3/4"	1" 1/16 12h JIC	A10361712	
1"	1" 5/16 12h JIC	A10362116	
1" 1/4	1" 5/8 12h JIC	A10362620	
1" 1/4	1" 7/8 12h JIC	A10363020	

### Hembra giratoria 90° prensada JIC 37° - soldable



Embout à sertir femelle tournante 90° JIC37° à souder  
Crimped 90° JIC 37° swivel female weldable  
Femmina 90° girevole JIC 37°, a saldare

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	7/16" 20h UNF	A10410704	
1/4"	1/2" 20h UNF	A10410804	
3/8"	9/16" 18h UNF	A10410906	
1/2"	3/4" 16h UNF	A10411208	
1/2"	7/8" 14h UNF	A10411408	
3/4"	1" 1/16 12h UNF	A10411712	
1"	1" 5/16 12h UNF	A10412116	
1" 1/4	1" 5/8 12h UNF	A10412620	
1" 1/2	1" 7/8 12h UNF	A10413024	

### Hembra giratoria 45° prensada JIC 37° - soldable



Embout à sertir femelle tournante 45° JIC 37° à souder  
Crimped 45° JIC 37° swivel female weldable  
Femmina 45° girevole JIC 37°, a saldare

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	7/16" 20h JIC	A10420704	
1/4"	1/2" 20h UNF	A10420804	
3/8"	9/16" 18h UNF	A10420906	
1/2"	3/4" 16h UNF	A10421208	
1/2"	7/8" 14h UNF	A10421408	
3/4"	1" 1/16 12h UNF	A10421712	
1"	1" 5/16 12h UNF	A10422116	
1" 1/4	1" 5/8 12h UNF	A10422620	
1" 1/2	1" 7/8 12h UNF	A10423024	

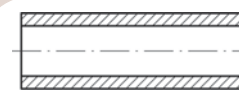
### Boquilla para soldar



Collet cône Métrique (DIN 2353) à souder (BW) o'ring  
Welding nipple  
Ogiva a saldare

TUBO PIPE	SERIE	REFERENCIA PART N°	€
8	S	B ORIS 8X1.5	
10	S	B ORIS 10X2	
12	S	B ORIS 12X2.5	
16	S	B ORIS 16X3	
20	S	B ORIS 20X4	
25	S	B ORIS 25X4	
30	S	B ORIS 30X5	
38	S	B ORIS 38X5	

### Espiga lisa métrica recta



Embout lisse métrique droit  
Metric standpipe  
Estremità tubolare diritta Metrica

Ø ext Ø outer	Ø in	REFERENCIA PART N°	€
6	4	KL0006	
8	4	KL0008	
10	6	KL0010	
12	8	KL0012	
14	10	KL0014	
15	11	KL0015	
16	11	KL0016	
18	14	KL0018	
20	12	KL0020	
22	18	KL0022	



## Manguera Inox, Racores y Bridas soldables

Tuyau Inox, raccords et brides à souder  
Stainless steel hose, welding fittings and forged flanges  
Tubi Inox, raccordi e flange a saldare

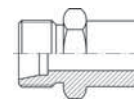
### Tuerca Métrica DIN 3870



Écrou Métrique DIN 3870  
Nuts DIN 3870  
Dadi Metrici DIN 3870

TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
6	L	M12X1,5	<b>B ML 6</b>	
8	L	M14X1,5	<b>B ML 8</b>	
10	L	M16X1,5	<b>B ML 10</b>	
12	L	M18x1,5	<b>B ML 12</b>	
15	L	M22X1,5	<b>B ML 15</b>	
18	L	M26X1,5	<b>B ML 18</b>	
22	L	M30X2	<b>B ML 22</b>	
28	L	M36X2	<b>B ML 28</b>	
35	L	M45X2	<b>B ML 35</b>	
42	L	M52X2	<b>B ML 42</b>	
6	S	M14X1,5	<b>B MS 6</b>	
8	S	M16X1,5	<b>B MS 8</b>	
10	S	M18X1,5	<b>B MS 10</b>	
12	S	M20X1,5	<b>B MS 12</b>	
14	S	M22X1,5	<b>B MS 14</b>	
16	S	M24X1,5	<b>B MS 16</b>	
20	S	M30X2	<b>B MS 20</b>	
25	S	M36x2	<b>B MS 25</b>	
30	S	M42X2	<b>B MS 30</b>	
38	S	M52X2	<b>B MS 38</b>	

### Racor recto para soldar



Raccord droit à souder  
Weldable straight coupling  
Raccordo diritto a saldare

TUBO PIPE	SERIE	REFERENCIA PART N°	€
6	L	<b>B STA ASL 6</b>	
8	L	<b>B STA ASL 8</b>	
10	L	<b>B STA ASL 10</b>	
12	L	<b>B STA ASL 12</b>	
15	L	<b>B STA ASL 15</b>	
18	L	<b>B STA ASL 18</b>	
22	L	<b>B STA ASL 22</b>	
28	L	<b>B STA ASL 28</b>	
35	L	<b>B STA ASL 35</b>	
42	L	<b>B STA ASL 42</b>	
14	S	<b>B STA ASS 14</b>	
16	S	<b>B STA ASS 16</b>	
20	S	<b>B STA ASS 20</b>	
25	S	<b>B STA ASS 25</b>	
30	S	<b>B STA ASS 30</b>	
38	S	<b>B STA ASS 38</b>	

### Hembra giratoria 90 pasada métrica - soldable



Femelle tournante 90° métrique à souder  
Metric weldable swivel female 90°  
Femmina girevole 90° metrica a saldare

TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
6	L	12X1,5	<b>A10521206</b>	
8	L	14X1,5	<b>A10521408</b>	
10	L	16X1,5	<b>A10521610</b>	
12	L	18X1,5	<b>A10521812</b>	
15	L	22X1,5	<b>A10522215</b>	
18	L	26X1,5	<b>A10522618</b>	
22	L	30X2	<b>A10523022</b>	
28	L	36X2	<b>A10523628</b>	
35	L	45X2	<b>A10524535</b>	
42	L	52X2	<b>A10525242</b>	
6	S	14X1,5	<b>A10521406</b>	
8	S	16X1,5	<b>A10521608</b>	
10	S	18X1,5	<b>A10521810</b>	
12	S	20X1,5	<b>A10522012</b>	
14	S	22X1,5	<b>A10522214</b>	
16	S	24X1,5	<b>A10522416</b>	
20	S	30X2	<b>A10523020</b>	
25	S	36X2	<b>A10523625</b>	
30	S	42X2	<b>A10524230</b>	
38	S	52X2	<b>A10525238</b>	

### Hembra giratoria 45 pasada métrica - soldable



Femelle tournante 45° métrique à souder  
Metric weldable swivel female 45°  
Femmina girevole 45° metrica a saldare

TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
6	L	12X1,5	<b>A10531206</b>	
8	L	14x1,5	<b>A10531408</b>	
10	L	16X1,5	<b>A10531610</b>	
12	L	18X1,5	<b>A10531812</b>	
15	L	22X1,5	<b>A10532215</b>	
18	L	26X1,5	<b>A10532618</b>	
22	L	30X2	<b>A10533022</b>	
28	L	36X2	<b>A10533628</b>	
35	L	45X2	<b>A10534535</b>	
42	L	52X2	<b>A10535242</b>	
6	S	14x1,5	<b>A10531406</b>	
8	S	16X1,5	<b>A10531608</b>	
10	S	18X1,5	<b>A10531810</b>	
12	S	20X1,5	<b>A10532012</b>	
14	S	22X1,5	<b>A10532214</b>	
16	s	24x1,5	<b>A10532416</b>	
20	S	30X2	<b>A10533020</b>	
25	S	36X2	<b>A10533625</b>	
30	S	42X2	<b>A10534230</b>	
38	S	52X2	<b>A10535238</b>	

## Manguera Inox, Racores y Bridas soldables

Tuyau Inox, raccords et brides à souder  
Stainless steel hose, welding fittings and forged flanges  
Tubi Inox, raccordi e flange a saldare

Hoses

Flexible hose fittings

Stainless steel hoses  
and fittings

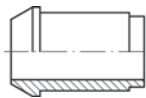
Low pressure

Air conditioned hoses  
and fittings

Measuring flow

Machines for  
mounting flexibles

### Cono ajuste 60° con guía



Collet cône 60° à souder (bw) + guide  
Welding nipple 60° cone for BSP nut with guide  
Nipplo a saldare sede 60° per dado BSP con guida

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	A127804	
3/8"	3/8" BSP	A127806	
1/2"	1/2" BSP	A127808	
3/4"	3/4" BSP	A127812	
1"	1" BSP	A127816	
1"1/4	1"1/4 BSP	A127820	
1"1/2	1"1/2 BSP	A127824	
2"	2" BSP	A127832	
2"1/2	2"1/2 BSP	A127840	

Hasta fin de existencias.//Jusqu'à fin du stock.//Until end of stock.//Fino ad esaurimento scorta.

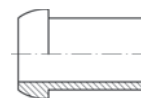
### Tuerca para cono ajuste 60° BSP



Écrou BSP pour collet à souder bw (60°)  
BSP nut for welding nipple 60° cone  
Dado BSP per nipplo a saldare 60°

ROSCA THREAD	REFERENCIA PART N°	€
1/4" BSP	A127004	
3/8" BSP	A127006	
1/2" BSP	A127008	
3/4" BSP	A127012	
1" BSP	A127016	
1"1/4 BSP	A127020	
1"1/2 BSP	A127024	
2" BSP	A127032	

### Cono ajuste sin guía



Collet à souder sans guide  
Welding nipple without guide  
Ogiva a saldare BSP

DN	ROSCA THREAD	REFERENCIA PART N°	€
1/4"	1/4" BSP	A127304	
3/8"	3/8" BSP	A127306	
1/2"	1/2" BSP	A127308	
3/4"	3/4" BSP	A127312	
1"	1" BSP	A127316	
1"1/4	1"1/4 BSP	A127320	
1"1/2	1"1/2 BSP	A127324	
2"	2" BSP	A127332	

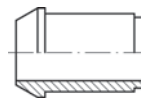
### Tuercas BSP Microfundido AISI-316 > 2"



Écrous BSP en acier moulé AISI-316  
Micro-casting BSP nuts AISI-316  
Dadi BSP microfusi AISI-316

ROSCA THREAD	REFERENCIA PART N°	€
2"1/2 BSP	Z127040	
3" BSP	Z127048	
4" BSP	Z127064	

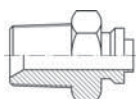
### Cono ajuste BSP 60° con guía > 2"



Collet à souder BSP cone 60° avec guide  
Welding nipple with 60° cone for BSP nut with guide  
Ogiva a saldare cono 60° con guida per dado BSP

DN	ROSCA THREAD	REFERENCIA PART N°	€
2"1/2	2"1/2 BSP	Z127840	
3"	3" BSP	Z127848	
4"	4" BSP	Z127864	

### Macho BSPT soldar microfundido AISI-316



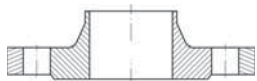
Mâle BSPT à souder en acier moulé AISI-316  
Micro-casting BSPT welding male AISI-316  
Maschio BSPT a saldare microfuso AISI-316

DN	ROSCA THREAD	REFERENCIA PART N°	€
2"1/2	2"1/2 BSPT	ZM103240	
3"	3" BSPT	ZM103248	
4"	4" BSPT	ZM103264	

## Manguera Inox, Racores y Bridas soldables

Tuyau Inox, raccords et brides à souder  
Stainless steel hose, welding fittings and forged flanges  
Tubi Inox, raccordi e flange a saldare

### Brida fija DIN 2633 PN 10/16



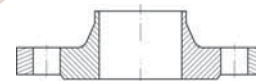
Bride fixe avec collerette DIN 2633 PN 10/16 à souder

Fixed forged flange DIN 2633 PN 10/16

Flangia fissa a saldare DIN 2633 PN 10/16

DN	REFERENCIA PART N°	€
3/8"	BPN16263306	
1/2"	BPN16263308	
3/4"	BPN16263312	
1"	BPN16263316	
1"1/4	BPN16263320	
1"1/2	BPN16263324	
2"	BPN16263332	
2"1/2	BPN16263340	
3"	BPN16263348	
4"	BPN16263364	

### Brida fija DIN 2635 PN 40



Bride fixe avec collerette DIN 2635 PN 40 à souder

Fixed forged flange DIN 2635 PN 40

Flangia fissa a saldare DIN 2635 PN 40

DN	REFERENCIA PART N°	€
3/8"	BPN40263506	
1/2"	BPN40263508	
3/4"	BPN40263512	
1"	BPN40263516	
1"1/4	BPN40263520	
1"1/2	BPN40263524	
2"	BPN40263532	
2"1/2	BPN40263540	
3"	BPN40263548	
4"	BPN40263564	

### Brida ANSI-ASA Neck 150 LBS



Bride ANSI-ASA w. Neck 150 LBS

Flange ANSI-ASA w. Neck 150 LBS

Flangia ANSI-ASA 150 LBS

DN	REFERENCIA PART N°	€
1/2"	BANSAWN15008	
3/4"	BANSAWN15012	
1"	BANSAWN15016	
1"1/4	BANSAWN15020	
1"1/2	BANSAWN15024	
2"	BANSAWN15032	
2"1/2	BANSAWN15040	
3"	BANSAWN15048	
4"	BANSAWN15064	

### Brida ANSI-ASA Neck 300 LBS



Bride ANSI-ASA w. Neck 300 LBS

Flange ANSI-ASA w. Neck 300 LBS

Flangia ANSI-ASA Neck 300 LBS

DN	REFERENCIA PART N°	€
1/2"	BANSAWN30008	
3/4"	BANSAWN30012	
1"	BANSAWN30016	
1"1/4	BANSAWN30020	
1"1/2	BANSAWN30024	
2"	BANSAWN30032	
2"1/2	BANSAWN30040	
3"	BANSAWN30048	
4"	BANSAWN30064	

## Manguera Inox, Racores y Bridas soldables

Tuyau Inox, raccords et brides à souder  
Stainless steel hose, welding fittings and forged flanges  
Tubi Inox, raccordi e flange a saldare

Hoses

Flexible hose fittings

Stainless steel hoses  
and fittings

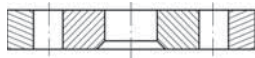
Low pressure

Air conditioned hoses  
and fittings

Measuring flow

Machines for  
mounting flexibles

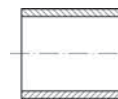
### Brida loca DIN 2642 PN 10/16



Bride plate tournante DIN 2642 PN 10/16 à souder  
Swivel forged flange DIN 2642 PN 10/16  
Flangia girevole a saldare DIN 2642 PN 10/16

DN	REFERENCIA PART N°	€
3/8"	BPN10264206	
1/2"	BPN10264208	
3/4"	BPN10264212	
1"	BPN10264216	
1"1/4	BPN10264220	
1"1/2	BPN10264224	
2"	BPN10264232	
2"1/2	BPN10264240	
3"	BPN10264248	
4"	BPN10264264	

### Tubo soldar brida ANSI-DIN



Tube à souder brides ANSI-DIN  
Tube for welding flanges ANSI-DIN  
Tubo per flangia a saldare ANSI-DIN

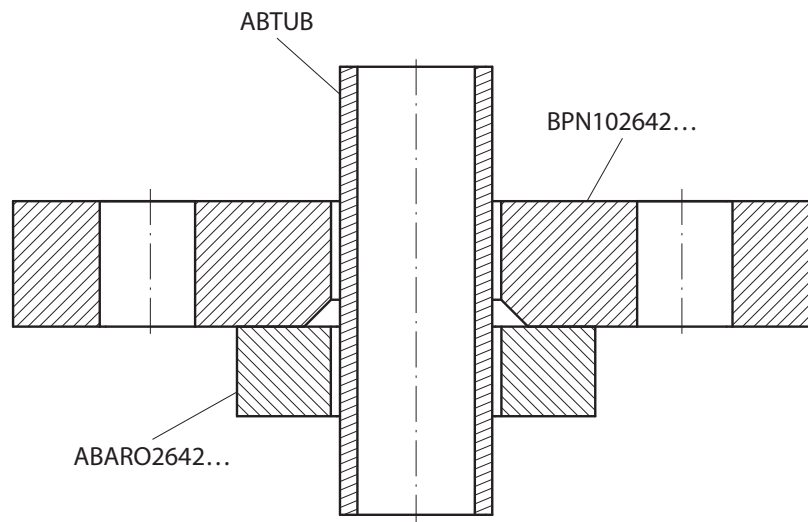
DN	REFERENCIA PART N°	€
3/8"	ABTUB006	
1/2"	ABTUB008	
3/4"	ABTUB012	
1"	ABTUB016	
1"1/4	ABTUB020	
1"1/2	ABTUB024	
2"	ABTUB032	
2"1/2	ABTUB040	
3"	ABTUB048	
4"	ABTUB064	

### Aro para brida DIN 2642



Collet épais pour bride DIN 2642  
Ring for flange DIN 2642  
Anello per flangia DIN 2642

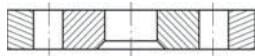
DN	REFERENCIA PART N°	€
3/8"	ABARO264206	
1/2"	ABARO264208	
3/4"	ABARO264212	
1"	ABARO264216	
1"1/4	ABARO264220	
1"1/2	ABARO264224	
2"	ABARO264232	
2"1/2	ABARO264240	
3"	ABARO264248	
4"	ABARO264264	



## Manguera Inox, Racores y Bridas soldables

Tuyau Inox, raccords et brides à souder  
Stainless steel hose, welding fittings and forged flanges  
Tubi Inox, raccordi e flange a saldare

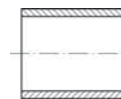
### Brida loca DIN 2656 PN 40



Bride plate tournante DIN 2656 PN 40 à souder  
Swivel forged flange DIN 2656 PN 40  
Flangia girevole a saldare DIN 2656 PN 40

DN	REFERENCIA PART N°	€
3/8"	BPN40265606	
1/2"	BPN40265608	
3/4"	BPN40265612	
1"	BPN40265616	
1"1/4	BPN40265620	
1"1/2	BPN40265624	
2"	BPN40265632	
2"1/2	BPN40265640	
3"	BPN40265648	
4"	BPN40265664	

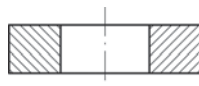
### Tubo soldar brida ANSI-DIN



Tube à souder brides ANSI-DIN  
Tube for welding flanges ANSI-DIN  
Tubo per flangia a saldare ANSI-DIN

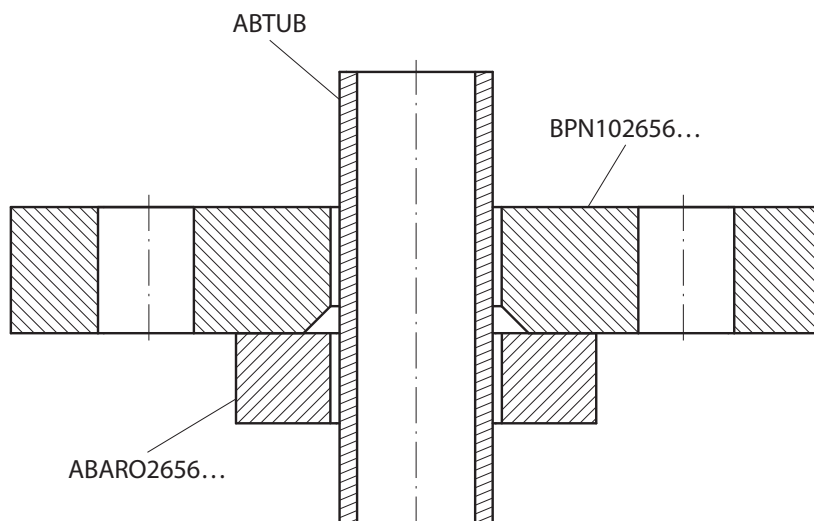
DN	REFERENCIA PART N°	€
3/8"	ABTUB006	
1/2"	ABTUB008	
3/4"	ABTUB012	
1"	ABTUB016	
1"1/4	ABTUB020	
1"1/2	ABTUB024	
2"	ABTUB032	
2"1/2	ABTUB040	
3"	ABTUB048	
4"	ABTUB064	

### Aro para brida DIN 2656



Collet épais pour bride DIN 2656  
Ring for flange DIN 2656  
Anello per flangia DIN 2656

DN	REFERENCIA PART N°	€
3/8"	ABARO265606	
1/2"	ABARO265608	
3/4"	ABARO265612	
1"	ABARO265616	
1"1/4	ABARO265620	
1"1/2	ABARO265624	
2"	ABARO265632	
2"1/2	ABARO265640	
3"	ABARO265648	



## Manguera Inox, Racores y Bridas soldables

Tuyau Inox, raccords et brides à souder  
Stainless steel hose, welding fittings and forged flanges  
Tubi Inox, raccordi e flange a saldare

Hoses

Flexible hose fittings

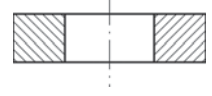
### Brida giratoria ANSI-ASA 150 LBS



Bride tournante ANSI-ASA 150 LBS  
Swivel flange ANSI-ASA 150 LBS  
Flangia girevole ANSI-ASA 150 LBS

DN	REFERENCIA PART N°	€
1/2"	BANSASO15008	
3/4"	BANSASO15012	
1"	BANSASO15016	
1"1/4	BANSASO15020	
1"1/2	BANSASO15024	
2"	BANSASO15032	
2"1/2	BANSASO15040	
3"	BANSASO15048	
4"	BANSASO15064	

### Aro para brida ANSI-ASA 150/300 LBS



Collet épais pour bride ANSI-ASA 150/300 LBS  
Tube for welding flanges ANSI-ASA 150/300 LBS  
Anello per flangia ANSI-ASA 150/300 LBS

DN	REFERENCIA PART N°	€
1/2"	ABAROANSA08	
3/4"	ABAROANSA12	
1"	ABAROANSA16	
1"1/4	ABAROANSA20	
1"1/2	ABAROANSA24	
2"	ABAROANSA32	
2"1/2	ABAROANSA40	
3"	ABAROANSA48	
4"	ABAROANSA64	

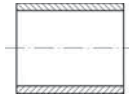
### Brida giratoria ANSI-ASA 300 LBS



Bride tournante ANSI-ASA 300 LBS  
Swivel flange ANSI-ASA 300 LBS  
Flangia girevole ANSI-ASA 300 LBS

DN	REFERENCIA PART N°	€
1/2"	BANSASO30008	
3/4"	BANSASO30012	
1"	BANSASO30016	
1"1/4	BANSASO30020	
1"1/2	BANSASO30024	
2"	BANSASO30032	
2"1/2	BANSASO30040	
3"	BANSASO30048	
4"	BANSASO30064	

### Tubo soldar brida ANSI-DIN



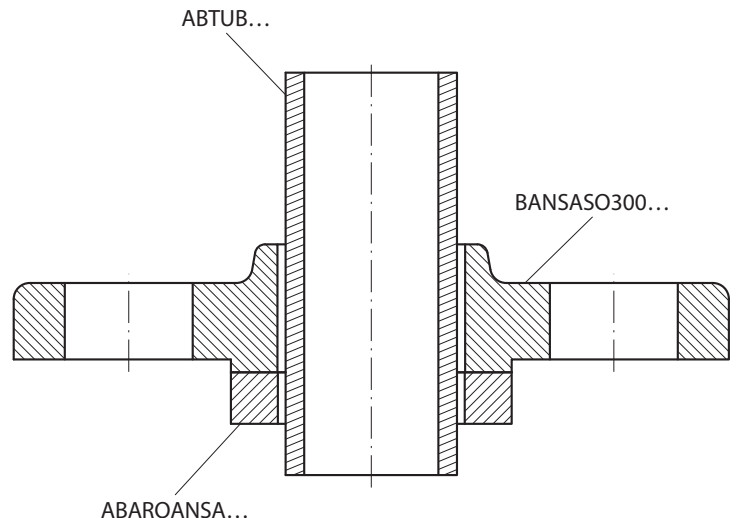
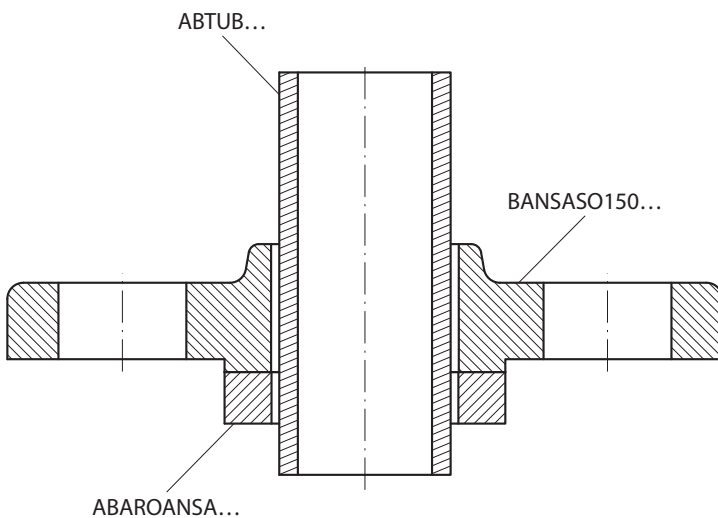
Tube à souder brides ANSI-DIN  
Tube for welding flanges ANSI-DIN  
Tubo per flangia a saldare ANSI-DIN

DN	REFERENCIA PART N°	€
3/8"	ABTUB006	
1/2"	ABTUB008	
3/4"	ABTUB012	
1"	ABTUB016	
1"1/4	ABTUB020	
1"1/2	ABTUB024	
2"	ABTUB032	
2"1/2	ABTUB040	
3"	ABTUB048	
4"	ABTUB064	

Low pressure

Air conditioned hoses  
and fittings

Measuring flow

Machines for  
mounting flexibles



Baja presión

Basse pression

Low pressure

Tubi a bassa pressione



# 4

Manguera baja presión

100

Tuyau basse pression | Low pressure hose | Tubi bassa pressione

Racores baja presión

101

Raccords basse pression | Low pressure fittings | Raccordi bassa pressione

# Manguera baja presión

Tuyau basse pression | Low pressure hose | Tubi bassa pressione

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

▶ **Mangueras de caucho sintético (gasoil)** | Tuyaux de caoutchouc synthétique (gas-oil) | Synthetic rubber hoses (diesel oil) | Tubi di caucciú sintético (diesel)



M100



M110

▶ **Racores baja presión**

Raccords basse pression | Low pressure fittings | Raccordi bassa pressione

▶ **Casquillos (campanillas)** | Jupes basse pression | Sleeves | Boccole (in acciaio sottile)

104



A5010

▶ **Conexiones BSP** | Embouts BSP basse pression | BSP Fittings | Raccordi BSP

104



D5030



D5052



D5050



D5042



D5040



D5091

▶ **Conexiones Métricas** | Embouts Métriques basse pression | Metric fittings | Raccordi Metrici

106



D5070



D5082



D5080



D5090



D5062



D5060



D5085



D5020

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

## Conexiones baja presión

Embouts basse pression | Low pressure fittings | Raccordi bassa pressione

Hoses

Flexible hose fittings

Stainless steel hoses  
and fittings

Low pressure

Air conditioned hoses  
and fittings

Measuring flow

Machines for  
mounting flexibles

- ▶ **Máquina prensar tubería baja presión. Ref. PMMBP** | Machine à sertir tuyaux basse pression  
Low pressure hoses crimping machine | Macchina pressatubi bassa pressione. Rif. PMMBP

### Características | Caractéristiques | Features | Caratteristiche

- **Peso** | Poids | Weight | Peso: **22 kg.**
- **Medidas (mm)** | Mesures | Measures | Misure:  
Máquina: Largo: 270 - Ancho: 130 - Alto: 260 | Machine: Longueur: 270 - Largeur: 130 - Hauteur: 260  
Machine: Length: 270 - Width: 130 - Height: 260 | Macchina: Lunghezza: 270 - Larghezza: 130 - Altezza: 260
- **Palanca apriete: Ø 33 - Longitud: 750**  
Levier: Ø 33 | Lever: Ø 33 | Leva: Ø 33
- **Tres juegos de garras intercambiables** | 3 jeux de mors interchangeables  
3 sets of interchangeable clamps | Tre serie di morsetti
- **Ø máx. de apertura** | Ø max. d'ouverture | Ø max. opening | Ø mass. apertura: **56 mm.**
- **Ø máx. de campana** | Ø max. de jupe | Ø max. ferrule | Ø mass. boccola: **40 mm.**
- **Ø ext. máx. de campana** | Ø ext. de jupe | Ø outer ferrule | Ø esterno mass. boccola: **40 mm.**
- **Ø ext. mín. de campana** | Ø ext. min. de jupe | Ø outer min. ferrule | Ø esterno min. boccola: **10 mm.**
- **Rango de prensado mm.** | Gamme de sertissage mm.  
Crimping range mm. | Gamma di pressatura mm.:  
**Grandes** | Grandes | Big | Grande: **Mín. 21 - Máx. 37**  
**Medianas** | Moyennes | Medium | Media: **Mín. 13 - Máx. 25**  
**Pequeñas** | Petites | Small | Piccola: **Mín. 6 - Máx. 17**



- ▶ **Máquina prensar tubería baja presión. Ref. PMBP-HF** | Machine à sertir tuyaux basse pression  
Low pressure hose crimping machine | Macchina pressatubi bassa pressione. Rif. PMBP-HF

### Características | Caractéristiques | Features | Caratteristiche

- **Peso** | Poids | Weight | Peso: **20 kg.**
- **Medidas (mm)** | Mesures | Measures | Misure:  
Máquina: Largo: 440 - Ancho: 122 - Alto: 710 | Machine: Longueur: 330 - Largeur: 130 - Hauteur: 740  
Machine: Length: 330 - Width: 130 - Height: 740 | Macchina: Lunghezza: 330 - Larghezza: 130 - Altezza: 740
- **Dos juegos de garras intercambiables** | 2 jeux de mors interchangeables  
2 sets of interchangeable clamps | Due serie di morsetti
- **Rango de prensado mm.** | Gamme de sertissage mm.  
Crimping range mm. | Gamma di pressatura mm.  
**Pequeñas** | Petites | Small | Piccola: **Mín. 10 - Máx. 24**  
**Grandes** | Grandes | Big | Grande: **Mín. 20 - Máx. 35**



## Manguera baja presión

Tuyau basse pression  
Low pressure hose  
Tubi bassa pressione

### Manguera de caucho sintético con una malla de acero galvanizado



Tuyau de caoutchouc synthétique avec une tresse d'acier galvanisé

Synthetic rubber hose with a galvanized steel braided

Tubo di caucciú sintético con una maglia di acciaio galvanizzato

Ø in	REFERENCIA PART N°	€
5	M10005	
6	M10006	
7	M10007	
8	M10008	
9	M10009	
12	M10012	
14	M10014	
15	M10015	
18	M10018	
20	M10020	
22	M10022	
26	M10025	
30	M10030	
40	M10040	
50	M10050	

### Manguera de caucho sintético con una malla textil de alta tenacidad



Tuyau de caoutchouc synthétique avec une tresse textile d'haute tenacité

Synthetic rubber hose with a textile braided high toughness

Tubo di caucciú sintético con una maglia tessile ad alta resistenza

Ø in	REFERENCIA PART N°	€
4	M11004	
5	M11005	
6	M11006	
7	M11007	
8	M11008	
9	M11009	
12	M11012	

## Racores baja presión

Raccords basse pression  
Low pressure fittings  
Raccordi bassa pressione

Hoses

### Campanillas de plancha para manguera de baja presión



Jupes acier doux malléable pour tuyau basse pression

Sleeves for low pressure hose

Boccola in acciaio sottile per tubo bassa pressione

Ø in	REFERENCIA PART N°	€
10,5	A50101050000	
12	A50101200000	
13,5	A50101350000	
14,5	A50101450000	
15,5	A50101550000	
17	A50101700000	
18,5	A50101850000	
20,5	A50102050000	
22,5	A50102250000	
24,5	A50102450000	
26	A50102600000	
28	A50102800000	
30	A50103000000	
33	A50103300000	
36	A50103600000	
42	A50104200000	
56	A50105600000	
61	A50106100000	
66,5	A50106650000	
71	A50107100000	

Flexible hose fittings

Stainless steel hoses  
and fittings

Low pressure

### Tuerca BSP



Ecrou BSP

BSP Nut

Dado BSP

ROSCA THREAD	REFERENCIA PART N°	€
1/4" BSP	D50300400000	
3/8" BSP	D50300600000	
1/2" BSP	D50300800000	
3/4" BSP	D50301200000	
1" BSP	D50301600000	
1"1/4 BSP	D50302000000	
1"1/2 BSP	D50302400000	
2" BSP	D50303200000	

Air conditioned hoses  
and fittings

Measuring flow

Machines for  
mounting flexibles

### Boquilla asiento cónico 60° (BSP) baja presión



Nipple embout femelle BSP 60° basse pression

BSP Nipple 60° cone low pressure

Inserto cono 60° BSP bassa pressione

DN	TUERCA NUT	REFERENCIA PART N°	€
5-6	1/4"	D50520405000	
7-8	1/4"	D50520407000	
7-8	3/8"	D50520607000	
9-10	3/8"	D50520609000	
12-13	1/2"	D50520812000	
15-16	1/2"	D50520815000	
15-16	3/4"	D50521216000	
19-20	3/4"	D50521220000	
19-20	1"	D50521620000	
25	1"	D50521625000	
30	1"1/4	D50522030000	
40	1"1/2	D50522440000	
50	2"	D50523250000	

## Racores baja presión

Raccords basse pression  
Low pressure fittings  
Raccordi bassa pressione

### Boquilla asiento plano (BSP) baja presión



Nipple embout femelle fond plat BSP basse pression  
BSP Nipple flat seat  
Inserto faccia piana BSP bassa pressione

TUBO PIPE	TUERCA NUT	REFERENCIA PART N°	€
5-6	1/4"	D50500405000	
7-8	1/4"	D50500407000	
9-10	3/8"	D50500609000	
12-13	1/2"	D50500812000	
15-16	1/2"	D50500815000	
15-16	3/4"	D50501216000	
19-20	3/4"	D50501220000	
19-20	1"	D50501620000	
25	1"	D50501625000	
30	1"1/4	D50502030000	
40	1"1/2	D50502440000	
50	2"	D50503250000	

### Macho BSP rosca cilíndrica asiento cónico 60°



Embout mâle fixe BSP cône 60° basse pression  
BSP Cylindrical male low pressure 60° cone  
Maschio BSP cilindrico sede conica 60° bassa pressione

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
5-6	1/4"	D50420405000	
7-8	1/4"	D50420407000	
7-8	3/8"	D50420607000	
9-10	3/8"	D50420609000	
12-13	3/8"	D50420612000	
12-13	1/2"	D50420812000	
15-16	1/2"	D50420815000	
15-16	3/4"	D50421216000	
19-20	3/4"	D50421220000	
19-20	1"	D50421620000	
25	1"	D50421625000	
30	1"1/4	D50422030000	
40	1"1/2	D50422440000	
50	2"	D50423250000	

### Macho BSP rosca cilíndrica asiento plano



Embout mâle gaz fond plat basse pression  
Low pressure BSP cylindrical male flat seat  
Maschio BSP cilindrico sede piana bassa pressione

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
5-6	1/8"	D50400205000	
5-6	1/4"	D50400405000	
7-8	1/4"	D50400407000	
7-8	3/8"	D50400607000	
9-10	3/8"	D50400609000	
12-13	1/2"	D50400812000	
15-16	1/2"	D50400815000	
15-16	3/4"	D50401216000	
19-20	3/4"	D50401220000	
19-20	1"	D50401620000	
25	1"	D50401625000	
30	1"1/4	D50402030000	
40	1"1/2	D50402440000	
50	2"	D50403250000	

### Codo 90° baja gas cono 60°



Embout femelle 90° gaz cyl BSP 60° basse pression  
90° BSP Swivel female 60° cone low pressure  
Femmina a 90° sede 60° bassa pressione

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
5-6	1/4"	D50910405000	
7-8	1/4"	D50910407000	
7-8	3/8"	D50910607000	
9-10	3/8"	D50910609000	
12-13	1/2"	D50910812000	
15-16	1/2"	D50910815000	
15-16	3/4"	D50911216000	
19-20	3/4"	D50911220000	
19-20	1"	D50911620000	
25	1"	D50911625000	
30	1"1/4	D50912030000	

## Racores baja presión

Raccords basse pression  
Low pressure fittings  
Raccordi bassa pressione

### Tuerca Métrica



Écrou métrique  
Metric nut  
Dado Metrico

ROSCA THREAD	REFERENCIA PART N°	€
M10X1	D50701000000	
M12X1,5	D507012000000	
M14X1,5	D507014000000	
M16X1,5	D507016000000	
M18X1,5	D507018000000	
M22X1,5	D507022000000	
M26X1,5	D507026000000	

### Boquilla en codo 90° asiento cónico 60° (métrico) baja presión



Nipple en embout femelle 90° DIN métrique cône 60° basse pression  
Nipple in 90° metric swivel female tapered seat low pressure 60°  
Femmina a 90° Metrica sede conica 60°

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
5-6	10X1	D50901006000	
7-8	12X1,5	D50901207000	
9-10	14X1,5	D50901409000	
9-10	16X1,5	D50901609000	

### Boquilla asiento cónico 60° (Métrica) baja presión



Nipple pour embout femelle DIN métrique cône 60° basse pression  
Metric nipple 60° cone low pressure  
Inserto cono 60° Metrico bassa pressione

TUBO PIPE	TUERCA NUT	REFERENCIA PART N°	€
5-6	10X1	D50821005000	1,33
7-8	12X1,5	D50821207000	
9-10	14X1,5	D50821409000	
8-9	16X1,5	D50821609000	
9-10	18X1,5	D50821810000	
12-13	22X1,5	D50822212000	
15-16	22X1,5	D50822215000	
12-13	26X1,5	D50822612000	
15-16	26X1,5	D50822615000	

### Macho rosca Métrica asiento cónico 60° baja presión



Embout mâle DIN métrique cône 60° basse pression  
Metric cylindrical male 60° cone  
Maschio Metrico sede conica 60° bassa pressione

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
5-6	10X1	D50621005000	
7-8	12X1,5	D50621207000	
9-10	14X1,5	D50621409000	
9-10	16X1,5	D50621609000	
12-13	16X1,5	D50621612000	
9-10	18X1,5	D50621810000	
12-13	22X1,5	D50622212000	
15-16	22X1,5	D50622215000	
12-13	26X1,5	D50622612000	
15-16	26X1,5	D50622615000	

### Boquilla asiento plano (Métrica) baja presión



Nipple pour embout femelle métrique fond plat basse pression  
Metric nipple flat seat low pressure  
Inserto faccia piana bassa pressione

TUBO PIPE	TUERCA NUT	REFERENCIA PART N°	€
5-6	10X1	D50801005000	
7-8	12X1,5	D50801207000	
9-10	14X1,5	D50801409000	
9-10	16X1,5	D50801609000	
9-10	18X1,5	D50801810000	
12-13	22X1,5	D50802212000	
15-16	22X1,5	D50802215000	
12-13	26X1,5	D50802612000	
15-16	26X1,5	D50802615000	

### Macho rosca Métrica asiento plano baja presión



Embout mâle métrique fond plat basse pression  
Metric cyl male flat seat low pressure  
Maschio Metrico sede piana bassa pressione

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
5-6	10X1	D50601005000	
7-8	12X1,5	D50601207000	
9-10	14X1,5	D50601409000	
9-10	16X1,5	D50601609000	
12-13	16X1,5	D50601612000	
9-10	18X1,5	D50601810000	
12-13	22X1,5	D50602212000	
15-16	22X1,5	D50602215000	
12-13	26X1,5	D50602612000	
15-16	26X1,5	D50602615000	



## Racores baja presión

Raccords basse pression  
Low pressure fittings  
Raccordi bassa pressione

### Espiga lisa Métrica baja presión



Embout lisse métrique basse pression  
Metric standpipe low pressure  
Estremitá tubolare Metrica bassa pressione

TUBO PIPE		REFERENCIA PART N°	€
5-6	4	D50850405000	
5-6	6	D50850606000	
5-6	8	D50850806000	
7-8	8	D50850808000	
7-8	10	D50851008000	
9-10	10	D50851010000	
12-13	12	D50851212000	
15-16	15	D50851515000	
15-16	18	D50851815000	

### Orientable métrico baja presión



Embout banjo métrique basse pression  
Low pressure metric banjo  
Raccordo ad occhio Metrico bassa pressione

TUBO PIPE	Ø	REFERENCIA PART N°	€
5-6	8	D50200805	
7-8	8	D50200807	
5-6	10	D50201005	
7-8	10	D50201007	
9-10	10	D50201009	
5-6	12	D50201205	
7-8	12	D50201207	
9-10	12	D50201209	
5-6	14	D50201405	
7-8	14	D50201407	
9-10	14	D50201409	

# Aire acondicionado

Climatisation

Air conditioning hoses and fittings

Aria condizionata



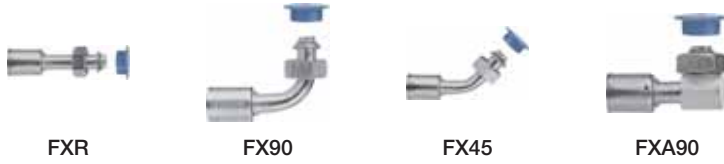
## Racores aire acondicionado

Raccords climatisation | Air conditioning fittings | Raccordi aria condizionata

Hoses

- ▶ **Rotalock sin válvula** | Raccords Rotalock sans vanne | Rotalock without valve | Raccordi Rotalock senza valvola

113



FXR

FX90

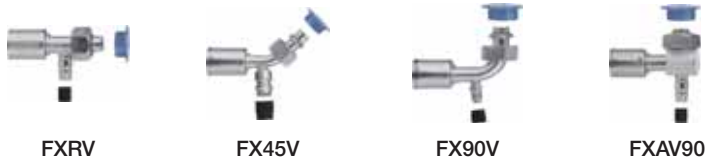
FX45

FXA90

Flexible hose fittings

- ▶ **Rotalock con válvula** | Raccords Rotalock avec vanne | Rotalock with valve | Raccordi Rotalock con valvola

113



FXRV

FX45V

FX90V

FXAV90

Stainless steel hoses and fittings

- ▶ **Racores de unión** | Raccord union | Couplings | Raccordi di unione

114



134 URTV

URT

Low pressure

- ▶ **Hembras con junta tórica sin válvula** | Femelles tournantes avec joint vert sans vanne | Swivel female with green joint | Femmine con o'ring senza valvola

114



FOR

FO45

FO90

Air conditioned hoses and fittings

- ▶ **Hembras con junta tórica con válvula** | Femelles tournantes avec joint vert et avec vanne | Swivel female with green joint with valve | Femmine con o'ring e valvola

114



FORV

FO90V

FO45V

Measuring flow

- ▶ **Machos con junta tórica** | Mâles avec joint vert | Males with green joint | Maschi con o'ring

115



MOR

MO45

MO90

Machines for mounting flexibles

- ▶ **Conexiones rosca SAE** | Femelles tournantes SAE | Swivel females SAE | Raccordi SAE

115



FSR

FS90

FS45

► **Conexiones con válvula para Freón 12** | Embouts climatisation pour Freón 12 avec vanne | Fittings with valve for air conditioning 12 | Raccordi con valvola per Freon 12 **116**



FXRV



FXAV90



URTV



FX90V

► **Juntas tóricas y racores recuperables** | Joints toriques et raccords récupérables | Joints and reusable fittings | O'ring e raccordi recuperabili **116**



\*FREON



CRF

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles



## Racores aire acondicionado

Raccords climatisation  
Air conditioning fittings  
Raccordi aria condizionata

### Hembra recta con junta Rotalock



Femelle climatisation droite Rotalock avec raccord tube "o" compresseur

**Straight female with Rotalock joint**

**Femmina diritta con guarnizione Rotalock**

DN	ROSCA THREAD	REFERENCIA PART N°	€
13/32"	1" 14h UNS	<b>FXR 1108</b>	
1/2"	1" 14h UNS	<b>FXR 1110</b>	
5/8"	1" 14h UNS	<b>FXR 1112</b>	

### Hembra 45° con junta Rotalock



Femelle climatisation 45° Rotalock avec raccord tube 45° "o" compresseur

**45° Female with Rotalock joint**

**Femmina a 45° con guarnizione Rotalock**

DN	ROSCA THREAD	REFERENCIA PART N°	€
13/32"	1" 14h UNS	<b>FX45 1108</b>	
1/2"	1" 14h UNS	<b>FX45 1110</b>	
5/8"	1" 14h UNS	<b>FX45 1112</b>	

### Hembra 90° con junta Rotalock



Femelle climatisation 90° Rotalock avec raccord tube 90° "o" compresseur

**90° Female with Rotalock joint**

**Femmina a 90° con guarnizione Rotalock**

DN	ROSCA THREAD	REFERENCIA PART N°	€
13/32"	1" 14h UNS	<b>FX90 1108</b>	
1/2"	1" 14h UNS	<b>FX90 1110</b>	
5/8"	1" 14h UNS	<b>FX90 1112</b>	

### Hembra especial 90° con junta Rotalock



Femelle climatisation spéciale 90° rotalock avec raccord tube 90° spécial "o" compresseur

**90° Special female with Rotalock joint**

**Femmina a 90° speciale con guarnizione Rotalock**

DN	ROSCA THREAD	REFERENCIA PART N°	€
13/32"	1" 14h UNS	<b>FXA90 1108</b>	
1/2"	1" 14h UNS	<b>FXA90 1110</b>	

### Hembra recta con junta Rotalock y válvula 134



Femelle droite Rotalock avec joint et vanne pour 134

**Straight female with Rotalock joint and 134 valve**

**Femmina diritta con guarnizione Rotalock e valvola 134**

DN	ROSCA THREAD	REFERENCIA PART N°	€
13/32"	1" 14h UNS	<b>134 FXRV 1108</b>	
1/2"	1" 14h UNS	<b>134 FXRV 1110</b>	
5/8"	1" 14h UNS	<b>134 FXRV 1112</b>	

### Hembra 90° con junta Rotalock y válvula 134



Femelle 90° Rotalock avec joint et vanne pour 134

**90° Female with Rotalock joint and 134 valve**

**Femmina a 90° con guarnizione Rotalock e valvola 134**

DN	ROSCA THREAD	REFERENCIA PART N°	€
13/32"	1" 14h UNS	<b>134 FX90V 1108</b>	
1/2"	1" 14h UNS	<b>134 FX90V 1110</b>	
5/8"	1" 14h UNS	<b>134 FX90V 1112</b>	

### Hembra 45° con junta Rotalock y válvula 134



Femelle 45° Rotalock avec joint et vanne pour 134

**45° Female with Rotalock joint and 134 valve**

**Femmina a 45° con guarnizione Rotalock e valvola 134**

DN	ROSCA THREAD	REFERENCIA PART N°	€
13/32"	1" 14h UNS	<b>134 FX45V 1108</b>	
1/2"	1" 14h UNS	<b>134 FX45V 1110</b>	

### Hembra especial 90° con junta Rotalock y válvula 134



Femelle climatisation spéciale 90° Rotalock avec joint et vanne pour 134

**90° special Female with Rotalock joint and 134 valve**

**Femmina a 90° speciale con guarnizione Rotalock e valvola 134**

DN	ROSCA THREAD	REFERENCIA PART N°	€
13/32"	1" 14h UNS	<b>134 FXAV90 1108</b>	
1/2"	1" 14h UNS	<b>134 FXAV90 1110</b>	

## Racores aire acondicionado

Raccords climatisation  
Air conditioning fittings  
Raccordi aria condizionata

Hoses

### Racor de unión con válvula 134



Raccord d'union climatisation avec vanne pour splicer vanne pour 134  
134 valve coupling  
Raccordo di unione tubi con valvola 134

DN	REFERENCIA PART N°	€
5/16"	134 URTV 0006	
13/32"	134 URTV 0008	
1/2"	134 URTV 0010	
5/8"	134 URTV 0012	

Flexible hose fittings

### Racor de unión



Raccord d'union climatisation splicer  
Hose-hose coupling  
Raccordo di unione tubo-tubo

DN	REFERENCIA PART N°	€
5/16"	URT 0006	
13/32"	URT 0008	
1/2"	URT 0010	
5/8"	URT 0012	

Stainless steel hoses  
and fittings

### Hembra giratoria recta con junta verde



Femelle tournante avec joint vert  
Straight swivel female with green joint  
Femmina diritta con o'ring verde

DN	ROSCA THREAD	REFERENCIA PART N°	€
5/16"	5/8" 18h UNF	FOR 0606	
13/32"	3/4" 16h UNF	FOR 0808	
1/2"	7/8" 14h UNF	FOR 1010	
5/8"	7/8" 14h UNF	FOR 1012	
5/8"	1"1/16 12h UNF	FOR 1212	

Low pressure

### Hembra giratoria 90° con junta verde



Femelle tournante 90° avec joint vert  
90° swivel female with green joint  
Femmina a 90° con o'ring verde

DN	ROSCA THREAD	REFERENCIA PART N°	€
5/16"	5/8" 18h UNF	FO90 0606	
13/32"	3/4" 16h UNF	FO90 0808	
1/2"	7/8" 14h UNF	FO90 1010	
5/8"	7/8" 14h UNF	FO90 1012	
5/8"	1"1/16 12h UNF	FO90 1212	

Air conditioned hoses  
and fittings

### Hembra giratoria 45° con junta verde



Femelle tournante 45° avec joint vert  
45° swivel female with green joint  
Femmina a 45° con o'ring verde

DN	ROSCA THREAD	REFERENCIA PART N°	€
5/16"	5/8" 18h UNF	FO45 0606	
13/32"	3/4" 16h UNF	FO45 0808	
1/2"	7/8" 14h UNF	FO45 1010	
5/8"	7/8" 14h UNF	FO45 1012	
5/8"	1"1/16 12h UNF	FO45 1212	

Measuring flow

### Hembra giratoria recta con válvula



Femelle tournante avec joint vert et vanne pour 134  
Straight swivel female with green joint and valve  
Femmina diritta con o'ring verde e valvola 134

DN	ROSCA THREAD	REFERENCIA PART N°	€
5/16"	5/8" 18h UNF	FORV 0606	
13/32"	3/4" 16h UNF	FORV 0808	
1/2"	7/8" 14h UNF	FORV 1010	
5/8"	7/8" 14h UNF	FORV 1012	
5/8"	1"1/16 12h UNF	FORV 1212	

Machines for  
mounting flexibles

### Hembra giratoria 90° con válvula



Femelle tournante 90° avec joint vert et vanne pour 134  
90° Swivel female with green joint and valve  
Femmina a 90° con o'ring verde e valvola 134

DN	ROSCA THREAD	REFERENCIA PART N°	€
5/16"	5/8" 18h UNF	FO90V 0606	
13/32"	3/4" 16h UNF	FO90V 0808	
1/2"	7/8" 14h UNF	FO90V 1010	
5/8"	7/8" 14h UNF	FO90V 1012	
5/8"	1"1/16 12h UNF	FO90V 1212	



## Racores aire acondicionado

Raccords climatisation  
Air conditioning fittings  
Raccordi aria condizionata

### Hembra giratoria 45° con válvula



Femelle tournante 45° avec joint vert et vanne pour 134  
45° Swivel female with green joint and valve  
Femmina a 45° con o'ring verde e valvola 134

DN	ROSCA THREAD	REFERENCIA PART N°	€
5/16"	5/8" 18h UNF	FO45V 0606	
13/32"	3/4" 16h UNF	FO45V 0808	
1/2"	7/8" 14h UNF	FO45V 1010	
5/8"	7/8" 14h UNF	FO45V 1012	
5/8"	1"1/16 12h UNF	FO45V 1212	

### Macho recto con junta tórica



Mâle tournant avec joint vert  
Straight male with green joint  
Maschio diritto con o'ring

DN	ROSCA THREAD	REFERENCIA PART N°	€
5/16"	5/8" 18h UNF	MOR 0606	
13/32"	3/4" 18h UNF	MOR 0808	
1/2"	7/8" 18h UNF	MOR 1010	
5/8"	7/8" 18h UNF	MOR 1012	
5/8"	1"1/16 16h UNF	MOR 1212	

### Macho 90° con junta tórica



Mâle tournant 90° avec joint vert  
90° Male with green joint  
Maschio a 90° con o'ring

DN	ROSCA THREAD	REFERENCIA PART N°	€
5/16"	5/8" 18h UNF	MO90 0606	
13/32"	3/4" 18h UNF	MO90 0808	
1/2"	7/8" 18h UNF	MO90 1010	
5/8"	7/8" 18h UNF	MO90 1012	
5/8"	1"1/16 16h UNF	MO90 1212	

### Macho 45° con junta tórica



Mâle tournant 45° avec joint vert  
45° Male with green joint  
Maschio a 45° con o'ring

DN	ROSCA THREAD	REFERENCIA PART N°	€
5/16"	5/8" 18h UNF	MO45 0606	
13/32"	3/4" 18h UNF	MO45 0808	
1/2"	7/8" 18h UNF	MO45 1010	
5/8"	7/8" 18h UNF	MO45 1012	
5/8"	1"1/16 16h UNF	MO45 1212	

### Hembra giratoria recta



Femelle tournante SAE droite  
Straight swivel female SAE  
Femmina diritta SAE

DN	ROSCA THREAD	REFERENCIA PART N°	€
5/16"	5/8" 18h UNF	FSR 0606	
13/32"	3/4" 16h UNF	FSR 0808	
1/2"	7/8" 14h UNF	FSR 1010	

### Codo 90° hembra giratoria



Femelle tournante 90° SAE  
90° Swivel female SAE  
Femmina a 90° SAE

DN	ROSCA THREAD	REFERENCIA PART N°	€
5/16"	5/8" 18h UNF	FS90 0606	
13/32"	3/4" 16h UNF	FS90 0808	
1/2"	7/8" 14h UNF	FS90 1010	

## Racores aire acondicionado

Raccords climatisation  
Air conditioning fittings  
Raccordi aria condizionata

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

### Codo 45° hembra giratoria



Femelle tournante 45° SAE  
45° Swivel female SAE  
Femmina a 45° SAE

DN	ROSCA THREAD	REFERENCIA PART N°	€
5/16"	5/8" 18h UNF	FS45 0606	
13/32"	3/4" 16h UNF	FS45 0808	
1/2"	7/8" 14h UNF	FS45 1010	

### Hembra recta con junta Rotalock y válvula



Femelle droite Rotalock avec joint et vanne pour R12  
Straight female with Rotalock joint and valve  
Femmina diritta con guarnizione Rotalock e valvola

DN	ROSCA THREAD	REFERENCIA PART N°	€
13/32"	1" 14h UNS	FXRV 1108	
1/2"	1" 14h UNS	FXRV 1110	

### Hembra especial 90° con junta Rotalock y válvula



Femelle spéciale 90° Rotalock avec joint et vanne pour R12  
90° Special female with Rotalock joint and valve  
Femmina a 90° speciale con guarnizione Rotalock e valvola

DN	ROSCA THREAD	REFERENCIA PART N°	€
13/32"	1" 14h UNS	FXAV90 1108	
1/2"	1" 14h UNS	FXAV90 1110	

### Junta tórica para racores Freón 134



Joint torique spécial pour Freon 134  
Joints for air conditioning 134 fittings  
O'ring per raccordi per Freon 134

DN	REFERENCIA PART N°	€
5/16	7.65X1.78 FREON	
13/32	10.82X1.78 FREON	
1/2	14X1.78 FREON	
5/8	18.77X1.78 FREON	

### Racor de unión con válvula



Raccord union avec vanne pour R14 splicer vanne pour R12  
Union fitting with valve  
Raccordi de unione con valvola

DN	REFERENCIA PART N°	€
5/16"	URTV 0006	
13/32"	URTV 0008	
1/2"	URTV 0010	

### Hembra 90° con junta Rotalock y válvula



Femelle 90° Rotalock avec joint et vanne pour R12  
90° Female with Rotalock joint and valve  
Femmina a 90° con guarnizione Rotalock e valvola

DN	ROSCA THREAD	REFERENCIA PART N°	€
13/32"	1" 14h UNS	FX90V 1108	
1/2"	1" 14h UNS	FX90V 1110	

### Racores recuperables cargadoras



Raccords climatisation récupérables pour chargeurs  
Reusable fittings for loaders  
Raccordi recuperabili per carico

DN	ROSCA THREAD	Descripción Description	REFERENCIA PART N°	€
3/16"	7/16"	Swivel F. 90°	CRFC900703	
3/16"	7/16"	Ferrule	CRFM003	
3/16"	7/16"	Swivel F.	CRFTL0703	

Para manguera Barrier//Pour tuyau Barrier//For Barrier hose//Per tubi Barrier

# NUEVO BANCO DE PRUEBAS

NOUVEAUX BANC D'ESSAI

NEW TESTING BENCH

BI703 FLEX es una máquina para ensayos de impulsos para latiguillos flexibles hidráulicos, estáticos o con flexión y rotación según las normas que siguen:

- Ondas impulsos cuadrados: SAE J343 - ISO 6803 - ISO 6605
- Ondas pico: ISO 6772
- Ondas impulsos con flexión: ISO8032 (medio omega)
- Ondas impulsos con flexión: SAEJ1405 - ISO 6802 (omega)

BI703 FLEX est un banc d'essai pour les tuyaux hydrauliques flexibles, essais d'impulsions statiques ou de flexion et rotation selon les normes suivantes:

- Ondes d'impulsions carrés: SAE J343 - ISO 6803 - ISO 6605
- Impulsions avec pic: ISO 6772
- Impulsions avec flexion: ISO8032 (demi-oméga)
- Impulsions à la flexion: SAEJ1405 - ISO 6802 (oméga)
- Ondes programmables jusqu'à 20

BI703 FLEX is a machine for impulse test of hydraulic rubber flexible hoses static or with flexing and rotation in accordance to the following Norms:

- Square impulse waves: SAE J343 - ISO 6803 - ISO 6605
- Impulses with peak: ISO 6772
- Impulses with flexion: ISO8032 (half omega)
- Impulses with flexion: SAEJ1405 - ISO 6802 (omega)
- Free programmable waves up to 20

## Ampliación de Nuestras Instalaciones con 6000m<sup>2</sup> (Oficinas, Almacén y Fábrica)

Agrandissement de 6000m<sup>2</sup> de Nos Infrastructures  
(Bureaux, Entrepôt et Production)

Expansion of our Facilities with 6000m<sup>2</sup>  
(Offices, Warehouse and Manufacturing)

# Metrología

Test du circuit hydraulique  
Measuring flow  
Test per circuiti idraulici.

# 6

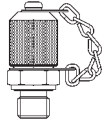
Racores de control	120
Prises de contrôle   Checking fittings   Prese di pressione	
Tomas de manómetros	121
Embouts manomètres   Manometers fittings   Raccordi per manometri	
Manómetros y vacuómetros	122
Manomètres et vacuomètres   Manometers and vacuum gauges   Manometri e vacuometri	
Medidores de caudal	123
Débitmètres   Flow tester   Indicatori di flusso	

# Racores de control

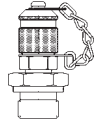
Prises de contrôle | Checking fittings | Prese di pressione

Hoses

► **Tomas de presión 16x1.5** | Prises de pression 16x1.5 | Check couplings for manometers 16x1.5 | Prese di pressione 16x1.5 125



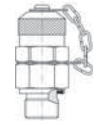
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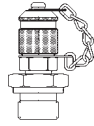
MPL

Flexible hose fittings

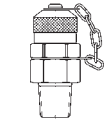
► **Tomas de presión 16x2** | Prises de pression 16x2 | Check couplings for manometers 16x2 | Prese di pressione 16x2 125



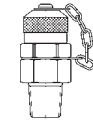
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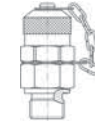
MPR G



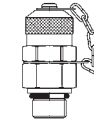
MPR BSPT



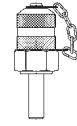
MPR NPT



MPR M



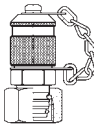
MPR A



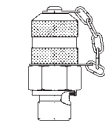
MPR TUB



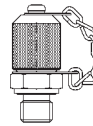
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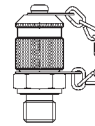
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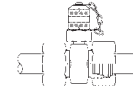
MPR M CM



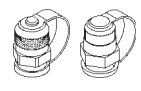
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MPR G CM



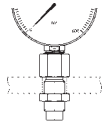
MPR DL CM



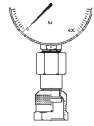
27C/28C

Stainless steel hoses and fittings

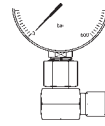
► **Accesorios / adaptadores** | Accessoires / adapteurs minimes | Accessories / adaptors | Accessori / adattatori 127



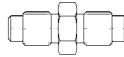
MPR PT BSP



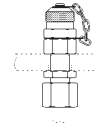
MPD BSP



MPD 90 BSP



MPU



MPR PT

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

# Tomas de manómetros

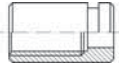
Embouts manomètres | Manometers fittings | Raccordi per manometri

## ▶ Mangueras para tomas de manómetro | Tuyaux capillaires minimesse | Hoses for check couplings for manometers | Tubi per prese di pressione 128

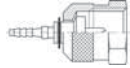


MT010

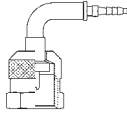
## ▶ Conexiones para prensar | Embouts à sertir minimesse | Crimp fittings | Raccordi a pressare 128



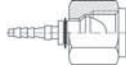
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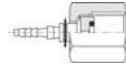
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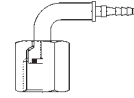
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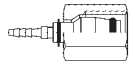
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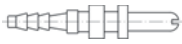
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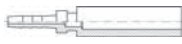
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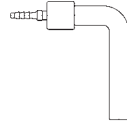
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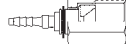
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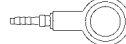
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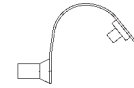
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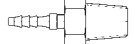
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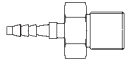
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54000



55513



55502

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

## Manómetros y vacuómetros

Manomètres et vacuomètres | Manometers and vacuum gauges | Manometri e vacuometri

Hoses

### ▶ **Manómetros** | Manomètres | Manometers | Manometri

130



MFI63...V



MFI63...-DB



MFI100...V



MFI100...-DB



MFI CO

Flexible hose fittings

### ▶ **Vacuómetros** | Vacuomètres | Vacuum gauges | Vacuometri

131



VAC6304



MFI VA

Stainless steel hoses  
and fittings

### ▶ **Equipos de medición** | Équipements de mesure | Check cases | Valigetta per rilevamento di pressione

131



CBOX0001



CBOX0002

Low pressure

Air conditioned hoses  
and fittings

Measuring flow

Machines for  
mounting flexibles



## Medidores de caudal

Débitmètres | Flow tester | Indicatori di flusso

123

### ▶ Caudalímetros 250 bar | Débitmètres 250 bar | Flow tester 250 bar | Flussostati 250 bar

132



WPB3A6H



WPB4A6H



WPB5A6H

### ▶ Caudalímetros 300-400 bar | Débitmètres 300-400 bar | Flow tester 300-400 bar | Flussostati 300-400 bar

132



FT5758



FT6068



FT5594

### ▶ Foto-tacómetro | Photo-tachymètre | Photo-tachometer | Foto-tachimetro

132



DT

Hoses

Flexible hose fittings

Stainless steel hoses  
and fittings

Low pressure

Air conditioned hoses  
and fittings

Measuring flow

Machines for  
mounting flexibles



## Racores de control

Prises de contrôle  
Checking fittings  
Prese di pressione

### Racor de control rosca Métrica DIN 3852 (metálico)



Prise de pression métrique (métallique)  
Check coupling male metric thread (metallic)  
Presse di pressione Metrica DIN 3852 (metallico)

ROSCA THREAD	Descripción Description	REFERENCIA PART N°	€
M10X1	16x1.5	<b>MPL M 10X1 CM</b>	

Otras figuras, consultar//Pour d'autres figures, consultez-nous//For other designs, please consult us//Per altre figure, vi preghiamo di consultarci

### Racor de control rosca BSP (metálico)



Prise de pression BSP (métallique)  
Check coupling BSP (metallic)  
Presse di pressione BSP (metallico)

ROSCA THREAD	Descripción Description	REFERENCIA PART N°	€
1/8" BSP	16x1.5	<b>MPL 1/8 G CM</b>	
1/4" BSP	16x1.5	<b>MPL 1/4 G CM</b>	

Otras figuras, consultar//Pour d'autres figures, consultez-nous//For other designs, please consult us//Per altre figure, vi preghiamo di consultarci

### Racor de control rosca BSP con junta tórica



Prise de pression avec o'ring capuchon plastique  
Check coupling male thread BSP with o'ring  
Presse di pressione BSP con o'ring

ROSCA THREAD	Descripción Description	REFERENCIA PART N°	€
1/8" BSP	16x2	<b>MPR 1/8 C/J</b>	
1/4" BSP	16x2	<b>MPR 1/4 C/J</b>	
3/8" BSP	16x2	<b>MPR 3/8 C/J</b>	
1/2" BSP	16x2	<b>MPR 1/2 C/J</b>	

### Racor de control rosca NPT



Prise de pression NPTF avec capuchon plastique  
Check coupling male thread NPT  
Presse di pressione NPTF

ROSCA THREAD	Descripción Description	REFERENCIA PART N°	€
1/8" NPT	16x2	<b>MPR 1/8 NPT</b>	
1/4" NPT	16x2	<b>MPR 1/4 NPT</b>	
3/8" NPT	16x2	<b>MPR 3/8 NPT</b>	

### Racor de control rosca BSP



Prise de pression avec capuchon plastique  
Check coupling male thread BSP  
Presse di pressione BSP

ROSCA THREAD	Descripción Description	REFERENCIA PART N°	€
1/8" BSP	16x2	<b>MPR 1/8 G</b>	
1/4" BSP	16x2	<b>MPR 1/4 G</b>	
3/8" BSP	16x2	<b>MPR 3/8 G</b>	
1/2" BSP	16x2	<b>MPR 1/2 G</b>	

### Racor de control rosca Métrica DIN 3852



Prise de pression métrique avec capuchon plastique  
Check coupling male metric thread  
Presse di pressione Metrica DIN 3852

ROSCA THREAD	Descripción Description	REFERENCIA PART N°	€
M12X1.5	16x2	<b>MPR M12X1.5</b>	
M14X1.5	16x2	<b>MPR M14X1.5</b>	
M16X1.5	16x2	<b>MPR M16X1.5</b>	

### Racor de control rosca cónica BSPT



Prise de pression BSPT avec capuchon plastique  
Check coupling male BSP tapered  
Presse di pressione conica BSPT

ROSCA THREAD	Descripción Description	REFERENCIA PART N°	€
1/8" BSPT	16x2	<b>MPR 1/8 BSPT</b>	
1/4" BSPT	16x2	<b>MPR 1/4 BSPT</b>	
3/8" BSPT	16x2	<b>MPR 3/8 BSPT</b>	

### Racor de control rosca Métrica (cónica)



Prise de pression métrique avec capuchon plastique  
Check coupling male metric thread  
Presse di pressione Metrica (conica)

ROSCA THREAD	Descripción Description	REFERENCIA PART N°	€
M8X1	16x2	<b>MPR A 8X1</b>	
M10X1	16x2	<b>MPR A 10X1</b>	
M10X1.25	16x2	<b>MPR A 10X1.25</b>	

## Racores de control

Prises de contrôle  
Checking fittings  
Prese di pressione

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

### Racor de control tubular Métrico



Prise de pression avec embout lisse capuchon plastique  
Check coupling male metric tubular  
Presse di pressione con tubolare Metrico

TUBO PIPE	Descripción Description	REFERENCIA PART N°	€
6	16x2	<b>MPR TUB.6</b>	
8	16x2	<b>MPR TUB.8</b>	
10	16x2	<b>MPR TUB.10</b>	
12	16x2	<b>MPR TUB.12</b>	
15	16x2	<b>MPR TUB.15</b>	

### Racor de control rosca BSP con junta tórica (metálico)



Prise de pression BSP avec o'ring (métallique)  
Check coupling BSP with o'ring (metallic)  
Presse di pressione BSP con o-ring (metallico)

ROSCA THREAD	Descripción Description	REFERENCIA PART N°	€
1/8" BSP	16x2	<b>MPR 1/8 C/J CM</b>	
1/4" BSP	16x2	<b>MPR 1/4 C/J CM</b>	

### Racor de control rosca SAE - UNF



Prise de pression filetage SAE/UNF avec capuchon plastique  
Check coupling male thread UNF  
Presse di controllo SAE - UNF

ROSCA THREAD	Descripción Description	REFERENCIA PART N°	€
7/16" 20h UNF	16x2	<b>MPR 7/16 UNF</b>	
1/2" 20h UNF	16x2	<b>MPR 1/2 UNF</b>	
9/16" 18h UNF	16x2	<b>MPR 9/16 UNF</b>	

### Racor de control rosca BSP (metálico)



Prise de pression BSP (métallique)  
Check coupling BSP (metallic)  
Presse di pressione BSP (metallico)

ROSCA THREAD	Descripción Description	REFERENCIA PART N°	€
1/8" BSP	16x2	<b>MPR 1/8 G CM</b>	
1/4" BSP	16x2	<b>MPR 1/4 G CM</b>	

### Racor de control hembra giratoria Métrica con junta (metálico)

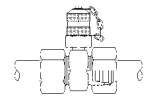


Prise de pression femelle tournante Métrique + o'ring (métallique)  
Check coupling Metric swivel female + o'ring (metallic)  
Presse di pressione femmina girevole Metrica con o'ring

TUBO PIPE	ROSCA THREAD	D. D.	REFERENCIA PART N°	€
6L	M12X1.5	16x2	<b>MPR TLM 6L CM</b>	
8L	M14X1.5	16x2	<b>MPR TLM 8L CM</b>	
10L	M16X1.5	16x2	<b>MPR TLM 10L CM</b>	
12L	M18X1.5	16x2	<b>MPR TLM 12L CM</b>	
15L	M22X1.5	16x2	<b>MPR TLM 15L CM</b>	

Otras medidas, consultar//Pour d'autres dimensions, consultez-nous//For other dimensions, please consult us//Per altre dimensioni, vi preghiamo di consultarci

### Racor de control intermedio (metálico)



Prise de pression intermédiaire (métallique)  
Half-way check coupling (metallic)  
Presse di pressione intermedio (metallico)

TUBO PIPE	Descripción Description	REFERENCIA PART N°	€
6L	16x2	<b>MPR DL 6 CM</b>	
8L	16x2	<b>MPR DL 8 CM</b>	
10L	16x2	<b>MPR DL 10 CM</b>	
12L	16x2	<b>MPR DL 12 CM</b>	
15L	16x2	<b>MPR DL 15 CM</b>	

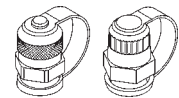
### Racor de control macho Métrico con junta (metálico)



Prise de pression mâle + o'ring (métallique)  
Check coupling metric male + o'ring (metallic)  
Presse di pressione maschio Metrico con o'ring

ROSCA THREAD	Descripción Description	REFERENCIA PART N°	€
M10X1	16x2	<b>MPR M 10X1 CM</b>	
M12X1.5	16x2	<b>MPR M 12X1.5 CM</b>	

### Capuchón protector toma de presión



Capuchon Minimesse  
Protective cap - check coupling for manometer  
Cappuccio di protezione per presa di pressione

CAPUCHON CAPS	REFERENCIA PART N°	€
ACERO	<b>27CA0000</b>	
PLASTICO	<b>28CP0000</b>	

## Racores de control

Prises de contrôle  
Checking fittings  
Prese di pressione

127

### Conex. manómetro-pasatabiques BSP



Prise de pression passe cloison sans capuchon

Check coupling BSP bulkhead for manometer

Raccordo Manometro - passaparete maschio BSP

ROSCA THREAD		REFERENCIA PART N°	€
1/4" BSP	M16x2	<b>MPR PT 1/4 BSP</b>	
1/2" BSP	M16x2	<b>MPR PT 1/2 BSP</b>	

### Conex. manómetro-hembra 90° BSP



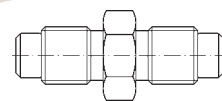
Raccord de contrôle 90° orientable sans capuchon direct à manomètre

Check coupling 90° BSP swivel female for manometer

Raccordo manometro - femmina a 90° BSP

ROSCA THREAD		REFERENCIA PART N°	€
1/4" BSP	M 16x2	<b>MPD 90 1/4 BSP</b>	
1/2" BSP	M 16x2	<b>MPD 90 1/2 BSP</b>	

### Conex. manómetro M-M



Prise de pression manomètre Mâle-Mâle

Male-Male check coupling for manometer

Adattatore M-M presa di pressione per manometro

ROSCA THREAD		REFERENCIA PART N°	€
M16X2	M16X1.5	<b>MPU 16X2</b>	
M16X1.5	M16X1.5	<b>MPU 16X1.5</b>	

### Conex. manómetro - toma de control



Raccord de contrôle direct à manomètre sans capuchon

Check coupling for manometer

Raccordo manometro - presa di pressione

ROSCA THREAD		REFERENCIA PART N°	€
1/4" BSP	M16x2	<b>MPD 1/4 BSP</b>	
1/2" BSP	M16x2	<b>MPD 1/2 BSP</b>	

### Conex. Métrica para manómetros



Prise de contrôle métrique pour manomètre

Metric check coupling for manometer

Presa de pressione metrica per manometro

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
8S	M16X1.5	<b>MPR PT 16X1.5</b>	
10S	M18X1.5	<b>MPR PT 18X1.5</b>	

Hoses

Flexible hose fittings

Stainless steel hoses  
and fittings

Low pressure

Air conditioned hoses  
and fittings

Measuring flow

Machines for  
mounting flexibles

## Tomas de manómetros

Embouts manomètres  
Manometers fittings  
Raccordi per manometri

Hoses

### Mangueras Minimes

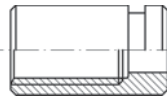


Tuyaux Minimes  
"Micro-Hose" hose  
Micro-tubo per presa di pressione

Ø in	REFERENCIA PART N°	€
2	MT01002	

Flexible hose fittings

### Casquillo manguera Minimes

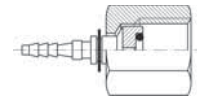


Jupe pour tuyau Minimes  
Micro-hose ferrules  
Boccola per Micro-tubo

DN	Ø ext Ø outer	Ø in	REFERENCIA PART N°	€
2	8	5.1	555010100	

Stainless steel hoses and fittings

### Hembra asiento plano con junta manómetro

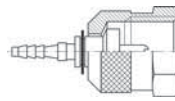


Embout femelle tournante fond plat + o'ring pour manomètre Minimes  
Swivel female flat seat with o'ring for manometer Micro-hose  
Femmina sede piana con o'ring per manometro

DN	ROSCA THREAD	REFERENCIA PART N°	€
2	1/4" BSP	555050404	
2	1/2" BSP	555050808	

Low pressure

### Hembra giratoria de control

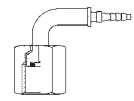


Embout femelle tournante de control Métrique Minimes  
Check Metric swivel female Micro-hose  
Presa di pressione femmina

DN	ROSCA THREAD	REFERENCIA PART N°	€
2	M16X1.5	555069521	
2	M16X2	555069523	

Air conditioned hoses and fittings

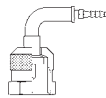
### Codo 90° hembra asiento plano con junta manómetro



Coude 90° prise de pression femelle fond plat avec o'ring  
90° Swivel female flat seat with o'ring for manometer  
Presa di pressione femmina 90° faccia piana con o-ring per manometro

DN	ROSCA THREAD	REFERENCIA PART N°	€
2	1/4" BSP	555150404	

### Codo 90° hembra giratoria de control

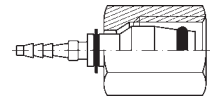


Coude 90° prise de pression femelle tournante  
90° Swivel female check coupling  
Presa di pressione femmina 90° girevole

DN	ROSCA THREAD	REFERENCIA PART N°	€
2	M16X2	555169523	

Measuring flow

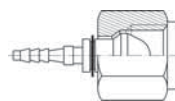
### Hembra giratoria Métrica con junta



Embout femelle tournante Métrique 24° pour raccord de control + o'ring minimes  
Metric swivel female with o'ring  
Femmina Metrica 24° con o'ring

DN	TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
2	6L	M12X1.5	555079510	
2	6S	M14X1.5	555079511	
2	8L	M14X1.5	555079512	
2	8S	M16X1.5	555079523	
2	10L	M16X1.5	555079525	

### Hembra giratoria recta BSP



Embout femelle tournante gaz cyl BSP 60° Minimes  
Straight swivel female BSP 60° cone Micro-hose  
Femmina girevole BSP

DN	ROSCA THREAD	REFERENCIA PART N°	€
2	1/8" BSP	555040202	
2	1/4" BSP	555040404	
2	3/8" BSP	555040606	

Machines for mounting flexibles

### Macho de control



Embout mâle manomètre  
Straight Micro-hose check male  
Presa di pressione maschio

DN	REFERENCIA PART N°	€
2	555030325	

# Tomas de manómetros

Embouts manomètres  
Manometers fittings  
Raccordi per manometri

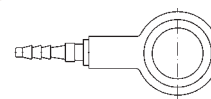
## Espiga lisa Métrica



Embout lisse Métrique Minimes  
Metric standpipe Micro-hose  
Estremità tubolare Metrica

DN	TUBO PIPE	REFERENCIA PART N°	€
2	6	555070600	
2	8	555070800	

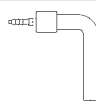
## Orientable Métrico



Embout Banjo Métrique Minimes  
Metric Banjo Micro-hose  
Raccordo ad occhio Metrico

DN	ROSCA THREAD	REFERENCIA PART N°	€
2	M10X1	555081000	

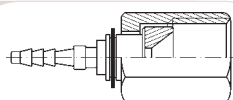
## Espiga a 90° lisa Métrica



Embout lisse coude 90° Métrique Minimes  
90° Metric standpipe Micro-hose  
Estremità tubolare a 90° Metrica

DN	TUBO PIPE	REFERENCIA PART N°	€
2	6	555170600	

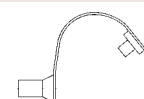
## Hembra giratoria recta JIC 37°



Embout femelle tournante JIC 37° Minimes  
Straight swivel female JIC 37° Micro-hose  
Femmina diritta JIC 37°

DN	ROSCA THREAD	REFERENCIA PART N°	€
2	7/16" 20h UNF	555090700	
2	1/2" 20h UNF	555090800	
2	9/16" 18h UNF	555090900	

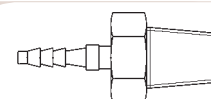
## Protector de polvo



Protecteur de poussière  
Dust protector  
Protezione per polvere

Descripción Description	REFERENCIA PART N°	€
PLASTICS	54000000P	

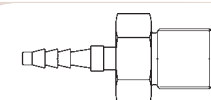
## Macho NPT



Mâle NPT  
Male NPT  
Maschio NPT

DN	ROSCA THREAD	REFERENCIA PART N°	€
2	1/8" NPT	555130200	

## Macho BSP



Mâle BSP  
BSP Male  
Maschio BSP

DN	ROSCA THREAD	REFERENCIA PART N°	€
2	1/8" BSP	555020202	
2	1/4" BSP	555020404	

Hoses

Flexible hose fittings

Stainless steel hoses  
and fittings

Low pressure

Air conditioned hoses  
and fittings

Measuring flow

Machines for  
mounting flexibles

## Manómetros y vacuómetros

Manomètres et vacuomètres  
Manometers and vacuum gauges  
Manometri e vacuometri

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

### Manómetro DN 63 vertical (1/4" BSP)



Manomètre DN 63 sortie verticale (1/4" BSP)

Manometer DN 63 vertical connection with glycerin (1/4" BSP)

Manometro DN 63 radiale a bagno di glicerina (1/4" BSP)

ROSCA THREAD	ESCALA (bar) SCALE (bar)	REFERENCIA PART N°	€
1/4" BSP	0-1	MF16304001V	
1/4" BSP	0-2.5	MF163042.5V	
1/4" BSP	0-4	MF16304004V	
1/4" BSP	0-6	MF16304006V	
1/4" BSP	0-10	MF16304010V	
1/4" BSP	0-12	MF16304012V	
1/4" BSP	0-16	MF16304016V	
1/4" BSP	0-20	MF16304020V	
1/4" BSP	0-25	MF16304025V	
1/4" BSP	0-40	MF16304040V	
1/4" BSP	0-60	MF16304060V	
1/4" BSP	0-100	MF16304100V	
1/4" BSP	0-160	MF16304160V	
1/4" BSP	0-250	MF16304250V	
1/4" BSP	0-315	MF16304315V	
1/4" BSP	0-400	MF16304400V	
1/4" BSP	0-600	MF16304600V	

### Manómetro DN 100 vertical (1/2" BSP)



Manomètre DN 100 sortie verticale (1/2" BSP)

Manometer DN 100 vertical connection with glycerin (1/2" BSP)

Manometro DN 100 radiale a bagno di glicerina (1/2" BSP)

ROSCA THREAD	ESCALA (bar) SCALE (bar)	REFERENCIA PART N°	€
1/2" BSP	0-1	MF110008001V	
1/2" BSP	0-2.5	MF11000802.5V	
1/2" BSP	0-4	MF110008004V	
1/2" BSP	0-6	MF110008006V	
1/2" BSP	0-10	MF110008010V	
1/2" BSP	0-12	MF110008012V	
1/2" BSP	0-16	MF110008016V	
1/2" BSP	0-20	MF110008020V	
1/2" BSP	0-25	MF110008025V	
1/2" BSP	0-40	MF110008040V	
1/2" BSP	0-60	MF110008060V	
1/2" BSP	0-100	MF110008100V	
1/2" BSP	0-160	MF110008160V	
1/2" BSP	0-250	MF110008250V	
1/2" BSP	0-315	MF110008315V	
1/2" BSP	0-400	MF110008400V	
1/2" BSP	0-600	MF110008600V	

### Manómetro DN 100 dorsal (1/2" BSP)



Manomètre DN 100 sortie arrière (1/2" BSP)

Manometer DN 100 rear connection with glycerin (1/2" BSP)

Manometro DN 100 assiale flangiato a bagno di glicerina (1/2" BSP)

ESCALA (bar) SCALE (bar)	REFERENCIA PART N°	€
0-1	MF110008001-DB	
0-2.5	MF1100082.5-DB	
0-4	MF110008004-DB	
0-6	MF110008006-DB	
0-10	MF110008010-DB	
0-16	MF110008016-DB	
0-25	MF110008025-DB	
0-40	MF110008040-DB	
0-60	MF110008060-DB	
0-100	MF110008100-DB	
0-160	MF110008160-DB	
0-250	MF110008250-DB	
0-315	MF110008315-DB	
0-400	MF110008400-DB	
0-600	MF110008600-DB	

### Manómetro DN 63 dorsal (1/4" BSP)



Manomètre DN 63 sortie arrière (1/4" BSP)

Manometer DN 63 rear connection with glycerin (1/4" BSP)

Manometro DN 63 assiale flangiato a bagno di glicerina (1/4" BSP)

ESCALA (bar) SCALE (bar)	REFERENCIA PART N°	€
0-1	MF16304001-DB	
0-2.5	MF163042.5-DB	
0-4	MF16304004-DB	
0-6	MF16304006-DB	
0-10	MF16304010-DB	
0-12	MF16304012-DB	
0-16	MF16304016-DB	
0-20	MF16304020-DB	
0-25	MF16304025-DB	
0-40	MF16304040-DB	
0-60	MF16304060-DB	
0-100	MF16304100-DB	
0-160	MF16304160-DB	
0-250	MF16304250-DB	
0-315	MF16304315-DB	
0-400	MF16304400-DB	
0-600	MF16304600-DB	

### Manómetro de colores dorsal (1/8" BSP)



Manomètre à couleurs sortie arrière (1/8" BSP)

Pressure gauges in colours rear connection (1/8" BSP)

Manometro a colori assiale flangiato (1/8" BSP)

ESCALA (bar) SCALE (bar)	REFERENCIA PART N°	€
0-6	MF1 CO 06	



## Manómetros y vacuómetros

Manomètres et vacuomètres  
Manometers and vacuum gauges  
Manometri e vacuometri

### Vacuómetro DN 63 con glicerina (1/4" BSP)



Vacuomètre DN 63 avec glycerine (1/4" BSP)  
Vacuum gauge DN 63 with glycerin (1/4" BSP)  
Vacuometro DN 63 a bagno di glicerina (1/4" BSP)

ESCALA (bar) SCALE (bar)	REFERENCIA PART N°	€
-1-0	VAC6304-01I	
-76-0	VAC6304-76I	

### Vacuómetro de colores dorsal (1/8" BSP)



Vacuomètre à couleurs sortie arrière (1/8" BSP)  
Vacuum gauges in colours rear connection (1/8" BSP)  
Vacuometro a colori assiale flangiato (1/8" BSP)

ESCALA (bar) SCALE (bar)	REFERENCIA PART N°	€
-1-0	MFI VA 01	

### Maletín dos manómetros + accesorios tipo 1



Coffre 2 manomètres + accessoires type 1  
Check case 2 manometers + accessories type 1  
Valigetta con due manometri + accessori tipo 1

TAMAÑO SIZE	ESCALA (bar) SCALE (bar)	REFERENCIA PART N°	€
320X280X119	0-160; 0-315	CBOX0001	

### Maletín tres manómetros + accesorios tipo 2



Coffre 3 manomètres + accessoires type 2  
Check case 3 manometers + accessories type 2  
Valigetta con tre manometri + accessori tipo 2

TAMAÑO SIZE	ESCALA (bar) SCALE (bar)	REFERENCIA PART N°	€
320x280x119	0-100; 0-250; 0-400	CBOX0002	



2 Manómetros 1/4	0-160 0-315
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 CAPUCHON ACERO	
1 MPD 90 1/4 BSP	
1 LATIGUILLO MINIMEX TL-TL 16X2 1.5 MTS	



3 Manómetros	0-100 0-250 0-400
1 MPR 1/4 C/J	1 MPR 7/16 UNF
1 MPR 3/8 C/J	1 MPR 9/16 UNF
1 MPR 1/4 NPT	1 MPR TLM 122 CM
1 MPR A 10X1	1 MPR 3/8 NPT
1 MPD 1/4 BSP	
1 MPD 1/2 BSP	
1 CAPUCHON ACERO	
1 MPR PT 1/4 BSP	
1 LATIGUILLO MINIMEX 1000 mm TL-TL 16X2	
1 LATIGUILLO MINIMEX 2000 mm TL-TL 16X2	

## Medidores de caudal

Débitmètres  
Flow tester  
Indicatori di flusso

Hoses

### Caudalímetro 250 bar Tipo 3 - 1/2"



Débitmètre 250 bar type 3-1/2"  
Flow tester type 3-1/2"  
Flussostato 250 bar tipo 3-1/2"

Escala (l/min) Scale (l/min)	REFERENCIA PART N°	€
0-56	WPB3A6HT15	

### Caudalímetro 250 bar Tipo 5 - 1 1/2"



Débitmètre 250 bar type 5-1 1/2"  
Flow tester type 5-1 1/2"  
Flussostato 250 bar tipo 5-1 1/2"

Escala (l/min) Scale (l/min)	REFERENCIA PART N°	€
0-550	WPB5A6HY99	

Flexible hose fittings

### Caudalímetro 250 bar Tipo 4 - 1"



Débitmètre 250 bar type 4-1"  
Flow tester type 4-1"  
Flussostato 250 bar tipo 4-1"

Escala (l/min) Scale (l/min)	REFERENCIA PART N°	€
0-150	WPB4A6HV40	

Stainless steel hoses and fittings

### Caudalímetro 400 bar Tipo 57



Débitmètre 400 bar Type 57  
Flow tester 400 bar Type 57  
Flussostato 400 bar Tipo 57

Escala (l/min) Scale (l/min)	REFERENCIA PART N°	€
2-30	FT5758-01	
2-60	FT5758-02	
4-120	FT5758-03	

Low pressure

### Caudalímetro 300 bar Tipo 60



Débitmètre 300 bar Type 60  
Flow tester 300 bar Type 60  
Flussostato 300 bar Tipo 60

Escala (l/min) Scale (l/min)	REFERENCIA PART N°	€
10-200	FT6068-01	
20-400	FT6068-03	

Air conditioned hoses and fittings

### Caudalímetro 400 bar - con caja



Débitmètre 400 bar avec boîte  
Flow tester 400 bar with box  
Flussostato 400 bar con cassa

Escala (l/min) Scale (l/min)	REFERENCIA PART N°	€
4-120	FT5594-03	
10-180	FT5594-09	

Measuring flow

### Foto-tacómetro



Photo-tachymètre  
Photo-tachometer  
Foto-tachimetro

Descripción Description	REFERENCIA PART N°	€
Photo-tachometer	DT2238	

Machines for mounting flexibles

## Tomas de presión para circuitos ya existentes

Prises de pression pour circuits | Measuring connectors for assembled installations  
Presa di pressione per circuiti già esistenti

**Toma de manómetro SC1 para instalación en tubos con presión** | Prise de pression SC1 pour tubes à pression | Measuring connector SC1 for mounting on pressurized pipes | Porta manometro SC1 per installazione su tubi pressione



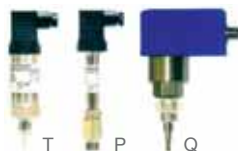
Referencia Référence Part number Codice	Ø Ext. (mm)	Presión máx. Pression max. Max. pressure Pressione max. (Bar)	€
SC1A10	10	630	
SC1A12	12	630	
SC1A14	14	630	
SC1A15	15	630	
SC1A16	16	630	
SC1A18	18	630	
SC1A20	20	630	
SC1A22	22	630	
SC1A25	25	630	
SC1A28	28	630	
SC1A30	30	630	
SC1A35	35	630	
SC1A38	38	630	
SC1A42	42	630	

**Toma de manómetro SC2 para instalación en tubos sin presión** | Prise de pression SC2 pour tubes sans pression | Measuring connector SC2 for mounting on non-pressurized pipes | Porta manometro SC2 per installazione su tubi senza pressione



Referencia Référence Part number Codice	Ø Ext. (mm)	Presión máx. Pression max. Max. pressure Pressione max. (Bar)	€
SC2A10	10	630	
SC2A12	12	630	
SC2A14	14	630	
SC2A15	15	630	
SC2A16	16	630	
SC2A18	18	630	
SC2A20	20	630	
SC2A22	22	630	
SC2A25	25	630	
SC2A28	28	630	
SC2A30	30	630	
SC2A35	35	630	
SC2A38	38	630	
SC2A42	42	630	

### Sensores | Capteurs | Sensors | Sensori



Referencia Référence Part number Codice	Descripción Description Description Descrizione	Presión máx. Pression max. Max. pressure Pressione max. (Bar)	€
TS1A1203/8	Sensor temperatura para SC2 Capteur de temperature pour SC2 Temperature sensor suitable for SC2 Sensore di temperatura	630	
DS1A4001/4	Sensor presión para SC1 Capteur de temperature pour SC1 Pressure sensor suitable for SC1 Sensore di pressione per SC1	630	
DS1A4003/8	Sensor presión para SC2 Capteur de pression pour SC2 Pressure sensor suitable for SC2 Sensore di pressione per SC2	630	
QS2B0083/8	Sensor de caudal para SC2 * <i>Calibración, consultar</i> Capteur de flux pour SC2 * <i>Calibrage, consulter</i> Flow rate sensor suitable for SCS * <i>Calibration service, on request</i> Sensore di portata per SC2 * <i>Regolazione a richiesta</i>	630	

**Maletín servicios hidráulicos** | Coffret pour services hydrauliques | Hydraulic services suitcase | Valigetta servizi idraulici



Referencia Référence Part number Codice	Contenido Contenu Contents Contenuto	€
MSC01	8 x SC1	
MSC02	8 x SC2	
MSC03	3 x SC1 + 3 x SC2 2 x sensores DS/TS	

**Kit de medida con indicador digital (2 inputs analógicos)** | Kit de mesure avec indicateur numérique (2 intrants analogique) | Measurement kit with digital gauge | Kit di misurazione con indicatore digitale (2 entrate analogiche)



Referencia Référence Part number Codice	€
FM1B	



7

# Máquinas para flexibles. Prensas manuales

Machines pour flexibles. Presses manuelles | Machines for flexibles. Manual crimping machines | Macchine per tubi flessibili. Presse manuale

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

V001040



PHM2 12 (3/4" R2) - PHM2 16 (1" R2)



PEA 16 (1" R2)



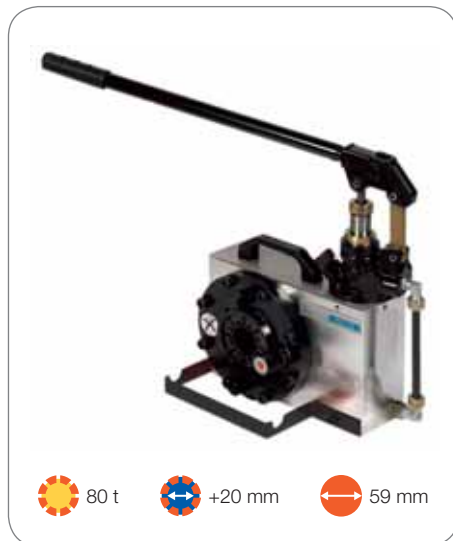
SM2



S2P



PM18



# Máquinas para flexibles. Prensas horizontales sobre mesa

Machines pour flexibles. Presses horizontales avec support | Machines for flexibles. Horizontal crimping machines with support | Macchine per tubi flessibili. Presse orizzontale sul tavolo

▶ **SE 28 (1" 1/4 4SP)**



137 t +28 mm 100 mm

▶ **PE 28 (1" 1/4 4SP)**



137 t +28 mm 100 mm

▶ **PE 32 (1" 1/4 4SP)**



207 t +38 mm 118 mm

▶ **PE 38 (2" 4 SP)**



240 t +38 mm 118 mm

▶ **PE 58 (2" 6 SP)**



350 t +54 mm 180 mm

▶ **SPEBDEG**



▶ **HM 220 (1" 1/4 4SP)**



140 t +35 mm 105 mm

▶ **PES 58 (1" 1/4 4SP)**



240 t +54 mm 180 mm

▶ **PES 50 (2" 4SP)**



280 t +70 mm 197 mm

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles



# Máquinas para flexibles. Prensas horizontales

Machines pour flexibles. Presses horizontales | Machines for flexibles. Horizontal crimping machines | Macchine per tubi flessibili. Presse orizzontale

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

► PES 125 (3" 6SP)



► PESO 320 (6")



► PE 280 (6")



► Taller móvil para montaje de latiguillos | Atelier mobile pour montage des flexibles | Mobile workshop for hose assembly | Officina mobile per raccordatura tubi



► PE 28 12VDC / PE 38 12VDC



► CHMT 20



► Batería | Batterie | Battery | Batteria





# Máquinas para flexibles. Cortadoras

Machines pour flexibles. Tronçonneuse | Machines for flexibles. Cutting machines | Macchine per tubi flessibili. Taglierine

▶ **CHMT-20 (1" 1/4 4SP)**



▶ **CHM4-32D (2" 4SP)**



▶ **TS 50 (2" 6SP) / TS 75 (3" 6SP)**



▶ **MN500SW (hasta 1" 1/2)**



▶ **MN450 (hasta 3/4")**



▶ **CON 125 / CON 320**



▶ **UC34**



Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

# Máquinas para flexibles. Otras máquinas

Machines pour flexibles. Différentes machines | Machines for flexibles. Other machines | Macchine per tubi flessibili. Altre macchine

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

▶ **Banco de pruebas BE 1500 / BE 2500** | Banc d'essai BE 1500 / BE 2500  
Testing bench BE 1500 / BE 2500 | Banco de prova BE 1500 / BE 2500



Opcional | Optionnel |  
Optional | Opzionale

▶ **Marcadora MMT** | Machine de marquage  
Marking machine | Marcatrice



▶ **Marcadora MNT 50** | Machine de marquage  
Marking machine | Marcatrice



▶ **PEP 158**



☀ 102 t    ⚙ +28 mm    ⚙ 156 mm

▶ **Banco limpieza RG1** | Banque de nettoyage  
Cleaning bench | Banca per la pulizia



▶ **Carro de limpieza portátil RG2**  
Machine de nettoyage portable  
Portable cleaning machine  
Banca per la pulizia portabile

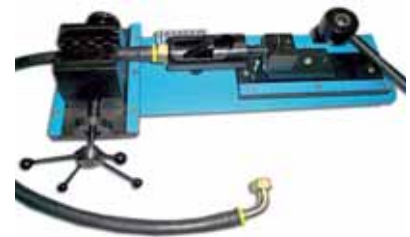


▶ **Mesa soldadura**  
Table de soudure  
Welding table  
Tavolo di saldatura



Ø int. max. 165 mm

▶ **IRT50**



# Máquinas para flexibles. Accesorios para prensas

Machines pour flexibles. Accessoires pour machines à sertir | Machines for flexibles. Accessories for crimping machines | Macchine per tubi flessibili. Accessori per presse

▶ **EG**



▶ **CME**



▶ **Garras especiales | Mors spécial  
Special gags | Morssetti speciale**



▶ **Computer**



▶ **Tope trasero | Butée arrière  
Back stop | Fermata posteriore**



▶ **EXL**



▶ **Portarrollos | Porte-Rouleaux  
Roll-Holder | Portarotoli**



**Opcional | Optionnel | Optional | Opzionale**

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles

# Peladoras

Denudeuses | Skive machines | Spellatubi

Hoses

Flexible hose fittings

Stainless steel hoses and fittings

Low pressure

Air conditioned hoses and fittings

Measuring flow

Machines for mounting flexibles



## PBC-32

**Peladora con mueble hasta 2". Opción estándar** | Skiving machine up to 2", standard option



## PBCM-32

**Peladora con mueble. Opción MS** | Skiving machine, MS option



Capacidad pelado exterior   External skiving	2"
Capacidad pelado interior   Internal skiving	2"
R.P.M.   R.P.M.	300
Alimentación neumática   Pneumatic input	Máx. 7 Bar
Potencia motor   Engine power	0,75 KW

## Opcional | Optionnel | Optional | Opzionale

**Mordaza neumática** | Pneumatic clamp



**Portaherramientas** | Tool holder



**Mueble portaherramientas** | Tool holder cabinet



## PB-32

**Peladora sin mueble hasta 2"** | Skiving machine up to 2"



Capacidad pelado exterior   External skiving	2"
Capacidad pelado interior   Internal skiving	2"
R.P.M.   R.P.M.	300
Potencia motor   Engine power	0,75 KW

**Portaherramientas (opcional)** | Tool holder (optional)



**Otras máquinas: consultar** | Autres machines, sur demande | Other machines, on request | Altre macchine, sur richiesta



PMT2



PBCMU-32

## Tubería rígida

Tube rigide  
Pipe  
Tubo rígido

1

## Racores DIN 2353

Raccords à bague DIN 2353  
DIN 2353 Pipe Fittings  
Raccordi ad anello DIN 2353

2

## Racores para tubo gas

Raccords tube gaz  
Gas tube fittings  
Raccordi per tubo gas

3

## Racores JIC 37°

Raccords JIC 37°  
JIC 37° fittings  
Raccordi JIC 37°

4

## Bridas SAE

Brides de fixation SAE  
SAE Flanges  
Flange SAE

5

## Abrazaderas

Colliers  
Clamps  
Collari fissatubo

6

## Máquinas para procesar el tubo rígido

Machines pour travailler le tube rigide  
Machines for processing rigid pipes  
Macchine per il trattamento del tubo rígido

7

Tubería rígida

Tube rigide

Pipe

Tubo rigido



Tubo rígido EN 10305-4 (métrico) **TrΔle®**

Tube rigide EN 10305-4 (Métrique) TrΔle® | Pipe EN 10305-4 (Metric) TrΔle® |  
Tubo rígido EN 10305-4 (metrico) TrΔle®

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# Tubo rígido EN 10305-4 (métrico) **TrΔle®**

Tube rigide EN 10305-4 (Métrique) TrΔle® | Pipe EN 10305-4 (Metric) TrΔle® | Tubo rígido EN 10305-4 (metrico) TrΔle®

► **Tubo rígido EN 10305-4 (métrico)** | Tube rigide EN 10305-4 (Métrique) | Pipe EN 10305-4 (Metric) | Tubo rígido EN 10305-4 (metrico)



TH0



THZ



## Tubo rígido EN 10305-4 (métrico) TrΔle®

Tube rigide EN 10305-4 (Métrique) TrΔle®

Pipe EN 10305-4 (Metric) TrΔle®

Tubo rigido EN 10305-4 (metrico) TrΔle®

### Tubo ST-35 (standard)



#### Tube rigide ST-35 (standard)

##### Pipe ST-35 (standard)

#### Tubo rigido ST-35 (standard)

Ø ext Ø outer	Ø in	Pr.Trabajo (bar) WP (bar)	Kg/m	REFERENCIA PART N°	€
6	4	325	0,123	TH0060100	
8	6	225	0,172	TH0080100	
8	5	375	0,24	TH0080150	
10	7	275	0,314	TH0100150	
12	9	225	0,388	TH0120150	
14	10	275	0,591	TH0140200	
15	12	175	0,499	TH0150150	
16	12	225	0,69	TH0160200	
16	11	300	0,832	TH0160250	
18	14	200	0,789	TH0180200	
20	14	275	1,257	TH0200300	
22	18	150	0,986	TH0220200	
25	19	225	1,627	TH0250300	
28	24	125	1,282	TH0280200	
30	24	175	1,997	TH0300300	
35	29	150	2,367	TH0350300	
38	28	250	4,068	TH0380500	
42	36	125	2,885	TH0420300	

### Tubo ST-37.2 (Cromo III)



#### Tube rigide ST-37.2 (Chrome III)

##### Pipe ST-37.2 (Chromium III)

#### Tubo rigido ST-37.2 (Cromo III)

Ø ext Ø outer	Ø in	Pr.Trabajo (bar) WP (bar)	Kg/m	REFERENCIA PART N°	€
38	30			THZ380400	
6	4	325	0,123	THZ060100	
8	6	225	0,172	THZ080100	
8	5	375	0,240	THZ080150	
10	7	275	0,314	THZ100150	
12	9	225	0,388	THZ120150	
14	10	275	0,591	THZ140200	
15	12	175	0,499	THZ150150	
15	11	250	0,641	THZ150200	
16	12	225	0,690	THZ160200	
18	15	150	0,610	THZ180150	
18	14	200	0,789	THZ180200	
20	14	275	1,257	THZ200300	
22	18	150	0,986	THZ220200	
25	19	225	1,627	THZ250300	
28	24	125	1,282	THZ280200	
30	22	250	2,564	THZ300400	
35	29	150	2,367	THZ350300	
42	36	125	2,885	THZ420300	

**Maleabilidad: Muy buena** | Malléabilité: Très bonne | Malleability: Very good | Malleabilità: Molto buona

**Soldadilidad: Muy buena** | Soudure: Très bonne | Welding: Very good | Soldabilità: Molto buona

**Resistencia a la tracción: 35/45 kg. mm<sup>2</sup>** | Résistance à la traction: 35/45 Kg. mm<sup>2</sup> | Resistant to traction: 35/45 Kg. mm<sup>2</sup> | Resistenza alla trazione: 35/45 Kg. mm<sup>2</sup>

**Alargamiento: Mín. 25%** | Prolongement: Min. 25% | Prolongation: Min. 25% | Allungamento: Min. 25%

**Análisis** | Analyse | Analysis | Analisi:

- **Carbono: Máx. 0,18%** | Carbone: Max. 0,18% | Carbon: Max. 0,18% | Carbonio: Max. 0,18%
- **Fósforo: Máx. 0,05%** | Phosphore: Máx. 0,05% | Phosphorus: Max. 0,05% | Fosforo: Max. 0,05%
- **Azufre: Máx. 0,05%** | Soufre: Max. 0,05% | Sulphur: Max. 0,05% | Zolfo: Max 0,05%

**Tubos de precisión en acero sin soldadura, calibrados interior y exteriormente por estirado en frío, de acuerdo con la norma EN10305-4 y en la calidad de acero St. 35. Suministrados en acabado NBK (normalizado en horno de atmósfera controlada), probados unitariamente a presión hidráulica, o bien, por corriente de Foucault y en largos comerciales de 3 a 7 m.** | Tubes de précision de circuit de soudure, en acier doux, alésage en l'intérieur et l'extérieur par être étirés à froid suivant norme EN10305-4 en la qualité d'acier St 35. Tube recuit en atmosphère neutre, parfait NBK. Tous les tubes subissent un contrôle systématique non destructif au courant de Foucault et un contrôle visuel sur table de l'aspect extérieur du tube. La commercialisation des tubes est en longueurs de 3 à 7 mètres. | Precision pipes in carbon steel without welding, internal and external calibration by cold stretch, according to norm EN10305-4 and in carbon quality ST. 35. Finished in NBK (normalized in controlled atmosphere furnace). Tested to hydraulic pressure one by one, or, by Foucault current and in commercial lengths from 3 to 7 M. | Tubo di precisione in acciaio senza saldatura, calibrato internamente e esternamente, trafilato a freddo secondo normativa EN10305-4 e qualità acciaio ST-35. Ricottura in NBK (normalizzato a forno in atmosfera controllata). Testato alla pressione idraulica al 100%, a vista ed a corrente di Foucault, in verge commerciali da 3 a 7 mt.

**(1) Presión de trabajo: Presión máxima de utilización recomendada, teniendo en cuenta que la presión de estallido es aproximadamente cuatro veces la presión indicada en la tabla.** | (1) Pression de travail: C'est la pression maximum de travail conseillée, en prenant en compte le fait que la pression d'éclatement c'est 4 fois la pression indiquée au tableau | (1) Working pressure: Suggested working pressure, taking into account that burst pressure is 4 times the indicated working pressure in the table | (1) Pressione di lavoro: pressione massima di utilizzo raccomandata, tenendo in considerazione che la pressione di scoppio è circa quattro volte la pressione indicata nella tabella.

# Racores DIN 2353

Raccords à bague DIN 2353

**DIN 2353 Pipe Fittings**

Raccordi ad anello DIN 2353



Racores DIN 2353	154
Raccords à bague DIN 2353   DIN 2353 Pipe fittings   Raccordi ad anello DIN 2353	
Racores DIN 2353 CrIII	156
Raccords à bague DIN 2353 CrIII   DIN 2353 Pipe fittings CrIII   Raccordi ad anello DIN 2353 CrIII	

# Racores DIN 2353

Raccords à bague DIN 2353 | DIN 2353 Pipe fittings | Raccordi DIN 2353

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

JIC 37° fittings

SAE Flanges

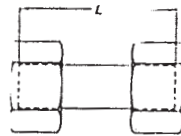
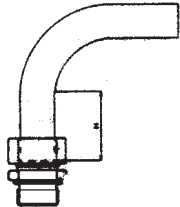
Clamps

Machines for processing rigid pipes

**Instrucciones de montaje del racor DIN 2353 sobre el tubo rígido (se recomienda el uso de herramientas de premontaje)**  
 | Mode d'emploi de montage du raccord DIN 2353 sur le tube rigide (L'utilisation des outils de pré-montage est conseillée) |  
**Assembly of the pipe fittings DIN 2353 in the rigid pipe (It is recommended to use pre-assembly tools)** | **Assemblaggio del**  
**raccordo ad anello DIN 2353 nel tubo rigido (è si consiglia l'uso degli utensili di premontaggio)**

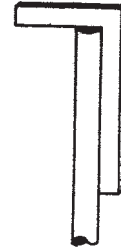
**A. Preparación del tubo | Préparation du tube | Preparation of the tube | Preparazione del tubo**

**Altura mínima (H)**  
 | Hauteur minimale (H) | Minimum Height (H) | Minima lunghezza diritta (H)



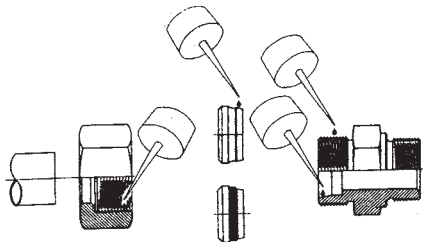
**Longitud mínima (L)**  
 | Longueur minimale (L) | Minimum Length (L) | Minima lunghezza (L)

<b>Series</b>	LL	L	S
<b>Ø ext. tube</b>	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 min</b>	LL 24-25-25-26	L 31-31-33-33-36-38-42-42-48-48	S 35-35-37-37-43-43-50-54-58-65
<b>L min</b>	LL 30-32-32-33	L 39-39-42-42-45-48-53-53-60-60	S 44-44-47-47-54-54-63-68-73-82

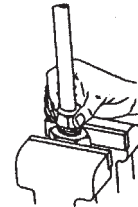


**Cortar el tubo a escuadra y eliminar rebabas** | Couper le tube à angle droit sans coupes imprécises | Rectangularly saw off the pipe and slightly debug the tube ends inside and outside | Tagliare il tubo ad angolo retto ed eliminare i residui metallici

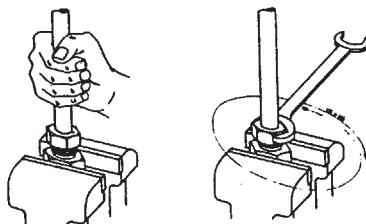
**B. Lubricar adecuadamente | Lubrifier convenablement | Lubricate suitably | Lubrificare convenientemente**



**C. Montaje | Montage | Assembly | Montaggio**



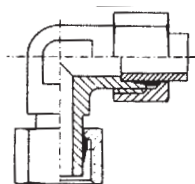
**D. Apriete | Blockage | Blocking | Bloccaggio**



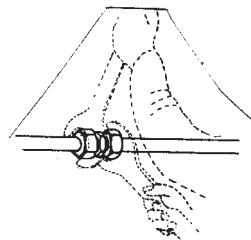
**E. Control | Control | Control | Controllo**



**F. Montaje final | Montage final | Final assembly | Montaggio finale**



**G. Montajes posteriores | Montages posterieurs | Later assemblies | 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** | 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. | 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. | 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.

► Una solución eficaz, económica y sencilla para prevenir el goteo en las conducciones de tubo rígido

Une solution efficace, économique et simple pour prévenir les fuites dans les émbouts pour tube rigide | An effective, cheap and simple solution to prevent the leak in pipe fittings | Una soluzione efficace, economica e semplice per prevenire perdite dai raccordi per tubo rigido



- **Óptima prevención de fugas**
- **Larga durabilidad**
- **Fácil montaje, revisión y sustitución**
- **Protección antivibraciones**
- **Excelente resistencia a altas temperaturas y fluidos agresivos**

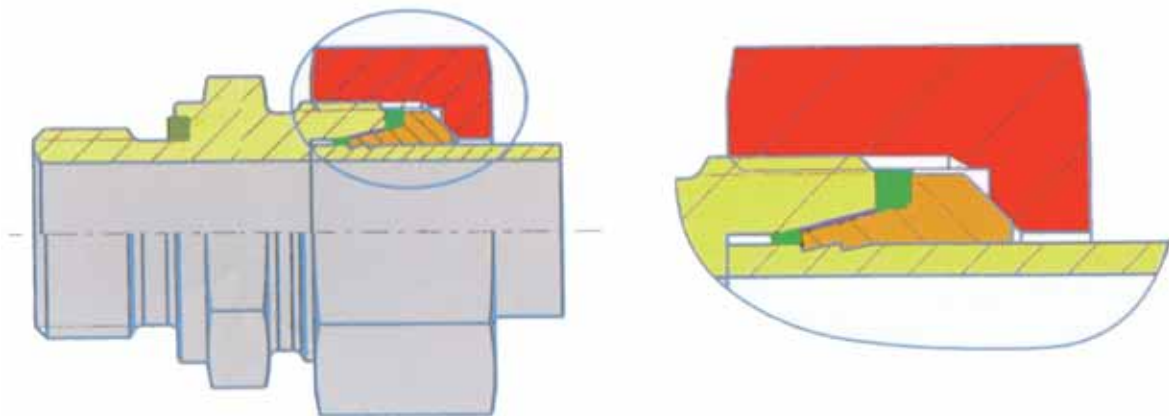
- Bonne prévention de fuites
- Longue durée
- Facile montage, inspection et substitution
- Protection Anti-vibration
- Excellente resistance aux hautes temperatures et fluides agressifs

- Good leakage prevention
- Long shelf life
- Easy assembly, inspection, replacement
- Anti-vibration and unscrewing protection
- Excellent resistance to high temperatures and aggressive fluids

- Buona prevenzione delle perdite
- Lunga durata
- Facile montaggio, ispezione e sostituzione
- Antivibrazione e protezione allo svitamento
- Eccellente resistenza alle alte temperature e fluidi aggressivi

**Información técnica** | Information technique | Technical data | Informazione tecnica

Material   Matériel   Material   Materiale	Vitón verde   Viton vert 70/80 sh   Green viton 70/80 sh   Viton verde
Temperatura   Temperature   Temperature   Temperatura	-35°C + 100°C
Durabilidad   Durée   Self life   Durata	5 años   5 an   5 year   5 anni



## Racores DIN 2353

Raccords à bague DIN 2353 | DIN 2353 Pipe fittings | Raccordi ad anello DIN 2353

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

JIC 37° fittings

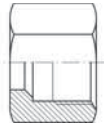
SAE Flanges

Clamps

Machines for processing rigid pipes

### Tuercas y anillos | Écrou et bagues | Nuts and cutting rings | Dadi e anelli

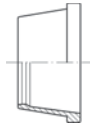
159



ML/MS



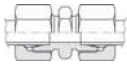
ACL/ACS



VA

### Uniones tubo-tubo | Unions doubles | Straight couplings | Raccordi intermedi

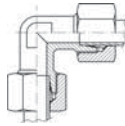
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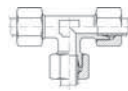
DL/DS



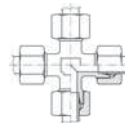
DL/DS



EL/ES



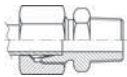
TL/TS



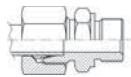
KVL/KVS

### Uniones rectas tubo-rosca | Unions simples mâle | Straight male stud couplings | Raccordi di estremità dritti

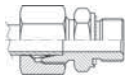
162



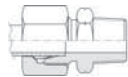
AKL/AKS BSPT



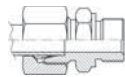
AL/AS BSP



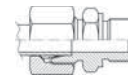
AL/AS WD BSP



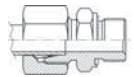
AKL/AKS NPT



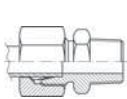
AL/AS UNF



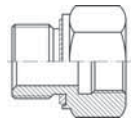
AL/AS METRICA



AL/AS WD METRICA



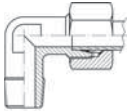
AKLL METRICA



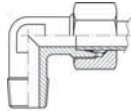
RI-R WD

### Codos tubo-rosca | Coudes mâle gaz | Male stud elbows | Raccordi di estremità a 90°

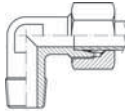
166



CKL/CKS BSPT



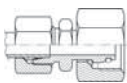
CKL/CKS METRICA



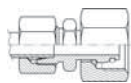
CKL/CKS NPT

### Uniones Métricas | Unions Métriques | Metric unions | Raccordi di riduzione (Metrici)

167



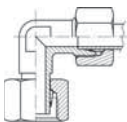
KORL-TLM



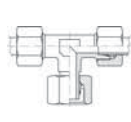
KORS-TLM

### Racores regulables | Raccords réglables | Adjustable stud couplings | Raccordi orientabili

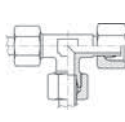
168



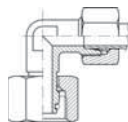
EEL/EES-CTA



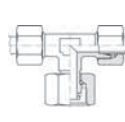
TEL/ES-CTA



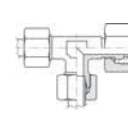
LEL/LES-CTA



EEL/EES-TLM



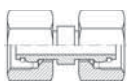
TEL/ES-TLM



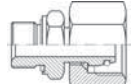
LEL/LES-TLM

### Tubo roscado (hembra giratoria) | Tube fileté | Adjustable straight stud | Raccordi di estremità per combinazioni

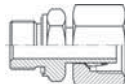
169



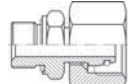
ATL/ATS



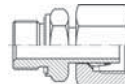
RAL/RAS-TLM METRICA



RAL/RAS-CTA METRICA

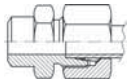


RAL/RAS-TLM BSP

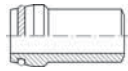


RAL/RAS-CTA BSP

► **Soldables** | Raccords à souder | Welding couplings | Raccordi a saldare 171



ASL/ASS



ORIS

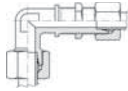


ESVL/ESVS

► **Pasatabiques** | Passe cloison | Bulkhead | Raccordi di attraversamento 172

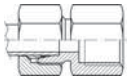


SVL/SVS

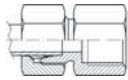


USVL/USVS

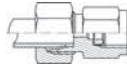
► **Racor recto hembra** | Raccord droit femelle | Straight female coupling | Raccordi diritti con estremità femmina 173



GAIL/GAIS BSP



GAIL/GAIS METRICA

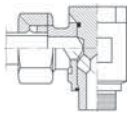


MAVL/MAVS BSP



AM

► **Orientables** | Banjos | Banjos | Raccordi orientabili a occhio 174

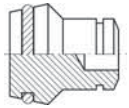


WSVL/WSVS BSP

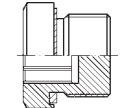


WSVL/WSVS METRICA

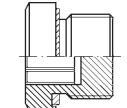
► **Tapones** | Bouchons | Plugs | Tappi 175



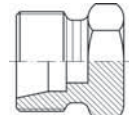
BUTZEN L/S



STOPFEN BSP



STOPFEN METRICA

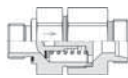


STA TML/TMS

► **Válvulas antirretorno** | Clapet antiretour pour tube | Non-return valves | Valvole di ritegno 176



RHDL/RHDS  
BIDIRECCIONAL



RHVL/RHVS <=>



RHZL/RHZS =>

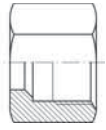
## Racores DIN 2353 **CrIII**

Raccords à bague DIN 2353 **CrIII** | DIN 2353 Pipe fittings **CrIII** | Raccordi ad anello DIN 2353 **CrIII**

Pipe

### ▶ **Tuercas y anillos** | Écrou et bagues | Nuts and cutting rings | Dadi e anelli

178



B ML/MS

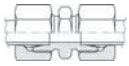


B ACL/ACS

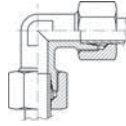
DIN 2353 Pipe Fittings

### ▶ **Uniones tubo-tubo** | Unions doubles | Straight couplings | Raccordi intermedi

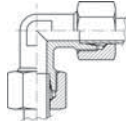
178



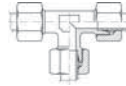
B DL/DS



B DL/DS



B EL/ES



B TL/TS

Gas tube fittings

### ▶ **Uniones rectas tubo-roscas** | Unions simples mâle | Straight male stud couplings | Raccordi di estremità dritti

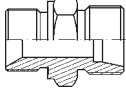
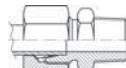
180



B AL/AS BSP



B AL/AS WD BSP

B STA AL RC/AS  
RC BSP

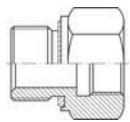
B AKL/AKS BSPT



B AKL/AKS NPT



B AL M WD

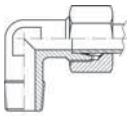


B RI-R WD

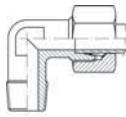
JIC 37° fittings

### ▶ **Codos tubo-roscas** | Coudes mâle gaz | Male stud elbows | Raccordi di estremità a 90°

182



B CKL/CKS BSPT

B STA CKL/CKS  
NPT

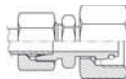
SAE Flanges

### ▶ **Uniones Métricas** | Unions Métriques | Metric unions | Raccordi di riduzione (Metrici)

182



B KORL TLM

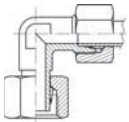


B KORS TLM

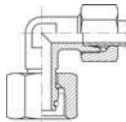
Clamps

### ▶ **Racores regulables** | Raccords réglables | Adjustable stud couplings | Raccordi orientabili

183



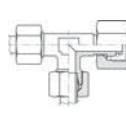
B EEL/EES CTA



B EEL/EES TLM



B TEL/TES TLM

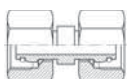


B LEL/LES TLM

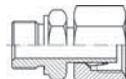
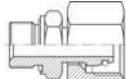
Machines for processing rigid pipes

### ▶ **Tubo roscado (hembra giratoria)** | Tube fileté | Adjustable straight stud | Raccordi di estremità per combinazioni

184

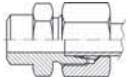


B ATL

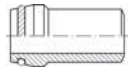
B RAL/B RAS-  
CTA BSPB RAL/B RAS-  
TLM BSP



► **Soldables** | Raccords à souder | Welding couplings | Raccordi a saldare 185



B ASL/ASS

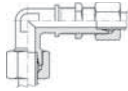


B ORIS

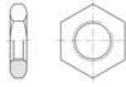
► **Pasatabiques** | Passe cloison | Bulkhead | Raccordi di attraversamento 185



B SVL/SVS

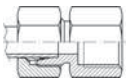


B USVL/USVS

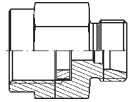


B TP L/S

► **Racor recto hembra** | Raccord droit femelle | Straight female coupling | Raccordi diritti con estremità femmina 186



B GAIL/GAIS

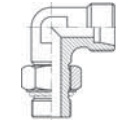


B STA MAVL

► **Orientables** | Banjos | Banjos | Raccordi orientabili a occhio 186

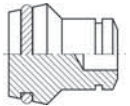


B WSVL/WSVS

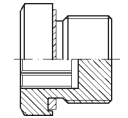


STA WEE

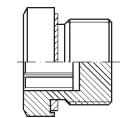
► **Tapones** | Bouchons | Plugs | Tappi 187



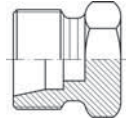
B BUTZEN L/S



B STOPFEN BSP



B STOPFEN METRICA



B STA TML/TMS



## Tuerca Métrica DIN 3870



### Écrou Métrique DIN 3870

#### Nuts DIN 3870

#### Dadi Metrici DIN 3870

TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
4	LL	M8x1	<b>MLL 4 M 8X1</b>	
6	LL	M10x1	<b>MLL 6 M 10X1</b>	
8	LL	M12x1	<b>MLL 8 M 12X1</b>	
6	L	M12x1,5	<b>ML 6 M 12X1.5</b>	
8	L	M14x1,5	<b>ML 8 M 14X1.5</b>	
10	L	M16x1,5	<b>ML 10 M 16X1.5</b>	
12	L	M18x1,5	<b>ML 12 M 18X1.5</b>	
15	L	M22x1,5	<b>ML 15 M 22X1.5</b>	
18	L	M26x1,5	<b>ML 18 M 26X1.5</b>	
22	L	M30x2	<b>ML 22 M 30X2</b>	
28	L	M36x2	<b>ML 28 M 36X2</b>	
35	L	M45x2	<b>ML 35 M 45X2</b>	
42	L	M52x2	<b>ML 42 M 52X2</b>	
6	S	M14x1,5	<b>MS 6 M 14X1.5</b>	
8	S	M16x1,5	<b>MS 8 M 16X1.5</b>	
10	S	M18x1,5	<b>MS 10 M 18X1.5</b>	
12	S	M20x1,5	<b>MS 12 M 20X1.5</b>	
14	S	M22x1,5	<b>MS 14 M 22X1.5</b>	
16	S	M24x1,5	<b>MS 16 M 24X1.5</b>	
20	S	M30x2	<b>MS 20 M 30X2</b>	
25	S	M36x2	<b>MS 25 M 36X2</b>	
30	S	M42x2	<b>MS 30 M 42X2</b>	
38	S	M52x2	<b>MS 38 M 52X2</b>	

## Anillos de corte DIN 3861



### Bague Métrique DIN 3861

#### Cutting rings DIN 3861

#### Anelli DIN 3861

TUBO PIPE	SERIE	REFERENCIA PART N°	€
4	LL	<b>ACLL 4</b>	
6	LL	<b>ACLL 6</b>	
8	LL	<b>ACLL 8</b>	
6	L/S	<b>ACL 6</b>	
8	L/S	<b>ACL 8</b>	
10	L/S	<b>ACL 10</b>	
12	L/S	<b>ACL 12</b>	
15	L	<b>ACL 15</b>	
18	L	<b>ACL 18</b>	
22	L	<b>ACL 22</b>	
28	L	<b>ACL 28</b>	
35	L	<b>ACL 35</b>	
42	L	<b>ACL 42</b>	
14	S	<b>ACS 14</b>	
16	S	<b>ACS 16</b>	
20	S	<b>ACS 20</b>	
25	S	<b>ACS 25</b>	
30	S	<b>ACS 30</b>	
38	S	<b>ACS 38</b>	

## Anillo FKM antifuga



### Joint FKM anti-fouet

#### FKM seal non-leak

#### Anello FKM anti-fuga

TUBO PIPE	SERIE	REFERENCIA PART N°	€
6	L/S	<b>VA006L</b>	
8	L/S	<b>VA008L</b>	
10	L/S	<b>VA010L</b>	
12	L/S	<b>VA012L</b>	
15	L	<b>VA015L</b>	
18	L	<b>VA018L</b>	
22	L	<b>VA022L</b>	
28	L	<b>VA028L</b>	
35	L	<b>VA035L</b>	
42	L	<b>VA042L</b>	
14	S	<b>VA014S</b>	
16	S	<b>VA016S</b>	
20	S	<b>VA020S</b>	
25	S	<b>VA025S</b>	
30	S	<b>VA030S</b>	
38	S	<b>VA038S</b>	

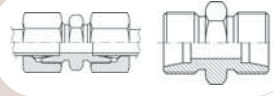
Por razones logísticas y de producción, estos productos se suministrarán según disponibilidad (Zn/Ni; CrIII; CrVI). Las referencias más estándar (equivalentes a la serie B, ver págs. (177-187), se suministrarán habitualmente en Zn/Ni. / Pour des raisons logistiques et de fabrication, les produits (Zn/Ni; CrIII; CrVI) seront fournis selon disponibilité. Les références standard, équivalentes à la série B, voir pages (177-187), seront fournies normalement en Zn/Ni. / For logistics and manufacturing reasons, products (Zn/Ni; CrIII; CrVI) will be supplied upon availability. Standard references, equivalent to B series, see pages (177-187), will, usually, be supplied in Zn/Ni. / Per ragioni di logistica e di produzione, questi articoli saranno forniti secondo la disponibilità (Zn/Ni; CrIII; CrVI) I codici più standard (equivalenti alla serie B, vedere pagine (177-187), saranno forniti abitualmente in Zn/Ni.

## Racores DIN 2353

Raccords à bague DIN 2353  
DIN 2353 Pipe fittings  
Raccordi ad anello DIN 2353

Pipe

## Unión recta tubo-tubo



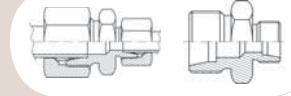
Union droite (tuyau-tuyau)

Straight coupling (pipe-pipe)

Raccordo intermedio diritto (tubo-tubo)

TUBO PIPE	SERIE	R. P.	€	REFERENCIA STA PART N° STA	€
4	LL	<b>DLL 4</b>		<b>STA DLL 4</b>	
6	LL	<b>DLL 6</b>		<b>STA DLL 6</b>	
8	LL	<b>DLL 8</b>		<b>STA DLL 8</b>	
6	L	<b>DL 6</b>		<b>STA DL 6</b>	
8	L	<b>DL 8</b>		<b>STA DL 8</b>	
10	L	<b>DL 10</b>		<b>STA DL 10</b>	
12	L	<b>DL 12</b>		<b>STA DL 12</b>	
15	L	<b>DL 15</b>		<b>STA DL 15</b>	
18	L	<b>DL 18</b>		<b>STA DL 18</b>	
22	L	<b>DL 22</b>		<b>STA DL 22</b>	
28	L	<b>DL 28</b>		<b>STA DL 28</b>	
35	L	<b>DL 35</b>		<b>STA DL 35</b>	
42	L	<b>DL 42</b>		<b>STA DL 42</b>	
6	S	<b>DS 6</b>		<b>STA DS 6</b>	
8	S	<b>DS 8</b>		<b>STA DS 8</b>	
10	S	<b>DS 10</b>		<b>STA DS 10</b>	
12	S	<b>DS 12</b>		<b>STA DS 12</b>	
14	S	<b>DS 14</b>		<b>STA DS 14</b>	
16	S	<b>DS 16</b>		<b>STA DS 16</b>	
20	S	<b>DS 20</b>		<b>STA DS 20</b>	
25	S	<b>DS 25</b>		<b>STA DS 25</b>	
30	S	<b>DS 30</b>		<b>STA DS 30</b>	
38	S	<b>DS 38</b>		<b>STA DS 38</b>	

## Unión recta en reducción tubo-tubo



Union double en réduction (tuyau-tuyau)

Straight reducing coupling (pipe-pipe)

Raccordo intermedio di riduzione (tubo-tubo)

TUBO PIPE	S.	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
8	6	<b>DL 8-6</b>		<b>STA DL 8-6</b>	
10	6	<b>DL 10-6</b>		<b>STA DL 10-6</b>	
10	8	<b>DL 10-8</b>		<b>STA DL 10-8</b>	
12	8	<b>DL 12-8</b>		<b>STA DL 12-8</b>	
12	10	<b>DL 12-10</b>		<b>STA DL 12-10</b>	
15	10	<b>DL 15-10</b>		<b>STA DL 15-10</b>	
15	12	<b>DL 15-12</b>		<b>STA DL 15-12</b>	
18	12	<b>DL 18-12</b>		<b>STA DL 18-12</b>	
18	15	<b>DL 18-15</b>		<b>STA DL 18-15</b>	
22	15	<b>DL 22-15</b>		<b>STA DL 22-15</b>	
22	18	<b>DL 22-18</b>		<b>STA DL 22-18</b>	
28	22	<b>DL 28-22</b>		<b>STA DL 28-22</b>	
35	22	<b>DL 35-22</b>		<b>STA DL 35-22</b>	
35	28	<b>DL 35-28</b>		<b>STA DL 35-28</b>	
42	35	<b>DL 42-35</b>		<b>STA DL 42-35</b>	
8	6	<b>DS 8-6</b>		<b>STA DS 8-6</b>	
10	6	<b>DS 10-6</b>		<b>STA DS 10-6</b>	
10	8	<b>DS 10-8</b>		<b>STA DS 10-8</b>	
12	6	<b>DS 12-6</b>		<b>STA DS 12-6</b>	
12	8	<b>DS 12-8</b>		<b>STA DS 12-8</b>	
12	10	<b>DS 12-10</b>		<b>STA DS 12-10</b>	
14	10	<b>DS 14-10</b>		<b>STA DS 14-10</b>	
14	12	<b>DS 14-12</b>		<b>STA DS 14-12</b>	
16	12	<b>DS 16-12</b>		<b>STA DS 16-12</b>	
16	14	<b>DS 16-14</b>		<b>STA DS 16-14</b>	
20	12	<b>DS 20-12</b>		<b>STA DS 20-12</b>	
20	16	<b>DS 20-16</b>		<b>STA DS 20-16</b>	
25	16	<b>DS 25-16</b>		<b>STA DS 25-16</b>	
25	20	<b>DS 25-20</b>		<b>STA DS 25-20</b>	
30	20	<b>DS 30-20</b>		<b>STA DS 30-20</b>	
30	25	<b>DS 30-25</b>		<b>STA DS 30-25</b>	
38	30	<b>DS 38-30</b>		<b>STA DS 38-30</b>	

DIN 2353 Pipe Fittings

Gas tube fittings

JIC 37° fittings

SAE Flanges

Clamps

Machines for  
processing rigid pipes

Por razones logísticas y de producción, estos productos se suministrarán según disponibilidad (Zn/Ni; CrIII; CrVI). Las referencias más estándar (equivalentes a la serie B, ver págs. (177-187), se suministrarán habitualmente en Zn/Ni. / Pour des raisons logistiques et de fabrication, les produits (Zn/Ni; CrIII; CrVI) seront fournis selon disponibilité. Les références standard, équivalentes à la série B, voir pages (177-187), seront fournies normalement en Zn/Ni. / For logistics and manufacturing reasons, products (Zn/Ni; CrIII; CrVI) will be supplied upon availability. Standard references, equivalent to B series, see pages (177-187), will, usually, be supplied in Zn/Ni. / Per ragioni di logistica e di produzione, questi articoli saranno forniti secondo la disponibilità (Zn/Ni; CrIII; CrVI) I codici più standard (equivalenti alla serie B, vedere pagine (177-187), saranno forniti abitualmente in Zn/Ni.

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

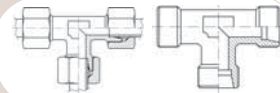
## Unión en codo tubo-tubo



Union en coude égal (tuyau-tuyau)  
Equal elbow coupling (pipe-pipe)  
Raccordo intermedio a 90° (tubo-tubo)

TUBO PIPE	SERIE	R. P.	€	REFERENCIA STA PART N° STA	€
4	LL	ELL 4		STA ELL 4	
6	LL	ELL 6		STA ELL 6	
8	LL	ELL 8		STA ELL 8	
6	L	EL 6		STA EL 6	
8	L	EL 8		STA EL 8	
10	L	EL 10		STA EL 10	
12	L	EL 12		STA EL 12	
15	L	EL 15		STA EL 15	
18	L	EL 18		STA EL 18	
22	L	EL 22		STA EL 22	
28	L	EL 28		STA EL 28	
35	L	EL 35		STA EL 35	
42	L	EL 42		STA EL 42	
6	S	ES 6		STA ES 6	
8	S	ES 8		STA ES 8	
10	S	ES 10		STA ES 10	
12	S	ES 12		STA ES 12	
14	S	ES 14		STA ES 14	
16	S	ES 16		STA ES 16	
20	S	ES 20		STA ES 20	
25	S	ES 25		STA ES 25	
30	S	ES 30		STA ES 30	
38	S	ES 38		STA ES 38	

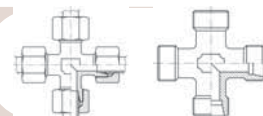
## Unión en te tubo-tubo



Union en Té égal (tuyau-tuyau)  
Equal Tee union (tuayu-tuyau)  
Raccordo intermedio a T (tubo-tubo)

TUBO PIPE	SERIE	R. P.	€	REFERENCIA STA PART N° STA	€
4	LL	TLL 4		STA TLL 4	
6	LL	TLL 6		STA TLL 6	
8	LL	TLL 8		STA TLL 8	
6	L	TL 6		STA TL 6	
8	L	TL 8		STA TL 8	
10	L	TL 10		STA TL 10	
12	L	TL 12		STA TL 12	
15	L	TL 15		STA TL 15	
18	L	TL 18		STA TL 18	
22	L	TL 22		STA TL 22	
28	L	TL 28		STA TL 28	
35	L	TL 35		STA TL 35	
42	L	TL 42		STA TL 42	
6	S	TS 6		STA TS 6	
8	S	TS 8		STA TS 8	
10	S	TS 10		STA TS 10	
12	S	TS 12		STA TS 12	
14	S	TS 14		STA TS 14	
16	S	TS 16		STA TS 16	
20	S	TS 20		STA TS 20	
25	S	TS 25		STA TS 25	
30	S	TS 30		STA TS 30	
38	S	TS 38		STA TS 38	

## Unión en cruz tubo-tubo



Union en croix égale (tuyau-tuyau)  
Equal cross union (pipe-pipe)  
Raccordo intermedio a croce (tubo-tubo)

TUBO PIPE	SERIE	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	KVL 6		STA KVL 6	
8	L	KVL 8		STA KVL 8	
10	L	KVL 10		STA KVL 10	
12	L	KVL 12		STA KVL 12	
18	L	KVL 18		STA KVL 18	
22	L	KVL 22		STA KVL 22	
28	L	KVL 28		STA KVL 28	
35	L	KVL 35		STA KVL 35	
42	L	KVL 42		STA KVL 42	
6	S	KVS 6		STA KVS 6	
8	S	KVS 8		STA KVS 8	
10	S	KVS 10		STA KVS 10	
12	S	KVS 12		STA KVS 12	
14	S	KVS 14		STA KVS 14	
16	S	KVS 16		STA KVS 16	
20	S	KVS 20		STA KVS 20	
25	S	KVS 25		STA KVS 25	
30	S	KVS 30		STA KVS 30	
38	S	KVS 38		STA KVS 38	

Por razones logísticas y de producción, estos productos se suministrarán según disponibilidad (Zn/Ni; CrIII; CrVI). Las referencias más estándar (equivalentes a la serie B, ver págs. (177-187), se suministrarán habitualmente en Zn/Ni. / Pour des raisons logistiques et de fabrication, les produits (Zn/Ni; CrIII; CrVI) seront fournis selon disponibilité. Les références standard, équivalentes à la série B, voir pages (177-187), seront fournies normalement en Zn/Ni. / For logistics and manufacturing reasons, products (Zn/Ni; CrIII; CrVI) will be supplied upon availability. Standard references, equivalent to B series, see pages (177-187), will, usually, be supplied in Zn/Ni. / Per ragioni di logistica e di produzione, questi articoli saranno forniti secondo la disponibilità (Zn/Ni; CrIII; CrVI) I codici più standard (equivalenti alla serie B, vedere pagine (177-187), saranno forniti abitualmente in Zn/Ni.

# Racores DIN 2353

Raccords à bague DIN 2353  
DIN 2353 Pipe fittings  
Raccordi ad anello DIN 2353

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

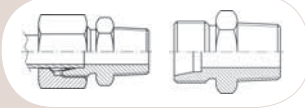
JIC 37° fittings

SAE Flanges

Clamps

Machines for processing rigid pipes

## Racor recto rosca cónica BSPT



Union simple mâle conique

Straight male stud coupling BSPT tapered  
Raccordo di estremità diritto conico BSPT

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
4	LL	1/8" BSPT	AKLL 4 R 1/8		STA AKLL 4 R 1/8	
6	LL	1/8" BSPT	AKLL 6 R 1/8		STA AKLL 6 R 1/8	
8	LL	1/8" BSPT	AKLL 8 R 1/8		STA AKLL 8 R 1/8	
8	LL	1/4" BSPT	AKLL 8 R 1/4		STA AKLL 8 R 1/4	
6	L	1/8" BSPT	AKL 6 R 1/8		STA AKL 6 R 1/8	
6	L	1/4" BSPT	AKL 6 R 1/4		STA AKL 6 R 1/4	
8	L	1/4" BSPT	AKL 8 R 1/4		STA AKL 8 R 1/4	
10	L	1/4" BSPT	AKL 10 R 1/4		STA AKL 10 R 1/4	
10	L	3/8" BSPT	AKL 10 R 3/8		STA AKL 10 R 3/8	
12	L	1/4" BSPT	AKL 12 R 1/4		STA AKL 12 R 1/4	
12	L	3/8" BSPT	AKL 12 R 3/8		STA AKL 12 R 3/8	
12	L	1/2" BSPT	AKL 12 R 1/2		STA AKL 12 R 1/2	
15	L	3/8" BSPT	AKL 15 R 3/8		STA AKL 15 R 3/8	
15	L	1/2" BSPT	AKL 15 R 1/2		STA AKL 15 R 1/2	
18	L	1/2" BSPT	AKL 18 R 1/2		STA AKL 18 R 1/2	
22	L	3/4" BSPT	AKL 22 R 3/4		STA AKL 22 R 3/4	
6	S	1/4" BSPT	AKS 6 R 1/4		STA AKS 6 R 1/4	
8	S	1/4" BSPT	AKS 8 R 1/4		STA AKS 8 R 1/4	
10	S	3/8" BSPT	AKS 10 R 3/8		STA AKS 10 R 3/8	
12	S	3/8" BSPT	AKS 12 R 3/8		STA AKS 12 R 3/8	
16	S	1/2" BSPT	AKS 16 R 1/2		STA AKS 16 R 1/2	
20	S	3/4" BSPT	AKS 20 R 3/4		STA AKS 20 R 3/4	

## Racor recto rosca cilíndrica BSP



Union simple mâle gaz cyl

Straight male stud coupling BSP cyl  
Raccordo di estremità diritto BSP

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	1/8" BSP	AL 6 R 1/8		STA AL 6 R 1/8	
6	L	1/4" BSP	AL 6 R 1/4		STA AL 6 R 1/4	
6	L	3/8" BSP	AL 6 R 3/8		STA AL 6 R 3/8	
6	L	1/2" BSP	AL 6 R 1/2		STA AL 6 R 1/2	
8	L	1/8" BSP	AL 8 R 1/8		STA AL 8 R 1/8	
8	L	1/4" BSP	AL 8 R 1/4		STA AL 8 R 1/4	
8	L	3/8" BSP	AL 8 R 3/8		STA AL 8 R 3/8	
8	L	1/2" BSP	AL 8 R 1/2		STA AL 8 R 1/2	
10	L	1/8" BSP	AL 10 R 1/8		STA AL 10 R 1/8	
10	L	1/4" BSP	AL 10 R 1/4		STA AL 10 R 1/4	
10	L	3/8" BSP	AL 10 R 3/8		STA AL 10 R 3/8	
10	L	1/2" BSP	AL 10 R 1/2		STA AL 10 R 1/2	
12	L	1/4" BSP	AL 12 R 1/4		STA AL 12 R 1/4	
12	L	1/2" BSP	AL 12 R 1/2		STA AL 12 R 1/2	
12	L	3/4" BSP	AL 12 R 3/4		STA AL 12 R 3/4	
12	L	3/8" BSP	AL 12 R 3/8		STA AL 12 R 3/8	
15	L	3/8" BSP	AL 15 R 3/8		STA AL 15 R 3/8	
15	L	1/2" BSP	AL 15 R 1/2		STA AL 15 R 1/2	
15	L	3/4" BSP	AL 15 R 3/4		STA AL 15 R 3/4	
18	L	1/2" BSP	AL 18 R 1/2		STA AL 18 R 1/2	
18	L	3/4" BSP	AL 18 R 3/4		STA AL 18 R 3/4	
18	L	3/8" BSP	AL 18 R 3/8		STA AL 18 R 3/8	
22	L	1/2" BSP	AL 22 R 1/2		STA AL 22 R 1/2	
22	L	3/4" BSP	AL 22 R 3/4		STA AL 22 R 3/4	
22	L	1" BSP	AL 22 R 1		STA AL 22 R 1	
28	L	3/4" BSP	AL 28 R 3/4		STA AL 28 R 3/4	
28	L	1" BSP	AL 28 R 1		STA AL 28 R 1	
35	L	1" BSP	AL 35 R 1		STA AL 35 R 1	
35	L	1 1/4" BSP	AL 35 R 1 1/4		STA AL 35 R 1 1/4	
42	L	1 1/2" BSP	AL 42 R 1 1/2		STA AL 42 R 1 1/2	
6	S	1/4" BSP	AS 6 R 1/4		STA AS 6 R 1/4	
8	S	1/4" BSP	AS 8 R 1/4		STA AS 8 R 1/4	
8	S	3/8" BSP	AS 8 R 3/8		STA AS 8 R 3/8	
10	S	1/4" BSP	AS 10 R 1/4		STA AS 10 R 1/4	
10	S	3/8" BSP	AS 10 R 3/8		STA AS 10 R 3/8	
10	S	1/2" BSP	AS 10 R 1/2		STA AS 10 R 1/2	
12	S	1/4" BSP	AS 12 R 1/4		STA AS 12 R 1/4	
12	S	3/8" BSP	AS 12 R 3/8		STA AS 12 R 3/8	
12	S	1/2" BSP	AS 12 R 1/2		STA AS 12 R 1/2	
14	S	3/8" BSP	AS 14 R 3/8		STA AS 14 R 3/8	
14	S	1/2" BSP	AS 14 R 1/2		STA AS 14 R 1/2	
16	S	3/8" BSP	AS 16 R 3/8		STA AS 16 R 3/8	
16	S	1/2" BSP	AS 16 R 1/2		STA AS 16 R 1/2	
16	S	3/4" BSP	AS 16 R 3/4		STA AS 16 R 3/4	
20	S	1/2" BSP	AS 20 R 1/2		STA AS 20 R 1/2	
20	S	3/4" BSP	AS 20 R 3/4		STA AS 20 R 3/4	
25	S	3/4" BSP	AS 25 R 3/4		STA AS 25 R 3/4	
25	S	1" BSP	AS 25 R 1		STA AS 25 R 1	
30	S	1" BSP	AS 30 R 1		STA AS 30 R 1	
30	S	1 1/4" BSP	AS 30 R 1 1/4		STA AS 30 R 1 1/4	
38	S	1 1/4" BSP	AS 38 R 1 1/4		STA AS 38 R 1 1/4	
38	S	1 1/2" BSP	AS 38 R 1 1/2		STA AS 38 R 1 1/2	

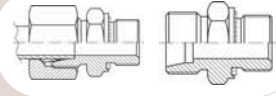
Por razones logísticas y de producción, estos productos se suministrarán según disponibilidad (Zn/Ni; CrIII; CrVI). Las referencias más estándar (equivalentes a la serie B, ver págs. (177-187), se suministrarán habitualmente en Zn/Ni. / Pour des raisons logistiques et de fabrication, les produits (Zn/Ni; CrIII; CrVI) seront fournis selon disponibilité. Les références standard, équivalentes à la série B, voir pages (177-187), seront fournies normalement en Zn/Ni. / For logistics and manufacturing reasons, products (Zn/Ni; CrIII; CrVI) will be supplied upon availability. Standard references, equivalent to B series, see pages (177-187), will, usually, be supplied in Zn/Ni. / Per ragioni di logistica e di produzione, questi articoli saranno forniti secondo la disponibilità (Zn/Ni; CrIII; CrVI) I codici più standard (equivalenti alla serie B, vedere pagine (177-187), saranno forniti abitualmente in Zn/Ni.

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

# Racores DIN 2353

Raccords à bague DIN 2353  
DIN 2353 Pipe fittings  
Raccordi ad anello DIN 2353

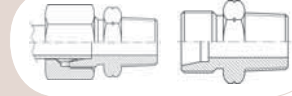
## Racor recto rosca cilíndrica BSP con junta



Union simple mâle gaz cyl avec joint plat  
Straight male stud coupling with captive seal BSP cyl  
Raccordo di estremità diritto BSP con guarnizione

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	1/4" BSP	AL 6 R 1/4 WD		STA AL 6 R 1/4 WD	
6	L	1/8" BSP	AL 6 R 1/8 WD		STA AL 6 R 1/8 WD	
8	L	1/4" BSP	AL 8 R 1/4 WD		STA AL 8 R 1/4 WD	
8	L	1/8" BSP	AL 8 R 1/8 WD		STA AL 8 R 1/8 WD	
8	L	3/8" BSP	AL 8 R 3/8 WD		STA AL 8 R 3/8 WD	
10	L	1/2" BSP	AL 10 R 1/2 WD		STA AL 10 R 1/2 WD	
10	L	1/4" BSP	AL 10 R 1/4 WD		STA AL 10 R 1/4 WD	
10	L	3/8" BSP	AL 10 R 3/8 WD		STA AL 10 R 3/8 WD	
12	L	1/2" BSP	AL 12 R 1/2 WD		STA AL 12 R 1/2 WD	
12	L	1/4" BSP	AL 12 R 1/4 WD		STA AL 12 R 1/4 WD	
12	L	3/8" BSP	AL 12 R 3/8 WD		STA AL 12 R 3/8 WD	
15	L	1/2" BSP	AL 15 R 1/2 WD		STA AL 15 R 1/2 WD	
15	L	3/8" BSP	AL 15 R 3/8 WD		STA AL 15 R 3/8 WD	
18	L	1/2" BSP	AL 18 R 1/2 WD		STA AL 18 R 1/2 WD	
18	L	3/4" BSP	AL 18 R 3/4 WD		STA AL 18 R 3/4 WD	
22	L	3/4" BSP	AL 22 R 3/4 WD		STA AL 22 R 3/4 WD	
28	L	1" BSP	AL 28 R 1 WD		STA AL 28 R 1 WD	
35	L	1 1/4" BSP	AL 35 R 1 1/4 WD		STA AL 35 R 1 1/4 WD	
42	L	1 1/2" BSP	AL 42 R 1 1/2 WD		STA AL 42 R 1 1/2 WD	
6	S	1/4" BSP	AS 6 R 1/4 WD		STA AS 6 R 1/4 WD	
8	S	1/4" BSP	AS 8 R 1/4 WD		STA AS 8 R 1/4 WD	
8	S	3/8" BSP	AS 8 R 3/8 WD		STA AS 8 R 3/8 WD	
10	S	1/2" BSP	AS 10 R 1/2 WD		STA AS 10 R 1/2 WD	
10	S	1/4" BSP	AS 10 R 1/4 WD		STA AS 10 R 1/4 WD	
10	S	3/8" BSP	AS 10 R 3/8 WD		STA AS 10 R 3/8 WD	
12	S	1/2" BSP	AS 12 R 1/2 WD		STA AS 12 R 1/2 WD	
12	S	1/4" BSP	AS 12 R 1/4 WD		STA AS 12 R 1/4 WD	
12	S	3/8" BSP	AS 12 R 3/8 WD		STA AS 12 R 3/8 WD	
14	S	1/2" BSP	AS 14 R 1/2 WD		STA AS 14 R 1/2 WD	
16	S	1/2" BSP	AS 16 R 1/2 WD		STA AS 16 R 1/2 WD	
16	S	3/4" BSP	AS 16 R 3/4 WD		STA AS 16 R 3/4 WD	
16	S	3/8" BSP	AS 16 R 3/8 WD		STA AS 16 R 3/8 WD	
20	S	3/4" BSP	AS 20 R 3/4 WD		STA AS 20 R 3/4 WD	
25	S	1" BSP	AS 25 R 1 WD		STA AS 25 R 1 WD	
25	S	3/4" BSP	AS 25 R 3/4 WD		STA AS 25 R 3/4 WD	
30	S	1 1/4" BSP	AS 30 R 1 1/4 WD		STA AS 30 R 1 1/4 WD	
38	S	1 1/2" BSP	AS 38 R 1 1/2 WD		STA AS 38 R 1 1/2 WD	

## Racor recto rosca cónica NPT



Union simple mâle NPT  
Straight male stud coupling NPT  
Raccordo di estremità diritto NPT conico

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
4	LL	1/8" NPT	AKLL 4 1/8 NPT		STA AKLL 4 1/8 NPT	
6	LL	1/8" NPT	AKLL 6 1/8 NPT		STA AKLL 6 1/8 NPT	
8	LL	1/8" NPT	AKLL 8 1/8 NPT		STA AKLL 8 1/8 NPT	
6	L	1/8" NPT	AKL 6 1/8 NPT		STA AKL 6 1/8 NPT	
6	L	1/4" NPT	AKL 6 1/4 NPT		STA AKL 6 1/4 NPT	
8	L	1/4" NPT	AKL 8 1/4 NPT		STA AKL 8 1/4 NPT	
10	L	1/4" NPT	AKL 10 1/4 NPT		STA AKL 10 1/4 NPT	
10	L	3/8" NPT	AKL 10 3/8 NPT		STA AKL 10 3/8 NPT	
12	L	1/4" NPT	AKL 12 1/4 NPT		STA AKL 12 1/4 NPT	
12	L	3/8" NPT	AKL 12 3/8 NPT		STA AKL 12 3/8 NPT	
12	L	1/2" NPT	AKL 12 1/2 NPT		STA AKL 12 1/2 NPT	
15	L	1/2" NPT	AKL 15 1/2 NPT		STA AKL 15 1/2 NPT	
18	L	1 1/2" NPT	AKL 18 1 1/2 NPT		STA AKL 18 1 1/2 NPT	
22	L	3/4" NPT	AKL 22 3/4 NPT		STA AKL 22 3/4 NPT	
28	L	1" NPT	AKL 28 1 NPT		STA AKL 28 1 NPT	
35	L	1 1/4" NPT	AKL 35 1 1/4 NPT		STA AKL 35 1 1/4 NPT	
42	L	1 1/2" NPT	AKL 42 1 1/2 NPT		STA AKL 42 1 1/2 NPT	
6	S	1/4" NPT	AKS 6 1/4 NPT		STA AKS 6 1/4 NPT	
8	S	1/4" NPT	AKS 8 1/4 NPT		STA AKS 8 1/4 NPT	
10	S	1/4" NPT	AKS 10 1/4 NPT		STA AKS 10 1/4 NPT	
10	S	3/8" NPT	AKS 10 3/8 NPT		STA AKS 10 3/8 NPT	
12	S	3/8" NPT	AKS 12 3/8 NPT		STA AKS 12 3/8 NPT	
12	S	1/2" NPT	AKS 12 1/2 NPT		STA AKS 12 1/2 NPT	
14	S	1/2" NPT	AKS 14 1/2 NPT		STA AKS 14 1/2 NPT	
16	S	1/2" NPT	AKS 16 1/2 NPT		STA AKS 16 1/2 NPT	
20	S	3/4" NPT	AKS 20 3/4 NPT		STA AKS 20 3/4 NPT	
25	S	1" NPT	AKS 25 1 NPT		STA AKS 25 1 NPT	
30	S	1 1/4" NPT	AKS 30 1 1/4 NPT		STA AKS 30 1 1/4 NPT	
38	S	1 1/2" NPT	AKS 38 1 1/2 NPT		STA AKS 38 1 1/2 NPT	

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

JIC 37° fittings

SAE Flanges

Clamps

Machines for processing rigid pipes

Por razones logísticas y de producción, estos productos se suministrarán según disponibilidad (Zn/Ni; CrIII; CrVI). Las referencias más estándar (equivalentes a la serie B, ver págs. (177-187), se suministrarán habitualmente en Zn/Ni. / Pour des raisons logistiques et de fabrication, les produits (Zn/Ni; CrIII; CrVI) seront fournis selon disponibilité. Les références standard, équivalentes à la série B, voir pages (177-187), seront fournies normalement en Zn/Ni. / For logistics and manufacturing reasons, products (Zn/Ni; CrIII; CrVI) will be supplied upon availability. Standard references, equivalent to B series, see pages (177-187), will, usually, be supplied in Zn/Ni. / Per ragioni di logistica e di produzione, questi articoli saranno forniti secondo la disponibilità (Zn/Ni; CrIII; CrVI) I codici più standard (equivalenti alla serie B, vedere pagine (177-187), saranno forniti abitualmente in Zn/Ni.



# Racores DIN 2353

Raccords à bague DIN 2353  
DIN 2353 Pipe fittings  
Raccordi ad anello DIN 2353

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

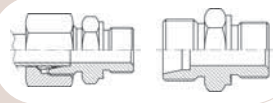
JIC 37° fittings

SAE Flanges

Clamps

Machines for processing rigid pipes

## Racor recto rosca cilíndrica UNF

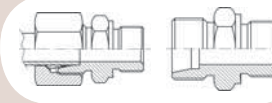


### Union simple mâle UNF

Straight male stud coupling UNF  
Raccordo di estremità diritto UNF

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
8	L	7/16 UNF	AL 8 7/16 UNF		STA AL 8 7/16 UNF	
10	L	7/16 UNF	AL 10 7/16 UNF		STA AL 10 7/16 UNF	
12	L	9/16 UNF	AL 12 9/16 UNF		STA AL 12 9/16 UNF	
12	L	3/4 UNF	AL 12 3/4 UNF		STA AL 12 3/4 UNF	
12	L	7/8 UNF	AL 12 7/8 UNF		STA AL 12 7/8 UNF	
15	L	3/4 UNF	AL 15 3/4 UNF		STA AL 15 3/4 UNF	
15	L	7/8 UNF	AL 15 7/8 UNF		STA AL 15 7/8 UNF	
18	L	3/4 UNF	AL 18 3/4 UNF		STA AL 18 3/4 UNF	
18	L	7/8 UNF	AL 18 7/8 UNF		STA AL 18 7/8 UNF	
22	L	7/8 UNF	AL 22 7/8 UNF		STA AL 22 7/8 UNF	
22	L	1 1/16 UNF	AL 22 1 1/16 UN		STA AL 22 1 1/16 UNF	
22	L	1 5/16 UNF	AL 22 1 5/16 UN		STA AL 22 1 5/16 UNF	
28	L	1 1/16 UNF	AL 28 1 1/16 UN		STA AL 28 1 1/16 UNF	
28	L	1 5/16 UNF	AL 28 1 5/16 UN		STA AL 28 1 5/16 UNF	
35	L	1 5/16 UNF	AL 35 1 5/16 UN		STA AL 35 1 5/16 UNF	
35	L	1 5/8 UNF	AL 35 1 5/8 UNF		STA AL 35 1 5/8 UNF	
8	S	7/16 UNF	AS 8 7/16 UNF		STA AS 8 7/16 UNF	
10	S	9/16 UNF	AS 10 9/16 UNF		STA AS 10 9/16 UNF	
12	S	9/16 UNF	AS 12 9/16 UNF		STA AS 12 9/16 UNF	
12	S	3/4 UNF	AS 12 3/4 UNF		STA AS 12 3/4 UNF	
16	S	3/4 UNF	AS 16 3/4 UNF		STA AS 16 3/4 UNF	
16	S	7/8 UNF	AS 16 7/8 UNF		STA AS 16 7/8 UNF	
20	S	3/4 UNF	AS 20 3/4 UNF		STA AS 20 3/4 UNF	
20	S	7/8 UNF	AS 20 7/8 UNF		STA AS 20 7/8 UNF	
20	S	1 1/16 UNF	AS 20 1 1/16 UN		STA AS 20 1 1/16 UNF	
25	S	1 5/16 UNF	AS 25 1 5/16 UNF		STA AS 25 1 5/16 UNF	
30	S	1 5/16 UNF	AS 30 1 5/16 UNF		STA AS 30 1 5/16 UNF	
30	S	1 5/8 UNF	AS 30 1 5/8 UNF		STA AS 30 1 5/8 UNF	
38	S	1 5/8 UNF	AS 38 1 5/8 UNF		STA AS 38 1 5/8 UNF	

## Racor recto rosca cilíndrica Métrica



### Union simple mâle Métrique

Straight male stud coupling Metrical cyl  
Raccordo di estremità diritto cilindrico Metrico

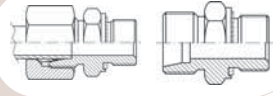
T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	M10x1	AL 6 M 10X1		STA AL 6 M 10X1	
8	L	M12x1,5	AL 8 M 12X1.5		STA AL 8 M 12X1.5	
10	L	M14x1,5	AL 10 M 14X1.5		STA AL 10 M 14X1.5	
10	L	M16x1,5	AL 10 M 16X1.5		STA AL 10 M 16X1.5	
10	L	M18x1,5	AL 10 M 18X1.5		STA AL 10 M 18X1.5	
10	L	M22x1,5	AL 10 M 22X1.5		STA AL 10 M 22X1.5	
12	L	M14x1,5	AL 12 M 14X1.5		STA AL 12 M 14X1.5	
12	L	M16x1,5	AL 12 M 16X1.5		STA AL 12 M 16X1.5	
12	L	M18x1,5	AL 12 M 18X1.5		STA AL 12 M 18X1.5	
12	L	M22x1,5	AL 12 M 22X1.5		STA AL 12 M 22X1.5	
15	L	M16x1,5	AL 15 M 16X1.5		STA AL 15 M 16X1.5	
15	L	M18x1,5	AL 15 M 18X1.5		STA AL 15 M 18X1.5	
15	L	M22x1,5	AL 15 M 22X1.5		STA AL 15 M 22X1.5	
18	L	M22x1,5	AL 18 M 22X1.5		STA AL 18 M 22X1.5	
22	L	M22x1,5	AL 22 M 22X1.5		STA AL 22 M 22X1.5	
22	L	M26x1,5	AL 22 M 26X1.5		STA AL 22 M 26X1.5	
28	L	M33x2	AL 28 M 33X2		STA AL 28 M 33X2	
35	L	M42x2	AL 35 M 42X2		STA AL 35 M 42X2	
42	L	M48x2	AL 42 M 48X2		STA AL 42 M 48X2	
6	S	M12x1,5	AS 6 M 12X1.5		STA AS 6 M 12X1.5	
8	S	M14x1,5	AS 8 M 14X1.5		STA AS 8 M 14X1.5	
10	S	M16x1,5	AS 10 M 16X1.5		STA AS 10 M 16X1.5	
12	S	M18x1,5	AS 12 M 18X1.5		STA AS 12 M 18X1.5	
12	S	M22x1,5	AS 12 M 22X1.5		STA AS 12 M 22X1.5	
14	S	M20x1,5	AS 14 M 20X1.5		STA AS 14 M 20X1.5	
16	S	M22x1,5	AS 16 M 22X1.5		STA AS 16 M 22X1.5	
20	S	M27x2	AS 20 M 27X2		STA AS 20 M 27X2	
25	S	M33x2	AS 25 M 33X2		STA AS 25 M 33X2	
30	S	M42x2	AS 30 M 42X2		STA AS 30 M 42X2	
38	S	M48x2	AS 38 M 48X2		STA AS 38 M 48X2	

Por razones logísticas y de producción, estos productos se suministrarán según disponibilidad (Zn/Ni; CrIII; CrVI). Las referencias más estándar (equivalentes a la serie B, ver págs. (177-187), se suministrarán habitualmente en Zn/Ni. / Pour des raisons logistiques et de fabrication, les produits (Zn/Ni; CrIII; CrVI) seront fournis selon disponibilité. Les références standard, équivalentes à la série B, voir pages (177-187), seront fournies normalement en Zn/Ni. / For logistics and manufacturing reasons, products (Zn/Ni; CrIII; CrVI) will be supplied upon availability. Standard references, equivalent to B series, see pages (177-187), will, usually, be supplied in Zn/Ni. / Per ragioni di logistica e di produzione, questi articoli saranno forniti secondo la disponibilità (Zn/Ni; CrIII; CrVI) I codici più standard (equivalenti alla serie B, vedere pagine (177-187), saranno forniti abitualmente in Zn/Ni.

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



## Racor recto rosca cilíndrica Métrica con junta



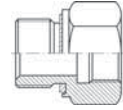
Union simple mâle Métrique cyl + joint plat

Straight male stud coupling with captive seal Metrical cyl

Raccordo di estremità diritto cilindrico Metrico con guarnizione

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	M10x1	AL 6 M 10X1 WD		STA AL 6 M 10X1 WD	
8	L	M12x1,5	AL 8 M 12X1.5 WD		STA AL 8 M 12X1.5 WD	
10	L	M14x1,5	AL 10 M 14X1.5 WD		STA AL 10 M 14X1.5 WD	
10	L	M16x1,5	AL 10 M 16X1.5 WD		STA AL 10 M 16X1.5 WD	
10	L	M18x1,5	AL 10 M 18X1.5 WD		STA AL 10 M 18X1.5 WD	
12	L	M16x1,5	AL 12 M 16X1.5 WD		STA AL 12 M 16X1.5 WD	
12	L	M18x1,5	AL 12 M 18X1.5 WD		STA AL 12 M 18X1.5 WD	
12	L	M22x1,5	AL 12 M 22X1.5 WD		STA AL 12 M 22X1.5 WD	
15	L	M18x1,5	AL 15 M 18X1.5 WD		STA AL 15 M 18X1.5 WD	
15	L	M22x1,5	AL 15 M 22X1.5 WD		STA AL 15 M 22X1.5 WD	
18	L	M22x1,5	AL 18 M 22X1.5 WD		STA AL 18 M 22X1.5 WD	
22	L	M26x1,5	AL 22 M 26X1.5 WD		STA AL 22 M 26X1.5 WD	
28	L	M33x2	AL 28 M 33X2 WD		STA AL 28 M 33X2 WD	
35	L	M42x2	AL 35 M 42X2 WD		STA AL 35 M 42X2 WD	
42	L	M48x2	AL 42 M 48X2 WD		STA AL 42 M 48X2 WD	
6	S	M12x1,5	AS 6 M 12X1.5 WD		STA AS 6 M 12X1.5 WD	
8	S	M14x1,5	AS 8 M 14X1.5 WD		STA AS 8 M 14X1.5 WD	
10	S	M16x1,5	AS 10 M 16X1.5 WD		STA AS 10 M 16X1.5 WD	
12	S	M18x1,5	AS 12 M 18X1.5 WD		STA AS 12 M 18X1.5 WD	
14	S	M20x1,5	AS 14 M 20X1.5 WD		STA AS 14 M 20X1.5 WD	
16	S	M22x1,5	AS 16 M 22X1.5 WD		STA AS 16 M 22X1.5 WD	
20	S	M27x2	AS 20 M 27X2 WD		STA AS 20 M 27X2 WD	
25	S	M33x2	AS 25 M 33X2 WD		STA AS 25 M 33X2 WD	
30	S	M42x2	AS 30 M 42X2 WD		STA AS 30 M 42X2 WD	
38	S	M48x2	AS 38 M 48X2 WD		STA AS 38 M 48X2 WD	

## Reducción con rosca M-HF BSP con junta



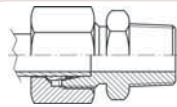
Réduction mâle gaz-femelle gaz avec joint plat

Male-female reducing adaptor BSP cyl with captive seal

Adattatore di riduzione filettato maschio-femmina BSP con guarnizione

ROSCA THREAD		REFERENCIA PART N°	€
M 1/8" BSP	F 1/4" BSP	RI-R 1/8 R 1/4WD	
M 1/8" BSP	F 3/8" BSP	RI-R 1/8 R 3/8WD	
M 1/4" BSP	F 1/8" BSP	RI-R 1/4 R 1/8WD	
M 1/4" BSP	F 3/8" BSP	RI-R 1/4 R 3/8WD	
M 1/4" BSP	F 1/2" BSP	RI-R 1/4 R 1/2 WD	
M 1/4" BSP	F 3/4" BSP	RI-R 1/4 R 3/4 WD	
M 3/8" BSP	F 1/8" BSP	RI-R 3/8 R 1/8WD	
M 3/8" BSP	F 1/4" BSP	RI-R 3/8 R 1/4 WD	
M 3/8" BSP	F 1/2" BSP	RI-R 3/8 R 1/2WD	
M 3/8" BSP	F 3/4" BSP	RI-R 3/8 R 3/4WD	
M 1/2" BSP	F 1/8" BSP	RI-R 1/2 R 1/8WD	
M 1/2" BSP	F 1/4" BSP	RI-R 1/2 R 1/4WD	
M 1/2" BSP	F 3/8" BSP	RI-R 1/2 R 3/8WD	
M 1/2" BSP	F 3/4" BSP	RI-R 1/2 R 3/4WD	
M 1/2" BSP	F 1" BSP	RI-R 1/2 R 1WD	
M 1/2" BSP	F 1 1/4" BSP	RI-R 1/2 R 1 1/4WD	
M 3/4" BSP	F 1/4" BSP	RI-R 3/4 R 1/4WD	
M 3/4" BSP	F 3/8" BSP	RI-R 3/4 R 3/8WD	
M 3/4" BSP	F 1/2" BSP	RI-R 3/4 R 1/2WD	
M 3/4" BSP	F 1" BSP	RI-R 3/4 R 1WD	
M 3/4" BSP	F 1 1/4" BSP	RI-R 3/4 R 1 1/4WD	
M 3/4" BSP	F 1 1/2" BSP	RI-R 3/4 R 1 1/2WD	
M 1" BSP	F 1/4" BSP	RI-R 1 R 1/4WD	
M 1" BSP	F 3/8" BSP	RI-R 1 R 3/8WD	
M 1" BSP	F 1/2" BSP	RI-R 1 R 1/2WD	
M 1" BSP	F 3/4" BSP	RI-R 1 R 3/4WD	
M 1" BSP	F 1 1/4" BSP	RI-R 1 R 1 1/4WD	
M 1" BSP	F 1 1/2" BSP	RI-R 1 R 1 1/2WD	
M 1 1/4" BSP	F 1/2" BSP	RI-R 1 1/4 R 1/2WD	
M 1 1/4" BSP	F 3/4" BSP	RI-R 1 1/4 R 3/4WD	
M 1 1/4" BSP	F 1" BSP	RI-R 1 1/4 R 1WD	
M 1 1/4" BSP	F 1 1/2" BSP	RI-R 1 1/4 R 1 1/2WD	
M 1 1/2" BSP	F 1/2" BSP	RI-R 1 1/2 R 1/2WD	
M 1 1/2" BSP	F 3/4" BSP	RI-R 1 1/2 R 3/4WD	
M 1 1/2" BSP	F 1" BSP	RI-R 1 1/2 R 1WD	
M 1 1/2" BSP	F 1 1/4" BSP	RI-R 1 1/2 R 1 1/4WD	

## Racor recto rosca cónica Métrica



Union simple mâle métrique type A

Straight male stud coupling metrical tapered

Raccordo di estremità diritto conico Metrico

TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
4	LL	M 8x1	AKLL 4 M 8X1	
6	LL	M 10x1	AKLL 6 M 10X1	
8	LL	M 10x1	AKLL 8 M 10X1	

Por razones logísticas y de producción, estos productos se suministrarán según disponibilidad (Zn/Ni; CrIII; CrVI). Las referencias más estándar (equivalentes a la serie B, ver págs. (177-187), se suministrarán habitualmente en Zn/Ni. / Pour des raisons logistiques et de fabrication, les produits (Zn/Ni; CrIII; CrVI) seront fournis selon disponibilité. Les références standard, équivalentes à la série B, voir pages (177-187), seront fournies normalement en Zn/Ni. / For logistics and manufacturing reasons, products (Zn/Ni; CrIII; CrVI) will be supplied upon availability, Standard references, equivalent to B series, see pages (177-187), will, usually, be supplied in Zn/Ni. / Per ragioni di logistica e di produzione, questi articoli saranno forniti secondo la disponibilità (Zn/Ni; CrIII; CrVI) I codici più standard (equivalenti alla serie B, vedere pagine (177-187), saranno forniti abitualmente in Zn/Ni.

# Racores DIN 2353

Raccords à bague DIN 2353  
DIN 2353 Pipe fittings  
Raccordi ad anello DIN 2353

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

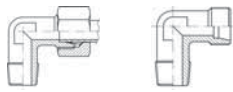
JIC 37° fittings

SAE Flanges

Clamps

Machines for  
processing rigid pipes

## Racor en codo rosca cónica BSPT



Union coude mâle conique BSPT  
Male stud elbow BSPT conical  
Raccordo a gomito, conico BSPT

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
4	LL	1/8" BSPT	CKLL 4 R 1/8		STA CKLL 4 R 1/8	
6	LL	1/8" BSPT	CKLL 6 R 1/8		STA CKLL 6 R 1/8	
8	LL	1/8" BSPT	CKLL 8 R 1/8		STA CKLL 6 R 1/8	
6	L	1/8" BSPT	CKL 6 R 1/8		STA CKL 6 R 1/8	
6	L	1/4" BSPT	CKL 6 R 1/4		STA CKL 6 R 1/4	
8	L	1/8" BSPT	CKL 8 R 1/8		STA CKL 8 R 1/8	
8	L	1/4" BSPT	CKL 8 R 1/4		STA CKL 8 R 1/4	
8	L	3/8" BSPT	CKL 8 R 3/8		STA CKL 8 R 3/8	
10	L	1/4" BSPT	CKL 10 R 1/4		STA CKL 10 R 1/4	
10	L	3/8" BSPT	CKL 10 R 3/8		STA CKL 10 R 3/8	
10	L	1/2" BSPT	CKL 10 R 1/2		STA CKL 10 R 1/2	
12	L	1/4" BSPT	CKL 12 R 1/4		STA CKL 12 R 1/4	
12	L	3/8" BSPT	CKL 12 R 3/8		STA CKL 12 R 3/8	
12	L	1/2" BSPT	CKL 12 R 1/2		STA CKL 12 R 1/2	
15	L	3/8" BSPT	CKL 15 R 3/8		STA CKL 15 R 3/8	
15	L	1/2" BSPT	CKL 15 R 1/2		STA CKL 15 R 1/2	
18	L	1/2" BSPT	CKL 18 R 1/2		STA CKL 18 R 1/2	
22	L	3/4" BSPT	CKL 22 R 3/4		STA CKL 22 R 3/4	
28	L	1" BSPT	CKL 28 R 1		STA CKL 28 R 1	
35	L	1 1/4" BSPT	CKL 35 R 1 1/4		STA CKL 35 R 1 1/4	
42	L	1 1/2" BSPT	CKL 42 R 1 1/2		STA CKL 42 R 1 1/2	
6	S	1/4" BSPT	CKS 6 R 1/4		STA CKS 6 R 1/4	
8	S	1/4" BSPT	CKS 8 R 1/4		STA CKS 8 R 1/4	
10	S	3/8" BSPT	CKS 10 R 3/8		STA CKS 10 R 3/8	
12	S	3/8" BSPT	CKS 12 R 3/8		STA CKS 12 R 3/8	
12	S	1/2" BSPT	CKS 12 R 1/2		STA CKS 12 R 1/2	
14	S	1/2" BSPT	CKS 14 R 1/2		STA CKS 14 R 1/2	
16	S	1/2" BSPT	CKS 16 R 1/2		STA CKS 16 R 1/2	
20	S	3/4" BSPT	CKS 20 R 3/4		STA CKS 20 R 3/4	
25	S	1" BSPT	CKS 25 R 1		STA CKS 25 R 1	
30	S	1 1/4" BSPT	CKS 30 R 1 1/4		STA CKS 30 R 1 1/4	
38	S	1 1/2" BSPT	CKS 38 R 1 1/2		STA CKS 38 R 1 1/2	

## Racor en codo rosca cónica Métrica



Union coude mâle conique Métrique  
Male stud elbow Metrical conical  
Raccordo a gomito, conico Metrico

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
4	LL	M8x1	CKLL 4 M 8X1		STA CKLL 4 M 8X1	
6	LL	M10x1	CKLL 6 M 10X1		STA CKLL 6 M 10X1	
8	LL	M10x1	CKLL 8 M 10X1		STA CKLL 8 M 10X1	
6	L	M10x1	CKL 6 M 10X1		STA CKL 6 M 10X1	
8	L	M12x1,5	CKL 8 M 12X1.5		STA CKL 8 M 12X1.5	
10	L	M14x1,5	CKL 10 M 14X1.5		STA CKL 10 M 14X1.5	
12	L	M16x1,5	CKL 12 M 16X1.5		STA CKL 12 M 16X1.5	
15	L	M18x1,5	CKL 15 M 18X1.5		STA CKL 15 M 18X1.5	
18	L	M22x1,5	CKL 18 M 22X1.5		STA CKL 18 M 22X1.5	
6	S	M12x1,5	CKS 6 M 12X1.5		STA CKS 6 M 12X1.5	
8	S	M14x1,5	CKS 8 M 14X1.5		STA CKS 8 M 14X1.5	
10	S	M16x1,5	CKS 10 M 16X1.5		STA CKS 10 M 16X1.5	
14	S	M20x1,5	CKS 14 M 20X1.5		STA CKS 14 M 20X1.5	
16	S	M22x1,5	CKS 16 M 22X1.5		STA CKS 16 M 22X1.5	

## Racor en codo rosca cónica NPT



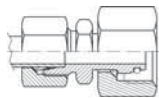
Union coude mâle gaz conique NPT  
Male stud elbow NPTconical  
Raccordo a gomito, conico NPT

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
4	LL	1/8" NPT	CKLL 4 1/8 NPT		STA CKLL 4 1/8 NPT	
6	LL	1/8" NPT	CKLL 6 1/8 NPT		STA CKLL 6 1/8 NPT	
8	LL	1/8" NPT	CKLL 8 1/8 NPT		STA CKLL 8 1/8 NPT	
6	L	1/8" NPT	CKL 6 1/8 NPT		STA CKL 6 1/8 NPT	
6	L	1/4" NPT	CKL 6 1/4 NPT		STA CKL 6 1/4 NPT	
8	L	1/4" NPT	CKL 8 1/4 NPT		STA CKL 8 1/4 NPT	
10	L	1/4" NPT	CKL 10 1/4 NPT		STA CKL 10 1/4 NPT	
12	L	1/4" NPT	CKL 12 1/4 NPT		STA CKL 12 1/4 NPT	
12	L	3/8" NPT	CKL 12 3/8 NPT		STA CKL 12 3/8 NPT	
12	L	1/2" NPT	CKL 12 1/2 NPT		STA CKL 12 1/2 NPT	
15	L	1/2" NPT	CKL 15 1/2 NPT		STA CKL 15 1/2 NPT	
18	L	1/2" NPT	CKL 18 1/2 NPT		STA CKL 18 1/2 NPT	
22	L	3/4" NPT	CKL 22 3/4 NPT		STA CKL 22 3/4 NPT	
28	L	1" NPT	CKL 28 1 NPT		STA CKL 28 1 NPT	
35	L	1 1/4" NPT	CKL 35 1 1/4 NPT		STA CKL 35 1 1/4 NPT	
42	L	1 1/2" NPT	CKL 42 1 1/2 NPT		STA CKL 42 1 1/2 NPT	
6	S	1/4" NPT	CKS 6 1/4 NPT		STA CKS 6 1/4 NPT	
8	S	1/4" NPT	CKS 8 1/4 NPT		STA CKS 8 1/4 NPT	
10	S	3/8" NPT	CKS 10 3/8 NPT		STA CKS 10 3/8 NPT	
12	S	3/8" NPT	CKS 12 3/8 NPT		STA CKS 12 3/8 NPT	
14	S	1/2" NPT	CKS 14 1/2 NPT		STA CKS 14 1/2 NPT	
16	S	1/2" NPT	CKS 16 1/2 NPT		STA CKS 16 1/2 NPT	
20	S	3/4" NPT	CKS 20 3/4 NPT		STA CKS 20 3/4 NPT	
25	S	1" NPT	CKS 25 1 NPT		STA CKS 25 1 NPT	
30	S	1 1/4" NPT	CKS 30 1 1/4 NPT		STA CKS 30 1 1/4 NPT	
38	S	1 1/2" NPT	CKS 38 1 1/2 NPT		STA CKS 38 1 1/2 NPT	

Por razones logísticas y de producción, estos productos se suministrarán según disponibilidad (Zn/Ni; CrIII; CrVI). Las referencias más estándar (equivalentes a la serie B, ver págs. (177-187), se suministrarán habitualmente en Zn/Ni. / Pour des raisons logistiques et de fabrication, les produits (Zn/Ni; CrIII; CrVI) seront fournis selon disponibilité. Les références standard, équivalentes à la série B, voir pages (177-187), seront fournies normalement en Zn/Ni. / For logistics and manufacturing reasons, products (Zn/Ni; CrIII; CrVI) will be supplied upon availability. Standard references, equivalent to B series, see pages (177-187), will, usually, be supplied in Zn/Ni. / Per ragioni di logistica e di produzione, questi articoli saranno forniti secondo la disponibilità (Zn/Ni; CrIII; CrVI) I codici più standard (equivalenti alla serie B, vedere pagine (177-187), saranno forniti abitualmente in Zn/Ni.

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

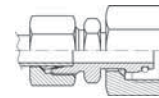
## Racor de reducción TL Métrica (serie ligera)



Union simple femelle tournante Métrique (L)  
Standpipe reducers with taper (L)  
Raccordo di riduzione cono 24 (L)

TUBO PIPE	SERIE	REFERENCIA PART N°	€
6	8	L	KORL 8-6TLM
6	10	L	KORL 10-6TLM
10	8	L	KORL 10-8 TLM
6	12	L	KORL 12-6TLM
8	12	L	KORL 12-8TLM
10	12	L	KORL 12-10TLM
6	15	L	KORL 15-6TLM
8	15	L	KORL 15-8TLM
10	15	L	KORL 15-10TLM
12	15	L	KORL 15-12TLM
6	18	L	KORL 18-6TLM
8	18	L	KORL 18-8TLM
10	18	L	KORL 18-10TLM
12	18	L	KORL 18-12TLM
15	18	L	KORL 18-15TLM
6	22	L	KORL 22-6TLM
8	22	L	KORL 22-8TLM
10	22	L	KORL 22-10TLM
12	22	L	KORL 22-12TLM
15	22	L	KORL 22-15TLM
18	22	L	KORL 22-18TLM
6	28	L	KORL 28-6TLM
8	28	L	KORL 28-8TLM
10	28	L	KORL 28-10TLM
12	28	L	KORL 28-12TLM
15	28	L	KORL 28-15TLM
18	28	L	KORL 28-18TLM
22	28	L	KORL 28-22TLM
15	35	L	KORL 35-15TLM
18	35	L	KORL 35-18TLM
22	35	L	KORL 35-22TLM
28	35	L	KORL 35-28TLM
18	42	L	KORL 42-18TLM
22	42	L	KORL 42-22TLM
28	42	L	KORL 42-28TLM
35	42	L	KORL 42-35TLM

## Racor de reducción TL Métrica (serie pesada)



Union simple femelle tournante Métrique (S)  
Standpipe reducers with taper (S)  
Raccordo di riduzione cono 24 (S)

TUBO PIPE	SERIE	REFERENCIA PART N°	€
6	8	S	KORS 8-6TLM
6	10	S	KORS 10-6TLM
8	10	S	KORS 10-8TLM
6	12	S	KORS 12-6TLM
8	12	S	KORS 12-8TLM
10	12	S	KORS 12-10TLM
6	14	S	KORS 14-6TLM
8	14	S	KORS 14-8TLM
10	14	S	KORS 14-10TLM
12	14	S	KORS 14-12TLM
8	16	S	KORS 16-8TLM
10	16	S	KORS 16-10TLM
12	16	S	KORS 16-12TLM
14	16	S	KORS 16-14TLM
6	20	S	KORS 20-6TLM
8	20	S	KORS 20-8TLM
10	20	S	KORS 20-10TLM
12	20	S	KORS 20-12TLM
14	20	S	KORS 20-14TLM
16	20	S	KORS 20-16TLM
6	25	S	KORS 25-6TLM
8	25	S	KORS 25-8TLM
10	25	S	KORS 25-10TLM
12	25	S	KORS 25-12TLM
14	25	S	KORS 25-14TLM
16	25	S	KORS 25-16TLM
20	25	S	KORS 25-20TLM
10	30	S	KORS 30-10TLM
12	30	S	KORS 30-12TLM
16	30	S	KORS 30-16TLM
20	30	S	KORS 30-20TLM
25	30	S	KORS 30-25TLM
12	38	S	KORS 38-12TLM
16	38	S	KORS 38-16TLM
20	38	S	KORS 38-20TLM
25	38	S	KORS 38-25TLM
30	38	S	KORS 38-30TLM

Por razones logísticas y de producción, estos productos se suministrarán según disponibilidad (Zn/Ni; CrIII; CrVI). Las referencias más estándar (equivalentes a la serie B, ver págs. (177-187), se suministrarán habitualmente en Zn/Ni. / Pour des raisons logistiques et de fabrication, les produits (Zn/Ni; CrIII; CrVI) seront fournis selon disponibilité. Les références standard, équivalentes à la série B, voir pages (177-187), seront fournies normalement en Zn/Ni. / For logistics and manufacturing reasons, products (Zn/Ni; CrIII; CrVI) will be supplied upon availability, Standard references, equivalent to B series, see pages (177-187), will, usually, be supplied in Zn/Ni. / Per ragioni di logistica e di produzione, questi articoli saranno forniti secondo la disponibilità (Zn/Ni; CrIII; CrVI) I codici più standard (equivalenti alla serie B, vedere pagine (177-187), saranno forniti abitualmente in Zn/Ni.

## Racores DIN 2353

Raccords à bague DIN 2353  
DIN 2353 Pipe fittings  
Raccordi ad anello DIN 2353

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

JIC 37° fittings

SAE Flanges

Clamps

Machines for  
processing rigid pipes

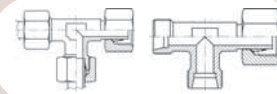
### Racor en codo regulable con tuerca y anillo



Coude orientable tube lisse équipé  
Adjustable stud elbow with nut and ring  
Raccordo orientabile a 90° con dado e anello

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	M12x1,5	EEL 6 CTA		STA EEL 6 CTA	
8	L	M14x1,5	EEL 8 CTA		STA EEL 8 CTA	
10	L	M16x1,5	EEL 10 CTA		STA EEL 10 CTA	
12	L	M18x1,5	EEL 12 CTA		STA EEL 12 CTA	
15	L	M22x1,5	EEL 15 CTA		STA EEL 15 CTA	
18	L	M26x1,5	EEL 18 CTA		STA EEL 18 CTA	
22	L	M30x2	EEL 22 CTA		STA EEL 22 CTA	
28	L	M36x2	EEL 28 CTA		STA EEL 28 CTA	
35	L	M45x2	EEL 35 CTA		STA EEL 35 CTA	
42	L	M52x2	EEL 42 CTA		STA EEL 42 CTA	
6	S	M14x1,5	EES 6 CTA		STA EES 6 CTA	
8	S	M16x1,5	EES 8 CTA		STA EES 8 CTA	
10	S	M18x1,5	EES 10 CTA		STA EES 10 CTA	
12	S	M20x1,5	EES 12 CTA		STA EES 12 CTA	
14	S	M22x1,5	EES 14 CTA		STA EES 14 CTA	
16	S	M24x1,5	EES 16 CTA		STA EES 16 CTA	
20	S	M30x2	EES 20 CTA		STA EES 20 CTA	
25	S	M36x2	EES 25 CTA		STA EES 25 CTA	
30	S	M42x2	EES 30 CTA		STA EES 30 CTA	
38	S	M52x2	EES 38 CTA		STA EES 38 CTA	

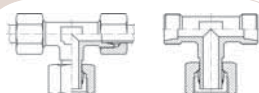
### Racor en L regulable con tuerca y anillo



L Orientable renversé tube lisse équipé  
Adjustable stud barrel L with nut and ring  
Raccordo orientabile a T con dado e anello laterale

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	M12x1,5	LEL 6 CTA		STA LEL 6 CTA	
8	L	M14x1,5	LEL 8 CTA		STA LEL 8 CTA	
10	L	M16x1,5	LEL 10 CTA		STA LEL 10 CTA	
12	L	M18x1,5	LEL 12 CTA		STA LEL 12 CTA	
15	L	M22x1,5	LEL 15 CTA		STA LEL 15 CTA	
18	L	M26x1,5	LEL 18 CTA		STA LEL 18 CTA	
22	L	M30x2	LEL 22 CTA		STA LEL 22 CTA	
28	L	M36x2	LEL 28 CTA		STA LEL 28 CTA	
35	L	M45x2	LEL 35 CTA		STA LEL 35 CTA	
42	L	M52x2	LEL 42 CTA		STA LEL 42 CTA	
6	S	M14x1,5	LES 6 CTA		STA LES 6 CTA	
8	S	M16x1,5	LES 8 CTA		STA LES 8 CTA	
10	S	M18x1,5	LES 10 CTA		STA LES 10 CTA	
12	S	M20x1,5	LES 12 CTA		STA LES 12 CTA	
14	S	M22x1,5	LES 14 CTA		STA LES 14 CTA	
16	S	M24x1,5	LES 16 CTA		STA LES 16 CTA	
20	S	M30x2	LES 20 CTA		STA LES 20 CTA	
25	S	M36x2	LES 25 CTA		STA LES 25 CTA	
30	S	M42x2	LES 30 CTA		STA LES 30 CTA	
38	S	M52x2	LES 38 CTA		STA LES 38 CTA	

### Racor en T regulable con tuerca y anillo



Té Orientable tube lisse équipé au centre  
Adjustable stud branch TEE with nut and ring  
Raccordo orientabile a T con dado e anello centrale

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	M12x1,5	TEL 6 CTA		STA TEL 6 CTA	
8	L	M14x1,5	TEL 8 CTA		STA TEL 8 CTA	
10	L	M16x1,5	TEL 10 CTA		STA TEL 10 CTA	
12	L	M18x1,5	TEL 12 CTA		STA TEL 12 CTA	
15	L	M22x1,5	TEL 15 CTA		STA TEL 15 CTA	
18	L	M26x1,5	TEL 18 CTA		STA TEL 18 CTA	
22	L	M30x2	TEL 22 CTA		STA TEL 22 CTA	
28	L	M36x2	TEL 28 CTA		STA TEL 28 CTA	
35	L	M45x2	TEL 35 CTA		STA TEL 35 CTA	
42	L	M52x2	TEL 42 CTA		STA TEL 42 CTA	
6	S	M14x1,5	TES 6 CTA		STA TES 6 CTA	
8	S	M16x1,5	TES 8 CTA		STA TES 8 CTA	
10	S	M18x1,5	TES 10 CTA		STA TES 10 CTA	
12	S	M20x1,5	TES 12 CTA		STA TES 12 CTA	
14	S	M22x1,5	TES 14 CTA		STA TES 14 CTA	
16	S	M24x1,5	TES 16 CTA		STA TES 16 CTA	
20	S	M30x2	TES 20 CTA		STA TES 20 CTA	
25	S	M36x2	TES 25 CTA		STA TES 25 CTA	
30	S	M42x2	TES 30 CTA		STA TES 30 CTA	
38	S	M52x2	TES 38 CTA		STA TES 38 CTA	

### Racor en codo tubo-TL Métrica



Coude orientable Métrique + o'ring  
Adjustable stud elbow with o'ring  
Raccordo orientabile a 90° con o'ring

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	M12x1,5	EEL 6 TLM		STA EEL 6 TLM	
8	L	M14x1,5	EEL 8 TLM		STA EEL 8 TLM	
10	L	M16x1,5	EEL 10 TLM		STA EEL 10 TLM	
12	L	M18x1,5	EEL 12 TLM		STA EEL 12 TLM	
15	L	M22x1,5	EEL 15 TLM		STA EEL 15 TLM	
18	L	M26x1,5	EEL 18 TLM		STA EEL 18 TLM	
22	L	M30x2	EEL 22 TLM		STA EEL 22 TLM	
28	L	M36x2	EEL 28 TLM		STA EEL 28 TLM	
35	L	M45x2	EEL 35 TLM		STA EEL 35 TLM	
42	L	M52x2	EEL 42 TLM		STA EEL 42 TLM	
6	S	M14x1,5	EES 6 TLM		STA EES 6 TLM	
8	S	M16x1,5	EES 8 TLM		STA EES 8 TLM	
10	S	M18x1,5	EES 10 TLM		STA EES 10 TLM	
12	S	M20x1,5	EES 12 TLM		STA EES 12 TLM	
14	S	M22x1,5	EES 14 TLM		STA EES 14 TLM	
16	S	M24x1,5	EES 16 TLM		STA EES 16 TLM	
20	S	M30x2	EES 20 TLM		STA EES 20 TLM	
25	S	M36x2	EES 25 TLM		STA EES 25 TLM	
30	S	M42x2	EES 30 TLM		STA EES 30 TLM	
38	S	M52x2	EES 38 TLM		STA EES 38 TLM	

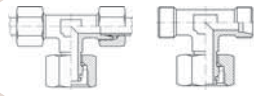
Por razones logísticas y de producción, estos productos se suministrarán según disponibilidad (Zn/Ni; CrIII; CrVI). Las referencias más estándar (equivalentes a la serie B, ver págs. (177-187), se suministrarán habitualmente en Zn/Ni. / Pour des raisons logistiques et de fabrication, les produits (Zn/Ni; CrIII; CrVI) seront fournis selon disponibilité. Les références standard, équivalentes à la série B, voir pages (177-187), seront fournies normalement en Zn/Ni. / For logistics and manufacturing reasons, products (Zn/Ni; CrIII; CrVI) will be supplied upon availability. Standard references, equivalent to B series, see pages (177-187), will, usually, be supplied in Zn/Ni. / Per ragioni di logistica e di produzione, questi articoli saranno forniti secondo la disponibilità (Zn/Ni; CrIII; CrVI) I codici più standard (equivalenti alla serie B, vedere pagine (177-187), saranno forniti abitualmente in Zn/Ni.

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

# Racores DIN 2353

Raccords à bague DIN 2353  
DIN 2353 Pipe fittings  
Raccordi ad anello DIN 2353

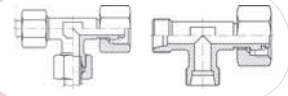
## Racor en T tubo-TL Métrica



**Té Orientable Métrique + o'ring**  
Adjustable stud branch TEE with o'ring  
Raccordo orientabile a T con o'ring centrale

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	M12x1,5	TEL 6 TLM		STA TEL 6 TLM	
8	L	M14x1,5	TEL 8 TLM		STA TEL 8 TLM	
10	L	M16x1,5	TEL 10 TLM		STA TEL 10 TLM	
12	L	M18x1,5	TEL 12 TLM		STA TEL 12 TLM	
15	L	M22x1,5	TEL 15 TLM		STA TEL 15 TLM	
18	L	M26x1,5	TEL 18 TLM		STA TEL 18 TLM	
22	L	M30x2	TEL 22 TLM		STA TEL 22 TLM	
28	L	M36x2	TEL 28 TLM		STA TEL 28 TLM	
35	L	M45x2	TEL 35 TLM		STA TEL 35 TLM	
42	L	M52x2	TEL 42 TLM		STA TEL 42 TLM	
6	S	M14x1,5	TES 6 TLM		STA TES 6 TLM	
8	S	M16x1,5	TES 8 TLM		STA TES 8 TLM	
10	S	M18x1,5	TES 10 TLM		STA TES 10 TLM	
12	S	M20x1,5	TES 12 TLM		STA TES 12 TLM	
14	S	M22x1,5	TES 14 TLM		STA TES 14 TLM	
16	S	M24x1,5	TES 16 TLM		STA TES 16 TLM	
20	S	M30x2	TES 20 TLM		STA TES 20 TLM	
25	S	M36x2	TES 25 TLM		STA TES 25 TLM	
30	S	M42x2	TES 30 TLM		STA TES 30 TLM	
38	S	M52x2	TES 38 TLM		STA TES 38 TLM	

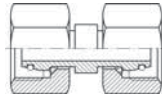
## Racor en L tubo-TL Métrica



**L Orientable renversé Métrique + o'ring**  
Adjustable stud barrel L with o'ring  
Raccordo orientabile a T con o'ring laterale

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	M12x1,5	LEL 6 TLM		STA LEL 6 TLM	
8	L	M14x1,5	LEL 8 TLM		STA LEL 8 TLM	
10	L	M16x1,5	LEL 10 TLM		STA LEL 10 TLM	
12	L	M18x1,5	LEL 12 TLM		STA LEL 12 TLM	
15	L	M22x1,5	LEL 15 TLM		STA LEL 15 TLM	
18	L	M26x1,5	LEL 18 TLM		STA LEL 18 TLM	
22	L	M30x2	LEL 22 TLM		STA LEL 22 TLM	
28	L	M36x2	LEL 28 TLM		STA LEL 28 TLM	
35	L	M45x2	LEL 35 TLM		STA LEL 35 TLM	
42	L	M52x2	LEL 42 TLM		STA LEL 42 TLM	
6	S	M14x1,5	LES 6 TLM		STA LES 6 TLM	
8	S	M16x1,5	LES 8 TLM		STA LES 8 TLM	
10	S	M18x1,5	LES 10 TLM		STA LES 10 TLM	
12	S	M20x1,5	LES 12 TLM		STA LES 12 TLM	
14	S	M22x1,5	LES 14 TLM		STA LES 14 TLM	
16	S	M24x1,5	LES 16 TLM		STA LES 16 TLM	
20	S	M30x2	LES 20 TLM		STA LES 20 TLM	
25	S	M36x2	LES 25 TLM		STA LES 25 TLM	
30	S	M42x2	LES 30 TLM		STA LES 30 TLM	
38	S	M52x2	LES 38 TLM		STA LES 38 TLM	

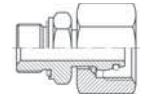
## Racor unión TL-TL Métrica



**Union tournante Métrique égale**  
Straight connection with o'ring  
Raccordo di estremità diritto Metrico con o'ring

TUBO PIPE	SERIE	REFERENCIA PART N°	€
6	L	ATL 6	
8	L	ATL 8	
10	L	ATL 10	
12	L	ATL 12	
15	L	ATL 15	
18	L	ATL 18	
22	L	ATL 22	
28	L	ATL 28	
35	L	ATL 35	
42	L	ATL 42	
6	S	ATS 6	
8	S	ATS 8	
10	S	ATS 10	
12	S	ATS 12	
14	S	ATS 14	
16	S	ATS 16	
20	S	ATS 20	
25	S	ATS 25	
30	S	ATS 30	
38	S	ATS 38	

## Tubo roscado recto métrico TLM



**Adapteur tube lisse x mâle met.a/écrou Met.+o'ring**  
Straight stud metric standpipe adpt.w/captive seal-o'ring Met. cyl  
Adattatore diritto Metrico TLM

TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
6	L	M10X1	RAL 6 TLM M 10X1	
8	L	M12X1,5	RAL 8 TLM M 12X1,5	
10	L	M14X1,5	RAL 10 TLM M 14X1,5	
12	L	M16X1,5	RAL 12 TLM M 16X1,5	
15	L	M18X1,5	RAL 15 TLM M 18X1,5	
18	L	M22X1,5	RAL 18 TLM M 22X1,5	
22	L	M26X1,5	RAL 22 TLM M 26X1,5	
28	L	M33X2	RAL 28 TLM M 33X2	
35	L	M42X2	RAL 35 TLM M 42X2	
42	L	M48X2	RAL 42 TLM M 48X2	
6	S	M12X1,5	RAS 6 TLM M 12X1,5	
8	S	M14X1,5	RAS 8 TLM M 14X1,5	
10	S	M16X1,5	RAS 10 TLM M 16X1,5	
12	S	M18X1,5	RAS 12 TLM M 18X1,5	
14	S	M20X1,5	RAS 14 TLM M 20X1,5	
16	S	M22X1,5	RAS 16 TLM M 22X1,5	
20	S	M27X2	RAS 20 TLM M 27X2	
25	S	M33X2	RAS 25 TLM M 33X2	
30	S	M42X2	RAS 30 TLM M 42X2	
38	S	M48X2	RAS 38 TLM M 48X2	

Por razones logísticas y de producción, estos productos se suministrarán según disponibilidad (Zn/Ni; CrIII; CrVI). Las referencias más estándar (equivalentes a la serie B, ver págs. (177-187), se suministrarán habitualmente en Zn/Ni. / Pour des raisons logistiques et de fabrication, les produits (Zn/Ni; CrIII; CrVI) seront fournis selon disponibilité. Les références standard, équivalentes à la série B, voir pages (177-187), seront fournies normalement en Zn/Ni. / For logistics and manufacturing reasons, products (Zn/Ni; CrIII; CrVI) will be supplied upon availability, Standard references, equivalent to B series, see pages (177-187), will, usually, be supplied in Zn/Ni. / Per ragioni di logistica e di produzione, questi articoli saranno forniti secondo la disponibilità (Zn/Ni; CrIII; CrVI) I codici più standard (equivalenti alla serie B, vedere pagine (177-187), saranno forniti abitualmente in Zn/Ni.

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



## Racores DIN 2353

Raccords à bague DIN 2353  
DIN 2353 Pipe fittings  
Raccordi ad anello DIN 2353

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

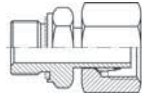
JIC 37° fittings

SAE Flanges

Clamps

Machines for  
processing rigid pipes

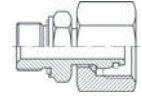
### Tubo rosca Métrica con tuerca y anillo



Adapteur tube lisse x mâle Métrique avec écrou et bague  
Straight stud standpipe adaptor Metric cyl with nut and ring  
Adattatore diritto Metrico cilindrico con guarnizione

TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
6	L	M10X1	<b>RAL 6 M 10X1 CTA</b>	
8	L	M12X1.5	<b>RAL 8 M 12X1.5 CTA</b>	
10	L	M14X1.5	<b>RAL 10 M 14X1.5 CTA</b>	
12	L	M16X1.5	<b>RAL 12 M 16X1.5 CTA</b>	
15	L	M18X1.5	<b>RAL 15 M 18X1.5 CTA</b>	
18	L	M22X1.5	<b>RAL 18 M 22X1.5 CTA</b>	
22	L	M26X1.5	<b>RAL 22 M 26X1.5 CTA</b>	
28	L	M33X2	<b>RAL 28 M 33X2 CTA</b>	
35	L	M42X2	<b>RAL 35 M 42X2 CTA</b>	
42	L	M48X2	<b>RAL 42 M 48X2 CTA</b>	
6	S	M12X1.5	<b>RAS 6 M 12X1.5 CTA</b>	
8	S	M14X1.5	<b>RAS 8 M 14X1.5 CTA</b>	
10	S	M16X1.5	<b>RAS 10 M 16X1.5 CTA</b>	
12	S	M18X1.5	<b>RAS 12 M 18X1.5 CTA</b>	
14	S	M20X1.5	<b>RAS 14 M 20X1.5 CTA</b>	
16	S	M22X1.5	<b>RAS 16 M 22X1.5 CTA</b>	
20	S	M27X2	<b>RAS 20 M 27X2 CTA</b>	
25	S	M33X2	<b>RAS 25 M 33X2 CTA</b>	
30	S	M42X2	<b>RAS 30 M 42X2 CTA</b>	
38	S	M48X2	<b>RAS 38 M 48X2 CTA</b>	

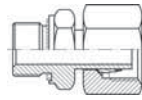
### Tubo roscado recto BSP TLM



Adapteur tube lisse x mâle gaz a/écrou+o'ring  
Straight stud standpipe adpt. w/captive seal&o'ring BSP cyl  
Adattatore diritto BSP TLM

TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
6	L	1/8"BSP	<b>RAL 6 TLM R 1/8</b>	
8	L	1/4"BSP	<b>RAL 8 TLM R 1/4</b>	
10	L	1/4"BSP	<b>RAL 10 TLM R 1/4</b>	
12	L	3/8"BSP	<b>RAL 12 TLM R 3/8</b>	
15	L	1/2"BSP	<b>RAL 15 TLM R 1/2</b>	
18	L	1/2"BSP	<b>RAL 18 TLM R 1/2</b>	
22	L	3/4"BSP	<b>RAL 22 TLM R 3/4</b>	
28	L	1"BSP	<b>RAL 28 TLM R 1</b>	
35	L	1"1/4BSP	<b>RAL 35 TLM R 1 1/4</b>	
42	L	1"1/2 BSP	<b>RAL 42 TLM R 1 1/2</b>	
6	S	1/4"BSP	<b>RAS 6 TLM R 1/4</b>	
8	S	1/4"BSP	<b>RAS 8 TLM R 1/4</b>	
10	S	3/8"BSP	<b>RAS 10 TLM R 3/8</b>	
12	S	3/8"BSP	<b>RAS 12 TLM R 3/8</b>	
14	S	1/2"BSP	<b>RAS 14 TLM R 1/2</b>	
16	S	1/2"BSP	<b>RAS 16 TLM R 1/2</b>	
20	S	3/4"BSP	<b>RAS 20 TLM R 3/4</b>	
25	S	1"BSP	<b>RAS 25 TLM R 1</b>	
30	S	1"1/4BSP	<b>RAS 30 TLM R 1 1/4</b>	
38	S	1"1/2BSP	<b>RAS 38 TLM R 1 1/2</b>	

### Tubo roscado recto BSP con tuerca y anillo



Adapteur tube lisse x mâle gaz + o'ring (avec écrou et bague)  
Straight stud standpipe adaptor with captive seal BSP cyl with nut and ring  
Adattatore diritto BSP cilindrico con guarnizione

TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
6	L	1/8"BSP	<b>RAL 6 R 1/8 CTA</b>	
8	L	1/4"BSP	<b>RAL 8 R 1/4 CTA</b>	
10	L	1/4"BSP	<b>RAL 10 R 1/4 CTA</b>	
12	L	3/8"BSP	<b>RAL 12 R 3/8 CTA</b>	
15	L	1/2"BSP	<b>RAL 15 R 1/2 CTA</b>	
18	L	1/2"BSP	<b>RAL 18 R 1/2 CTA</b>	
22	L	3/4"BSP	<b>RAL 22 R 3/4 CTA</b>	
28	L	1"BSP	<b>RAL 28 R 1 CTA</b>	
35	L	1"1/4BSP	<b>RAL 35 R 1 1/4 CTA</b>	
6	S	1/4"BSP	<b>RAS 6 R 1/4 CTA</b>	
8	S	1/4"BSP	<b>RAS 8 R 1/4 CTA</b>	
10	S	3/8"BSP	<b>RAS 10 R 3/8 CTA</b>	
12	S	3/8"BSP	<b>RAS 12 R 3/8 CTA</b>	
14	S	1/2"BSP	<b>RAS 14 R 1/2 CTA</b>	
16	S	1/2"BSP	<b>RAS 16 R 1/2 CTA</b>	
20	S	3/4"BSP	<b>RAS 20 R 3/4 CTA</b>	
25	S	1"BSP	<b>RAS 25 R 1 CTA</b>	
30	S	1"1/4BSP	<b>RAS 30 R 1 1/4 CTA</b>	
38	S	1"1/2BSP	<b>RAS 38 R 1 1/2 CTA</b>	

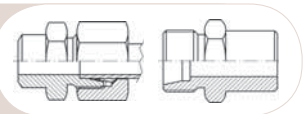
Por razones logísticas y de producción, estos productos se suministrarán según disponibilidad (Zn/Ni; CrIII; CrVI). Las referencias más estándar (equivalentes a la serie B, ver págs. (177-187), se suministrarán habitualmente en Zn/Ni. / Pour des raisons logistiques et de fabrication, les produits (Zn/Ni; CrIII; CrVI) seront fournis selon disponibilité. Les références standard, équivalentes à la série B, voir pages (177-187), seront fournies normalement en Zn/Ni. / For logistics and manufacturing reasons, products (Zn/Ni; CrIII; CrVI) will be supplied upon availability. Standard references, equivalent to B series, see pages (177-187), will, usually, be supplied in Zn/Ni. / Per ragioni di logistica e di produzione, questi articoli saranno forniti secondo la disponibilità (Zn/Ni; CrIII; CrVI) I codici più standard (equivalenti alla serie B, vedere pagine (177-187), saranno forniti abitualmente in Zn/Ni.

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

# Racores DIN 2353

Raccords à bague DIN 2353  
DIN 2353 Pipe fittings  
Raccordi ad anello DIN 2353

## Racor recto para soldar



Mamelon hexagonal à souder Métrique (DIN 2353) équipé avec bague et écrou

Weldable straight coupling

Raccordo diritto a saldare

TUBO PIPE	SERIE	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	ASL 6		STA ASL 6	
8	L	ASL 8		STA ASL 8	
10	L	ASL 10		STA ASL 10	
12	L	ASL 12		STA ASL 12	
15	L	ASL 15		STA ASL 15	
18	L	ASL 18		STA ASL 18	
22	L	ASL 22		STA ASL 22	
28	L	ASL 28		STA ASL 28	
35	L	ASL 35		STA ASL 35	
42	L	ASL 42		STA ASL 42	
6	S	ASS 6		STA ASS 6	
8	S	ASS 8		STA ASS 8	
10	S	ASS 10		STA ASS 10	
12	S	ASS 12		STA ASS 12	
14	S	ASS 14		STA ASS 14	
16	S	ASS 16		STA ASS 16	
20	S	ASS 20		STA ASS 20	
25	S	ASS 25		STA ASS 25	
30	S	ASS 30		STA ASS 30	
38	S	ASS 38		STA ASS 38	

## Racor pasatabique para soldar



Union double passe cloison Métrique à souder

Weldable bulkhead coupling

Raccordo passaparete a saldare

TUBO PIPE	SERIE	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	ESVL 6		STA ESVL 6	
8	L	ESVL 8		STA ESVL 8	
10	L	ESVL 10		STA ESVL 10	
12	L	ESVL 12		STA ESVL 12	
15	L	ESVL 15		STA ESVL 15	
18	L	ESVL 18		STA ESVL 18	
22	L	ESVL 22		STA ESVL 22	
28	L	ESVL 28		STA ESVL 28	
35	L	ESVL 35		STA ESVL 35	
42	L	ESVL 42		STA ESVL 42	
6	S	ESVS 6		STA ESVS 6	
8	S	ESVS 8		STA ESVS 8	
10	S	ESVS 10		STA ESVS 10	
12	S	ESVS 12		STA ESVS 12	
14	S	ESVS 14		STA ESVS 14	
16	S	ESVS 16		STA ESVS 16	
20	S	ESVS 20		STA ESVS 20	
25	S	ESVS 25		STA ESVS 25	
30	S	ESVS 30		STA ESVS 30	
38	S	ESVS 38		STA ESVS 38	

## Boquilla para soldar



Collet cône Métrique (DIN 2353) à souder (BW) o'ring

Welding nipple

Ogiva a saldare

TUBO PIPE	SERIE	REFERENCIA PART N°	€
8	S	ORIS 8X1.5	
10	S	ORIS 10X2	
12	S	ORIS 12X1.5	
12	S	ORIS 12X2.5	
14	S	ORIS 14X2	
14	S	ORIS 14X3	
16	S	ORIS 16X2	
16	S	ORIS 16X2.5	
16	S	ORIS 16X3	
20	S	ORIS 20X2.5	
20	S	ORIS 20X3	
20	S	ORIS 20X4	
25	S	ORIS 25X4	
30	S	ORIS 30X4	
30	S	ORIS 30X5	
38	S	ORIS 38X5	

Por razones logísticas y de producción, estos productos se suministrarán según disponibilidad (Zn/Ni; CrIII; CrVI). Las referencias más estándar (equivalentes a la serie B, ver págs. (177-187)), se suministrarán habitualmente en Zn/Ni. / Pour des raisons logistiques et de fabrication, les produits (Zn/Ni; CrIII; CrVI) seront fournis selon disponibilité. Les références standard, équivalentes à la série B, voir pages (177-187), seront fournies normalement en Zn/Ni. / For logistics and manufacturing reasons, products (Zn/Ni; CrIII; CrVI) will be supplied upon availability. Standard references, equivalent to B series, see pages (177-187), will, usually, be supplied in Zn/Ni. / Per ragioni di logistica e di produzione, questi articoli saranno forniti secondo la disponibilità (Zn/Ni; CrIII; CrVI) I codici più standard (equivalenti alla serie B, vedere pagine (177-187), saranno forniti abitualmente in Zn/Ni.

## Racores DIN 2353

Raccords à bague DIN 2353  
DIN 2353 Pipe fittings  
Raccordi ad anello DIN 2353

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

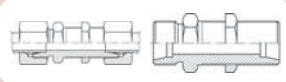
JIC 37° fittings

SAE Flanges

Clamps

Machines for  
processing rigid pipes

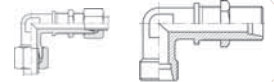
### Racor recto pasatabiques con tuerca



Union double passe cloison  
Straight bulkhead coupling  
Raccordo passaparete

TUBO PIPE	S.	R. P.	€	REFERENCIA STA PART N° STA	€
6	6	L	SVL 6	STA SVL 6	
8	8	L	SVL 8	STA SVL 8	
10	10	L	SVL 10	STA SVL 10	
12	12	L	SVL 12	STA SVL 12	
15	15	L	SVL 15	STA SVL 15	
18	18	L	SVL 18	STA SVL 18	
22	22	L	SVL 22	STA SVL 22	
28	28	L	SVL 28	STA SVL 28	
35	35	L	SVL 35	STA SVL 35	
42	42	L	SVL 42	STA SVL 42	
6	6	S	SVS 6	STA SVS 6	
8	8	S	SVS 8	STA SVS 8	
10	10	S	SVS 10	STA SVS 10	
12	12	S	SVS 12	STA SVS 12	
14	14	S	SVS 14	STA SVS 14	
16	16	S	SVS 16	STA SVS 16	
20	20	S	SVS 20	STA SVS 20	
25	25	S	SVS 25	STA SVS 25	
30	30	S	SVS 30	STA SVS 30	
38	38	S	SVS 38	STA SVS 38	

### Racor en codo pasatabiques con tuerca



Coude égal passe cloison  
Elbow bulkhead coupling  
Raccordo passaparete a 90°

TUBO PIPE	S.	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	17	L	USVL 6	STA USVL 6	
8	19	L	USVL 8	STA USVL 8	
10	22	L	USVL 10	STA USVL 10	
12	24	L	USVL 12	STA USVL 12	
15	27	L	USVL 15	STA USVL 15	
18	32	L	USVL 18	STA USVL 18	
22	36	L	USVL 22	STA USVL 22	
28	42	L	USVL 28	STA USVL 28	
35	50	L	USVL 35	STA USVL 35	
42	60	L	USVL 42	STA USVL 42	
8	22	S	USVS 8	STA USVS 8	
10	24	S	USVS 10	STA USVS 10	
12	27	S	USVS 12	STA USVS 12	
14	27	S	USVS 14	STA USVS 14	
16	30	S	USVS 16	STA USVS 16	
20	36	S	USVS 20	STA USVS 20	
25	42	S	USVS 25	STA USVS 25	
30	50	S	USVS 30	STA USVS 30	
38	60	S	USVS 38	STA USVS 38	

Por razones logísticas y de producción, estos productos se suministrarán según disponibilidad (Zn/Ni; CrIII; CrVI). Las referencias más estándar (equivalentes a la serie B, ver págs. (177-187), se suministrarán habitualmente en Zn/Ni. / Pour des raisons logistiques et de fabrication, les produits (Zn/Ni; CrIII; CrVI) seront fournis selon disponibilité. Les références standard, équivalentes à la série B, voir pages (177-187), seront fournies normalement en Zn/Ni. / For logistics and manufacturing reasons, products (Zn/Ni; CrIII; CrVI) will be supplied upon availability. Standard references, equivalent to B series, see pages (177-187), will, usually, be supplied in Zn/Ni. / Per ragioni di logistica e di produzione, questi articoli saranno forniti secondo la disponibilità (Zn/Ni; CrIII; CrVI) I codici più standard (equivalenti alla serie B, vedere pagine (177-187), saranno forniti abitualmente in Zn/Ni.

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

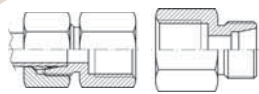


# Racores DIN 2353

Raccords à bague DIN 2353  
DIN 2353 Pipe fittings  
Raccordi ad anello DIN 2353

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## Racor recto hembra rosca BSP



Union simple femelle gaz  
Female stud coupling  
Raccordo diritto femmina BSP

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	1/8" BSP	GAIL 6 R 1/8		STA GAIL 6 R 1/8	
8	L	1/4" BSP	GAIL 8 R 1/4		STA GAIL 8 R 1/4	
10	L	1/4" BSP	GAIL 10 R 1/4		STA GAIL 10 R 1/4	
10	L	3/8" BSP	GAIL 10 R 3/8		STA GAIL 10 R 3/8	
10	L	1/2" BSP	GAIL 10 R 1/2		STA GAIL 10 R 1/2	
12	L	3/8" BSP	GAIL 12 R 3/8		STA GAIL 12 R 3/8	
12	L	1/2" BSP	GAIL 12 R 1/2		STA GAIL 12 R 1/2	
15	L	1/2" BSP	GAIL 15 R 1/2		STA GAIL 15 R 1/2	
18	L	1/2" BSP	GAIL 18 R 1/2		STA GAIL 18 R 1/2	
22	L	3/4" BSP	GAIL 22 R 3/4		STA GAIL 22 R 3/4	
28	L	1" BSP	GAIL 28 R 1		STA GAIL 28 R 1	
35	L	1 1/4" BSP	GAIL 35 R 1 1/4		STA GAIL 35 R 1 1/4	
42	L	1 1/2" BSP	GAIL 42 R 1 1/2		STA GAIL 42 R 1 1/2	
6	S	1/4" BSP	GAIS 6 R 1/4		STA GAIS 6 R 1/4	
8	S	1/4" BSP	GAIS 8 R 1/4		STA GAIS 8 R 1/4	
10	S	3/8" BSP	GAIS 10 R 3/8		STA GAIS 10 R 3/8	
14	S	1/2" BSP	GAIS 14 R 1/2		STA GAIS 14 R 1/2	
16	S	1/2" BSP	GAIS 16 R 1/2		STA GAIS 16 R 1/2	
20	S	3/4" BSP	GAIS 20 R 3/4		STA GAIS 20 R 3/4	
25	S	1" BSP	GAIS 25 R 1		STA GAIS 25 R 1	
30	S	1 1/4" BSP	GAIS 30 R 1 1/4		STA GAIS 30 R 1 1/4	
38	S	1 1/2" BSP	GAIS 38 R 1 1/2		STA GAIS 38 R 1 1/2	

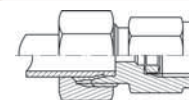
## Racor recto hembra rosca Métrica



Union simple femelle Métrique  
Female stud coupling Metric cyl  
Raccordo diritto femmina Metrico

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	M10x1	GAIL 6 M 10X1		STA GAIL 6 M 10X1	
8	L	M12x1,5	GAIL 8 M 12X1.5		STA GAIL 8 M 12X1.5	
10	L	M14x1.5	GAIL 10 M 14X1.5		STA GAIL 10 M 14X1.5	
12	L	M16x1.5	GAIL 12 M 16X1.5		STA GAIL 12 M 16X1.5	
15	L	M18x1.5	GAIL 15 M 18X1.5		STA GAIL 15 M 18X1.5	
18	L	M22x1.5	GAIL 18 M 22X1.5		STA GAIL 18 M 22X1.5	
22	L	M26x1.5	GAIL 22 M 26X1.5		STA GAIL 22 M 26X1.5	
6	S	M12x1,5	GAIS 6 M 12X1.5		STA GAIS 6 M 12X1.5	
8	S	M14x1,5	GAIS 8 M 14X1.5		STA GAIS 8 M 14X1.5	
10	S	M16x1,5	GAIS 10 M 16X1.5		STA GAIS 10 M 16X1.5	
12	S	M18x1,5	GAIS 12 M 18X1.5		STA GAIS 12 M 18X1.5	
14	S	M20x1,5	GAIS 14 M 20X1.5		STA GAIS 14 M 20X1.5	
20	S	M27x2	GAIS 20 M 27X2		STA GAIS 20 M 27X2	

## Racor para manómetro BSP



Union pour manomètre gaz  
Gauge coupling BSP cyl  
Raccordo per manometri BSP

TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
6	L	1/4" BSP	MAVL 6 R 1/4	
8	L	1/4" BSP	MAVL 8 R 1/4	
10	L	1/4" BSP	MAVL 10 R 1/4	
12	L	1/4" BSP	MAVL 12 R 1/4	
6	S	1/2" BSP	MAVS 6 R 1/2	
8	S	1/2" BSP	MAVS 8 R 1/2	
10	S	1/2" BSP	MAVS 10 R 1/2	
12	S	1/2" BSP	MAVS 12 R 1/2	

## Arandela para manómetros



Bague pour manomètres  
Seal for gauge coupling  
Guarnizioni per manometri

ROSCA THREAD	REFERENCIA PART N°	€
1/4" BSP	AM 1/4	
1/2" BSP	AM 1/2	

Por razones logísticas y de producción, estos productos se suministrarán según disponibilidad (Zn/Ni; CrIII; CrVI). Las referencias más estándar (equivalentes a la serie B, ver págs. (177-187), se suministrarán habitualmente en Zn/Ni. / Pour des raisons logistiques et de fabrication, les produits (Zn/Ni; CrIII; CrVI) seront fournis selon disponibilité. Les références standard, équivalentes à la série B, voir pages (177-187), seront fournies normalement en Zn/Ni. / For logistics and manufacturing reasons, products (Zn/Ni; CrIII; CrVI) will be supplied upon availability, Standard references, equivalent to B series, see pages (177-187), will, usually, be supplied in Zn/Ni. / Per ragioni di logistica e di produzione, questi articoli saranno forniti secondo la disponibilità (Zn/Ni; CrIII; CrVI) I codici più standard (equivalenti alla serie B, vedere pagine (177-187), saranno forniti abitualmente in Zn/Ni.

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

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

JIC 37° fittings

SAE Flanges

Clamps

Machines for processing rigid pipes

## Racores DIN 2353

Raccords à bague DIN 2353  
DIN 2353 Pipe fittings  
Raccordi ad anello DIN 2353

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

JIC 37° fittings

SAE Flanges

Clamps

Machines for  
processing rigid pipes

### Racor en codo orientable sin estrangulador rosca BSP



Equerre orientable sans étrangleur gaz BSP (passage total)  
Banjo coupling with captive seal and o-ring BSP cyl  
Raccordo orientabile a 90° ad occhio BSP con guarnizione

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	LL	1/8" BSP	WSVLL 6 R 1/8		STA WSVLL 6 R 1/8	
8	LL	1/8" BSP	WSVLL 8 R 1/8		STA WSVLL 8 R 1/8	
6	L	1/8" BSP	WSVL 6 R 1/8		STA WSVL 6 R 1/8	
8	L	1/4" BSP	WSVL 8 R 1/4		STA WSVL 8 R 1/4	
10	L	3/8" BSP	WSVL 10 R 1/4		STA WSVL 10 R 1/4	
12	L	3/8" BSP	WSVL 12 R 3/8		STA WSVL 12 R 3/8	
15	L	1/2" BSP	WSVL 15 R 1/2		STA WSVL 15 R 1/2	
18	L	1/2" BSP	WSVL 18 R 1/2		STA WSVL 18 R 1/2	
22	L	3/4" BSP	WSVL 22 R 3/4		STA WSVL 22 R 3/4	
28	L	1" BSP	WSVL 28 R 1		STA WSVL 28 R 1	
35	L	1 1/4" BSP	WSVL 35 R 1 1/4		STA WSVL 35 R 1 1/4	
42	L	1 1/2" BSP	WSVL 42 R 1 1/2		STA WSVL 42 R 1 1/2	
6	S	1/4" BSP	WSVS 6 R 1/4		STA WSVS 6 R 1/4	
8	S	1/4" BSP	WSVS 8 R 1/4		STA WSVS 8 R 1/4	
10	S	3/8" BSP	WSVS 10 R 3/8		STA WSVS 10 R 3/8	
12	S	3/8" BSP	WSVS 12 R 3/8		STA WSVS 12 R 3/8	
14	S	1/2" BSP	WSVS 14 R 1/2		STA WSVS 14 R 1/2	
16	S	1/2" BSP	WSVS 16 R 1/2		STA WSVS 16 R 1/2	
20	S	3/4" BSP	WSVS 20 R 3/4		STA WSVS 20 R 3/4	
25	S	1" BSP	WSVS 25 R 1		STA WSVS 25 R 1	
30	S	1 1/4" BSP	WSVS 30 R 1 1/4		STA WSVS 30 R 1 1/4	
38	S	1 1/2" BSP	WSVS 38 R 1 1/2		STA WSVS 38 R 1 1/2	

### Racor en codo orientable sin estrangulador rosca Métrica



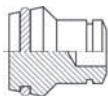
Equerre orientable sans étrangleur métrique (passage total)  
Banjo coupling with captive seal and o-ring metric cyl  
Raccordo orientabile a 90° ad occhio Metrico con guarnizione

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	LL	M10X1	WSVLL 6 M 10X1		STA WSVLL 6 M 10X1	
8	LL	M10X1	WSVLL 8 M 10X1		STA WSVLL 8 M 10X1	
6	L	M10X1	WSVL 6 M 10X1		STA WSVL 6 M 10X1	
8	L	M12X1.5	WSVL 8 M 12X1.5		STA WSVL 8 M 12X1.5	
10	L	M14X1.5	WSVL 10 M 14X1.5		STA WSVL 10 M 14X1.5	
12	L	M16X1.5	WSVL 12 M 16X1.5		STA WSVL 12 M 16X1.5	
15	L	M18X1.5	WSVL 15 M 18X1.5		STA WSVL 15 M 18X1.5	
18	L	M22X1.5	WSVL 18 M 22X1.5		STA WSVL 18 M 22X1.5	
22	L	M26X1.5	WSVL 22 M 26X1.5		STA WSVL 22 M 26X1.5	
28	L	M33X2	WSVL 28 M 33X2		STA WSVL 28 M 33X2	
35	L	M42X2	WSVL 35 M 42X2		STA WSVL 35 M 42X2	
42	L	M48X2	WSVL 42 M 48X2		STA WSVL 42 M 48X2	
8	S	M14X1.5	WSVS 8 M 14X1.5		STA WSVS 8 M 14X1.5	
10	S	M16X1.5	WSVS 10 M 16X1.5		STA WSVS 10 M 16X1.5	
12	S	M18X1.5	WSVS 12 M 18X1.5		STA WSVS 12 M 18X1.5	
14	S	M20X1.5	WSVS 14 M 20X1.5		STA WSVS 14 M 20X1.5	
16	S	M22X1.5	WSVS 16 M 22X1.5		STA WSVS 16 M 22X1.5	
20	S	M27X2	WSVS 20 M 27X2		STA WSVS 20 M 27X2	
25	S	M33X2	WSVS 25 M 33X2		STA WSVS 25 M 33X2	
30	S	M42X2	WSVS 30 M 42X2		STA WSVS 30 M 42X2	
38	S	M48x2	WSVS 38 M 48X2		STA WSVS 38 M 48X2	

Por razones logísticas y de producción, estos productos se suministrarán según disponibilidad (Zn/Ni; CrIII; CrVI). Las referencias más estándar (equivalentes a la serie B, ver págs. (177-187), se suministrarán habitualmente en Zn/Ni. / Pour des raisons logistiques et de fabrication, les produits (Zn/Ni; CrIII; CrVI) seront fournis selon disponibilité. Les références standard, équivalentes à la série B, voir pages (177-187), seront fournies normalement en Zn/Ni. / For logistics and manufacturing reasons, products (Zn/Ni; CrIII; CrVI) will be supplied upon availability. Standard references, equivalent to B series, see pages (177-187), will, usually, be supplied in Zn/Ni. / Per ragioni di logistica e di produzione, questi articoli saranno forniti secondo la disponibilità (Zn/Ni; CrIII; CrVI) I codici più standard (equivalenti alla serie B, vedere pagine (177-187), saranno forniti abitualmente in Zn/Ni.

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

## Tapón de cierre para tubo



Bouchon de fermeture avec o'ring  
Blanking plug with o'ring  
Tappo di chiusura con o'ring

TUBO PIPE	SERIE	REFERENCIA PART N°	€
6	L/S	<b>BUTZEN L 6</b>	
8	L/S	<b>BUTZEN L 8</b>	
10	L/S	<b>BUTZEN L 10</b>	
12	L/S	<b>BUTZEN L 12</b>	
15	L	<b>BUTZEN L 15</b>	
18	L	<b>BUTZEN L 18</b>	
22	L	<b>BUTZEN L 22</b>	
28	L	<b>BUTZEN L 28</b>	
35	L	<b>BUTZEN L 35</b>	
42	L	<b>BUTZEN L 42</b>	
14	S	<b>BUTZEN S 14</b>	
16	S	<b>BUTZEN S 16</b>	
20	S	<b>BUTZEN S 20</b>	
25	S	<b>BUTZEN S 25</b>	
30	S	<b>BUTZEN S 30</b>	
38	S	<b>BUTZEN S 38</b>	

## Tapón de cierre Allen rosca Métrica con junta



Bouchon Allen Métrique avec o'ring  
Blanking plug with captive seal Metric cyl  
Tappo cilindrico Metrico esagono incassato con guarnizione

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
14	M10X1	<b>STOPFEN M 10X1</b>	
17	M12X1.5	<b>STOPFEN M 12X1.5</b>	
19	M14X1.5	<b>STOPFEN M 14X1.5</b>	
22	M16X1.5	<b>STOPFEN M 16X1.5</b>	
24	M18X1.5	<b>STOPFEN M 18X1.5</b>	
27	M22X1.5	<b>STOPFEN M 22X1.5</b>	
32	M26X1.5	<b>STOPFEN M 26X1.5</b>	
32	M27X2	<b>STOPFEN M 27X2</b>	
40	M33X2	<b>STOPFEN M 33X2</b>	
50	M42X2	<b>STOPFEN M 42X2</b>	
55	M48X2	<b>STOPFEN M 48X2</b>	

## Tapón de cierre Allen rosca BSP con junta



Bouchon Allen gaz avec o'ring  
Blanking plug with captive seal BSP cyl  
Tappo cilindrico BSP esagono incassato con o'ring

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
14	1/8" BSP	<b>STOPFEN 1/8</b>	
19	1/4" BSP	<b>STOPFEN 1/4</b>	
22	3/8" BSP	<b>STOPFEN 3/8</b>	
27	1/2" BSP	<b>STOPFEN 1/2</b>	
32	3/4" BSP	<b>STOPFEN 3/4</b>	
40	1" BSP	<b>STOPFEN 1</b>	
50	1"1/4 BSP	<b>STOPFEN 1 1/4</b>	
55	1"1/2 BSP	<b>STOPFEN 1 1/2</b>	
72	2" BSP	<b>STOPFEN 2</b>	

## Tapón



Bouchon  
Plug  
Tappo

TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
6	L	12x1.5	<b>STA TML 6</b>	
8	L	14x1.5	<b>STA TML 8</b>	
10	L	16x1.5	<b>STA TML 10</b>	
12	L	18x1.5	<b>STA TML 12</b>	
15	L	22x1.5	<b>STA TML 15</b>	
18	L	26x1.5	<b>STA TML 18</b>	
22	L	30x2	<b>STA TML 22</b>	
28	L	36x2	<b>STA TML 28</b>	
35	L	45x2	<b>STA TML 35</b>	
42	L	52x2	<b>STA TML 42</b>	
6	S	14x1.5	<b>STA TMS 6</b>	
8	S	16x1.5	<b>STA TMS 8</b>	
10	S	18x1.5	<b>STA TMS 10</b>	
12	S	20x1.5	<b>STA TMS 12</b>	
14	S	22x1.5	<b>STA TMS 14</b>	
16	S	24x1.5	<b>STA TMS 16</b>	
20	S	30x2	<b>STA TMS 20</b>	
25	S	36x2	<b>STA TMS 25</b>	
30	S	42x2	<b>STA TMS 30</b>	
38	S	52x2	<b>STA TMS 38</b>	

Por razones logísticas y de producción, estos productos se suministrarán según disponibilidad (Zn/Ni; CrIII; CrVI). Las referencias más estándar (equivalentes a la serie B, ver págs. (177-187), se suministrarán habitualmente en Zn/Ni. / Pour des raisons logistiques et de fabrication, les produits (Zn/Ni; CrIII; CrVI) seront fournis selon disponibilité. Les références standard, équivalentes à la série B, voir pages (177-187), seront fournies normalement en Zn/Ni. / For logistics and manufacturing reasons, products (Zn/Ni; CrIII; CrVI) will be supplied upon availability. Standard references, equivalent to B series, see pages (177-187), will, usually, be supplied in Zn/Ni. / Per ragioni di logistica e di produzione, questi articoli saranno forniti secondo la disponibilità (Zn/Ni; CrIII; CrVI) I codici più standard (equivalenti alla serie B, vedere pagine (177-187), saranno forniti abitualmente in Zn/Ni.

## Racores DIN 2353

Raccords à bague DIN 2353  
DIN 2353 Pipe fittings  
Raccordi ad anello DIN 2353

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

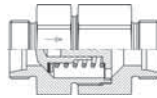
JIC 37° fittings

SAE Flanges

Clamps

Machines for  
processing rigid pipes

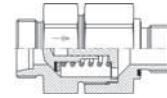
### Antirretorno tubo-tubo



Clapet antiretour bidirectional tube-tube  
Non-return valve tube-tube  
Valvola di ritegno tubo-tubo

TUBO PIPE	SERIE	REFERENCIA PART N°	€
6	L	RHDL 6	
8	L	RHDL 8	
10	L	RHDL 10	
12	L	RHDL 12	
15	L	RHDL 15	
18	L	RHDL 18	
22	L	RHDL 22	
28	L	RHDL 28	
35	L	RHDL 35	
42	L	RHDL 42	
6	S	RHDS 6	
8	S	RHDS 8	
10	S	RHDS 10	
12	S	RHDS 12	
14	S	RHDS 14	
16	S	RHDS 16	
20	S	RHDS 20	
25	S	RHDS 25	
30	S	RHDS 30	
38	S	RHDS 38	

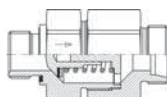
### Antirretorno tubo - rosca BSP



Clapet antiretour unidir. à droite tube-mâle BSP  
Non-return valve flow towards male stud end BSP cyl  
Valvola di ritegno a destra

TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
6	L	1/8" BSP	RHZL 6 R 1/8	
8	L	1/4" BSP	RHZL 8 R 1/4	
10	L	1/4" BSP	RHZL 10 R 1/4	
12	L	3/8" BSP	RHZL 12 R 3/8	
15	L	1/2" BSP	RHZL 15 R 1/2	
18	L	1/2" BSP	RHZL 18 R 1/2	
22	L	3/4" BSP	RHZL 22 R 3/4	
28	L	1" BSP	RHZL 28 R 1	
35	L	1"1/4 BSP	RHZL 35 R 1 1/4	
42	L	1"1/2 BSP	RHZL 42 R 1 1/2	
6	S	1/4" BSP	RHZS 6 R 1/4	
8	S	1/4" BSP	RHZS 8 R 1/4	
10	S	3/8" BSP	RHZS 10 R 3/8	
12	S	3/8" BSP	RHZS 12 R 3/8	
14	S	1/2" BSP	RHZS 14 R 1/2	
16	S	1/2" BSP	RHZS 16 R 1/2	
20	S	3/4" BSP	RHZS 20 R 3/4	
25	S	1" BSP	RHZS 25 R 1	
30	S	1"1/4 BSP	RHZS 30 R 1 1/4	
38	S	1"1/2 BSP	RHZS 38 R 1 1/2	

### Antirretorno rosca BSP - tubo



Clapet antiretour unidir. à gauche mâle BSP-tube  
Non-return valve flow from male stud end BSP cyl  
Valvola di ritegno a sinistra

TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
6	L	1/8" BSP	RHVL 6 R 1/8	
8	L	1/4" BSP	RHVL 8 R 1/4	
10	L	1/4" BSP	RHVL 10 R 1/4	
12	L	3/8" BSP	RHVL 12 R 3/8	
15	L	1/2" BSP	RHVL 15 R 1/2	
18	L	1/2" BSP	RHVL 18 R 1/2	
22	L	3/4" BSP	RHVL 22 R 3/4	
28	L	1" BSP	RHVL 28 R 1	
35	L	1"1/4 BSP	RHVL 35 R 1 1/4	
42	L	1"1/2 BSP	RHVL 42 R 1 1/2	
6	S	1/4" BSP	RHVS 6 R 1/4	
8	S	1/4" BSP	RHVS 8 R 1/4	
10	S	3/8" BSP	RHVS 10 R 3/8	
12	S	3/8" BSP	RHVS 12 R 3/8	
14	S	1/2" BSP	RHVS 14 R 1/2	
16	S	1/2" BSP	RHVS 16 R 1/2	
20	S	3/4" BSP	RHVS 20 R 3/4	
25	S	1" BSP	RHVS 25 R 1	
30	S	1"1/4 BSP	RHVS 30 R 1 1/4	
38	S	1"1/2 BSP	RHVS 38 R 1 1/2	

Por razones logísticas y de producción, estos productos se suministrarán según disponibilidad (Zn/Ni; CrIII; CrVI). Las referencias más estándar (equivalentes a la serie B, ver págs. (177-187), se suministrarán habitualmente en Zn/Ni. / Pour des raisons logistiques et de fabrication, les produits (Zn/Ni; CrIII; CrVI) seront fournis selon disponibilité. Les références standard, équivalentes à la série B, voir pages (177-187), seront fournies normalement en Zn/Ni. / For logistics and manufacturing reasons, products (Zn/Ni; CrIII; CrVI) will be supplied upon availability. Standard references, equivalent to B series, see pages (177-187), will, usually, be supplied in Zn/Ni. / Per ragioni di logistica e di produzione, questi articoli saranno forniti secondo la disponibilità (Zn/Ni; CrIII; CrVI) I codici più standard (equivalenti alla serie B, vedere pagine (177-187), saranno forniti abitualmente in Zn/Ni.

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

Racores DIN 2353 **CrIII**

**Raccords DIN 2353 CrIII**

**DIN 2353 pipe fittings CrIII**

**Raccordi DIN 2353 CrIII**

## Racores DIN 2353 CrIII

Raccords à bague DIN 2353 CrIII

DIN 2353 Pipe fittings CrIII

Raccordi ad anello DIN 2353 CrIII

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

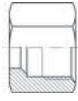
JIC 37° fittings

SAE Flanges

Clamps

Machines for  
processing rigid pipes

### Tuerca Métrica DIN 3870



Écrou Métrique DIN 3870

Nuts DIN 3870

Dadi Metrici DIN 3870

TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
6	L	M12X1,5	B ML 6	
8	L	M14X1,5	B ML 8	
10	L	M16X1,5	B ML 10	
12	L	M18x1,5	B ML 12	
15	L	M22X1,5	B ML 15	
18	L	M26X1,5	B ML 18	
22	L	M30X2	B ML 22	
28	L	M36X2	B ML 28	
35	L	M45X2	B ML 35	
42	L	M52X2	B ML 42	
6	S	M14X1,5	B MS 6	
8	S	M16X1,5	B MS 8	
10	S	M18X1,5	B MS 10	
12	S	M20X1,5	B MS 12	
14	S	M22X1,5	B MS 14	
16	S	M24X1,5	B MS 16	
20	S	M30X2	B MS 20	
25	S	M36x2	B MS 25	
30	S	M42X2	B MS 30	
38	S	M52X2	B MS 38	

### Anillos de corte DIN 3861



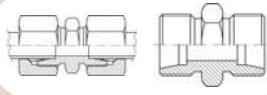
Bague Métrique DIN 3861

Cutting rings DIN 3861

Anelli DIN 3861

TUBO PIPE	SERIE	REFERENCIA PART N°	€
6	L/S	B ACL 6	
8	L/S	B ACL 8	
10	L/S	B ACL 10	
12	L/S	B ACL 12	
15	L	B ACL 15	
18	L	B ACL 18	
22	L	B ACL 22	
28	L	B ACL 28	
35	L	B ACL 35	
42	L	B ACL 42	
14	S	B ACS 14	
16	S	B ACS 16	
20	S	B ACS 20	
25	S	B ACS 25	
30	S	B ACS 30	
38	S	B ACS 38	

### Unión recta tubo-tubo



Union double

Straight coupling

Raccordo intermedio diritto

TUBO PIPE	SERIE	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	B DL 6		B STA DL 6	
8	L	B DL 8		B STA DL 8	
10	L	B DL 10		B STA DL 10	
12	L	B DL 12		B STA DL 12	
15	L	B DL 15		B STA DL 15	
18	L	B DL 18		B STA DL 18	
22	L	B DL 22		B STA DL 22	
28	L	B DL 28		B STA DL 28	
35	L	B DL 35		B STA DL 35	
42	L	B DL 42		B STA DL 42	
6	S	B DS 6		B STA DS 6	
8	S	B DS 8		B STA DS 8	
10	S	B DS 10		B STA DS 10	
12	S	B DS 12		B STA DS 12	
14	S	B DS 14		B STA DS 14	
16	S	B DS 16		B STA DS 16	
20	S	B DS 20		B STA DS 20	
25	S	B DS 25		B STA DS 25	
30	S	B DS 30		B STA DS 30	
38	S	B DS 38		B STA DS 38	

### Unión recta en reducción tubo-tubo



Union double en réduction (tuyau-tuyau)

Straight reducing coupling (pipe-pipe)

Raccordo intermedio di riduzione (tubo-tubo)

TUBO PIPE	S.	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
8	6	L B DL 8-6		B STA DL 8-6	
10	6	L B DL 10-6		B STA DL 10-6	
10	8	L B DL 10-8		B STA DL 10-8	
12	10	L B DL 12-10		B STA DL 12-10	
15	12	L B DL 15-12		B STA DL 15-12	
18	15	L B DL 18-15		B STA DL 18-15	
22	18	L B DL 22-18		B STA DL 22-18	
28	22	L B DL 28-22		B STA DL 28-22	
16	14	S B DS 16-14		B STA DS 16-14	
20	16	S B DS 20-16		B STA DS 20-16	
25	20	S B DS 25-20		B STA DS 25-20	

## Racores DIN 2353 CrIII

Raccords à bague DIN 2353 CrIII

DIN 2353 Pipe fittings CrIII

Raccordi ad anello DIN 2353 CrIII

### Unión en codo tubo-tubo



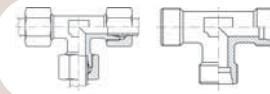
Coude égal

Equal elbow coupling

Raccordo intermedio a 90°

TUBO PIPE	SERIE	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	B EL 6		B STA EL 6	
8	L	B EL 8		B STA EL 8	
10	L	B EL 10		B STA EL 10	
12	L	B EL 12		B STA EL 12	
15	L	B EL 15		B STA EL 15	
18	L	B EL 18		B STA EL 18	
22	L	B EL 22		B STA EL 22	
28	L	B EL 28		B STA EL 28	
35	L	B EL 35		B STA EL 35	
42	L	B EL 42		B STA EL 42	
6	S	B ES 6		B STA ES 6	
8	S	B ES 8		B STA ES 8	
10	S	B ES 10		B STA ES 10	
12	S	B ES 12		B STA ES 12	
14	S	B ES 14		B STA ES 14	
16	S	B ES 16		B STA ES 16	
20	S	B ES 20		B STA ES 20	
25	S	B ES 25		B STA ES 25	
30	S	B ES 30		B STA ES 30	
38	S	B ES 38		B STA ES 38	

### Unión en T tubo tubo



Té égal

Equal Tee

Raccordo intermedio a T

TUBO PIPE	SERIE	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	B TL 6		B STA TL 6	
8	L	B TL 8		B STA TL 8	
10	L	B TL 10		B STA TL 10	
12	L	B TL 12		B STA TL 12	
15	L	B TL 15		B STA TL 15	
18	L	B TL 18		B STA TL 18	
22	L	B TL 22		B STA TL 22	
28	L	B TL 28		B STA TL 28	
35	L	B TL 35		B STA TL 35	
42	L	B TL 42		B STA TL 42	
6	S	B TS 6		B STA TS 6	
8	S	B TS 8		B STA TS 8	
10	S	B TS 10		B STA TS 10	
12	S	B TS 12		B STA TS 12	
14	S	B TS 14		B STA TS 14	
16	S	B TS 16		B STA TS 16	
20	S	B TS 20		B STA TS 20	
25	S	B TS 25		B STA TS 25	
30	S	B TS 30		B STA TS 30	
38	S	B TS 38		B STA TS 38	



## Racores DIN 2353 CrIII

Raccords à bague DIN 2353 CrIII

DIN 2353 Pipe fittings CrIII

Raccordi ad anello DIN 2353 CrIII

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

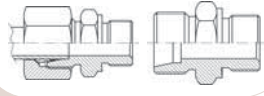
JIC 37° fittings

SAE Flanges

Clamps

Machines for processing rigid pipes

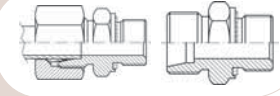
### Racor recto rosca cilíndrica BSP



Union simple mâle gaz cyl  
Straight male stud coupling BSP cyl  
Raccordo di estremità diritto BSP

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	1/8" BSP	B AL 6 R 1/8		B STA AL 6 R 1/8	
6	L	1/4" BSP	B AL 6 R 1/4		B STA AL 6 R 1/4	
6	L	3/8" BSP	B AL 6 R 3/8		B STA AL 6 R 3/8	
8	L	1/8" BSP	B AL 8 R 1/8		B STA AL 8 R 1/8	
8	L	1/4" BSP	B AL 8 R 1/4		B STA AL 8 R 1/4	
8	L	3/8" BSP	B AL 8 R 3/8		B STA AL 8 R 3/8	
8	L	1/2" BSP	B AL 8 R 1/2		B STA AL 8 R 1/2	
10	L	1/4" BSP	B AL 10 R 1/4		B STA AL 10 R 1/4	
10	L	3/8" BSP	B AL 10 R 3/8		B STA AL 10 R 3/8	
10	L	1/2" BSP	B AL 10 R 1/2		B STA AL 10 R 1/2	
12	L	1/4" BSP	B AL 12 R 1/4		B STA AL 12 R 1/4	
12	L	1/2" BSP	B AL 12 R 1/2		B STA AL 12 R 1/2	
12	L	3/8" BSP	B AL 12 R 3/8		B STA AL 12 R 3/8	
15	L	3/8" BSP	B AL 15 R 3/8		B STA AL 15 R 3/8	
15	L	1/2" BSP	B AL 15 R 1/2		B STA AL 15 R 1/2	
18	L	1/2" BSP	B AL 18 R 1/2		B STA AL 18 R 1/2	
18	L	3/4" BSP	B AL 18 R 3/4		B STA AL 18 R 3/4	
22	L	1/2" BSP	B AL 22 R 1/2		B STA AL 22 R 1/2	
22	L	3/4" BSP	B AL 22 R 3/4		B STA AL 22 R 3/4	
28	L	1" BSP	B AL 28 R 1		B STA AL 28 R 1	
35	L	1" BSP	B AL 35 R 1		B STA AL 35 R 1	
35	L	1 1/4" BSP	B AL 35 R 1 1/4		B STA AL 35 R 1 1/4	
42	L	1 1/2" BSP	B AL 42 R 1 1/2		B STA AL 42 R 1 1/2	
6	S	1/4" BSP	B AS 6 R 1/4		B STA AS 6 R 1/4	
8	S	1/4" BSP	B AS 8 R 1/4		B STA AS 8 R 1/4	
10	S	1/4" BSP	B AS 10 R 1/4		B STA AS 10 R 1/4	
10	S	3/8" BSP	B AS 10 R 3/8		B STA AS 10 R 3/8	
12	S	3/8" BSP	B AS 12 R 3/8		B STA AS 12 R 3/8	
12	S	1/2" BSP	B AS 12 R 1/2		B STA AS 12 R 1/2	
14	S	3/8" BSP	B AS 14 R 3/8		B STA AS 14 R 3/8	
14	S	1/2" BSP	B AS 14 R 1/2		B STA AS 14 R 1/2	
16	S	3/8" BSP	B AS 16 R 3/8		B STA AS 16 R 3/8	
16	S	1/2" BSP	B AS 16 R 1/2		B STA AS 16 R 1/2	
16	S	3/4" BSP	B AS 16 R 3/4		B STA AS 16 R 3/4	
20	S	3/4" BSP	B AS 20 R 3/4		B STA AS 20 R 3/4	
25	S	3/4" BSP	B AS 25 R 3/4		B STA AS 25 R 3/4	
25	S	1" BSP	B AS 25 R 1		B STA AS 25 R 1	
30	S	1" BSP	B AS 30 R 1		B STA AS 30 R 1	
30	S	1 1/4" BSP	B AS 30 R 1 1/4		B STA AS 30 R 1 1/4	
38	S	1 1/2" BSP	B AS 38 R 1 1/2		B STA AS 38 R 1 1/2	

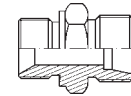
### Racor recto rosca cilíndrica BSP con junta



Union simple mâle gaz cyl avec joint plat  
Straight male stud coupling with captive seal BSP cyl  
Raccordo di estremità diritto BSP con guarnizione

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	1/4" BSP	B AL 6 R 1/4 WD		B STA AL 6 R 1/4 WD	
6	L	1/8" BSP	B AL 6 R 1/8 WD		B STA AL 6 R 1/8 WD	
8	L	1/4" BSP	B AL 8 R 1/4 WD		B STA AL 8 R 1/4 WD	
8	L	1/8" BSP	B AL 8 R 1/8 WD		B STA AL 8 R 1/8 WD	
8	L	3/8" BSP	B AL 8 R 3/8 WD		B STA AL 8 R 3/8 WD	
10	L	1/2" BSP	B AL 10 R 1/2 WD		B STA AL 10 R 1/2 WD	
10	L	1/4" BSP	B AL 10 R 1/4 WD		B STA AL 10 R 1/4 WD	
10	L	3/8" BSP	B AL 10 R 3/8 WD		B STA AL 10 R 3/8 WD	
12	L	1/2" BSP	B AL 12 R 1/2 WD		B STA AL 12 R 1/2 WD	
12	L	1/4" BSP	B AL 12 R 1/4 WD		B STA AL 12 R 1/4 WD	
12	L	3/8" BSP	B AL 12 R 3/8 WD		B STA AL 12 R 3/8 WD	
15	L	1/2" BSP	B AL 15 R 1/2 WD		B STA AL 15 R 1/2 WD	
15	L	3/4" BSP	B AL 15 R 3/4 WD		B STA AL 15 R 3/4 WD	
15	L	3/8" BSP	B AL 15 R 3/8 WD		B STA AL 15 R 3/8 WD	
18	L	1/2" BSP	B AL 18 R 1/2 WD		B STA AL 18 R 1/2 WD	
18	L	3/4" BSP	B AL 18 R 3/4 WD		B STA AL 18 R 3/4 WD	
22	L	1/2" BSP	B AL 22 R 1/2 WD		B STA AL 22 R 1/2 WD	
22	L	3/4" BSP	B AL 22 R 3/4 WD		B STA AL 22 R 3/4 WD	
22	L	1" BSP	B AL 22 R 1 WD		B STA AL 22 R 1 WD	
28	L	3/4" BSP	B AL 28 R 3/4 WD		B STA AL 28 R 3/4 WD	
28	L	1" BSP	B AL 28 R 1 WD		B STA AL 28 R 1 WD	
8	S	1/4" BSP	B AS 8 R 1/4 WD		B STA AS 8 R 1/4 WD	
10	S	1/4" BSP	B AS 10 R 1/4 WD		B STA AS 10 R 1/4 WD	
10	S	3/8" BSP	B AS 10 R 3/8 WD		B STA AS 10 R 3/8 WD	
12	S	1/2" BSP	B AS 12 R 1/2 WD		B STA AS 12 R 1/2 WD	
12	S	1/4" BSP	B AS 12 R 1/4 WD		B STA AS 12 R 1/4 WD	
12	S	3/8" BSP	B AS 12 R 3/8 WD		B STA AS 12 R 3/8 WD	
14	S	1/2" BSP	B AS 14 R 1/2 WD		B STA AS 14 R 1/2 WD	
16	S	1/2" BSP	B AS 16 R 1/2 WD		B STA AS 16 R 1/2 WD	
16	S	3/8" BSP	B AS 16 R 3/8 WD		B STA AS 16 R 3/8 WD	
20	S	3/4" BSP	B AS 20 R 3/4 WD		B STA AS 20 R 3/4 WD	
25	S	1" BSP	B AS 25 R 1 WD		B STA AS 25 R 1 WD	

### Racor recto rosca cilíndrica BSP 60°



Union simple mâle gaz cyl 60°  
Straight male stud coupling BSP cyl 60°  
Raccordo di estremità diritto BSP 60°

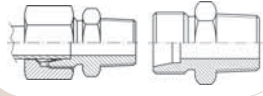
TUBO PIPE	S.	ROSCA THREAD	REFERENCIA PART N°	€
6	L	1/8" BSP	M12x1,5	B STA AL 6 RC 1/8
6	L	1/4" BSP	M12x1,5	B STA AL 6 RC 1/4
8	L	1/4" BSP	M14x1,5	B STA AL 8 RC 1/4
8	L	3/8" BSP	M14x1,5	B STA AL 8 RC 3/8
10	L	1/4" BSP	M16x1,5	B STA AL 10 RC 1/4
10	L	3/8" BSP	M16x1,5	B STA AL 10 RC 3/8
10	L	1/2" BSP	M16x1,5	B STA AL 10 RC 1/2
12	L	1/4" BSP	M18x1,5	B STA AL 12 RC 1/4
12	L	3/8" BSP	M18x1,5	B STA AL 12 RC 3/8
12	L	1/2" BSP	M18x1,5	B STA AL 12 RC 1/2
15	L	3/8" BSP	M22x1,5	B STA AL 15 RC 3/8
15	L	1/2" BSP	M22x1,5	B STA AL 15 RC 1/2
18	L	1/2" BSP	M26x1,5	B STA AL 18 RC 1/2
22	L	3/4" BSP	M30x2	B STA AL 22 RC 3/4
28	L	1" BSP	M36x2	B STA AL 28 RC 1
16	S	3/8" BSP	M24x1,5	B STA AS 16 RC 3/8
16	S	1/2" BSP	M24x1,5	B STA AS 16 RC 1/2
20	S	3/4" BSP	M30x2	B STA AS 20 RC 3/4
25	S	1" BSP	M36x2	B STA AS 25 RC 1



## Racores DIN 2353 CrIII

Raccords à bague DIN 2353 CrIII  
DIN 2353 Pipe fittings CrIII  
Raccordi ad anello DIN 2353 CrIII

### Racor recto rosca cónica BSPT

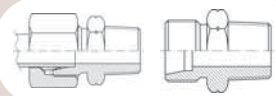


Union simple mâle conique

Straight male stud coupling BSPT tapered  
Raccordo di estremità diritto conico BSPT

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	1/4" BSPT	B AKL 6 R 1/4		B STA AKL 6 R 1/4	
8	L	1/4" BSPT	B AKL 8 R 1/4		B STA AKL 8 R 1/4	
10	L	1/4" BSPT	B AKL 10 R 1/4		B STA AKL 10 R 1/4	
10	L	3/8" BSPT	B AKL 10 R 3/8		B STA AKL 10 R 3/8	
12	L	1/4" BSPT	B AKL 12 R 1/4		B STA AKL 12 R 1/4	
12	L	3/8" BSPT	B AKL 12 R 3/8		B STA AKL 12 R 3/8	
12	L	1/2" BSPT	B AKL 12 R 1/2		B STA AKL 12 R 1/2	
15	L	1/2" BSPT	B AKL 15 R 1/2		B STA AKL 15 R 1/2	
18	L	1/2" BSPT	B AKL 18 R 1/2		B STA AKL 18 R 1/2	
22	L	3/4" BSPT	B AKL 22 R 3/4		B STA AKL 22 R 3/4	
10	S	3/8" BSPT	B AKS 10 R 3/8		B STA AKS 10 R 3/8	
12	S	3/8" BSPT	B AKS 12 R 3/8		B STA AKS 12 R 3/8	
16	S	1/2" BSPT	B AKS 16 R 1/2		B STA AKS 16 R 1/2	

### Racor recto rosca cónica NPT

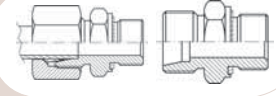


Union simple mâle NPT

Straight male stud coupling NPT  
Raccordo di estremità diritto NPT conico

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	1/8" NPT	B AKL 6 1/8 NPT		B STA AKL 6 1/8 NPT	
6	L	1/4" NPT	B AKL 6 1/4 NPT		B STA AKL 6 1/4 NPT	
8	L	1/4" NPT	B AKL 8 1/4 NPT		B STA AKL 8 1/4 NPT	
10	L	1/4" NPT	B AKL 10 1/4 NPT		B STA AKL 10 1/4 NPT	
12	L	3/8" NPT	B AKL 12 3/8 NPT		B STA AKL 12 3/8 NPT	
12	L	1/2" NPT	B AKL 12 1/2 NPT		B STA AKL 12 1/2 NPT	
15	L	1/2" NPT	B AKL 15 1/2 NPT		B STA AKL 15 1/2 NPT	
18	L	1/2" NPT	B AKL 18 1/2 NPT		B STA AKL 18 1/2 NPT	
22	L	3/4" NPT	B AKL 22 3/4 NPT		B STA AKL 22 3/4 NPT	
6	S	1/4" NPT	B AKS 6 1/4 NPT		B STA AKS 6 1/4 NPT	
8	S	1/4" NPT	B AKS 8 1/4 NPT		B STA AKS 8 1/4 NPT	
16	S	1/2" NPT	B AKS 16 1/2 NPT		B STA AKS 16 1/2 NPT	
20	S	3/4" NPT	B AKS 20 3/4 NPT		B STA AKS 20 3/4 NPT	
25	S	1" NPT	B AKS 25 1 NPT		B STA AKS 25 1 NPT	

### Racor recto rosca cilíndrica Métrica con junta

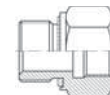


Union simple mâle Métrique cyl avec joint plat

Straight male stud coupling with captive seal Metrical cyl  
Raccordo di estremità diritto cilindrico Metrico con guarnizione

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	M10x1	B AL 6 M 10X1 WD		B STA AL 6 M 10X1 WD	
8	L	M12x1,5	B AL 8 M 12X1.5 WD		B STA AL 8 M 12X1.5 WD	
10	L	M14x1,5	B AL 10 M 14X1.5 WD		B STA AL 10 M 14X1.5 WD	
10	L	M16x1,5	B AL 10 M 16X1.5 WD		B STA AL 10 M 16X1.5 WD	
12	L	M16x1,5	B AL 12 M 16X1.5 WD		B STA AL 12 M 16X1.5 WD	
12	L	M18x1,5	B AL 12 M 18X1.5 WD		B STA AL 12 M 18X1.5 WD	
15	L	M22x1,5	B AL 15 M 22X1.5 WD		B STA AL 15 M 22X1.5 WD	
18	L	M22x1,5	B AL 18 M 22X1.5 WD		B STA AL 18 M 22X1.5 WD	
22	L	M26x1,5	B AL 22 M 26X1.5 WD		B STA AL 22 M 26X1.5 WD	
28	L	M33x2	B AL 28 M 33X2 WD		B STA AL 28 M 33X2 WD	

### Reducción con rosca M-HF BSP con junta



Réduction mâle gaz-femelle gaz avec joint plat

Male-female reducing adaptor BSP cyl with captive seal  
Adattatore di riduzione filettato maschio-femmina BSP con guarnizione

ROSCA THREAD	REFERENCIA PART N°	€
M 1/4" BSP	F 1/8" BSP	B RI-R 1/4 R 1/8WD
M 1/4" BSP	F 3/8" BSP	B RI-R 1/4 R 3/8WD
M 1/4" BSP	F 1/2" BSP	B RI-R 1/4 R 1/2WD
M 3/8" BSP	F 1/4" BSP	B RI-R 3/8 R 1/4WD
M 3/8" BSP	F 1/2" BSP	B RI-R 3/8 R 1/2WD
M 1/2" BSP	F 1/4" BSP	B RI-R 1/2 R 1/4WD
M 1/2" BSP	F 3/8" BSP	B RI-R 1/2 R 3/8WD
M 1/2" BSP	F 3/4" BSP	B RI-R 1/2 R 3/4WD
M 1/2" BSP	F 1" BSP	B RI-R 1/2 R 1WD
M 3/4" BSP	F 1/4" BSP	B RI-R 3/4 R 1/4WD
M 3/4" BSP	F 3/8" BSP	B RI-R 3/4 R 3/8WD
M 3/4" BSP	F 1/2" BSP	B RI-R 3/4 R 1/2WD
M 3/4" BSP	F 1" BSP	B RI-R 3/4 R 1WD
M 1" BSP	F 1/2" BSP	B RI-R 1 R 1/2WD
M 1" BSP	F 3/4" BSP	B RI-R 1 R 3/4WD
M 1 1/4 BSP	F 1" BSP	B RI-R 1 1/4 R 1WD
M 1 1/2 BSP	F 1/2" BSP	B RI-R 1 1/2 R 1/2WD
M 1 1/2 BSP	F 3/4" BSP	B RI-R 1 1/2 R 3/4WD
M 1 1/2 BSP	F 1" BSP	B RI-R 1 1/2 R 1WD

## Racores DIN 2353 CrIII

Raccords à bague DIN 2353 CrIII

DIN 2353 Pipe fittings CrIII

Raccordi ad anello DIN 2353 CrIII

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

JIC 37° fittings

SAE Flanges

Clamps

Machines for processing rigid pipes

### Racor en codo rosca cónica BSPT

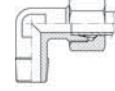


Union coude mâle gaz conique type G  
Male stud elbow BSPT

Raccordo di estremità a 90° conico BSPT

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	1/8" BSPT	B CKL 6 R 1/8		B STA CKL 6 R 1/8	
6	L	1/4" BSPT	B CKL 6 R 1/4		B STA CKL 6 R 1/4	
8	L	1/8" BSPT	B CKL 8 R 1/8		B STA CKL 8 R 1/8	
8	L	1/4" BSPT	B CKL 8 R 1/4		B STA CKL 8 R 1/4	
8	L	3/8" BSPT	B CKL 8 R 3/8		B STA CKL 8 R 3/8	
10	L	1/4" BSPT	B CKL 10 R 1/4		B STA CKL 10 R 1/4	
10	L	3/8" BSPT	B CKL 10 R 3/8		B STA CKL 10 R 3/8	
12	L	1/4" BSPT	B CKL 12 R 1/4		B STA CKL 12 R 1/4	
12	L	3/8" BSPT	B CKL 12 R 3/8		B STA CKL 12 R 3/8	
12	L	1/2" BSPT	B CKL 12 R 1/2		B STA CKL 12 R 1/2	
15	L	3/8" BSPT	B CKL 15 R 3/8		B STA CKL 15 R 3/8	
15	L	1/2" BSPT	B CKL 15 R 1/2		B STA CKL 15 R 1/2	
18	L	1/2" BSPT	B CKL 18 R 1/2		B STA CKL 18 R 1/2	
22	L	3/4" BSPT	B CKL 22 R 3/4		B STA CKL 22 R 3/4	
10	S	3/8" BSPT	B CKS 10 R 3/8		B STA CKS 10 R 3/8	
12	S	3/8" BSPT	B CKS 12 R 3/8		B STA CKS 12 R 3/8	
14	S	1/2" BSPT	B CKS 14 R 1/2		B STA CKS 14 R 1/2	
16	S	1/2" BSPT	B CKS 16 R 1/2		B STA CKS 16 R 1/2	
20	S	3/4" BSPT	B CKS 20 R 3/4		B STA CKS 20 R 3/4	
25	S	1" BSPT	B CKS 25 R 1		B STA CKS 25 R 1	

### Racor en codo rosca cónica NPT



Union coude mâle gaz conique NPT

Male stud elbow NPTconical

Raccordo a gomito, conico NPT

TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
6	L	1/8 NPT	B STA CKL 6 1/8 NPT	
8	L	1/4 NPT	B STA CKL 8 1/4 NPT	
10	L	1/4 NPT	B STA CKL 10 1/4 NPT	
12	L	3/8 NPT	B STA CKL 12 3/8 NPT	
15	L	1/2 NPT	B STA CKL 15 1/2 NPT	
18	L	1/2 NPT	B STA CKL 18 1/2 NPT	
22	L	3/4 NPT	B STA CKL 22 3/4 NPT	
16	S	1/2 NPT	B STA CKS 16 1/2 NPT	
20	S	3/4 NPT	B STA CKS 20 3/4 NPT	
25	S	1" NPT	B STA CKS 25 1 NPT	

### Racor de reducción TL Métrica (serie ligera)



Union simple femelle tournante Métrique (L)

Standpipe reducers with taper (L)

Raccordo di riduzione cono 24 (L)

TUBO PIPE	S.	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
10	8	L B KORL 10-8TLM		B STA KORL 10-8 TLM	
8	12	L B KORL 12-8TLM		B STA KORL 12-8 TLM	
10	12	L B KORL 12-10TLM		B STA KORL 12-10 TLM	
12	15	L B KORL 15-12TLM		B STA KORL 15-12 TLM	
12	18	L B KORL 18-12TLM		B STA KORL 18-12 TLM	
18	22	L B KORL 22-18TLM		B STA KORL 22-18 TLM	
22	28	L B KORL 28-22TLM		B STA KORL 28-22 TLM	
22	35	L B KORL 35-22TLM		B STA KORL 35-22 TLM	
35	42	L B KORL 42-35TLM		B STA KORL 42-35 TLM	

### Racor de reducción TL Métrica (serie pesada)



Union simple femelle tournante Métrique (S)

Standpipe reducers with taper (S)

Raccordo di riduzione cono 24 (S)

TUBO PIPE	S.	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
12	16	S B KORS 16-12TLM		B STA KORS 16-12TLM	
16	20	S B KORS 20-16TLM		B STA KORS 20-16TLM	
16	25	S B KORS 25-16TLM		B STA KORS 25-16 TLM	
20	25	S B KORS 25-20TLM		B STA KORS 25-20 TLM	

## Racores DIN 2353 CrIII

Raccords à bague DIN 2353 CrIII

DIN 2353 Pipe fittings CrIII

Raccordi ad anello DIN 2353 CrIII

### Racor en codo regulable con tuerca y anillo



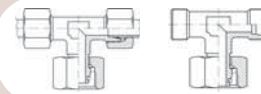
Coude orientable tube lisse équipé

Adjustable stud elbow with nut and ring

Raccordo orientabile a 90° con dado e anello

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	M12x1,5	B EEL 6 CTA		B STA EEL 6 CTA	
8	L	M14x1,5	B EEL 8 CTA		B STA EEL 8 CTA	
10	L	M16x1,5	B EEL 10 CTA		B STA EEL 10 CTA	
12	L	M18x1,5	B EEL 12 CTA		B STA EEL 12 CTA	
15	L	M22x1,5	B EEL 15 CTA		B STA EEL 15 CTA	
18	L	M26x1,5	B EEL 18 CTA		B STA EEL 18 CTA	
22	L	M30x2	B EEL 22 CTA		B STA EEL 22 CTA	
28	L	M36x2	B EEL 28 CTA		B STA EEL 28 CTA	
35	L	M45x2	B EEL 35 CTA		B STA EEL 35 CTA	
42	L	M52x2	B EEL 42 CTA		B STA EEL 42 CTA	
6	S	M14x1,5	B EES 6 CTA		B STA EES 6 CTA	
8	S	M16x1,5	B EES 8 CTA		B STA EES 8 CTA	
10	S	M18x1,5	B EES 10 CTA		B STA EES 10 CTA	
12	S	M20x1,5	B EES 12 CTA		B STA EES 12 CTA	
14	S	M22x1,5	B EES 14 CTA		B STA EES 14 CTA	
16	S	M24x1,5	B EES 16 CTA		B STA EES 16 CTA	
20	S	M30x2	B EES 20 CTA		B STA EES 20 CTA	
25	S	M36x2	B EES 25 CTA		B STA EES 25 CTA	
30	S	M42x2	B EES 30 CTA		B STA EES 30 CTA	
38	S	M52x2	B EES 38 CTA		B STA EES 38 CTA	

### Racor en T tubo-TL Métrica



Té Orientable Métrique + o'ring

Adjustable stud branch TEE with o'ring

Raccordo orientabile a T con o'ring centrale

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	M12x1,5	B TEL 6 TLM		B STA TEL 6 TLM	
8	L	M14x1,5	B TEL 8 TLM		B STA TEL 8 TLM	
10	L	M16x1,5	B TEL 10 TLM		B STA TEL 10 TLM	
12	L	M18x1,5	B TEL 12 TLM		B STA TEL 12 TLM	
15	L	M22x1,5	B TEL 15 TLM		B STA TEL 15 TLM	
18	L	M26x1,5	B TEL 18 TLM		B STA TEL 18 TLM	
22	L	M30x2	B TEL 22 TLM		B STA TEL 22 TLM	
28	L	M36x2	B TEL 28 TLM		B STA TEL 28 TLM	
35	L	M45x2	B TEL 35 TLM		B STA TEL 35 TLM	
42	L	M52x2	B TEL 42 TLM		B STA TEL 42 TLM	
6	S	M14x1,5	B TES 6 TLM		B STA TES 6 TLM	
8	S	M16x1,5	B TES 8 TLM		B STA TES 8 TLM	
10	S	M18x1,5	B TES 10 TLM		B STA TES 10 TLM	
12	S	M20x1,5	B TES 12 TLM		B STA TES 12 TLM	
14	S	M22x1,5	B TES 14 TLM		B STA TES 14 TLM	
16	S	M24x1,5	B TES 16 TLM		B STA TES 16 TLM	
20	S	M30x2	B TES 20 TLM		B STA TES 20 TLM	
25	S	M36x2	B TES 25 TLM		B STA TES 25 TLM	
30	S	M42x2	B TES 30 TLM		B STA TES 30 TLM	
38	S	M52x2	B TES 38 TLM		B STA TES 38 TLM	

### Racor en codo tubo TL Métrica



Coude orientable Métrique + o'ring

Adjustable stud elbow with o'ring

Raccordo orientabile a 90° con o'ring

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	M12x1,5	B EEL 6 TLM		B STA EEL 6 TLM	
8	L	M14x1,5	B EEL 8 TLM		B STA EEL 8 TLM	
10	L	M16x1,5	B EEL 10 TLM		B STA EEL 10 TLM	
12	L	M18x1,5	B EEL 12 TLM		B STA EEL 12 TLM	
15	L	M22x1,5	B EEL 15 TLM		B STA EEL 15 TLM	
18	L	M26x1,5	B EEL 18 TLM		B STA EEL 18 TLM	
22	L	M30x2	B EEL 22 TLM		B STA EEL 22 TLM	
28	L	M36x2	B EEL 28 TLM		B STA EEL 28 TLM	
35	L	M45x2	B EEL 35 TLM		B STA EEL 35 TLM	
42	L	M52x2	B EEL 42 TLM		B STA EEL 42 TLM	
6	S	M14x1,5	B EES 6 TLM		B STA EES 6 TLM	
8	S	M16x1,5	B EES 8 TLM		B STA EES 8 TLM	
10	S	M18x1,5	B EES 10 TLM		B STA EES 10 TLM	
12	S	M20x1,5	B EES 12 TLM		B STA EES 12 TLM	
14	S	M22x1,5	B EES 14 TLM		B STA EES 14 TLM	
16	S	M24x1,5	B EES 16 TLM		B STA EES 16 TLM	
20	S	M30x2	B EES 20 TLM		B STA EES 20 TLM	
25	S	M36x2	B EES 25 TLM		B STA EES 25 TLM	
30	S	M42x2	B EES 30 TLM		B STA EES 30 TLM	

### Racor en L tubo-TL Métrica



L Orientable renversé Métrique + o'ring

Adjustable stud barrel L with o'ring

Raccordo orientabile a T con o'ring laterale

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	M12x1,5	B LEL 6 TLM		B STA LEL 6 TLM	
8	L	M14x1,5	B LEL 8 TLM		B STA LEL 8 TLM	
10	L	M16x1,5	B LEL 10 TLM		B STA LEL 10 TLM	
12	L	M18x1,5	B LEL 12 TLM		B STA LEL 12 TLM	
15	L	M22x1,5	B LEL 15 TLM		B STA LEL 15 TLM	
18	L	M26x1,5	B LEL 18 TLM		B STA LEL 18 TLM	
22	L	M30x2	B LEL 22 TLM		B STA LEL 22 TLM	
28	L	M36x2	B LEL 28 TLM		B STA LEL 28 TLM	
35	L	M45x2	B LEL 35 TLM		B STA LEL 35 TLM	
42	L	M52x2	B LEL 42 TLM		B STA LEL 42 TLM	
6	S	M14x1,5	B LES 6 TLM		B STA LES 6 TLM	
8	S	M16x1,5	B LES 8 TLM		B STA LES 8 TLM	
10	S	M18x1,5	B LES 10 TLM		B STA LES 10 TLM	
12	S	M20x1,5	B LES 12 TLM		B STA LES 12 TLM	
14	S	M22x1,5	B LES 14 TLM		B STA LES 14 TLM	
16	S	M24x1,5	B LES 16 TLM		B STA LES 16 TLM	
20	S	M30x2	B LES 20 TLM		B STA LES 20 TLM	
25	S	M36x2	B LES 25 TLM		B STA LES 25 TLM	
30	S	M42x2	B LES 30 TLM		B STA LES 30 TLM	
38	S	M52x2	B LES 38 TLM		B STA LES 38 TLM	

## Racores DIN 2353 CrIII

Raccords à bague DIN 2353 CrIII

DIN 2353 Pipe fittings CrIII

Raccordi ad anello DIN 2353 CrIII

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

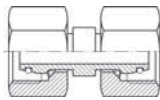
JIC 37° fittings

SAE Flanges

Clamps

Machines for processing rigid pipes

### Racor unión TL-TL Métrica



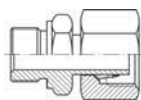
Union tournante Métrique égale

Straight connection with o'ring

Raccordo di estremità diritto Metrico con o'ring

TUBO PIPE	SERIE	REFERENCIA PART N°	€
6	L	B ATL 6	
8	L	B ATL 8	
10	L	B ATL 10	
12	L	B ATL 12	
15	L	B ATL 15	
18	L	B ATL 18	
22	L	B ATL 22	

### Tubo roscado recto BSP con tuerca y anillo



Adapteur tube lisse x mâle gaz + o'ring (avec écrou et bague)

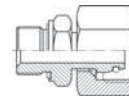
Straight stud standpipe adaptor with captive seal BSP cyl with nut and ring

Adattatore diritto BSP cilindrico con guarnizione

TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
6	L	1/8"BSP	B RAL 6 R 1/8 CTA	
8	L	1/4"BSP	B RAL 8 R 1/4 CTA	
10	L	1/4"BSP	B RAL 10 R 1/4 CTA	
12	L	3/8"BSP	B RAL 12 R 3/8 CTA	
15	L	1/2"BSP	B RAL 15 R 1/2 CTA	
18	L	1/2"BSP	B RAL 18 R 1/2 CTA	
22	L	3/4"BSP	B RAL 22 R 3/4 CTA	
28	L	1"BSP	B RAL 28 R 1 CTA	
35	L	1"1/4BSP	B RAL 35 R 1 1/4 CTA	
6	S	1/4"BSP	B RAS 6 R 1/4 CTA	
8	S	1/4"BSP	B RAS 8 R 1/4 CTA	
10	S	3/8"BSP	B RAS 10 R 3/8 CTA	
12	S	3/8"BSP	B RAS 12 R 3/8 CTA	
14	S	1/2"BSP	B RAS 14 R 1/2 CTA	
16	S	1/2"BSP	B RAS 16 R 1/2 CTA	
20	S	3/4"BSP	B RAS 20 R 3/4 CTA	
25	S	1"BSP	B RAS 25 R 1 CTA	
30	S	1"1/4BSP	B RAS 30 R 1 1/4 CTA	
38	S	1"1/2BSP	B RAS 38 R 1 1/2 CTA	

Hasta fin de existencias//Jusqu'à fin du stock//Until end of stock//Fino ad esaurimento scorta

### Tubo roscado recto BSP TLM



Adapteur tube lisse x mâle gaz a/écrou+o'ring

Straight stud standpipe adpt. w/captive seal&o'ring BSP cyl

Adattatore diritto BSP TLM

TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
6	L	1/8"BSP	B RAL 6 TLM R 1/8	
8	L	1/4"BSP	B RAL 8 TLM R 1/4	
10	L	1/4"BSP	B RAL 10 TLM R 1/4	
12	L	3/8 BSP	B RAL 12 TLM R 3/8	
15	L	1/2"BSP	B RAL 15 TLM R 1/2	
18	L	1/2"BSP	B RAL 18 TLM R 1/2	
22	L	3/4"BSP	B RAL 22 TLM R 3/4	
28	L	1"BSP	B RAL 28 TLM R 1	
35	L	1"1/4 BSP	B RAL 35 TLM R 1 1/4	
42	L	1"1/2 BSP	B RAL 42 TLM R 1 1/2	
6	S	1/4"BSP	B RAS 6 TLM R 1/4	
8	S	1/4"BSP	B RAS 8 TLM R 1/4	
10	S	3/8"BSP	B RAS 10 TLM R 3/8	
12	S	3/8"BSP	B RAS 12 TLM R 3/8	
14	S	1/2"BSP	B RAS 14 TLM R 1/2	
16	S	1/2"BSP	B RAS 16 TLM R 1/2	
20	S	3/4"BSP	B RAS 20 TLM R 3/4	
25	S	1"BSP	B RAS 25 TLM R 1	
30	S	1"1/4 BSP	B RAS 30 TLM R 1 1/4	
38	S	1"1/2 BSP	B RAS 38 TLM R 1 1/2	

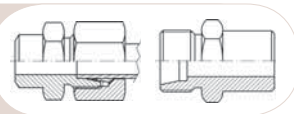
## Racores DIN 2353 CrIII

Raccords à bague DIN 2353 CrIII

DIN 2353 Pipe fittings CrIII

Raccordi ad anello DIN 2353 CrIII

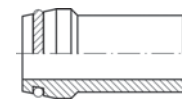
### Racor recto para soldar



Raccord droit à souder  
Weldable straight coupling  
Raccordo diritto a saldare

TUBO PIPE	SERIE	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	B ASL 6		B STA ASL 6	
8	L	B ASL 8		B STA ASL 8	
10	L	B ASL 10		B STA ASL 10	
12	L	B ASL 12		B STA ASL 12	
15	L	B ASL 15		B STA ASL 15	
18	L	B ASL 18		B STA ASL 18	
22	L	B ASL 22		B STA ASL 22	
28	L	B ASL 28		B STA ASL 28	
35	L	B ASL 35		B STA ASL 35	
42	L	B ASL 42		B STA ASL 42	
14	S	B ASS 14		B STA ASS 14	
16	S	B ASS 16		B STA ASS 16	
20	S	B ASS 20		B STA ASS 20	
25	S	B ASS 25		B STA ASS 25	
30	S	B ASS 30		B STA ASS 30	
38	S	B ASS 38		B STA ASS 38	

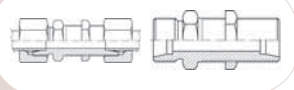
### Boquilla para soldar



Collet cône Métrique (DIN 2353) à souder (BW) o'ring  
Welding nipple  
Ogiva a saldare

TUBO PIPE	SERIE	REFERENCIA PART N°	€
8	S	B ORIS 8X1.5	
10	S	B ORIS 10X2	
12	S	B ORIS 12X2.5	
16	S	B ORIS 16X3	
20	S	B ORIS 20X4	
25	S	B ORIS 25X4	
30	S	B ORIS 30X5	
38	S	B ORIS 38X5	

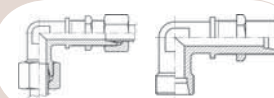
### Racor recto pasatabiques con tuerca



Union double passe cloison  
Straight bulkhead coupling  
Raccordo passaparete

TUBO PIPE	S.	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	6	L B SVL 6		B STA SVL 6	
8	8	L B SVL 8		B STA SVL 8	
10	10	L B SVL 10		B STA SVL 10	
12	12	L B SVL 12		B STA SVL 12	
15	15	L B SVL 15		B STA SVL 15	
18	18	L B SVL 18		B STA SVL 18	
22	22	L B SVL 22		B STA SVL 22	
28	28	L B SVL 28		B STA SVL 28	
35	35	L B SVL 35		B STA SVL 35	
42	42	L B SVL 42		B STA SVL 42	
6	6	S B SVS 6		B STA SVS 6	
8	8	S B SVS 8		B STA SVS 8	
10	10	S B SVS 10		B STA SVS 10	
12	12	S B SVS 12		B STA SVS 12	
14	14	S B SVS 14		B STA SVS 14	
16	16	S B SVS 16		B STA SVS 16	
20	20	S B SVS 20		B STA SVS 20	
25	25	S B SVS 25		B STA SVS 25	
30	30	S B SVS 30		B STA SVS 30	

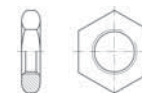
### Racor en codo pasatabiques con tuerca



Coude égal passe cloison  
Elbow bulkhead coupling  
Raccordo passaparete a 90°

TUBO PIPE	S.	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
8	19	L B USVL 8		B STA USVL 8	
10	22	L B USVL 10		B STA USVL 10	
12	24	L B USVL 12		B STA USVL 12	
15	27	L B USVL 15		B STA USVL 15	
18	32	L B USVL 18		B STA USVL 18	
22	36	L B USVL 22		B STA USVL 22	
14	27	S B USVS 14		B STA USVS 14	
16	30	S B USVS 16		B STA USVS 16	
20	36	S B USVS 20		B STA USVS 20	

### Tuerca pasatabiques Métrica



Ecrou passe cloison Métrique  
Metric nut bulkhead  
Dado passaparete Metrico

ROSCA THREAD	REFERENCIA PART N°	€
M 14x1.5	B TP 08 L	
M16X1.5	B TP 10 L	
M18X1.5	B TP 12 L	
M26X1.5	B TP 18 L	
M30X2	B TP 22 L	
M22X1.5	B TP 14 S	
M 24X1.5	B TP 16 S	



## Racores DIN 2353 CrIII

Raccords à bague DIN 2353 CrIII

DIN 2353 Pipe fittings CrIII

Raccordi ad anello DIN 2353 CrIII

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

JIC 37° fittings

SAE Flanges

Clamps

Machines for processing rigid pipes

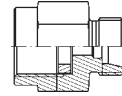
### Racor recto hembra rosca BSP



Union simple femelle gaz  
Female stud coupling  
Raccordo diritto femmina BSP

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	1/8" BSP	B GAIL 6 R 1/8		B STA GAIL 6 R 1/8	
8	L	1/4" BSP	B GAIL 8 R 1/4		B STA GAIL 8 R 1/4	
10	L	1/4" BSP	B GAIL 10 R 1/4		B STA GAIL 10 R 1/4	
12	L	3/8" BSP	B GAIL 12 R 3/8		B STA GAIL 12 R 3/8	
12	L	1/2" BSP	B GAIL 12 R 1/2		B STA GAIL 12 R 1/2	
15	L	1/2" BSP	B GAIL 15 R 1/2		B STA GAIL 15 R 1/2	
18	L	1/2" BSP	B GAIL 18 R 1/2		B STA GAIL 18 R 1/2	
22	L	3/4" BSP	B GAIL 22 R 3/4		B STA GAIL 22 R 3/4	
28	L	1" BSP	B GAIL 28 R 1		B STA GAIL 28 R 1	
14	S	1/2" BSP	B GAIS 14 R 1/2		B STA GAIS 14 R 1/2	
16	S	1/2" BSP	B GAIS 16 R 1/2		B STA GAIS 16 R 1/2	
20	S	3/4" BSP	B GAIS 20 R 3/4		B STA GAIS 20 R 3/4	
25	S	1" BSP	B GAIS 25 R 1		B STA GAIS 25 R 1	

### Racor para manómetro BSP



Union simple femelle Métrique  
Female stud coupling Metric cyl  
Raccordo diritto femmina Metrico

TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
6	L	1/4" BSP	B STA MAVL 6 R 1/4	
8	L	1/4" BSP	B STA MAVL 8 R 1/4	
10	L	1/4" BSP	B STA MAVL 10 R 1/4	
12	L	1/4" BSP	B STA MAVL 12 R 1/4	

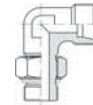
### Racor en codo orientable sin estrangulador rosca BSP



Equerre orientable sans étrangleur gaz BSP (passage total)  
Banjo coupling with captive seal and o-ring BSP cyl  
Raccordo orientabile a 90° ad occhio BSP con guarnizione

T. P.	S.	ROSCA THREAD	REFERENCIA PART N°	€	REFERENCIA STA PART N° STA	€
6	L	1/8" BSP	B WSVL 6 R 1/8		B STA WSVL 6 R 1/8	
8	L	1/4" BSP	B WSVL 8 R 1/4		B STA WSVL 8 R 1/4	
10	L	1/4" BSP	B WSVL 10 R 1/4		B STA WSVL 10 R 1/4	
12	L	3/8" BSP	B WSVL 12 R 3/8		B STA WSVL 12 R 3/8	
15	L	1/2" BSP	B WSVL 15 R 1/2		B STA WSVL 15 R 1/2	
18	L	1/2" BSP	B WSVL 18 R 1/2		B STA WSVL 18 R 1/2	
22	L	3/4" BSP	B WSVL 22 R 3/4		B STA WSVL 22 R 3/4	
10	S	3/8" BSP	B WSVS 10 R 3/8		B STA WSVS 10 R 3/8	
12	S	3/8" BSP	B WSVS 12 R 3/8		B STA WSVS 12 R 3/8	
14	S	1/2" BSP	B WSVS 14 R 1/2		B STA WSVS 14 R 1/2	
16	S	1/2" BSP	B WSVS 16 R 1/2		B STA WSVS 16 R 1/2	
20	S	3/4" BSP	B WSVS 20 R 3/4		B STA WSVS 20 R 3/4	
25	S	1" BSP	B WSVS 25 R 1		B STA WSVS 25 R 1	

### Racor en codo orientable BSP-Métrico



Coude réglable mâle BSP - Métrique  
90° Adjustable male stud elbow BSP - Metric  
Raccordo a 90° orientabile maschio BSP-Metrico

TUBO PIPE	S.	ROSCA THREAD	REFERENCIA PART N°	€
6	L	M12X1,5	1/8" BSP	STA WEE 6L R 1/8
8	L	M14X1,5	1/4" BSP	STA WEE 8L R 1/4
10	L	M16X1,5	1/4" BSP	STA WEE 10L R 1/4
12	L	M18X1,5	3/8" BSP	STA WEE 12L R 3/8
15	L	M22X1,5	1/2" BSP	STA WEE 15L R 1/2
18	L	M26X1,5	1/2" BSP	STA WEE 18L R 1/2
22	L	M30X2	3/4" BSP	STA WEE 22L R 3/4
16	S	M24X1,5	1/2" BSP	STA WEE 16S R 1/2
20	S	M30X2	3/4" BSP	STA WEE 20S R 3/4
25	S	1" BSP	M36X2	STA WEE 25S R 1

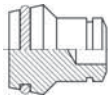
## Racores DIN 2353 CrIII

Raccords à bague DIN 2353 CrIII

DIN 2353 Pipe fittings CrIII

Raccordi ad anello DIN 2353 CrIII

### Tapón de cierre para tubo



Bouchon de fermeture avec o'ring

Blanking plug with o'ring

Tappo di chiusura con o'ring

TUBO PIPE	SERIE	REFERENCIA PART N°	€
6	L/S	B BUTZEN L 6	
8	L/S	B BUTZEN L 8	
10	L/S	B BUTZEN L 10	
12	L/S	B BUTZEN L 12	
15	L/S	B BUTZEN L 15	
18	L	B BUTZEN L 18	
22	L	B BUTZEN L 22	
28	L	B BUTZEN L 28	
35	L	B BUTZEN L 35	
42	L	B BUTZEN L 42	
14	S	B BUTZEN S 14	
16	S	B BUTZEN S 16	
20	S	B BUTZEN S 20	
25	S	B BUTZEN S 25	
30	S	B BUTZEN S 30	
38	S	B BUTZEN S 38	

### Tapón de cierre Allen rosca BSP con junta



Bouchon Allen gaz avec o'ring

Blanking plug with captive seal BSP cyl

Tappo cilindrico BSP esagono incassato con o'ring

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
14	1/8" BSP	B STOPFEN 1/8	
19	1/4" BSP	B STOPFEN 1/4	
22	3/8" BSP	B STOPFEN 3/8	
27	1/2" BSP	B STOPFEN 1/2	
32	3/4" BSP	B STOPFEN 3/4	
40	1" BSP	B STOPFEN 1	
50	1"1/4 BSP	B STOPFEN 1 1/4	
55	1"1/2 BSP	B STOPFEN 1 1/2	
72	2" BSP	B STOPFEN 2	

### Tapón de cierre Allen rosca Métrica con junta



Bouchon Allen Métrique avec o'ring

Blanking plug with captive seal Metric cyl

Tappo cilindrico Metrico esagono incassato con guarnizione

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
14	M10X1	B STOPFEN M 10X1	0,91
17	M12X1.5	B STOPFEN M 12X1.5	
19	M14X1.5	B STOPFEN M 14X1.5	
22	M16X1.5	B STOPFEN M 16X1.5	
24	M18X1.5	B STOPFEN M 18X1.5	
26	M20X1.5	B STOPFEN M 20X1.5	
27	M22X1.5	B STOPFEN M 22X1.5	
32	M26X1.5	B STOPFEN M 26X1.5	
32	M27X2	B STOPFEN M 27X2	
40	M33X2	B STOPFEN M 33X2	
50	M42X2	B STOPFEN M 42X2	

### Tapon



Bouchon

Plug

Tappo

TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
6	L	M12x1.5	B STA TML 6	
8	L	M14x1.5	B STA TML 8	
10	L	M16x1.5	B STA TML 10	
12	L	M18x1.5	B STA TML 12	
15	L	M22x1.5	B STA TML 15	
18	L	M26x1.5	B STA TML 18	
22	L	M30x2	B STA TML 22	
28	L	M36x2	B STA TML 28	
35	L	M45x2	B STA TML 35	
6	S	M14x1.5	B STA TMS 6	
8	S	M16x1.5	B STA TMS 8	
10	S	M18x1.5	B STA TMS 10	
12	S	M20x1.5	B STA TMS 12	
14	S	M22x1.5	B STA TMS 14	
16	S	M24x1.5	B STA TMS 16	
20	S	M30x2	B STA TMS 20	
25	S	M36x2	B STA TMS 25	
30	S	M42x2	B STA TMS 30	
38	S	M52x2	B STA TMS 38	

# Racores para tubo gas

Raccords tube gaz

Gas tube fittings

Raccordi per tubo gas



# 3

Racores para tubo gas

Raccords tube gaz | Gas tube fittings | Raccordi per tubo gas

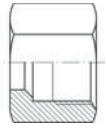
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## Racores para tubo gas

Raccords tube gaz | Gas tube fittings | Raccordi per tubo gas

### ▶ Tuercas y anillos | Écrous et bagues | Nuts and cutting rings | Dadi e anelli

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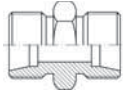
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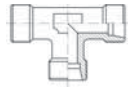
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### ▶ Uniones tubo-tubo | Unions doubles | Straight couplings | Raccordi intermedi

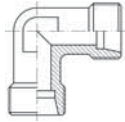
191



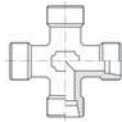
STA DL



STA TL



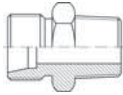
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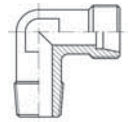
STA KVL

### ▶ Uniones tubo-rosca | Unions simples mâle | Male stud couplings | Raccordi di estremitá

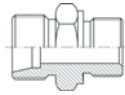
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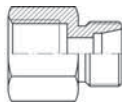
STA AKL R



STA CKL R



STA AL R



STA GAIL R

## Racores para tubo gas

Raccords tube gaz

Gas tube fittings

Raccordi per tubo gas

### Tuercas gas



Écrou gaz

Nut gas

Dado gas

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
1/4" - 13.2	20X1,5	<b>ML 13.2</b>	
3/8" - 16.7	24X1,5	<b>ML 16.7</b>	
1/2" - 21.3	30X1,5	<b>ML 21.3</b>	
3/4" - 26.7	36X1,5	<b>ML 26.7</b>	
1" - 33.5	45X1,5	<b>ML 33.5</b>	
1"1/4 - 42.4	52X1,5	<b>ML 42.4</b>	

### Anillo tubo gas



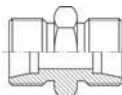
Bague tube gaz

Cutting ring gas

Anello tubo-gas

TUBO PIPE	REFERENCIA PART N°	€
1/4" - 13.2	<b>ACL 13.2</b>	
3/8" - 16.7	<b>ACL 16.7</b>	
1/2" - 21.3	<b>ACL 21.3</b>	
3/4" - 26.7	<b>ACL 26.7</b>	
1" - 33.5	<b>ACL 33.5</b>	
1" 1/4 - 42.4	<b>ACL 42.4</b>	

### Unión recta tubo-tubo



Union double

Straight coupling

Raccordo tubo-tubo

TUBO PIPE	SERIE	REFERENCIA PART N°	€
13.2	L	<b>STA DL 13.2</b>	
16.7	L	<b>STA DL 16.7</b>	
21.3	L	<b>STA DL 21.3</b>	
26.7	L	<b>STA DL 26.7</b>	
33.5	L	<b>STA DL 33.5</b>	
42.4	L	<b>STA DL 42.4</b>	

### Unión en codo tubo-tubo



Coude égal

Equal elbow coupling

Raccordo a 90° tubo-tubo

TUBO PIPE	SERIE	REFERENCIA PART N°	€
13.2	L	<b>STA EL 13.2</b>	
16.7	L	<b>STA EL 16.7</b>	
21.3	L	<b>STA EL 21.3</b>	
26.7	L	<b>STA EL 26.7</b>	
33.5	L	<b>STA EL 33.5</b>	
42.4	L	<b>STA EL 42.4</b>	

### Unión en T tubo-tubo



Té égal

Equal TEE

Raccordo a T tubo-tubo

TUBO PIPE	SERIE	REFERENCIA PART N°	€
13.2	L	<b>STA TL 13.2</b>	
16.7	L	<b>STA TL 16.7</b>	
21.3	L	<b>STA TL 21.3</b>	
26.7	L	<b>STA TL 26.7</b>	
33.5	L	<b>STA TL 33.5</b>	

### Unión en cruz tubo-tubo



Croix égale

Equal cross

Raccordo a croce tubo-tubo

TUBO PIPE	SERIE	REFERENCIA PART N°	€
16.7	L	<b>STA KVL 16.7</b>	

## Racores para tubo gas

Raccords tube gaz  
Gas tube fittings  
Raccordi per tubo gas

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

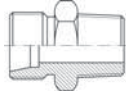
JIC 37° fittings

SAE Flanges

Clamps

Machines for  
processing rigid pipes

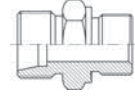
### Unión recta tubo-rosca cónica BSPT



Union mâle gaz conique  
Straight male stud coupling tapered  
Raccordo diritto conico per tubo gas

TUBO PIPE	S.	ROSCA THREAD	REFERENCIA PART N°	€
13.2	L	1/2" BSPT	STA AKL 13.2 R 1/2	
16.7	L	1/4" BSPT	STA AKL 16.7 R 1/4	
16.7	L	3/8" BSPT	STA AKL 16.7 R 3/8	
16.7	L	1/2" BSPT	STA AKL 16.7 R 1/2	
21.3	L	1/2" BSPT	STA AKL 21.3 R 1/2	
21.3	L	3/4" BSPT	STA AKL 21.3 R 3/4	
26.7	L	3/4" BSPT	STA AKL 26.7 R 3/4	
26.7	L	1" BSPT	STA AKL 26.7 R 1	
33.5	L	1" BSPT	STA AKL 33.5 R 1	
42.4	L	1"1/4 BSPT	STA AKL 42.4 R 1 1/4	

### Unión recta tubo-rosca cilíndrica BSP



Union mâle gaz cyl  
Straight male stud coupling cyl  
Raccordo diritto cilindrico per tubo gas

TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
13.2	L	1/4" BSP	STA AL 13.2 R 1/4	
13.2	L	3/8" BSP	STA AL 13.2 R 3/8	
16.7	L	3/8" BSP	STA AL 16.7 R 3/8	
16.7	L	1/2" BSP	STA AL 16.7 R 1/2	
21.3	L	1/2" BSP	STA AL 21.3 R 1/2	
26.7	L	3/4" BSP	STA AL 26.7 R 3/4	
42.4	L	1"1/4 BSP	STA AL 42.4 R 1 1/4	
42.4	L	1"1/2 BSP	STA AL 42.4 R 1 1/2	

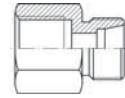
### Unión en codo tubo-rosca cónica BSPT



Coude mâle gaz conique  
Male stud elbow BSPT  
Raccordo a 90° conico per tubo gas

TUBO PIPE	S.	ROSCA THREAD	REFERENCIA PART N°	€
13.2	L	1/4" BSPT	STA CKL 13.2 R 1/4	
13.2	L	1/2" BSPT	STA CKL 13.2 R 1/2	
13.2	L	3/8" BSPT	STA CKL 13.2 R 3/8	
16.7	L	3/8" BSPT	STA CKL 16.7 R 3/8	
21.3	L	1/2" BSPT	STA CKL 21.3 R 1/2	
26.7	L	3/4" BSPT	STA CKL 26.7 R 3/4	
33.5	L	1" BSPT	STA CKL 33.5 R 1	
42.4	L	1"1/4 BSPT	STA CKL 42.4 R 1 1/4	

### Unión recta tubo-hembra fija BSP



Union femelle gaz cyl  
Female stud coupling gas  
Raccordo diritto femmina per tubo gas

TUBO PIPE	SERIE	ROSCA THREAD	REFERENCIA PART N°	€
13.2	L	3/8" BSP	STA GAIL 13.2 R 3/8	
13.2	L	1/2" BSP	STA GAIL 13.2 R 1/2	

## Atención | Attention | Warning | Attenzione

- Una correcta lubricación garantiza el buen funcionamiento de las roscas.  
No lo olvide
- Une correcte lubrification vous garantit l'utilisation correcte des filetages.  
Ne l'oubliez pas
- A correct lubricating guarantees you a correct use of the threads.  
Do not forget it
- Una corretta lubrificazione vi garantisce un corretto utilizzo delle filettature.  
Non dimenticately



# Racores JIC 37°

Raccords JIC 37°  
JIC 37° fittings  
Raccordi JIC 37°

# 4

Racores JIC 37°

Raccords JIC 37° | JIC 37° fittings | Raccordi JIC 37°

196

## Racores JIC 37°

Raccords JIC 37° | JIC 37° fittings | Raccordi JIC 37°

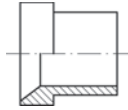
Pipe

### Tuercas y férulas JIC 37° | Écrous et Férules JIC 37° | Nuts and Sleeves | Dadi e Bussole JIC 37°

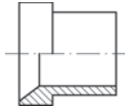
199



S110



S120



S120-W

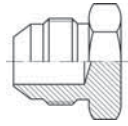
DIN 2353 Pipe Fittings

### Tapones JIC 37° | Bouchons JIC 37° | JIC 37° Plugs | Tappi JIC 37°

199



S130



S140

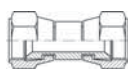
Gas tube fittings

### Uniones rectas JIC 37° | Unions droites JIC 37° | JIC 37° Straight union | Adattatori diritti JIC 37°

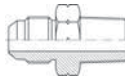
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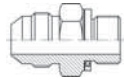
S260



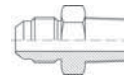
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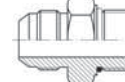
S200



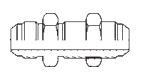
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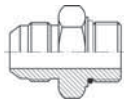
S210



S220



S250

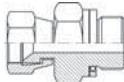


S240

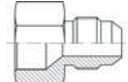
JIC 37° fittings

### Uniones macho-hembra JIC 37° | Unions mâle JIC 37° x femelle JIC 37° | JIC 37° Male-female unions | Adattatori maschio-femmina JIC 37°

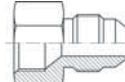
202



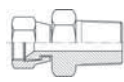
S180



S290



S280

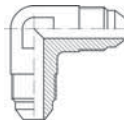


S150

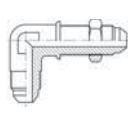
SAE Flanges

### Codos JIC 37° | Coudes JIC 37° | JIC 37° Elbows | Adattatori a 45° e 90° JIC 37°

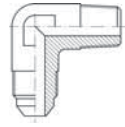
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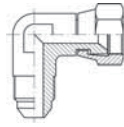
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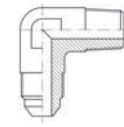
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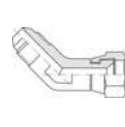
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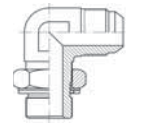
S675



S525



S690

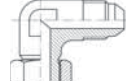


S600

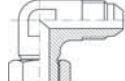
Clamps



S615



S575

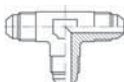


S625

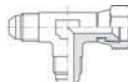
Machines for processing rigid pipes

### Tes y Cruz JIC 37° | Tés et Croix JIC 37° | JIC 37° Tees and Crosses | Adattatori a T e Croci JIC 37°

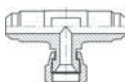
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S505



S680

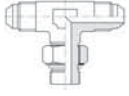


S685



Tes orientable JIC 37° | Tés orientables JIC 37° | JIC 37° Banjo Tees | Adattatori a T orientabili

205



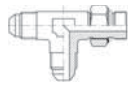
S610



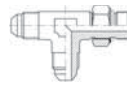
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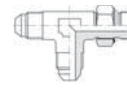
S635



S605



S580



S630

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

JIC 37° fittings

SAE Flanges

Clamps

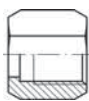
Machines for processing rigid pipes



## Racores JIC 37°

Raccords JIC 37°  
JIC 37° fittings  
Raccordi JIC 37°

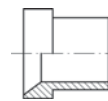
### Tuercas JIC 37°



Écrous JIC 37°  
JIC 37° Nuts  
Dado JIC 37°

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
6	1/4	7/16" 20h UNF	<b>S11006</b>
8	5/16	1/2" 20h UNF	<b>S11008</b>
10	3/8	9/16" 18h UNF	<b>S11010</b>
12	1/2	3/4" 16h UNF	<b>S11012</b>
14-15-16	5/8	7/8" 14h UNF	<b>S11016</b>
18-20	-	1"1/16 12h UNF	<b>S11020</b>
-	3/4	1"1/16 12h UNF	<b>S11020W</b>
25	1	1"5/16 12h UNF	<b>S11025</b>
30-32	1 1/4	1"5/8 12h UNF	<b>S11032</b>
38	1 1/2	1"7/8 12h UNF	<b>S11038</b>

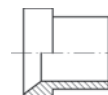
### Férulas JIC 37° (Tubo Métrico)



Férulas JIC 37° pour tube Métrique  
JIC 37° sleeves Metric tube  
Bussola JIC 37° (tubo Metrico)

TUBO PIPE	REFERENCIA PART N°	€
6	<b>S12006</b>	
8	<b>S12008</b>	
10	<b>S12010</b>	
12	<b>S12012</b>	
14	<b>S12014</b>	
15	<b>S12015</b>	
16	<b>S12016</b>	
18	<b>S12018</b>	
20	<b>S12020</b>	
25	<b>S12025</b>	
30	<b>S12030</b>	
32	<b>S12032</b>	
38	<b>S12038</b>	

### Férulas JIC 37° (Tubo Gas)



Férulas JIC 37° pour tube Gaz  
37° JIC sleeves Gas tube  
Bussola JIC 37° (tubo Gas)

TUBO PIPE	REFERENCIA PART N°	€
1/4	<b>S12006W</b>	
3/4	<b>S12020W</b>	

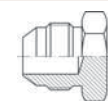
### Tapón hembra JIC 37°



Obturbateur femelle JIC 37° pour raccord  
37° JIC Female plug  
Tappo femmina girevole JIC 37°

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
6	7/16" 20h UNF	<b>S13006</b>	
8	1/2" 20h UNF	<b>S13008</b>	
10	9/16" 18h UNF	<b>S13010</b>	
12	3/4" 16h UNF	<b>S13012</b>	
14-15-16	7/8" 14h UNF	<b>S13016</b>	
18-20	1"1/16 12h UNF	<b>S13020</b>	
25	1"5/16 12h UNF	<b>S13025</b>	
30-32	1"5/8 12h UNF	<b>S13032</b>	
38	1"7/8 12h UNF	<b>S13038</b>	

### Tapón macho JIC 37°



Bouchon mâle JIC 37°  
37° JIC Male plug  
Tappo maschio JIC 37°

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
6	7/16" 20h UNF	<b>S14006</b>	
8	1/2" 20h UNF	<b>S14008</b>	
10	9/16" 18h UNF	<b>S14010</b>	
12	3/4" 16h UNF	<b>S14012</b>	
14-15-16	7/8" 14h UNF	<b>S14016</b>	
18-20	1"1/16 12h UNF	<b>S14020</b>	
25	1"5/16 12h UNF	<b>S14025</b>	
30-32	1"5/8 12h UNF	<b>S14032</b>	
38	1"7/8 12h UNF	<b>S14038</b>	

## Racores JIC 37°

Raccords JIC 37°  
JIC 37° fittings  
Raccordi JIC 37°

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

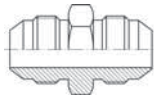
JIC 37° fittings

SAE Flanges

Clamps

Machines for processing rigid pipes

### Racor macho-macho JIC 37°



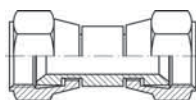
Adapteur droit mâle JIC x mâle JIC

Straight union JIC 37°

Niples di giunzione maschio-maschio JIC 37°

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
6	1/4	7/16" 20h UNF	<b>S26006</b>
8	5/16	1/2" 20h UNF	<b>S26008</b>
10	3/8	9/16" 18h UNF	<b>S26010</b>
12	1/2	3/4" 16h UNF	<b>S26012</b>
14-15-16	5/8	7/8" 14h UNF	<b>S26016</b>
18-20	3/4	1"1/16 12h UNF	<b>S26020</b>
25	1	1"5/16 12h UNF	<b>S26025</b>
30-32	1 1/4	1"5/8 12h UNF	<b>S26032</b>
38	1 1/2	1"7/8 12h UNF	<b>S26038</b>

### Racor hembra giratoria-hembra giratoria JIC 37°



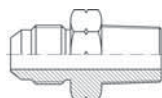
Adapteur femelle tournante JIC x femelle tournante JIC 37°

Straight fitting with crimped nut JIC 37°

Niples femmina-femmina girevole JIC 37°

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
6	1/4	7/16" 20h UNF	<b>S73006</b>
8	5/16	1/2" 20h UNF	<b>S73008</b>
10	3/8	9/16" 18h UNF	<b>S73010</b>
12	1/2	3/4" 16h UNF	<b>S73012</b>
14-15-16	5/8	7/8" 14h UNF	<b>S73016</b>
18-20	3/4	1"1/16 12h UNF	<b>S73020</b>
25	1	1"5/16 12h UNF	<b>S73025</b>

### Racor macho JIC 37° - macho NPT



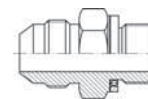
Adapteur mâle JIC x mâle NPT

Straight adaptor male JIC-male NPT

Niples di giunzione JIC 37°-NPT

TUBO PIPE	ROSCA THREAD	R. P.	€
6	1/4	1/8" NPT	<b>S2000610</b>
6	1/4	1/4" NPT	<b>S2000613</b>
8	5/16	1/8" NPT	<b>S2000810</b>
8	5/16	1/4" NPT	<b>S2000813</b>
10	3/8	1/4" NPT	<b>S2001013</b>
10	3/8	3/8" NPT	<b>S2001017</b>
10	3/8	1/2" NPT	<b>S2001021</b>
12	1/2	3/8" NPT	<b>S2001217</b>
12	1/2	1/2" NPT	<b>S2001221</b>
12	1/2	3/4" NPT	<b>S2001226</b>
14-15-16	5/8	1/2" NPT	<b>S2001621</b>
14-15-16	5/8	3/4" NPT	<b>S2001626</b>
18-20	3/4	1/2" NPT	<b>S2002021</b>
18-20	3/4	3/4" NPT	<b>S2002026</b>
18-20	3/4	1" NPT	<b>S2002033</b>
25	1	3/4" NPT	<b>S2002526</b>
25	1	1" NPT	<b>S2002533</b>
32	1 1/4	1" NPT	<b>S2003233</b>
32	1 1/4	1"1/4 NPT	<b>S2003242</b>
38	1 1/2	1"1/4 NPT	<b>S2003842</b>
38	1 1/2	1"1/2 NPT	<b>S2003848</b>

### Racor macho JIC 37° - macho BSP



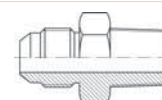
Adapteur mâle JIC x mâle gaz cyl équipé

Straight adaptor male JIC-male BSP

Niples di giunzione JIC37° -BSP

TUBO PIPE	ROSCA THREAD	R. P.	€
6	1/4	7/16" 20h UNF	<b>S2300610</b>
6	1/4	7/16" 20h UNF	<b>S2300613</b>
6	1/4	7/16" 20h UNF	<b>S2300617</b>
8	5/16	1/2" 20h UNF	<b>S2300813</b>
8	5/16	1/2" 20h UNF	<b>S2300817</b>
10	3/8	9/16" 18h UNF	<b>S2301013</b>
10	3/8	9/16" 18h UNF	<b>S2301017</b>
10	3/8	9/16" 18h UNF	<b>S2301021</b>
12	1/2	3/4" 16h UNF	<b>S2301213</b>
12	1/2	3/4" 16h UNF	<b>S2301217</b>
12	1/2	3/4" 16h UNF	<b>S2301221</b>
12	1/2	3/4" 16h UNF	<b>S2301226</b>
14-15-16	5/8	7/8" 14h UNF	<b>S2301617</b>
14-15-16	5/8	7/8" 14h UNF	<b>S2301621</b>
14-15-16	5/8	7/8" 14h UNF	<b>S2301626</b>
18-20	3/4	1"1/16 12h UNF	<b>S2302021</b>
18-20	3/4	1"1/16 12h UNF	<b>S2302026</b>
18-20	3/4	1"1/16 12h UNF	<b>S2302033</b>
25	1	1"5/16 12h UNF	<b>S2302526</b>
25	1	1"5/16 12h UNF	<b>S2302533</b>
25	1	1"5/16 12h UNF	<b>S2302542</b>
30-32	1 1/4	1"5/8 12h UNF	<b>S2303242</b>
38	1 1/2	1"7/8 12h UNF	<b>S2303842</b>
38	1 1/2	1"7/8 12h UNF	<b>S2303848</b>

### Racor macho JIC 37° - macho BSPT



Adapteur mâle JIC x mâle gaz conique

Straight adaptor male JIC-male BSPT

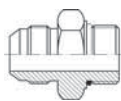
Niples di giunzione JIC 37°-BSPT

TUBO PIPE	ROSCA THREAD	R. P.	€
6	1/4	1/8" BSPT	<b>S2100610</b>
6	1/4	1/4" BSPT	<b>S2100613</b>
8	5/16	1/8" BSPT	<b>S2100810</b>
8	5/16	1/4" BSPT	<b>S2100813</b>
10	3/8	1/4" BSPT	<b>S2101013</b>
10	3/8	3/8" BSPT	<b>S2101017</b>
10	3/8	1/2" BSPT	<b>S2101021</b>
12	1/2	1/4" BSPT	<b>S2101213</b>
12	1/2	3/8" BSPT	<b>S2101217</b>
12	1/2	1/2" BSPT	<b>S2101221</b>
14-15-16	5/8	3/8" BSPT	<b>S2101617</b>
14-15-16	5/8	1/2" BSPT	<b>S2101621</b>
14-15-16	5/8	3/4" BSPT	<b>S2101626</b>
18-20	3/4	1/2" BSPT	<b>S2102021</b>
18-20	3/4	3/4" BSPT	<b>S2102026</b>
25	1	3/4" BSPT	<b>S2102526</b>
25	1	1" BSPT	<b>S2102533</b>
30-32	1 1/4	1" BSPT	<b>S2103233</b>
30-32	1 1/4	1"1/4 BSPT	<b>S2103242</b>
38	1 1/2	1"1/2 BSPT	<b>S2103848</b>

## Racores JIC 37°

Raccords JIC 37°  
JIC 37° fittings  
Raccordi JIC 37°

### Racor macho JIC 37° - macho UNF



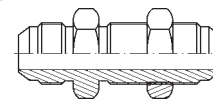
Adaptateur mâle JIC x mâle UNF équipé

Straight adaptor male JIC-male UNF

Niples di giunzione JIC 37°-UNF

TUBO PIPE		ROSCA THREAD		R. P.	€
6	1/4	7/16" 20h JIC	7/16" 20h UNF	<b>S2200611</b>	
6	1/4	7/16" 20h JIC	1/2" 20h UNF	<b>S2200612</b>	
6	1/4	7/16" 20h JIC	9/16" 18h UNF	<b>S2200614</b>	
8	5/16	1/2" 20h JIC	1/2" 20h UNF	<b>S2200812</b>	
10	3/8	9/16" 18h JIC	9/16" 18h UNF	<b>S2201014</b>	
10	3/8	9/16" 18h JIC	3/4" 16h UNF	<b>S2201019</b>	
12	1/2	3/4" 16h JIC	3/4" 16h UNF	<b>S2201219</b>	
12	1/2	3/4" 16h JIC	7/8" 14h UNF	<b>S2201222</b>	
14-15-16	5/8	7/8" 14h JIC	7/8" 14h UNF	<b>S2201622</b>	
14-15-16	5/8	7/8" 14h JIC	1"1/16 12h UNF	<b>S2201627</b>	
14-15-16	5/8	7/8" 14h JIC	3/4" 16h UNF	<b>S2201619</b>	
18-20	3/4	1"1/16 12h JIC	3/4" 16h UNF	<b>S2202019</b>	
18-20	3/4	1"1/16 12h JIC	7/8" 14h UNF	<b>S2202022</b>	
18-20	3/4	1"1/16 12h JIC	1"1/16 12h UNF	<b>S2202027</b>	
18-20	3/4	1"1/16 12h JIC	1"5/16 12h UNF	<b>S2202033</b>	
25	1	1"5/16 12h JIC	1"1/16 12h UNF	<b>S2202527</b>	
25	1	1"5/16 12h JIC	1"5/16 12h UNF	<b>S2202533</b>	
25	1	1"5/16 12h JIC	1"5/8 12h UNF	<b>S2202541</b>	
30-32	1 1/4	1"5/8 12h JIC	1"5/8 12h UNF	<b>S2203241</b>	
38	1 1/2	1"7/8 12h JIC	1"7/8 12h UNF	<b>S2203848</b>	

### Racor pasatabiques JIC 37°



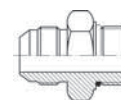
Union passe cloison droite mâle JIC x mâle JIC équipé

Straight bulkhead fitting JIC 37°

Niples passaparete JIC 37°

TUBO PIPE		ROSCA THREAD	REFERENCIA PART N°	€
6	1/4	7/16" 20h UNF	<b>S25006</b>	
8	5/16	1/2" 20h UNF	<b>S25008</b>	
10	3/8	9/16" 18h UNF	<b>S25010</b>	
12	1/2	3/4" 16h UNF	<b>S25012</b>	
14-15-16	5/8	7/8" 14h UNF	<b>S25016</b>	
18-20	3/4	1"1/16 12h UNF	<b>S25020</b>	
25	1	1"5/16 12h UNF	<b>S25025</b>	
30-32	1 1/4	1"5/8 12h UNF	<b>S25032</b>	
38	1 1/2	1"7/8 12h UNF	<b>S25038</b>	

### Racor macho JIC 37° - macho Métrico



Adaptateur mâle JIC x mâle Métrique équipé

Metric adaptor male-male JIC 37°

Niples di giunzione JIC 37°-Metrico

TUBO PIPE		ROSCA THREAD		R. P.	€
6	1/4	7/16" 20h UNF	M10X1	<b>S2400610</b>	
8	5/16	1/2" 20h UNF	M12X1.5	<b>S2400812</b>	
10	3/8	9/16" 18h UNF	M14X1.5	<b>S2401014</b>	
12	1/2	3/4" 16h UNF	M16X1.5	<b>S2401216</b>	
12	1/2	3/4" 16h UNF	M18X1.5	<b>S2401218</b>	
14-15-16	5/8	7/8" 14h UNF	M18X1.5	<b>S2401418</b>	
14-15-16	5/8	7/8" 14h UNF	M22X1.5	<b>S2401622</b>	
20	3/4	1"1/16 12h UNF	M18X1.5	<b>S2402018</b>	
18-20	3/4	1"1/16 12h UNF	M22X1.5	<b>S2402022</b>	
18-20	3/4	1"1/16 12h UNF	M27X2	<b>S2402027</b>	
25	1	1"5/16 12h UNF	M33X2	<b>S2402533</b>	
30-32	1 1/4	1"5/8 12h UNF	M42X2	<b>S2403242</b>	

## Racores JIC 37°

Raccords JIC 37°

JIC 37° fittings

Raccordi JIC 37°

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

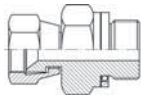
JIC 37° fittings

SAE Flanges

Clamps

Machines for  
processing rigid pipes

### Racor macho BSP - hembra giratoria JIC 37°



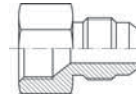
Adapteur femelle tournante JIC x mâle gaz cyl équipé

Adaptor swivel nut JIC-male BSP

Niples maschio-femmina BSP-JIC 37°

TUBO PIPE		ROSCA THREAD		R. P.	€
6	1/4	M 1/8" BSP	F 7/16" 20h UNF	<b>S1800610</b>	
8	5/16	M 1/4" BSP	F 1/2" 20h UNF	<b>S1800813</b>	
8	5/16	M 3/8" BSP	F 1/2" 20h UNF	<b>S1800817</b>	
10	3/8	M 1/4" BSP	F 9/16" 18h UNF	<b>S1801013</b>	
10	3/8	M 3/8" BSP	F 9/16" 18h UNF	<b>S1801017</b>	
12	1/2	M 3/8" BSP	F 3/4" 16h UNF	<b>S1801217</b>	
14-15-16	5/8	M 1/2" BSP	F 7/8" 14h UNF	<b>S1801621</b>	
18-20	3/4	M 3/4" BSP	F 1"1/16 12h UNF	<b>S1802026</b>	
25	1	M 1" BSP	F 1"5/16 12h UNF	<b>S1802533</b>	
30-32	1 1/4	M 1"1/4 BSP	F 1"5/8 12h UNF	<b>S1803242</b>	
38	1 1/2	M 1"1/2 BSP	F 1"7/8 12h UNF	<b>S1803848</b>	

### Racor macho JIC 37° - hembra fija BSP



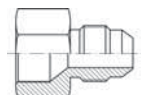
Adapteur mâle JIC x femelle gaz cyl

Adaptor male JIC 37°-fixed female BSP

Niples maschio-femmina JIC 37°-BSP

TUBO PIPE		ROSCA THREAD		R. P.	€
6	1/4	M 7/16" 20h UNF	F 1/8" BSP	<b>S2800610</b>	
6	1/4	M 7/16" 20h UNF	F 1/4" BSP	<b>S2800613</b>	
8	5/16	M 1/2" 20h UNF	F 1/8" BSP	<b>S2800810</b>	
8	5/16	M 1/2" 20h UNF	F 1/4" BSP	<b>S2800813</b>	
10	3/8	M 9/16" 18h UNF	F 1/4" BSP	<b>S2801013</b>	
10	3/8	M 9/16" 18h UNF	F 3/8" BSP	<b>S2801017</b>	
12	1/2	M 3/4" 16h UNF	F 3/8" BSP	<b>S2801217</b>	
12	1/2	M 3/4" 16h UNF	F 1/2" BSP	<b>S2801221</b>	
14-15-16	5/8	M 7/8" 14h UNF	F 1/2" BSP	<b>S2801621</b>	
18-20	3/4	M 1"1/16 12h UNF	F 1/2" BSP	<b>S2802021</b>	
18-20	3/4	M 1"1/16 12h UNF	F 3/4" BSP	<b>S2802026</b>	
25	1	M 1"5/16 12h UNF	F 1" BSP	<b>S2802533</b>	
30-32	1 1/4	M 1"5/8 12h UNF	F 1"1/4 BSP	<b>S2803242</b>	
38	1 1/2	M 1"7/8 12h UNF	F 1"1/2 BSP	<b>S2803848</b>	

### Racor unión macho-hembra JIC 37°



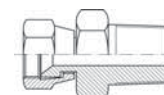
Reducteur mâle JIC x femelle JIC

Reducer adaptor JIC-JIC

Riduzione maschio-femmina JIC 37°

TUBO PIPE		ROSCA THREAD		R. P.	€
10	6	F 9/16" 18h UNF	M 7/16" 20h UNF	<b>S2901006</b>	
12	6	F 3/4" 16h UNF	M 7/16" 20h UNF	<b>S2901206</b>	
8	12	F 3/4" 16h UNF	M 1/2" 20h UNF	<b>S2901208</b>	
12	10	F 3/4" 16h UNF	M 9/16" 18h UNF	<b>S2901210</b>	
14-15-16	6	F 7/8" 14h UNF	M 7/16" 20h UNF	<b>S2901606</b>	
14-15-16	10	F 7/8" 14h UNF	M 9/16" 18h UNF	<b>S2901610</b>	
14-15-16	12	F 7/8" 14h UNF	M 3/4" 16h UNF	<b>S2901612</b>	
18-20	6	F 1"1/16 12h UNF	M 7/16" 20h UNF	<b>S2902006</b>	
18-20	12	F 1"1/16 12h UNF	M 3/4" 16h UNF	<b>S2902012</b>	
25	18-20	F 1"5/16 12h UNF	M 1"1/16 12h UNF	<b>S2902520</b>	
30-32	25	F 1"5/8 12h UNF	M 1"5/16 12h UNF	<b>S2903225</b>	
38	30-32	F 1"7/8 12h UNF	M 1"5/8 12h UNF	<b>S2903832</b>	

### Racor macho BSPT - hembra giratoria JIC 37°



Adapteur femelle tournante JIC x mâle gaz conique

Adaptor male BSPT-swivel female JIC 37°

Niples maschio-femmina BSPT-JIC 37°

TUBO PIPE		ROSCA THREAD		R. P.	€
6	1/4	M 1/4" BSPT	F 7/16" 20h UNF	<b>S1500613</b>	
8	5/16	M 1/4" BSPT	F 1/2" 20h UNF	<b>S1500813</b>	
10	3/8	M 1/4" BSPT	F 9/16" 18h UNF	<b>S1501013</b>	
12	1/2	M 1/4" BSPT	F 3/4" 16h UNF	<b>S1501213</b>	
12	1/2	M 3/8" BSPT	F 3/4" 16h UNF	<b>S1501217</b>	
16	5/8	M 1/2" BSPT	F 7/8" 14h UNF	<b>S1501621</b>	
20	3/4	M 1/2" BSPT	F 1"1/16 12h UNF	<b>S1502021</b>	
20	3/4	M 3/4" BSPT	F 1"1/16 12h UNF	<b>S1502026</b>	
25	1	M 3/4" BSPT	F 1"5/16 12h UNF	<b>S1502526</b>	
25	1	M 1" BSPT	F 1"5/16 12h UNF	<b>S1502533</b>	
32	1 1/4	M 1"1/4 BSPT	F 1"5/8 12h UNF	<b>S1503242</b>	

## Racores JIC 37°

Raccords JIC 37°  
JIC 37° fittings  
Raccordi JIC 37°

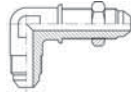
### Codo 90° macho - macho JIC 37°



Adapteur coude 90° mâle JIC 37° x mâle JIC 37°  
90° Male elbow male JIC 37°-male JIC 37°  
Adattatore a 90° maschio-maschio JIC 37°

TUBO PIPE		ROSCA THREAD	REFERENCIA PART N°	€
6	1/4	7/16" 20h UNF	S50006	
8	5/16	1/2" 20h UNF	S50008	
10	3/8	9/16" 18h UNF	S50010	
12	1/2	3/4" 16h UNF	S50012	
14-15-16	5/8	7/8" 14h UNF	S50016	
18-20	3/4	1"1/16 12h UNF	S50020	
25	1	1"5/16 12h UNF	S50025	
30-32	1 1/4	1"5/8 12h UNF	S50032	
38	1 1/2	1"7/8 12h UNF	S50038	

### Codo 90° pasatabiques JIC 37°



Adapteur coude 90° passe cloison mâle JIC 37° x mâle JIC 37° équipé  
90° Bulkhead coupling male JIC 37°-male JIC 37°  
Adattatore a 90° passaparete maschio-maschio JIC 37°

TUBO PIPE		ROSCA THREAD	REFERENCIA PART N°	€
6	1/4	7/16" 20h UNF	S65006	
8	5/16	1/2" 20h UNF	S65008	
10	3/8	9/16" 18h UNF	S65010	
12	1/2	3/4" 16h UNF	S65012	
14-15-16	5/8	7/8" 14h UNF	S65016	
18-20	3/4	1"1/16 12h UNF	S65020	
25	1	1"5/16 12h UNF	S65025	

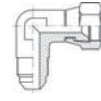
### Codo 90° macho JIC 37° - macho BSPT



Adapteur coude 90° mâle JIC 37° x mâle gaz conique  
90° male elbow male JIC 37° -male BSPT  
Adattatore a 90° maschio-maschio JIC 37°-BSPT

TUBO PIPE		ROSCA THREAD	R. P.	€
6	1/4	7/16" 20h UNF	1/8" BSPT	S5500610
6	1/4	7/16" 20h UNF	1/4" BSPT	S5500613
8	5/16	1/2" 20h UNF	1/8" BSPT	S5500810
8	5/16	1/2" 20h UNF	1/4" BSPT	S5500813
10	3/8	9/16" 18h UNF	1/4" BSPT	S5501013
10	3/8	9/16" 18h UNF	3/8" BSPT	S5501017
10	3/8	9/16" 18h UNF	1/2" BSPT	S5501021
12	1/2	3/4" 16h UNF	1/4" BSPT	S5501213
12	1/2	3/4" 16h UNF	3/8" BSPT	S5501217
12	1/2	3/4" 16h UNF	1/2" BSPT	S5501221
14-15-16	5/8	7/8" 14h UNF	3/8" BSPT	S5501617
14-15-16	5/8	7/8" 14h UNF	1/2" BSPT	S5501621
14-15-16	5/8	7/8" 14h UNF	3/4" BSPT	S5501626
18-20	3/4	1"1/16 12h UNF	1/2" BSPT	S5502021
18-20	3/4	1"1/16 12h UNF	3/4" BSPT	S5502026
25	1	1"5/16 12h UNF	3/4" BSPT	S5502526
25	1	1"5/16 12h UNF	1" BSPT	S5502533
30-32	1 1/4	1"5/8 12h UNF	1" BSPT	S5503233
30-32	1 1/4	1"5/8 12h UNF	1"1/4 BSPT	S5503242
38	1 1/2	1"7/8 12h UNF	1"1/2 BSPT	S5503848

### Codo 90° macho - hembra giratoria JIC 37°



Adapteur coude 90° mâle JIC 37° x femelle tournante JIC 37°  
90° Elbow swivel nut JIC 37°-male JIC 37°  
Adattatore a 90° maschio-femmina girevole JIC 37°

TUBO PIPE		ROSCA THREAD	REFERENCIA PART N°	€
6	1/4	7/16" 20h UNF	S67506	
8	5/16	1/2" 20h UNF	S67508	
10	3/8	9/16" 18h UNF	S67510	
12	1/2	3/4" 16h UNF	S67512	
14-15-16	5/8	7/8" 14h UNF	S67516	
18-20	3/4	1"1/16 12h UNF	S67520	
25	1	1"5/16 12h UNF	S67525	
30-32	1 1/4	1"5/8 12h UNF	S67532	
38	1 1/2	1"7/8 12h UNF	S67538	

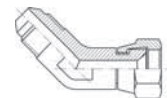
### Codo 90° macho JIC 37° - macho NPT



Adapteur coude 90° mâle JIC 37° x mâle NPT  
90° Male elbow male JIC 37°-male NPT  
Adattatore a 90° maschio-maschio JIC 37°-NPT

TUBO PIPE		ROSCA THREAD	R. P.	€
6	1/4	7/16" 20h UNF	1/8" NPT	S5250610
6	1/4	7/16" 20h UNF	1/4" NPT	S5250613
8	5/16	1/2" 20h UNF	1/8" NPT	S5250810
8	5/16	1/2" 20h UNF	1/4" NPT	S5250813
10	3/8	9/16" 18h UNF	1/4" NPT	S5251013
10	3/8	9/16" 18h UNF	3/8" NPT	S5251017
10	3/8	9/16" 18h UNF	1/2" NPT	S5251021
12	1/2	3/4" 16h UNF	1/4" NPT	S5251213
12	1/2	3/4" 16h UNF	3/8" NPT	S5251217
12	1/2	3/4" 16h UNF	1/2" NPT	S5251221
14-15-16	5/8	7/8" 14h UNF	3/8" NPT	S5251617
14-15-16	5/8	7/8" 14h UNF	1/2" NPT	S5251621
14-15-16	5/8	7/8" 14h UNF	3/4" NPT	S5251626
18-20	3/4	1"1/16 12h UNF	1/2" NPT	S5252021
18-20	3/4	1"1/16 12h UNF	3/4" NPT	S5252026
25	1	1"5/16 12h UNF	3/4" NPT	S5252526
25	1	1"5/16 12h UNF	1" NPT	S5252533
30-32	1 1/4	1"5/8 12h UNF	1" NPT	S5253233
30-32	1 1/4	1"5/8 12h UNF	1 1/4" NPT	S5253242
38	1 1/2	1"7/8 12h UNF	1"1/2 NPT	S5253848

### Codo 45° macho - hembra giratoria JIC 37°



Adapteur coude 45° mâle JIC 37° x femelle tournante JIC 37°  
45° Elbow male-swivel nut JIC 37°  
Adattatore a 45° maschio-femmina girevole JIC 37°

TUBO PIPE		ROSCA THREAD	REFERENCIA PART N°	€
6	1/4	7/16" 20h UNF	S69006	
8	5/16	1/2" 20h UNF	S69008	
10	3/8	9/16" 18h UNF	S69010	
12	1/2	3/4" 16h UNF	S69012	
14-15-16	5/8	7/8" 14h UNF	S69016	
18-20	3/4	1"1/16 12h UNF	S69020	
25	1	1"5/16 12h UNF	S69025	



## Racores JIC 37°

Raccords JIC 37°

JIC 37° fittings

Raccordi JIC 37°

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

JIC 37° fittings

SAE Flanges

Clamps

Machines for processing rigid pipes

### Codo 90° macho JIC 37° - macho BSP orientable



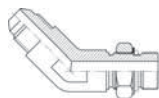
Adapteur orientable coude 90° mâle JIC 37° x mâle gaz cyl + o'ring équipé

90° Banjo elbow male JIC 37°-BSP Banjo male

Adattatore a 90° maschio-maschio orientabile JIC 37°-BSP

TUBO PIPE		ROSCA THREAD		R. P.	€
6	1/4	7/16" 20h UNF	1/8" BSP	S6000610	
6	1/4	7/16" 20h UNF	1/4" BSP	S6000613	
8	5/16	1/2" 20h UNF	1/8" BSP	S6000810	
8	5/16	1/2" 20h UNF	1/4" BSP	S6000813	
10	3/8	9/16" 18h UNF	1/4" BSP	S6001013	
10	3/8	9/16" 18h UNF	3/8" BSP	S6001017	
10	3/8	9/16" 18h UNF	1/2" BSP	S6001021	
12	1/2	3/4" 16h UNF	1/4" BSP	S6001213	
12	1/2	3/4" 16h UNF	3/8" BSP	S6001217	
12	1/2	3/4" 16h UNF	1/2" BSP	S6001221	
16	5/8	7/8" 14h UNF	3/8" BSP	S6001617	
14-15-16	5/8	7/8" 14h UNF	1/2" BSP	S6001621	
18-20	3/4	1"1/16 12h UNF	1/2" BSP	S6002021	
18-20	3/4	1"1/16 12h UNF	3/4" BSP	S6002026	
18-20	3/4	1"1/16 12h UNF	1" BSP	S6002033	
25	1	1"5/16 12h UNF	3/4" BSP	S6002526	
25	1	1"5/16 12h UNF	1" BSP	S6002533	
30-32	1 1/4	1"5/8 12h UNF	1" BSP	S6003233	
30-32	1 1/4	1"5/8 12h UNF	1"1/4 BSP	S6003242	
38	1 1/2	1"7/8 12h UNF	1"1/4 BSP	S6003842	
38	1 1/2	1"7/8 12h UNF	1"1/2 BSP	S6003848	

### Codo 45° macho JIC 37° - macho BSP orientable



Adapteur coude 45° mâle JIC 37° x mâle gaz cyl + o'ring équipé

45° Elbow male JIC 37°-BSP Banjo male

Adattatore a 45° maschio JIC 37°-maschio BSP orientabile

TUBO PIPE		ROSCA THREAD		R. P.	€
8	5/16	1/2" 20h UNF	1/4" BSP	S6150813	
10	3/8	9/16" 18h UNF	1/4" BSP	S6151013	
12	1/2	3/4" 16h UNF	3/8" BSP	S6151217	
12	1/2	3/4" 16h UNF	1/2" BSP	S6151221	
14-15-16	5/8	7/8" 14h UNF	1/2" BSP	S6151621	
18-20	3/4	1"1/16 12h UNF	1/2" BSP	S6152021	
18-20	3/4	1"1/16 12h UNF	3/4" BSP	S6152026	
25	1	1"5/16 12h UNF	1" BSP	S6152533	

### Codo 90° macho JIC 37° - macho UNF orientable



Adapteur orientable coude 90° mâle JIC 37° x mâle UNF + o'ring équipé

90° Banjo elbow male JIC 37°-unf Banjo male

Adattatore a 90° maschio-maschio orientabile JIC 37°-UNF

TUBO PIPE		ROSCA THREAD		R. P.	€
6	1/4	7/16" 20h JIC	7/16" 20h UNF	S5750611	
6	1/4	7/16" 20h JIC	1/2" 20h UNF	S5750612	
8	5/16	1/2" 20h JIC	1/2" 20h UNF	S5750812	
10	3/8	9/16" 18h JIC	9/16" 18h UNF	S5751014	
10	3/8	9/16" 18h JIC	3/4" 16h UNF	S5751019	
12	1/2	3/4" 16h JIC	7/8" 14h UNF	S5751222	
14-15-16	5/8	7/8" 14h JIC	3/4" 16h UNF	S5751619	
14-15-16	5/8	7/8" 14h JIC	7/8" 14h UNF	S5751622	
18-20	3/4	1"1/16 12h JIC	7/8" 14h UNF	S5752022	
18-20	3/4	1"1/16 12h JIC	1"1/16 12h UNF	S5752027	
25	1	1"5/16 12h JIC	1"1/16 12h UNF	S5752527	
25	1	1"5/16 12h JIC	1"5/16 12h UNF	S5752533	
30-32	1 1/4	1"5/8 12h JIC	1"5/8 12h UNF	S5753241	
38	1 1/2	1"7/8 12h JIC	1"7/8 12h UNF	S5753848	

### Codo 90° macho JIC 37° - macho métrico orientable



Adapteur orientable coude 90° mâle JIC 37° x mâle Métrique + o'ring équipé

90° Elbow male JIC 37°-Metric Banjo male

Adattatore a 90° maschio-maschio orientabile JIC 37° Metrico

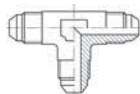
TUBO PIPE		ROSCA THREAD		REFERENCIA PART N°	€
6	1/4	7/16" 20h UNF	M10x1	S6250610	
8	5/16	1/2" 20h UNF	M12x1,5	S6250812	
10	3/8	9/16" 18h UNF	M14x1,5	S6251014	
12	1/2	3/4" 16h UNF	M16x1,5	S6251216	
12	1/2	3/4" 16h UNF	M18x1,5	S6251218	
14-15-16	5/8	7/8" 14h UNF	M18x1,5	S6251618	
14-15-16	5/8	7/8" 14h UNF	M22x1,5	S6251622	
18-20	3/4	1"1/16 12h UNF	M22x1,5	S6252022	
18-20	3/4	1"1/16 12h UNF	M27x2	S6252027	
25	1	1"5/16 12h UNF	M33x2	S6252533	



## Racores JIC 37°

Raccords JIC 37°  
JIC 37° fittings  
Raccordi JIC 37°

### Tes macho-macho-macho JIC 37°



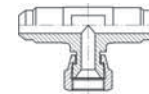
Tés égaux mâle JIC 37°

Union Tee male JIC 37°

Adattatore a T maschio JIC 37°

TUBO PIPE		ROSCA THREAD	REFERENCIA PART N°	€
6	1/4	7/16" 20h UNF	<b>S50506</b>	
8	5/16	1/2" 20h UNF	<b>S50508</b>	
10	3/8	9/16" 18h UNF	<b>S50510</b>	
12	1/2	3/4" 16h UNF	<b>S50512</b>	
14-15-16	5/8	7/8" 14h UNF	<b>S50516</b>	
18-20	3/4	1"1/16 12h UNF	<b>S50520</b>	
25	1	1"5/16 12h UNF	<b>S50525</b>	
30-32	1 1/4	1"5/8 12h UNF	<b>S50532</b>	
38	1 1/2	1"7/8 12h UNF	<b>S50538</b>	

### Tes macho-hembra giratoria-macho JIC 37°



Tés égaux tournantes JIC 37° au centre

Swivel brunch Tee male JIC 37°-swivel nut JIC 37°-male JIC 37°

Adattatore a T maschio-femmina girevole-maschio JIC 37°

TUBO PIPE		ROSCA THREAD	REFERENCIA PART N°	€
6	1/4	7/16" 20h UNF	<b>S68506</b>	
8	5/16	1/2" 20h UNF	<b>S68508</b>	
10	3/8	9/16" 18h UNF	<b>S68510</b>	
12	1/2	3/4" 16h UNF	<b>S68512</b>	
14-15-16	5/8	7/8" 14h UNF	<b>S68516</b>	
18-20	3/4	1"1/16 12h UNF	<b>S68520</b>	
25	1	1"5/16 12h UNF	<b>S68525</b>	
30-32	1 1/4	1"5/8 12h UNF	<b>S68532</b>	
38	1 1/2	1"7/8 12h UNF	<b>S68538</b>	

### Tes macho-macho-hembra giratoria JIC 37°



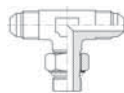
Tés égaux tournantes JIC 37° au latéral

Swivel run Tee male JIC 37°-swivel nut JIC 37°

Adattatore a T maschio-maschio-femmina girevole JIC 37°

TUBO PIPE		ROSCA THREAD	REFERENCIA PART N°	€
6	1/4	7/16" 20h UNF	<b>S68006</b>	
8	5/16	1/2" 20h UNF	<b>S68008</b>	
10	3/8	9/16" 18h UNF	<b>S68010</b>	
12	1/2	3/4" 16h UNF	<b>S68012</b>	
14-15-16	5/8	7/8" 14h UNF	<b>S68016</b>	
18-20	3/4	1"1/16 12h UNF	<b>S68020</b>	
25	1	1"5/16 12h UNF	<b>S68025</b>	
30-32	1 1/4	1"5/8 12h UNF	<b>S68032</b>	
38	1 1/2	1"7/8 12h UNF	<b>S68038</b>	

### Te macho JIC 37° - macho orientable BSP central



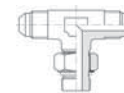
Té orientable mâle JIC 37° x mâle gaz cyl + o'ring x mâle JIC 37° équipé

Tee male JIC 37°-BSP central Banjo male-male JIC 37°

Raccordo a T JIC 37° orientabile centrale BSP (maschio-maschio orientabile-maschio)

TUBO PIPE		ROSCA THREAD		R. P.	€
6	1/4	7/16" 20h UNF	1/4" BSP	<b>S6100613</b>	
8	5/16	1/2" 20h UNF	1/4" BSP	<b>S6100813</b>	
10	3/8	9/16" 18h UNF	1/4" BSP	<b>S6101013</b>	
12	1/2	3/4" 16h UNF	3/8" BSP	<b>S6101217</b>	
14-15-16	5/8	7/8" 14h UNF	1/2" BSP	<b>S6101621</b>	
18-20	3/4	1"1/16 12h UNF	3/4" BSP	<b>S6102026</b>	
25	1	1"5/16 12h UNF	1" BSP	<b>S6102533</b>	
30-32	1 1/4	1"5/8 12h UNF	1"1/4 BSP	<b>S6103242</b>	

### Te macho JIC 37° - macho orientable UNF central



Té orientable mâle JIC 37° x mâle UNF + o'ring x mâle JIC 37° équipé

Tee male JIC 37°-central Banjo UNF-male JIC 37°

Raccordo a T JIC 37° orientabile centrale UNF (maschio-maschio orientabile-maschio)

TUBO PIPE		ROSCA THREAD		REFERENCIA PART N°	€
6	1/4	7/16" 20h UNF		<b>S5850611</b>	
8	5/16	1/2" 20h UNF		<b>S5850812</b>	
10	3/8	9/16" 18h UNF		<b>S5851014</b>	
12	1/2	3/4" 16h UNF		<b>S5851219</b>	
14-15-16	5/8	7/8" 14h UNF		<b>S5851622</b>	
18-20	3/4	1"1/16 12h UNF		<b>S5852027</b>	
25	1	1"5/16 12h UNF		<b>S5852533</b>	

## Racores JIC 37°

Raccords JIC 37°

JIC 37° fittings

Raccordi JIC 37°

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

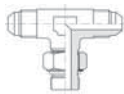
JIC 37° fittings

SAE Flanges

Clamps

Machines for  
processing rigid pipes

### Te macho JIC 37° - macho orientable métrico central



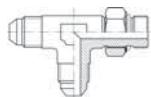
Té orientable mâle JIC 37° x mâle Métrique + o'ring x mâle JIC 37° équipé

Tee male JIC 37°-Metric central Banjo male-male JIC 37°

Raccordo a T JIC 37° orientabile centrale Metrico (maschio-maschio orientabile-maschio)

TUBO PIPE		ROSCA THREAD		REFERENCIA PART N°	€
6	1/4	7/16" JIC	M10X1	<b>S6350610</b>	
8	5/16	1/2" JIC	M12X1.5	<b>S6350812</b>	
10	3/8	9/16" JIC	M14X1.5	<b>S6351014</b>	
12	1/2	3/4" JIC	M18x1.5	<b>S6351218</b>	
14-15-16	5/8	7/8" JIC	M18X1.5	<b>S6351618</b>	
14-15-16	5/8	7/8" JIC	M22X1.5	<b>S6351622</b>	
18-20	3/4	1"1/16 JIC	M27X2	<b>S6352027</b>	
25	1	1"5/16 JIC	M33X2	<b>S6352533</b>	

### Te macho JIC 37° - macho orientable BSP lateral



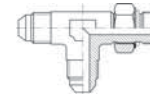
Té orientable mâle JIC 37° x mâle JIC 37° x mâle gaz cyl + o'ring équipé

Tee male JIC 37°-BSP lateral Banjo male-male JIC 37°

Raccordo a T JIC 37° orientabile laterale BSP (maschio-maschio-maschio orientabile)

TUBO PIPE		ROSCA THREAD		R. P.	€
8	5/16	1/2" 20h UNF	1/4" BSP	<b>S6050813</b>	
10	3/8	9/16" 18h UNF	1/4" BSP	<b>S6051013</b>	
12	1/2	3/4" 16h UNF	3/8" BSP	<b>S6051217</b>	
14-15-16	5/8	7/8" 14h UNF	1/2" BSP	<b>S6051621</b>	
18-20	3/4	1"1/16 12h UNF	3/4" BSP	<b>S6052026</b>	
25	1	1"5/16 12h UNF	1" BSP	<b>S6052533</b>	
30-32	1 1/4	1"5/8 12h UNF	1"1/4 BSP	<b>S6053242</b>	
38	1 1/2	1"7/8 12h UNF	1"1/2 BSP	<b>S6053848</b>	

### Te macho JIC 37° - macho orientable UNF lateral



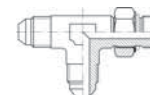
Té orientable mâle JIC 37° x mâle JIC 37°x mâle UNF + o'ring équipé

Tee male JIC 37°-lateral Banjo UNF-male JIC 37°

Raccordo a T JIC 37° orientabile laterale UNF (maschio-maschio-maschio orientabile)

TUBO PIPE		ROSCA THREAD		REFERENCIA PART N°	€
6	1/4	7/16" JIC	7/16" UNF	<b>S5800611</b>	
8	5/16	1/2" JIC	1/2" UNF	<b>S5800812</b>	
10	3/8	9/16" JIC	9/16" UNF	<b>S5801014</b>	
16	5/8	7/8" JIC	7/8" UNF	<b>S5801622</b>	
20	3/4	1"1/16 JIC	1"1/16 UNF	<b>S5802027</b>	
25	1	1"5/16 JIC	1"5/16 UNF	<b>S5802533</b>	

### Te macho JIC 37° - macho orientable métrico lateral



Té orientable mâle JIC 37° x mâle JIC 37°x mâle Métrique + o'ring équipé

Tee male JIC 37°-Metric lateral Banjo male-male JIC 37°

Raccordo a T JIC 37° orientabile laterale Metrico (maschio-maschio-maschio orientabile)

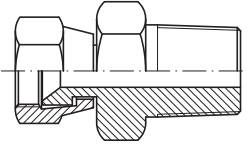
TUBO PIPE		ROSCA THREAD		REFERENCIA PART N°	€
12	1/2	3/4" 16h UNF	M16x1,5	<b>S6301216</b>	
12	1/2	3/4" 16h UNF	M18x1,5	<b>S6301218</b>	
14-15-16	5/8	7/8" 14h UNF	M18x1,5	<b>S6301618</b>	
14-15-16	5/8	7/8" 14h UNF	M22x1,5	<b>S6301622</b>	
18-20	3/4	1"1/16 12h UNF	M27X1.5	<b>S6302027</b>	
25	1	1"5/16 12h UNF	M33x2	<b>S6302533</b>	

## Artículos bajo consulta

Articles à consulter | Items on request | Articoli su richiesta

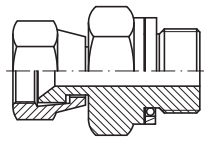
### S160

**Racor macho NPT - hembra giratoria JIC 37°** | Adapteur femelle tournante JIC 37° x mâle NPT équipé | Adaptor swivel nut JIC-male NPT | Niples maschio-femmina NPT-JIC 37°



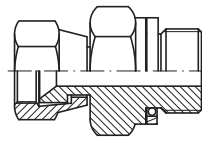
### S170

**Racor macho UNF - hembra giratoria JIC 37°** | Adapteur femelle tournante JIC 37° x mâle UNF équipé | Adaptor swivel nut JIC-male UNF | Niples maschio-femmina UNF-JIC 37°



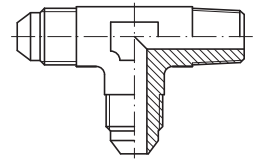
### S190

**Racor macho Métrico - hembra giratoria JIC 37°** | Adapteur femelle tournante JIC 37° x mâle Métrique équipé | Adaptor swivel nut JIC-male UNF | Niples maschio-femmina UNF-JIC 37°



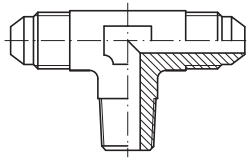
### S530

**Te macho JIC 37° - macho NPT lateral** | Té mâle JIC 37° x mâle JIC 37° x mâle NPT équipé | Tee male JIC 37°-male JIC 37°-lateral NPT male | Raccordo a T maschio JIC 37°-maschio JIC 37°-maschio laterale (NPT)



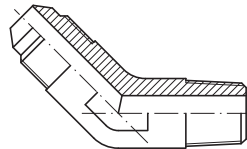
### S535

**Te macho JIC 37° - macho NPT central** | Té mâle JIC 37° x mâle JIC 37° x mâle JIC 37° équipé | Tee male JIC 37°-NPT central male-male JIC 37° | Raccordo a T maschio JIC 37° - maschio centrale NPT-maschio JIC 37°



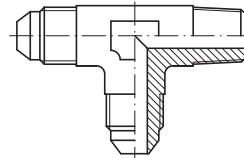
### S540

**Codo 45° macho JIC 37° - macho NPT** | Adapteur coude 45° mâle JIC 37° x mâle NPT équipé | 45° Elbow male JIC 37°-male NPT | Adattatore a 45° maschio JIC 37°-maschio NPT



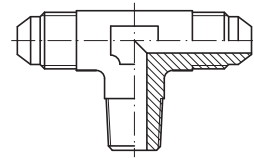
### S555

**Te macho JIC 37° - macho BSPT lateral** | Té mâle JIC 37° x mâle JIC 37° x mâle BSPT équipé | Tee male JIC 37°-male JIC 37°-lateral BSPT male | Raccordo a T maschio JIC 37°-maschio JIC 37°-maschio laterale BSPT



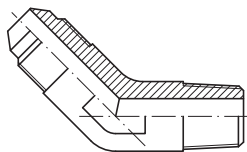
### S560

**Te macho JIC 37° - macho BSPT central** | Té mâle JIC 37° x mâle BSPT x mâle JIC 37° équipé | Tee male JIC 37°-BSPT central male-male JIC 37° | Raccordo a T maschio JIC 37° - maschio centrale BSPT-maschio JIC 37°



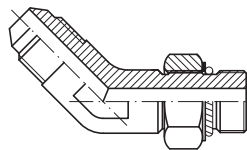
### S565

**Codo 45° macho JIC 37° - macho BSPT** | Adapteur coude 45° mâle JIC 37° x mâle BSPT équipé | 45° Elbow male JIC 37°-male BSPT | Adattatore a 45° maschio JIC 37°-maschio BSPT



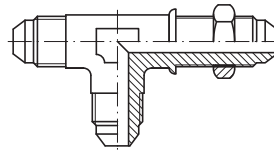
### S590

**Codo 45° macho JIC 37° - macho UNF orient.** | Adapteur coude 45° mâle JIC 37° x mâle UNF + o'ring et bae équipé | 45° Elbow male JIC 37°-UNF Banjo male | Adattatore a 45° maschio JIC 37°-maschio UNF orientabile



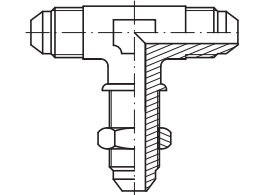
### S655

**Te macho JIC 37° pasatabiques lateral** | Té mâle JIC 37° x mâle JIC 37° x passe cloison mâle JIC 37° équipé | Tee male JIC 37°-male JIC 37°-lateral bulkhead male JIC 37° | Raccordo a T maschio JIC 37°-maschio JIC 37°-passaparete laterale maschio JIC 37°



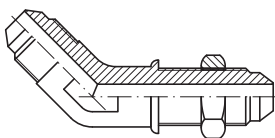
### S660

**Te macho JIC 37° pasatabiques central** | Té mâle JIC 37° x passe cloison mâle JIC 37° x mâle JIC 37° équipé | Tee male JIC 37°-central bulkhead male JIC 37°-male JIC 37° | Raccordo a T maschio JIC 37°-passaparete centrale maschio JIC 37°-maschio JIC 37°



### S665

**Codo 45° pasatabiques macho - macho JIC 37°** | Coude 45° passe cloison mâle-mâle JIC 37° | 45° Bulkhead elbow male - male JIC 37° | Adattatore a 45° passaparete maschio - maschio JIC 37°



# Bridas SAE

Brides de fixation SAE  
SAE Flanges  
Flangia SAE



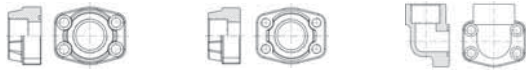
## Bridas SAE

Brides de fixation SAE | SAE Flanges | Flange SAE

Pipe

### ▶ **Bridas Roscadas** | Brides taraudées | Threaded flanges | Flangia filettate

213



BBRG

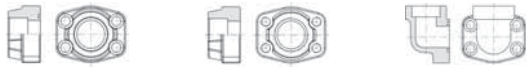
BCRG

B90RG

DIN 2353 Pipe Fittings

### ▶ **Bridas soldables tubo gas** | Brides à souder pour tube gaz | Welding flanges for gas tube | Flangia a saldare per tubo gas

214



BBSG

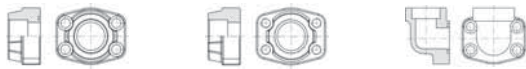
BCSG

B90SG

Gas tube fittings

### ▶ **Bridas soldables tubo métrico** | Brides à souder pour tube métrique | Welding flanges for metric tube | Flangia a saldare per tubo Metrico

215



BBSM

BCSM

B90SM

JIC 37° fittings

### ▶ **Bridas soldables macho** | Brides à souder mâle | Male welding flanges | Flangia a saldare maschio

216



BMSG

BCMSG

BMSM

BCMSM

BMSLM

BCMSLM

### ▶ **Bridas roscadas macho** | Brides taraudées mâle | Male threaded flanges | Flangia filettate maschio

218



BMRG

BMRM

SAE Flanges

### ▶ **Bridas ciegas** | Brides avec obturateur fermé | Blind flanges | Flangia cieche

218



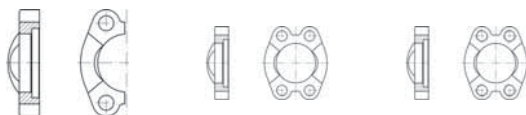
BBC

BCC

Clamps

### ▶ **Bridas para flexibles** | Brides SAE pour flexibles | SAE Flanges for hoses | Flangia SAE per tubi flessibili

219



BBP

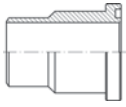
BBE

BCE

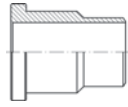
Machines for processing rigid pipes

► **Conos soldar** | Collets à souder | Welding adaptors for flanges | Ogive a saldare

220



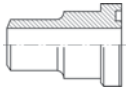
BSM31/61



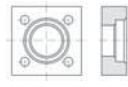
BSM30/60

► **Bridas Cetop** | Brides Cetop | Cetop flanges | Flangia Cetop

220



BCTS



BCT

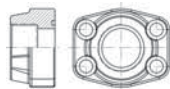




# Bridas SAE

Brides de fixation SAE  
SAE Flanges  
Flange SAE

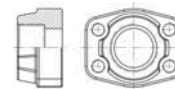
## Brida roscada hembra BSP



Bride taraudée femelle BSP  
BSP Female threaded flange  
Flangia filettata femmina BSP

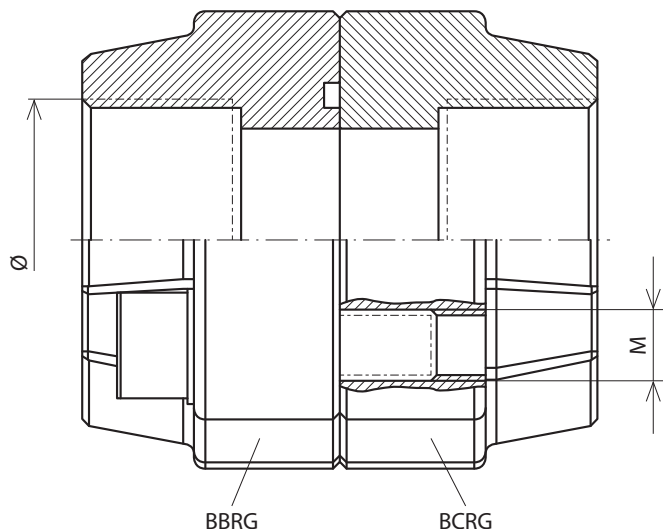
SERIE	ROSCA THREAD	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	1/2" BSP	1/2"	<b>BBRG30808</b>	
3000 PSI	3/8" BSP	1/2"	<b>BBRG30806</b>	
3000 PSI	3/4" BSP	3/4"	<b>BBRG31212</b>	
3000 PSI	1/2" BSP	3/4"	<b>BBRG31208</b>	
3000 PSI	1" BSP	1"	<b>BBRG31616</b>	
3000 PSI	3/4" BSP	1"	<b>BBRG31612</b>	
3000 PSI	1"1/4 BSP	1"1/4	<b>BBRG32020</b>	
3000 PSI	1" BSP	1"1/4	<b>BBRG32016</b>	
3000 PSI	1"1/2 BSP	1"1/2	<b>BBRG32424</b>	
3000 PSI	1"1/4 BSP	1"1/2	<b>BBRG32420</b>	
3000 PSI	2" BSP	2"	<b>BBRG33232</b>	
3000 PSI	1"1/2 BSP	2"	<b>BBRG33224</b>	
3000 PSI	2"1/2 BSP	2"1/2	<b>BBRG34040</b>	
3000 PSI	2"1/2 BSP	2"1/2	<b>BBRG34848</b>	
3000 PSI	2" BSP	2"1/2	<b>BBRG34032</b>	
3000 PSI	2"1/2 BSP	3"	<b>BBRG34840</b>	
3000 PSI	3"1/2 BSP	3"1/2	<b>BBRG35656</b>	
3000 PSI	3" BSP	3"1/2	<b>BBRG35648</b>	
3000 PSI	4" BSP	4"	<b>BBRG36464</b>	
3000 PSI	3"1/2 BSP	4"	<b>BBRG36456</b>	
6000 PSI	1/2" BSP	1/2"	<b>BBRG60808</b>	
6000 PSI	3/8" BSP	1/2"	<b>BBRG60806</b>	
6000 PSI	3/4" BSP	3/4"	<b>BBRG61212</b>	
6000 PSI	1/2" BSP	3/4"	<b>BBRG61208</b>	
6000 PSI	1" BSP	1"	<b>BBRG61616</b>	
6000 PSI	3/4" BSP	1"	<b>BBRG61612</b>	
6000 PSI	1"1/4 BSP	1"1/4	<b>BBRG62020</b>	
6000 PSI	1" BSP	1"1/4	<b>BBRG62016</b>	
6000 PSI	1"1/2 BSP	1"1/2	<b>BBRG62420</b>	
6000 PSI	1"1/2 BSP	1"1/2	<b>BBRG62424</b>	
6000 PSI	2" BSP	2"	<b>BBRG63232</b>	
6000 PSI	1"1/2 BSP	2"	<b>BBRG63224</b>	

## Contrabrida roscada hembra BSP



Contre-bride taraudée femelle BSP  
BSP Female threaded counter-flange  
Controflangia filettata femmina BSP

SERIE	ROSCA THREAD	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	1/2" BSP	1/2"	<b>BCRG30808</b>	
3000 PSI	3/8" BSP	1/2"	<b>BCRG30806</b>	
3000 PSI	3/4" BSP	3/4"	<b>BCRG31212</b>	
3000 PSI	1/2" BSP	3/4"	<b>BCRG31208</b>	
3000 PSI	1" BSP	1"	<b>BCRG31616</b>	
3000 PSI	3/4" BSP	1"	<b>BCRG31612</b>	
3000 PSI	1"1/4 BSP	1"1/4	<b>BCRG32020</b>	
3000 PSI	1" BSP	1"1/4	<b>BCRG32016</b>	
3000 PSI	1"1/2 BSP	1"1/2	<b>BCRG32424</b>	
3000 PSI	1"1/4 BSP	1"1/2	<b>BCRG32420</b>	
3000 PSI	2" BSP	2"	<b>BCRG33232</b>	
3000 PSI	1"1/2 BSP	2"	<b>BCRG33224</b>	
3000 PSI	2"1/2 BSP	2"1/2	<b>BCRG34040</b>	
3000 PSI	2" BSP	2"1/2	<b>BCRG34032</b>	
3000 PSI	3" BSP	3"	<b>BCRG34848</b>	
3000 PSI	2"1/2 BSP	3"	<b>BCRG34840</b>	
3000 PSI	3"1/2 BSP	3"1/2	<b>BCRG35656</b>	
3000 PSI	3" BSP	3"1/2	<b>BCRG35648</b>	
3000 PSI	4" BSP	4"	<b>BCRG36464</b>	
3000 PSI	3"1/2 BSP	4"	<b>BCRG36456</b>	
6000 PSI	1/2" BSP	1/2"	<b>BCRG60808</b>	
6000 PSI	3/8" BSP	1/2"	<b>BCRG60806</b>	
6000 PSI	3/4" BSP	3/4"	<b>BCRG61212</b>	
6000 PSI	1/2" BSP	3/4"	<b>BCRG61208</b>	
6000 PSI	1" BSP	1"	<b>BCRG61616</b>	
6000 PSI	3/4" BSP	1"	<b>BCRG61612</b>	
6000 PSI	1"1/4 BSP	1"1/4	<b>BCRG62020</b>	
6000 PSI	1" BSP	1"1/4	<b>BCRG62016</b>	
6000 PSI	1"1/2 BSP	1"1/2	<b>BCRG62424</b>	
6000 PSI	1"1/4 BSP	1"1/2	<b>BCRG62420</b>	
6000 PSI	2" BSP	2"	<b>BCRG63232</b>	
6000 PSI	1"1/2 BSP	2"	<b>BCRG63224</b>	



## Brida codo 90° roscada hembra BSP



Bride 90° taraudée femelle BSP  
90° BSP female threaded flange  
Flangia a 90° filettata femmina BSP

SERIE	ROSCA THREAD	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	1/2" BSP	1/2"	<b>B90RG30808</b>	
3000 PSI	3/8" BSP	1/2"	<b>B90RG30806</b>	
3000 PSI	3/4" BSP	3/4"	<b>B90RG31212</b>	
3000 PSI	1" BSP	1"	<b>B90RG31616</b>	
3000 PSI	1"1/4 BSP	1"1/4	<b>B90RG32020</b>	
3000 PSI	1"1/2 BSP	1"1/2	<b>B90RG32424</b>	
3000 PSI	2" BSP	2"	<b>B90RG33232</b>	
6000 PSI	1/2" BSP	1/2"	<b>B90RG60808</b>	
6000 PSI	3/8" BSP	1/2"	<b>B90RG60806</b>	
6000 PSI	3/4" BSP	3/4"	<b>B90RG61212</b>	
6000 PSI	1" BSP	1"	<b>B90RG61616</b>	
6000 PSI	1"1/4 BSP	1"1/4	<b>B90RG62020</b>	
6000 PSI	1"1/2 BSP	1"1/2	<b>B90RG62424</b>	

## Bridas SAE

Brides de fixation SAE  
SAE Flanges  
Flange SAE

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

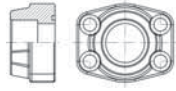
JIC 37° fittings

SAE Flanges

Clamps

Machines for processing rigid pipes

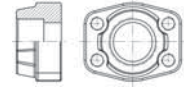
## Brida soldable hembra tubo gas



Bride à souder femelle tube gaz  
Welding female flange for gas tube  
Flangia femmina a saldare per tubo gas

SERIE	Ø in	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	21.6	1/2"	BBSG308216	
3000 PSI	17.5	1/2"	BBSG308175	
3000 PSI	27.2	3/4"	BBSG312272	
3000 PSI	34	1"	BBSG316340	
3000 PSI	42.8	1"1/4	BBSG320428	
3000 PSI	48.6	1"1/2	BBSG324486	
3000 PSI	61	2"	BBSG332610	
3000 PSI	76.6	2"1/2	BBSG340766	
3000 PSI	90.5	3"	BBSG348905	
3000 PSI	103	3"1/2	BBSG3561030	
3000 PSI	115.5	4"	BBSG641155	
6000 PSI	21.6	1/2"	BBSG608216	
6000 PSI	17.5	1/2"	BBSG608175	
6000 PSI	27.2	3/4"	BBSG612272	
6000 PSI	34	1"	BBSG621612	
6000 PSI	42.8	1"1/4	BBSG620428	
6000 PSI	48.6	1"1/2	BBSG624486	
6000 PSI	61	2"	BBSG632610	

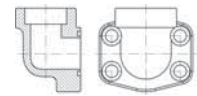
## Contrabrida soldable hembra tubo gas



Contre-bride à souder femelle tube gaz  
Welding female counter-flange for gas tube  
Controflangia femmina a saldare per tubo gas

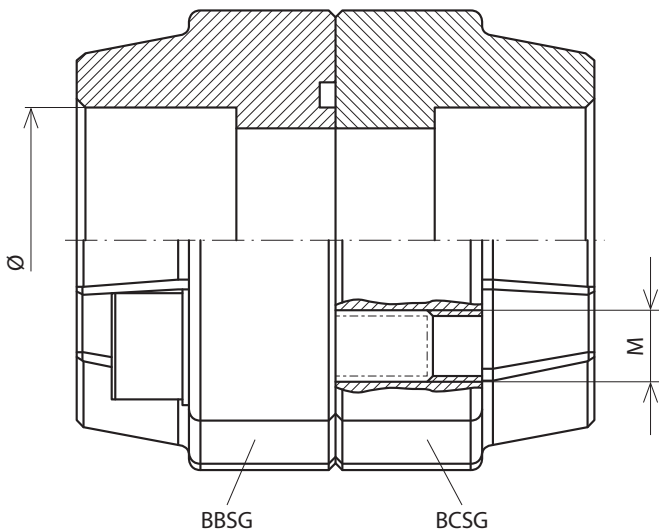
SERIE	Ø in	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	21.6	1/2"	BCSG308216	
3000 PSI	17.5	1/2"	BCSG308175	
3000 PSI	27.2	3/4"	BCSG312272	
3000 PSI	34	1"	BCSG316340	
3000 PSI	42.8	1"1/4	BCSG320428	
3000 PSI	48.6	1"1/2	BCSG324486	
3000 PSI	61	2"	BCSG332610	
3000 PSI	76.6	2"1/2	BCSG340766	
3000 PSI	90.5	3"	BCSG348905	
3000 PSI	103	3"1/2	BCSG3561030	
3000 PSI	115.5	4"	BCSG3641155	
6000 PSI	21.6	1/2"	BCSG608216	
6000 PSI	27.2	3/4"	BCSG612272	
6000 PSI	34	1"	BCSG616340	
6000 PSI	42.8	1"1/4	BCSG620428	
6000 PSI	48.6	1"1/2	BCSG624486	
6000 PSI	61	2"	BCSG632610	

## Brida codo 90° soldable hembra tubo gas



Bride 90° à souder femelle tube gaz  
90° welding female flange for gas tube  
Flangia a 90° femmina a saldare per tubo gas

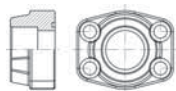
SERIE	Ø in	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	21.6	1/2"	B90SG308216	
3000 PSI	17.5	1/2"	B90SG308175	
3000 PSI	27.2	3/4"	B90SG312272	
3000 PSI	34	1"	B90SG316340	
3000 PSI	42.8	1"1/4	B90SG320428	
3000 PSI	48.6	1"1/2	B90SG324486	
3000 PSI	61	2"	B90SG332610	
6000 PSI	21.6	1/2"	B90SG608216	
6000 PSI	17.5	1/2"	B90SG608175	
6000 PSI	27.2	3/4"	B90SG612272	
6000 PSI	34	1"	B90SG616340	
6000 PSI	42.8	1"1/4	B90SG620428	
6000 PSI	48.6	1"1/2	B90SG624486	



# Bridas SAE

Bridas de fixation SAE  
SAE Flanges  
Flange SAE

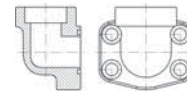
## Brida soldable hembra tubo métrico



Bride à souder femelle tube métrique  
Female welding flange for metric tube  
Flangia femmina a saldare per tubo Metrico

SERIE	Ø in	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	20.3	1/2"	<b>BBSM308203</b>	
3000 PSI	25.3	3/4"	<b>BBSM312253</b>	
3000 PSI	30.3	1"	<b>BBSM316303</b>	
3000 PSI	38.3	1"1/4	<b>BBSM320383</b>	
3000 PSI	50.5	1"1/2	<b>BBSM324505</b>	
6000 PSI	20.3	1/2"	<b>BBSM608203</b>	
6000 PSI	25.3	3/4"	<b>BBSM612253</b>	
6000 PSI	30.3	1"	<b>BBSM616303</b>	
6000 PSI	38.3	1"1/4	<b>BBSM620383</b>	
6000 PSI	50.5	1"1/2	<b>BBSM624505</b>	

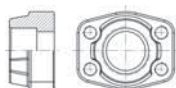
## Brida codo 90° soldable hembra tubo métrico



Bride 90° à souder femelle tube métrique  
90° female welding flange for metric tube  
Flangia a 90° femmina a saldare per tubo Metrico

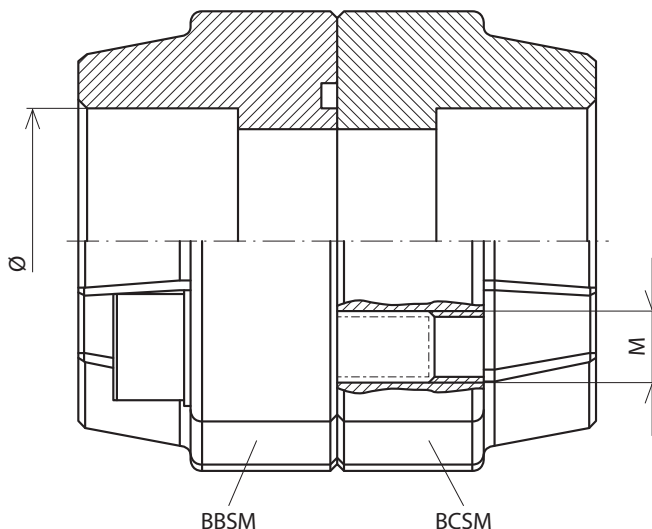
SERIE	Ø in	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	20.3	1/2"	<b>B90SM308203</b>	
3000 PSI	25.3	3/4"	<b>B90SM312253</b>	
3000 PSI	30.3	1"	<b>B90SM316303</b>	
3000 PSI	38.3	1"1/4	<b>B90SM320383</b>	
3000 PSI	50.5	1"1/2	<b>B90SM324505</b>	
6000 PSI	20.3	1/2"	<b>B90SM608203</b>	
6000 PSI	25.3	3/4"	<b>B90SM612253</b>	
6000 PSI	30.3	1"	<b>B90SM616303</b>	
6000 PSI	38.3	1"1/4	<b>B90SM620383</b>	
6000 PSI	50.3	1"1/2	<b>B90SM624503</b>	

## Contrabrida soldable hembra tubo métrico



Contre-bride à souder femelle tube métrique  
Female welding counter-flange for metric tube  
Controflangia femmina a saldare per tubo Metrico

SERIE	Ø in	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	20.3	1/2"	<b>BCSM308203</b>	
3000 PSI	25.3	3/4"	<b>BCSM312253</b>	
3000 PSI	30.3	1"	<b>BCSM316303</b>	
3000 PSI	38.3	1"1/4	<b>BCSM320383</b>	
6000 PSI	20.3	1/2"	<b>BCSM608203</b>	
6000 PSI	25.3	3/4"	<b>BCSM612253</b>	
6000 PSI	30.3	1"	<b>BCSM616303</b>	
6000 PSI	38.3	1"1/4	<b>BCSM620383</b>	
6000 PSI	50.5	1"1/2	<b>BCSM624505</b>	



## Bridas SAE

Brides de fixation SAE  
SAE Flanges  
Flange SAE

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

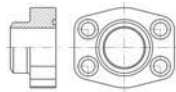
JIC 37° fittings

SAE Flanges

Clamps

Machines for  
processing rigid pipes

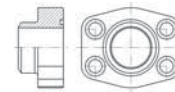
## Brida soldable macho tubo gas



Bride à souder mâle tube gaz  
Male welding flange for gas tube  
Flangia a saldare maschio tubo gas

SERIE	Ø ext Ø outer	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	21.5	1/2"	<b>BMSG308215</b>	
3000 PSI	17.5	1/2"	<b>BMSG308175</b>	
3000 PSI	28	3/4"	<b>BMSG312280</b>	
3000 PSI	34	1"	<b>BMSG316340</b>	
3000 PSI	42.8	1"1/4	<b>BMSG320428</b>	
3000 PSI	48.6	1"1/2	<b>BMSG324486</b>	
3000 PSI	61	2"	<b>BMSG332610</b>	
3000 PSI	77	2"1/2	<b>BMSG340770</b>	
3000 PSI	92	3"	<b>BMSG348920</b>	
3000 PSI	103	3"1/2	<b>BMSG356103</b>	
6000 PSI	21.5	1/2"	<b>BMSG608215</b>	
6000 PSI	17.5	1/2"	<b>BMSG608175</b>	
6000 PSI	28	3/4"	<b>BMSG612280</b>	
6000 PSI	34	1"	<b>BMSG616340</b>	
6000 PSI	42.8	1"1/4	<b>BMSG620428</b>	
6000 PSI	48.6	1"1/2	<b>BMSG624486</b>	
6000 PSI	61	2"	<b>BMSG632610</b>	

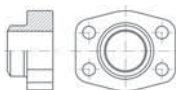
## Brida soldable macho tubo métrico



Bride à souder mâle tube métrique  
Male welding flange for metric tube  
Flangia a saldare maschio tubo Metrico

SERIE	Ø ext Ø outer	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	25	3/4"	<b>BMSM31225</b>	
3000 PSI	30	1"	<b>BMSM31630</b>	
3000 PSI	38	1"1/4	<b>BMSM32038</b>	
3000 PSI	42	1"1/2	<b>BMSM32442</b>	
3000 PSI	61	2"	<b>BMSM33261</b>	
3000 PSI	49	2"	<b>BMSM33249</b>	
3000 PSI	77	3"	<b>BMSM34877</b>	
3000 PSI	77	3"1/2	<b>BMSM35677</b>	
3000 PSI	90	3"1/2	<b>BMSM35690</b>	
3000 PSI	77	4"	<b>BMSM36477</b>	
3000 PSI	90	4"	<b>BMSM36490</b>	
6000 PSI	20	1/2"	<b>BMSM60820</b>	
6000 PSI	20	3/4"	<b>BMSM61220</b>	
6000 PSI	25	3/4"	<b>BMSM61225</b>	
6000 PSI	25	1"	<b>BMSM61625</b>	
6000 PSI	30	1"	<b>BMSM61630</b>	
6000 PSI	38	1"1/4	<b>BMSM62038</b>	
6000 PSI	38	1"1/2	<b>BMSM62438</b>	
6000 PSI	61	2"	<b>BMSM63261</b>	

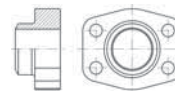
## Contrabrida soldable macho tubo gas



Contre-bride à souder mâle tube gaz  
Male welding counter-flange for gas tube  
Controflangia a saldare maschio tubo gas

SERIE	Ø ext Ø outer	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	21.5	1/2"	<b>BCMSG308215</b>	
3000 PSI	17.5	1/2"	<b>BCMSG308175</b>	
3000 PSI	28	3/4"	<b>BCMSG312280</b>	
3000 PSI	34	1"	<b>BCMSG316340</b>	
3000 PSI	42.8	1"1/4	<b>BCMSG320428</b>	
3000 PSI	48.6	1"1/2	<b>BCMSG324486</b>	
3000 PSI	61	2"	<b>BCMSG332610</b>	
3000 PSI	77	2"1/2	<b>BCMSG340770</b>	
3000 PSI	92	3"	<b>BCMSG348920</b>	
3000 PSI	103	3"1/2	<b>BCMSG561030</b>	
3000 PSI	115.5	4"	<b>BCMSG3641155</b>	
6000 PSI	21.5	1/2"	<b>BCMSG608215</b>	
6000 PSI	17.5	1/2"	<b>BCMSG608175</b>	
6000 PSI	28	3/4"	<b>BCMSG612280</b>	
6000 PSI	34	1"	<b>BCMSG616340</b>	
6000 PSI	42.8	1"1/4	<b>BCMSG620428</b>	
6000 PSI	48.6	1"1/2	<b>BCMSG624486</b>	
6000 PSI	61	2"	<b>BCMSG632610</b>	

## Contrabrida soldable macho tubo métrico



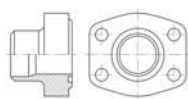
Contre-bride à souder mâle tube métrique  
Male welding counter-flange for metric tube  
Controflangia a saldare maschio tubo Metrico

SERIE	Ø ext Ø outer	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	25	3/4"	<b>BCMSM31225</b>	
3000 PSI	30	1"	<b>BCMSM31630</b>	
3000 PSI	38	1"1/4	<b>BCMSM32038</b>	
3000 PSI	42	1"1/2	<b>BCMSM32442</b>	
3000 PSI	49	1"1/2	<b>BCMSM32449</b>	
3000 PSI	61	2"	<b>BCMSM33261</b>	
3000 PSI	49	2"	<b>BCMSM33249</b>	
3000 PSI	77	2"1/2	<b>BCMSM34077</b>	
3000 PSI	77	3"	<b>BCMSM34877</b>	
3000 PSI	77	3"1/2	<b>BCMSM35677</b>	
3000 PSI	90	3"1/2	<b>BCMSM35690</b>	
3000 PSI	90	4"	<b>BCMSM36490</b>	
6000 PSI	20	1/2"	<b>BCMSM60820</b>	
6000 PSI	20	3/4"	<b>BCMSM61220</b>	
6000 PSI	25	3/4"	<b>BCMSM61225</b>	
6000 PSI	25	1"	<b>BCMSM61625</b>	
6000 PSI	30	1"	<b>BCMSM61630</b>	
6000 PSI	38	1"1/4	<b>BCMSM62038</b>	
6000 PSI	38	1"1/2	<b>BCMSM62438</b>	
6000 PSI	61	2"	<b>BCMSM63261</b>	

# Bridas SAE

Brides de fixation SAE  
SAE Flanges  
Flange SAE

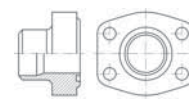
## Brida soldable macho serie L tubo métrico



Bride à souder mâle série L tube métrique  
Male welding flange L serie for metric tube  
Flangia a saldare maschio serie L tubo Metrico

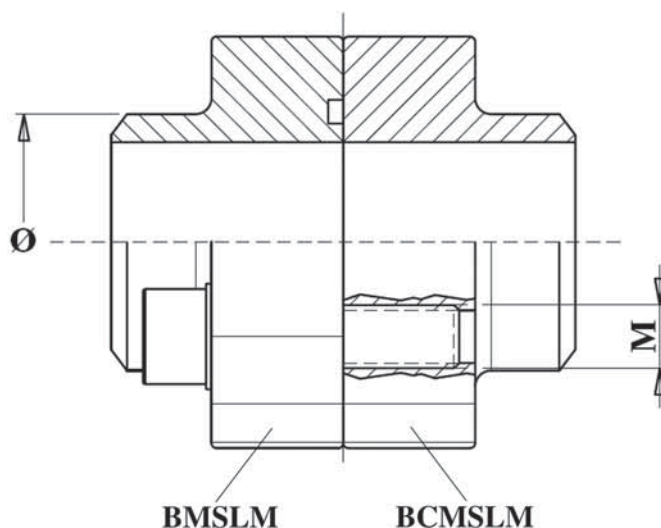
SERIE	Ø ext Ø outer	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	20	1/2"	<b>BMSLM30820</b>	
3000 PSI	22	1/2"	<b>BMSLM30822</b>	
3000 PSI	28	3/4"	<b>BMSLM31228</b>	
3000 PSI	35	1"	<b>BMSLM31635</b>	
3000 PSI	43	1"1/4	<b>BMSLM32043</b>	
3000 PSI	49	1"1/2	<b>BMSLM32449</b>	
3000 PSI	61	2"	<b>BMSLM33261</b>	
3000 PSI	77	2"1/2	<b>BMSLM34077</b>	
3000 PSI	90	3"	<b>BMSLM34890</b>	
3000 PSI	115	4"	<b>BMSLM364115</b>	

## Contrabrida soldable macho serie L tubo métrico



Contre-bride à souder mâle série L tube métrique  
Male welding counter-flange L serie for metric tube  
Controflangia a saldare maschio serial L tubo Metrico

SERIE	Ø ext Ø outer	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	20	1/2"	<b>BCMSLM30820</b>	
3000 PSI	22	1/2"	<b>BCMSLM30822</b>	
3000 PSI	28	3/4"	<b>BCMSLM31228</b>	
3000 PSI	35	1"	<b>BCMSLM31635</b>	
3000 PSI	43	1"1/4	<b>BCMSLM32043</b>	
3000 PSI	49	1"1/2	<b>BCMSLM32449</b>	
3000 PSI	61	2"	<b>BCMSLM33261</b>	
3000 PSI	77	2"1/2	<b>BCMSLM34077</b>	
3000 PSI	90	3"	<b>BCMSLM34890</b>	
3000 PSI	115	4"	<b>BCMSLM364115</b>	



## Bridas SAE

Bridas de fixation SAE  
SAE Flanges  
Flange SAE

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

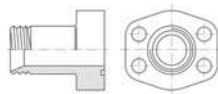
JIC 37° fittings

SAE Flanges

Clamps

Machines for  
processing rigid pipes

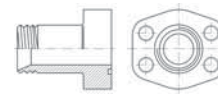
## Brida roscada macho BSP



Bridas tarau­deés mâle BSP  
BSP Male threaded flange  
Flangia maschio filettata BSP

SERIE	ROSCA THREAD	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	1/2" BSP	1/2"	<b>BMRG30808</b>	
3000 PSI	3/8" BSP	1/2"	<b>BMRG30806</b>	
3000 PSI	3/4" BSP	3/4"	<b>BMRG31212</b>	
3000 PSI	1/2" BSP	3/4"	<b>BMRG31208</b>	
3000 PSI	1" BSP	1"	<b>BMRG31616</b>	
3000 PSI	3/4" BSP	1"	<b>BMRG31612</b>	
3000 PSI	1"1/4 BSP	1"1/4"	<b>BMRG32020</b>	
3000 PSI	1" BSP	1"1/4"	<b>BMRG32016</b>	
3000 PSI	1"1/2 BSP	1"1/2"	<b>BMRG32424</b>	
3000 PSI	1"1/4 BSP	1"1/2"	<b>BMRG32420</b>	
6000 PSI	1/2" BSP	1/2"	<b>BMRG60808</b>	
6000 PSI	3/8" BSP	1/2"	<b>BMRG60806</b>	
6000 PSI	3/4" BSP	3/4"	<b>BMRG61212</b>	
6000 PSI	1/2" BSP	3/4"	<b>BMRG61208</b>	
6000 PSI	1" BSP	1"	<b>BMRG61616</b>	
6000 PSI	3/4" BSP	1"	<b>BMRG61612</b>	
6000 PSI	1"1/4 BSP	1"1/4"	<b>BMRG62020</b>	
6000 PSI	1" BSP	1"1/4"	<b>BMRG62016</b>	
6000 PSI	1"1/2 BSP	1"1/2"	<b>BMRG62424</b>	
6000 PSI	1"1/4 BSP	1"1/2"	<b>BMRG62420</b>	

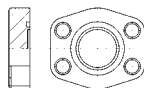
## Brida roscada macho métrico



Bridas tarau­deés mâle Métrica  
Metric Male threaded flange  
Flangia maschio filettata Metrica

SERIE	ROSCA THREAD	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	M22x1,5	1/2"	<b>BMRM30822</b>	
3000 PSI	M30x2	3/4"	<b>BMRM31230</b>	
3000 PSI	M36x2	1"	<b>BMRM31636</b>	
3000 PSI	M45x2	1"1/4"	<b>BMRM32045</b>	
3000 PSI	M52x2	1"1/2"	<b>BMRM32452</b>	
6000 PSI	M24x1.5	1/2"	<b>BMRM60824</b>	
6000 PSI	M36X2	3/4"	<b>BMRM61236</b>	
6000 PSI	M42x2	1"	<b>BMRM61642</b>	
6000 PSI	M52x2	1"1/4"	<b>BMRM62052</b>	
6000 PSI	M52x2	1"1/2"	<b>BMRM62452</b>	

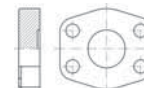
## Bridas ciegas



Bridas avec obturateur fermé  
Blind flanges  
Flangia cieche

SERIE	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	1/2"	<b>BBC308</b>	
3000 PSI	3/4"	<b>BBC312</b>	
3000 PSI	1"	<b>BBC316</b>	
3000 PSI	1"1/4"	<b>BBC320</b>	
3000 PSI	1"1/2"	<b>BBC324</b>	
3000 PSI	2"	<b>BBC332</b>	
3000 PSI	2"1/2"	<b>BBC340</b>	
3000 PSI	3"	<b>BBC348</b>	
3000 PSI	3"1/2"	<b>BBC356</b>	
3000 PSI	4"	<b>BBC364</b>	
3000 PSI	5"	<b>BBC380</b>	
6000 PSI	1/2"	<b>BBC608</b>	
6000 PSI	3/4"	<b>BBC612</b>	
6000 PSI	1"	<b>BBC616</b>	
6000 PSI	1"1/4"	<b>BBC620</b>	
6000 PSI	1"1/2"	<b>BBC624</b>	
6000 PSI	2"	<b>BBC632</b>	

## Contrabridas ciegas



Contre-brides avec obturateur fermé  
Blind counter-flanges  
Controflangia cieche

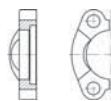
SERIE	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	1/2"	<b>BCC308</b>	
3000 PSI	3/4"	<b>BCC312</b>	
3000 PSI	1"	<b>BCC316</b>	
3000 PSI	1"1/4"	<b>BCC320</b>	
3000 PSI	1"1/2"	<b>BCC324</b>	
3000 PSI	2"	<b>BCC332</b>	
3000 PSI	2"1/2"	<b>BCC340</b>	
3000 PSI	3"	<b>BCC348</b>	
3000 PSI	3"1/2"	<b>BCC356</b>	
3000 PSI	4"	<b>BCC364</b>	
3000 PSI	5"	<b>BCC380</b>	
6000 PSI	1/2"	<b>BCC608</b>	
6000 PSI	3/4"	<b>BCC612</b>	
6000 PSI	1"	<b>BCC616</b>	
6000 PSI	1"1/4"	<b>BCC620</b>	
6000 PSI	1"1/2"	<b>BCC624</b>	
6000 PSI	2"	<b>BCC632</b>	



# Bridas SAE

Brides de fixation SAE  
SAE Flanges  
Flange SAE

## Brida partida pasante

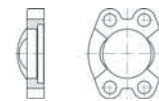


Demi-bride SAE passage total  
SAE Split flange  
Semiflangia SAE

SERIE	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	1/2"	<b>BBP308</b>	
3000 PSI	3/4"	<b>BBP312</b>	
3000 PSI	1"	<b>BBP316</b>	
3000 PSI	1"1/4	<b>BBP320</b>	
3000 PSI	1"1/2	<b>BBP324</b>	
3000 PSI	2"	<b>BBP332</b>	
3000 PSI	2"1/2	<b>BBP340</b>	
3000 PSI	3"	<b>BBP348</b>	
3000 PSI	3"1/2	<b>BBP356</b>	
3000 PSI	4"	<b>BBP364</b>	
6000 PSI	1/2"	<b>BBP608</b>	
6000 PSI	3/4"	<b>BBP612</b>	
6000 PSI	1"	<b>BBP616</b>	
6000 PSI	1"1/4	<b>BBP620</b>	
6000 PSI	1"1/2	<b>BBP624</b>	
6000 PSI	2"	<b>BBP632</b>	

Ver precios en p.55 (Conexiones Standard CrIII)//Prix à la p.55 (Embouts Série Standard CrIII)//See prices in p.55 (Standard Serie Fittings CrIII)//Vedere prezzi p.55 (Raccordi Serie Standard CrIII)

## Brida entera pasante

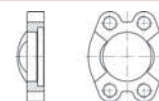


Bride SAE monobloc passage total  
SAE Flange  
Flangia monoblocco SAE

SERIE	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	1/2"	<b>BBE308</b>	
3000 PSI	3/4"	<b>BBE312</b>	
3000 PSI	1"	<b>BBE316</b>	
3000 PSI	1"1/4	<b>BBE320</b>	
3000 PSI	1"1/2	<b>BBE324</b>	
3000 PSI	2"	<b>BBE332</b>	
3000 PSI	2"1/2	<b>BBE340</b>	
3000 PSI	3"	<b>BBE348</b>	
3000 PSI	3"1/2	<b>BBE356</b>	
3000 PSI	4"	<b>BBE364</b>	
3000 PSI	5"	<b>BBE380</b>	
6000 PSI	1/2"	<b>BBE608</b>	
6000 PSI	3/4"	<b>BBE612</b>	
6000 PSI	1"	<b>BBE616</b>	
6000 PSI	1"1/4	<b>BBE620</b>	
6000 PSI	1"1/2	<b>BBE624</b>	
6000 PSI	2"	<b>BBE632</b>	

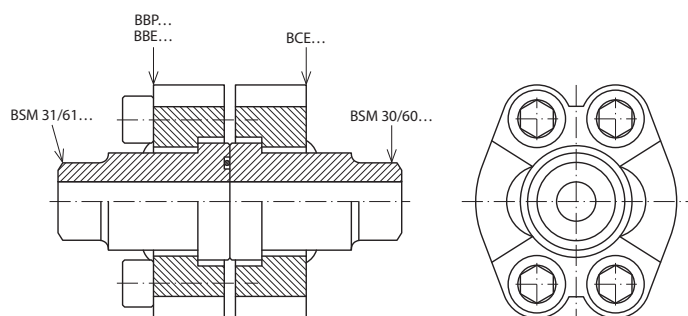
Ver precios en p.55 (Conexiones Standard CrIII)//Prix à la p.55 (Embouts Série Standard CrIII)//See prices in p.55 (Standard Serie Fittings CrIII)//Vedere prezzi p.55 (Raccordi Serie Standard CrIII)

## Contrabrida rosca Métrica



Contre-bride métrique  
Metric threaded counter-flange  
Controflangia filettata Metrica

SERIE	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	1/2"	<b>BCE308</b>	
3000 PSI	3/4"	<b>BCE312</b>	
3000 PSI	1"	<b>BCE316</b>	
3000 PSI	1"1/4	<b>BCE320</b>	
3000 PSI	1"1/2	<b>BCE324</b>	
3000 PSI	2"	<b>BCE332</b>	
3000 PSI	2"1/2	<b>BCE340</b>	
3000 PSI	3"	<b>BCE348</b>	
3000 PSI	3"1/2	<b>BCE356</b>	
3000 PSI	4"	<b>BCE364</b>	
3000 PSI	5"	<b>BCE380</b>	
6000 PSI	1/2"	<b>BCE608</b>	
6000 PSI	3/4"	<b>BCE612</b>	
6000 PSI	1"	<b>BCE616</b>	
6000 PSI	1"1/4	<b>BCE620</b>	
6000 PSI	1"1/2	<b>BCE624</b>	
6000 PSI	2"	<b>BCE632</b>	



## Bridas SAE

Bridas de fixation SAE  
SAE Flanges  
Flange SAE

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

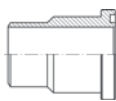
JIC 37° fittings

SAE Flanges

Clamps

Machines for processing rigid pipes

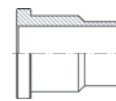
## Cono soldable tubo métrico



Collet à souder tube métrique  
Welding adaptor for metric tube  
Adattatore a saldare per tubo Metrico

SERIE	Ø ext Ø outer	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	16	1/2"	<b>BSM310816</b>	
3000 PSI	25	3/4"	<b>BSM311225</b>	
3000 PSI	30	1"	<b>BSM311630</b>	
3000 PSI	38	1"1/4	<b>BSM3132038</b>	
3000 PSI	45	1"1/2	<b>BSM312445</b>	
3000 PSI	60	2"	<b>BSM313260</b>	
3000 PSI	70	2"1/2	<b>BSM314070</b>	
3000 PSI	80	3"	<b>BSM314880</b>	
3000 PSI	100	3"1/2	<b>BSM3156100</b>	
3000 PSI	114.3	4"	<b>BSM31641143</b>	
3000 PSI	139.7	5"	<b>BSM31801397</b>	
6000 PSI	16	1/2"	<b>BSM610816</b>	
6000 PSI	25	3/4"	<b>BSM611225</b>	
6000 PSI	30	1"	<b>BSM611630</b>	
6000 PSI	38	1"1/4	<b>BSM612038</b>	
6000 PSI	45	1"1/2	<b>BSM612445</b>	
6000 PSI	60	2"	<b>BSM613260</b>	

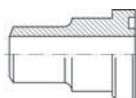
## Cono soldable tubo métrico sin junta



Collet à souder tube métrique sans o'ring  
Welding adaptor for metric tube without o'ring  
Adattatore a saldare per tubo Metrico sin o'ring

SERIE	Ø ext Ø outer	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	16	1/2"	<b>BSM300816</b>	
3000 PSI	25	3/4"	<b>BSM301225</b>	
3000 PSI	30	1"	<b>BSM301630</b>	
3000 PSI	38	1"1/4	<b>BSM302038</b>	
3000 PSI	45	1"1/2	<b>BSM302445</b>	
3000 PSI	60	2"	<b>BSM303260</b>	
3000 PSI	70	2"1/2	<b>BSM304070</b>	
3000 PSI	80	3"	<b>BSM304880</b>	
3000 PSI	100	3"1/2	<b>BSM3056100</b>	
3000 PSI	114.3	4"	<b>BSM30641143</b>	
3000 PSI	139.7	5"	<b>BSM30801397</b>	
6000 PSI	16	1/2"	<b>BSM600816</b>	
6000 PSI	25	3/4"	<b>BSM601225</b>	
6000 PSI	30	1"	<b>BSM601630</b>	
6000 PSI	38	1"1/4	<b>BSM602038</b>	
6000 PSI	45	1"1/2	<b>BSM602445</b>	
6000 PSI	60	2"	<b>BSM603260</b>	

## Cono Cetop soldable exterior



Collet Cetop à souder  
Cetop welding adaptor  
Adattatore a saldare Cetop

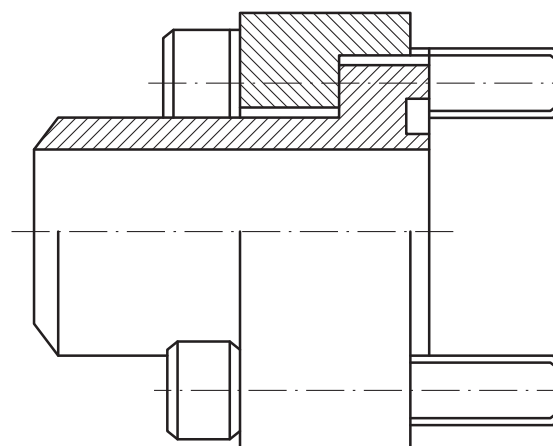
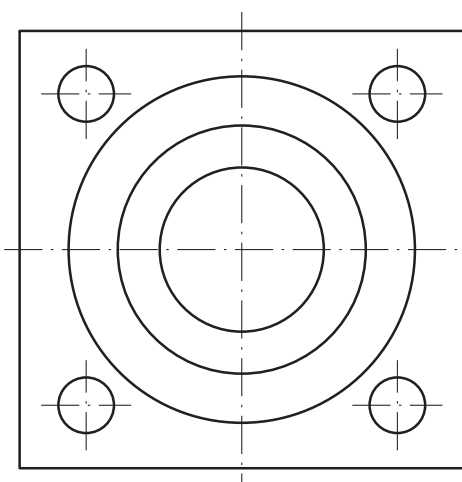
SERIE	Ø ext Ø outer	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	18	3/8"	<b>BCTS30618</b>	
6000 PSI	18	3/8"	<b>BCTS60618</b>	

## Bridas Cetop



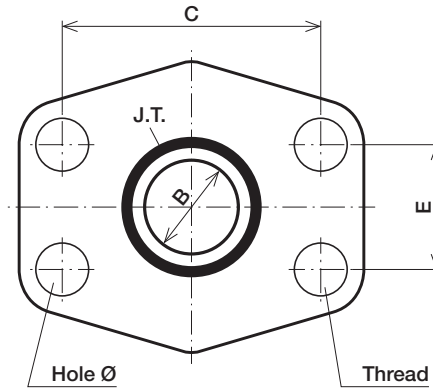
Bridas Cetop  
Cetop flanges  
Flangia Cetop

SERIE	Ø in	TAMAÑO SIZE	REFERENCIA PART N°	€
3000 PSI	31	1/2"	<b>BCT30831</b>	





► **Características comunes** | Données communes | Common characteristics | Caratteristiche comuni



**Bridas 3000 PSI** | Brides 3000 PSI | Flanges 3000 PSI | Flange 3000 PSI

Tamaño   Taille   Size   Misura	Max. pre.   Max. pre.   Max. pre.   Max. pre.	B	C	E	O'ring   O'ring   O'ring   O'ring	Ø	Rosca   Filetage   Thread   Filetto
1/2"	345 bar	13	38,1	17,48	18,64x3,53	9	M8
3/4"	345 bar	19	47,63	22,23	24,99x3,53	11	M10
1	345 bar	25	52,37	26,19	32,92x3,53	11	M10
1" 1/4	276 bar	32	58,72	30,18	37,70x3,53	11,5	M10
1" 1/2	207 bar	38	69,85	35,71	47,22x3,53	13,5	M12
2	207 bar	51	77,77	42,88	56,74x3,53	13,5	M12
2 1/2"	172 bar	63	88,9	50,8	66,27x3,53	13,5	M12
3	138 bar	73	106,38	61,93	85,32x3,53	17,5	M16
3" 1/2	34 bar	89	120,65	69,85	98,02x3,53	17,5	M16
4	34 bar	99	130,18	77,77	110,72x3,53	17,5	M16

**Bridas 6000 PSI** | Brides 6000 PSI | Flanges 6000 PSI | Flange 6000 PSI

Tamaño   Taille   Size   Misura	Max. pre.   Max. pre.   Max. pre.   Max. pre.	B	C	E	O'ring   O'ring   O'ring   O'ring	Ø	Rosca   Filetage   Thread   Filetto
1/2"	414 bar	13	40,49	18,24	18,64x3,53	9	M8
3/4"	414 bar	19	50,8	23,8	24,99x3,53	11	M10
1	414 bar	25	57,15	27,76	32,92x3,53	13	M12
1" 1/4	414 bar	32	66,68	31,75	37,70x3,53	15	M14
1" 1/2	414 bar	38	79,38	36,5	47,22x3,53	17	M16
2	414 bar	51	96,82	44,45	56,74x3,53	21	M20
2 1/2"	414 bar	63	123,8	58,7	66,27x3,53	-	-





Abrazaderas para tubo **TrΔle®**

Colliers de fixation **TrΔle®** | Clamps for pipe **TrΔle®** | Collari fissatubo **TrΔle®**

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## Abrazaderas para tubo TrΔle®

Colliers de fixation TrΔle® | Clamps for pipe TrΔle® | Collari fissatubo TrΔle®

Pipe

### ▶ Abrazaderas serie ligera | Colliers de fixation série légère | Light serie clamp | Collari fissatubo serie leggera

225



A40AZ



AML



A41AZ

DIN 2353 Pipe Fittings

### ▶ Plásticos serie ligera | Plastiques série légère | Plastics light series | Plastica profil serie leggera

226



A C



AL C

Gas tube fittings

### ▶ Serie ligera simple y reforzada | Colliers de fixation simple série légère | Light serie simple clamp | Collari fissatubo serie leggera singoli

227



APIN



AVTC



APS



AVTE

JIC 37° fittings

### ▶ Dobles / paralelas | Colliers de fixation doubles | Double clamp - parallel | Collari fissatubo doppi

228



AZCFS



ADPIN



AD C



ADPS



ADVTE

SAE Flanges

### ▶ Serie pesada | Colliers de fixation simple série lourde | Heavy serie clamp | Collari fissatubo serie pesante

229



AMPP C



AVTEP



APVTA



APINP



APSP



AZCPS

Clamps

### ▶ Accesorios abrazaderas | Accessoires pour colliers | Accessories for clamps | Accessori per collari fissatubo

231



APAG



TC/TS



ADPAG



APT

Machines for processing rigid pipes

### ▶ Accesorios para apilar | Accessoires empiler | Accessories for pile up | Accessori per componibili

231



AVTA



ADPA



ADVTA



APA

## Abrazaderas para tubo TrΔle®

Colliers de fixation TrΔle®

Clamps for pipe TrΔle®

Collari fissatubo TrΔle®

### Abrazadera simple completa, serie ligera



Collier de fixation complet simple, série légère

Light serie simple clamp

Collari fissatubo serie leggera singoli

DN	GRUPO GROUP	PACK MIN	REFERENCIA PART N°	€
6	1	10	A40AZ06	
8	1	10	A40AZ08	
10	1	10	A40AZ10	
12	1	10	A40AZ12	
1/4"	2	10	A40AZ13.2	
14	2	10	A40AZ14	
15	2	10	A40AZ15	
16	2	10	A40AZ16	
3/8"	2	10	A40AZ16.7	
18	2	10	A40AZ18	
19	3	10	A40AZ19	
20	3	10	A40AZ20	
1/2"	3	10	A40AZ21.3	
22	3	10	A40AZ22	
25	3	10	A40AZ25	
3/4"	4	10	A40AZ26.7	
28	4	10	A40AZ28	
30	4	10	A40AZ30	
32	5	10	A40AZ32	
1"	5	10	A40AZ33.3	
35	5	10	A40AZ35	
38	5	10	A40AZ38	
40	5	10	A40AZ40	
42	5	10	A40AZ42	
1"1/2	6	10	A40AZ48.3	
50.8	6	10	A40AZ50.8	

Consultar plásticos en poliamida y aluminio//Plastique polyamide et aluminium, sur demande// Polyamide and aluminium plastics, on request//Plastica polyamide e alluminio, su richiesta

### Abrazadera completa, serie ligera reforzada



Colliers de fixation simple série légère renforcés

Light serie reinforced clamp

Collare fissatubo rin forzato completo

DN	GRUPO GROUP	PACK MIN	REFERENCIA PART N°	€
6	1	10	A41AZ06	
8	1	10	A41AZ08	
10	1	10	A41AZ10	
12	1	10	A41AZ12	
1/4"	2	10	A41AZ13.2	
14	2	10	A41AZ14	
15	2	10	A41AZ15	
16	2	10	A41AZ16	
3/8"	2	10	A41AZ16.7	
18	2	10	A41AZ18	
20	3	10	A41AZ20	
1/2"	3	10	A41AZ21.3	
22	3	10	A41AZ22	
25	3	10	A41AZ25	
3/4"	4	10	A41AZ26.7	
28	4	10	A41AZ28	
30	4	10	A41AZ30	
1"	5	10	A41AZ33.3	
35	5	10	A41AZ35	
38	5	10	A41AZ38	
40	5	10	A41AZ40	
42	5	10	A41AZ42	
44.5	6	10	A41AZ44.5	
1"1/2	6	10	A41AZ48.3	
50.8	6	10	A41AZ50.8	

Consultar plásticos en poliamida y aluminio//Plastique polyamide et aluminium, sur demande// Polyamide and aluminium plastics, on request//Plastica polyamide e alluminio, su richiesta

### Abrazaderas para manguera



Colliers de fixation pour tuyaux

Clamps for hoses

Collari fissatubo per tubi

DN	SERIE	REFERENCIA PART N°	€
12.7	L	AML401270	
14	L	AML401400	
19	L	AML401900	
22	L	AML602200	
28	L	AML602800	
30	L	AML603000	
35	S	AMS403500	
38	S	AMS403800	



### Abrazaderas para manguera

Colliers de fixation pour tuyaux

Clamps for hoses

Collari fissatubo per tubi

## Abrazaderas para tubo TrΔle®

Colliers de fixation TrΔle®

Clamps for pipe TrΔle®

Collari fissatubo TrΔle®

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

JIC 37° fittings

SAE Flanges

Clamps

Machines for processing rigid pipes

### Plásticos polipropileno, serie ligera



Plastique polypropylène, série légère  
Plastics polypropylene simple, light series  
Plastica polipropilene

DN	GRUPO GROUP	REFERENCIA PART N°	€
6	1	A106C	
8	1	A108C	
10	1	A110C	
12	1	A112C	
1/4"	2	A213.2C	
14	2	A214C	
15	2	A215C	
3/8"	2	A216.7C	
16	2	A216C	
18	2	A218C	
19	3	A319C	
20	3	A320C	
1/2"	3	A321.3C	
22	3	A322C	
23	3	A323C	
25	3	A325C	
3/4"	4	A426.7C	
28	4	A428C	
30	4	A430C	
32	5	A532C	
1"	5	A533.3C	
35	5	A535C	
38	5	A538C	
40	5	A540C	
42	5	A542C	
44.5	6	A644.5C	
1"1/2	6	A648.3C	
50.8	6	A650.8C	

Precio por pareja//Prix par paire//Price per couple//Prezzo per coppia

### Plásticos perfil liso, serie ligera



Plastique profil lisse, série légère  
Plastics smooth profile, light series  
Plastica profil liscio

DN	GRUPO GROUP	REFERENCIA PART N°	€
8	1	AL108C	
10	1	AL110C	
12	1	AL112C	
1/4"	2	AL213.2C	
15	2	AL215C	
3/8"	2	AL216.7C	
18	2	AL218C	
20	3	AL320C	
1/2"	3	AL321.3C	
22	3	AL322C	
25	3	AL325C	
3/4"	4	AL426.7C	
28	4	AL428C	
30	4	AL430C	
1"	5	AL533.3C	
35	5	AL535C	
38	5	AL538C	
42	5	AL542C	

Precio por pareja//Prix par paire//Price per couple//Prezzo per coppia



### Plásticos polipropileno, serie ligera

Plastique polypropylène, série légère  
Plastics polypropylene simple, light  
Plastica polipropilene



### Plásticos perfil liso, serie ligera

Plastique profil lisse, série légère  
Plastics smooth profile simple, light  
Plastica profil liscio

## Abrazaderas para tubo TrΔle®

Colliers de fixation TrΔle®

Clamps for pipe TrΔle®

Collari fissatubo TrΔle®

### Chapas inferiores, serie ligera



Plaques inférieures à souder série légère

Lower plate simple, light series

Piastre inferiori

GRUPO GROUP	REFERENCIA PART N°	€
1	APIN1	
2	APIN2	
3	APIN3	
4	APIN4	
5	APIN5	
6	APIN6	

### Chapas superiores, serie ligera reforzada



Plaques supérieures de protection, série légère renforcée

Upper plate, light serie reinforced

Piastre superiori

GRUPO GROUP	REFERENCIA PART N°	€
1	APS1	
2	APS2	
3	APS3	
4	APS4	
5	APS5	
6	APS6	

### Tornillos cabeza Allen, serie ligera



Vis tête six pans creux Allen série légère

Simple Allen bolt, light series

Vite Allen

ROSCA THREAD	GRUPO GROUP	REFERENCIA PART N°	€
M6	1	AVTC1	
M6	2	AVTC2	
M6	3	AVTC3	
M6	4	AVTC4	
M6	5	AVTC5	
M6	6	AVTC6	

### Tornillos cabeza hexagonal, serie ligera reforzada



Vis hexagonale, série légère renforcée

Hexagonal bolt, light serie reinforced

Vite esagonale

ROSCA THREAD	GRUPO GROUP	REFERENCIA PART N°	€
M6	1	AVTE1	
M6	2	AVTE2	
M6	3	AVTE3	
M6	4	AVTE4	
M6	5	AVTE5	
M6	6	AVTE6	

# Abrazaderas para tubo TrΔle®

Colliers de fixation TrΔle®

Clamps for pipe TrΔle®

Collari fissatubo TrΔle®

## Abrazaderas dobles completas



Colliers de fixation doubles complets

Double clamp - parallel

Collare fissatubo doppio completo

DN	GRUPO GROUP	PACK MIN	REFERENCIA PART N°	€
6	1	10	AZCFS06	
8	1	10	AZCFS08	
10	1	10	AZCFS10	
12	1	10	AZCFS12	
1/4"	2	10	AZCFS13.2	
14	2	10	AZCFS14	
15	2	10	AZCFS15	
16	2	10	AZCFS16	
3/8"	2	10	AZCFS16.7	
18	2	10	AZCFS18	
19	3	10	AZCFS19	
20	3	10	AZCFS20	
1/2"	3	10	AZCFS21.3	
22	3	10	AZCFS22	
25	3	10	AZCFS25	
26	4	10	AZCFS26	
3/4"	4	10	AZCFS26.7	
28	4	10	AZCFS28	
30	4	10	AZCFS30	
33	5	10	AZCFS33	
1"	5	10	AZCFS33.3	
35	5	10	AZCFS35	
38	5	10	AZCFS38	
40	5	10	AZCFS40	
42	5	10	AZCFS42	

Consultar plásticos en poliamida//Plastique polyamide, sur demande//  
Polyamide plastics, on request //Plastica poliamide, su richiesta

## Chapas inferiores



Plaques inférieures à souder doubles

Lower plate double

Piastre inferiori

ROSCA THREAD	GRUPO GROUP	REFERENCIA PART N°	€
M6	1	ADPIN1	
M8	2	ADPIN2	
M8	3	ADPIN3	
M8	4	ADPIN4	
M8	5	ADPIN5	

## Plásticos polipropileno



Plastiques polypropylene doubles

Plastics polypropylene double

Plastica polipropilene

DN	GRUPO GROUP	REFERENCIA PART N°	€
6	1	AD106C	
8	1	AD108C	
10	1	AD110C	
12	1	AD112C	
1/4"	2	AD213.2C	
14	2	AD214C	
15	2	AD215C	
3/8"	2	AD216.7C	
16	2	AD216C	
18	2	AD218C	
19	3	AD319C	
20	3	AD320C	
1/2"	3	AD321.3C	
22	3	AD322C	
25	3	AD325C	
3/4"	4	AD426.7C	
26	4	AD426C	
28	4	AD428C	
30	4	AD430C	
1"	5	AD533.3C	
33	5	AD533C	
35	5	AD535C	
38	5	AD538C	
40	5	AD540C	
42	5	AD542C	

Precio por pareja//Prix par paire//Price per couple//Prezzo per coppia

## Chapas superiores



Plaques supérieures de protection doubles

Upper plate double

Piastre superiori

GRUPO GROUP	REFERENCIA PART N°	€
1	ADPS1	
2	ADPS2	
3	ADPS3	
4	ADPS4	
5	ADPS5	

## Tornillos cabeza hexagonal



Vis hexagonale

Hexagonal bolt double

Vite esagonale

ROSCA THREAD	GRUPO GROUP	REFERENCIA PART N°	€
M6	1	ADVTE1	
M8	2	ADVTE2	
M8	3	ADVTE3	
M8	4	ADVTE4	
M8	5	ADVTE5	



# Abrazaderas para tubo TrΔle®

Colliers de fixation TrΔle®

Clamps for pipe TrΔle®

Collari fissatubo TrΔle®

## Plásticos polipropileno, serie pesada



Plastique polypropylène, série lourde

Plastics polypropylene, heavy serie

Plastica polipropilene

DN	GRUPO GROUP	REFERENCIA PART N°	€
6	1	AMPP106C	
8	1	AMPP108C	
10	1	AMPP110C	
12	1	AMPP112C	
1/4"	1	AMPP113.2C	
14	1	AMPP114C	
15	1	AMPP115C	
16	1	AMPP116C	
18	1	AMPP118C	
20	2	AMPP220C	
1/2"	2	AMPP221.3C	
22	2	AMPP222C	
25	2	AMPP225C	
3/4"	2	AMPP226.7C	
28	2	AMPP228C	
30	2	AMPP230C	
30	3	AMPP330C	
32	3	AMPP332C	
1"	3	AMPP333.3C	
35	3	AMPP335C	
38	3	AMPP338C	
40	3	AMPP340C	
1"1/4	3	AMPP342.4C	
42	3	AMPP342C	
38	4	AMPP438C	
40	4	AMPP440C	
1"1/4	4	AMPP442.4C	
42	4	AMPP442C	
45	4	AMPP444.5C	
45	4	AMPP445C	
1"1/4	4	AMPP448.4C	
48	4	AMPP448C	
50	4	AMPP450C	
55	4	AMPP455C	
2"	4	AMPP460.3C	
60	4	AMPP460C	
65	4	AMPP465C	
70	4	AMPP470C	

Precio por pareja//Prix par paire//Price per couple//Prezzo per coppia

## Tornillos cabeza hexagonal, serie pesada



Vis hexagonale, série lourde

Hexagonal bolt, heavy serie

Vite esagonale

ROSCA THREAD	GRUPO GROUP	REFERENCIA PART N°	€
M10	1	AVTEP1	
M10	2	AVTEP2	
M10	3	AVTEP3	
M12	4	AVTEP4	

## Tornillo para serie pesada apilable



Vis à empiler série lourde

Screw to pile up heavy serie

Vite per serie pesante impilabile

ROSCA THREAD	GRUPO GROUP	REFERENCIA PART N°	€
M10	1	APVTA1	
M10	2	APVTA2	
M10	3	APVTA3	
M12	4	APVTA4	

## Chapas inferiores, serie pesada



Plaques inférieures à souder, série lourde

Lower plate, heavy serie

Piastre inferiori

ROSCA THREAD	GRUPO GROUP	REFERENCIA PART N°	€
M10	1	APINP1	
M10	2	APINP2	
M10	3	APINP3	
M12	4	APINP4	

## Chapas superiores, serie pesada



Plaques supérieures de protection, série lourde

Upper plate, heavy serie

Piastre superiori

GRUPO GROUP	REFERENCIA PART N°	€
1	APSP1	
2	APSP2	
3	APSP3	
4	APSP4	

# Abrazaderas para tubo TrΔle®

Colliers de fixation TrΔle®

Clamps for pipe TrΔle®

Collari fissatubo TrΔle®

Pipe

DIN 2353 Pipe Fittings

Gas tube fittings

JIC 37° fittings

SAE Flanges

Clamps

Machines for processing rigid pipes

## Abrazadera completa, serie pesada



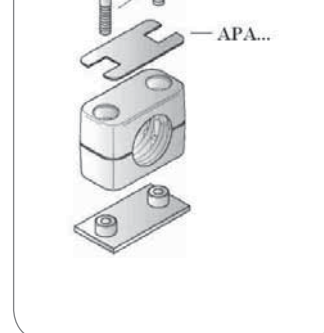
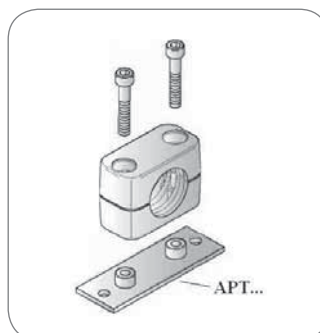
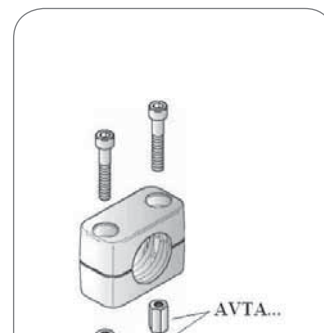
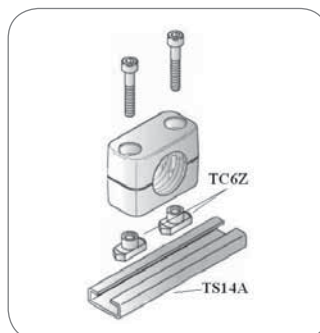
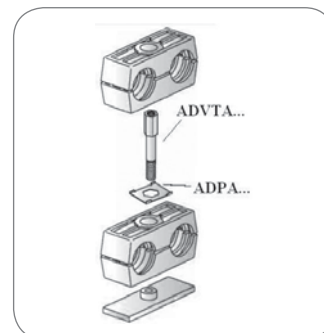
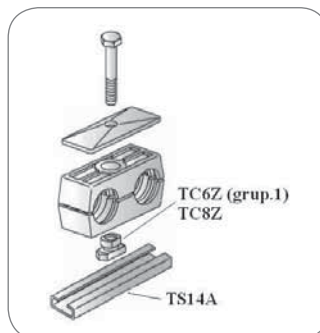
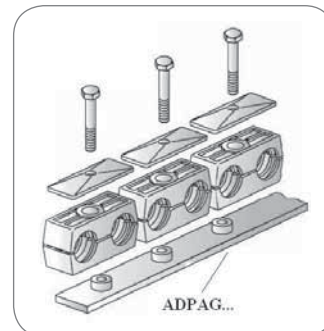
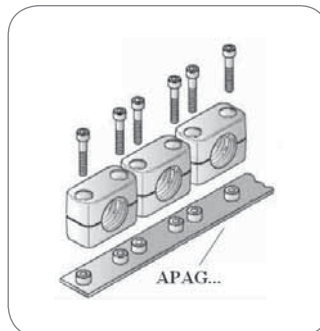
Collier de fixation simple complet, série lourde

Heavy clamp, heavy serie

Collare fissatubo serie pesante completo

DN	GRUPO GROUP	REFERENCIA PART N°	€
6	1	AZCPS06	
8	1	AZCPS08	
10	1	AZCPS10	
12	1	AZCPS12	
1/4"	1	AZCPS13.2	
14	1	AZCPS14	
15	1	AZCPS15	
16	1	AZCPS16	
3/8"	1	AZCPS16.7	
18	1	AZCPS18	
20	2	AZCPS20	
1/2"	2	AZCPS21.3	
22	2	AZCPS22	
25	2	AZCPS25	
3/4"	2	AZCPS26.7	
28	2	AZCPS28	
30	2	AZCPS30	
32	3	AZCPS32	
1"	3	AZCPS33.3	
35	3	AZCPS35	
38	3	AZCPS38	
40	3	AZCPS40	
42	3	AZCPS42	
1 1/4"	4	AZCPS42.4	
45	4	AZCPS45	
48	4	AZCPS48	
1 1/2"	4	AZCPS48.4	
50	4	AZCPS50	
55	4	AZCPS55	
60	4	AZCPS60	
2"	4	AZCPS60.3	
65	4	AZCPS65	
70	4	AZCPS70	

Consultar plásticos en poliamida y aluminio//Plastique polyamide et aluminium, sur demande// Polyamide and aluminium plastics, on request//Plastica poliamide e alluminio, su richiesta



## Abrazaderas para tubo TrΔle®

Colliers de fixation TrΔle®

Clamps for pipe TrΔle®

Collari fissatubo TrΔle®

### Chapa agrupar abrazaderas simples



Plaque à joindre pour collier simple

Jointed plate for simple clamp

Piastra gruppo per collare fissatubo singolo

GRUPO GROUP	Nº Abrazaderas Clamp qty.	REFERENCIA PART N°	€
1	10	APAG1	
2	10	APAG2	
3	10	APAG3	

### Accesorios carril



Accessories pour lane

Accessories for lane

Accessori per lane

ROSCA THREAD	TAMAÑO SIZE	Descripción Description	REFERENCIA PART N°	€
M6	--	Rail nut	TC6A	
M8	--	Rail nut	TC8A	
M8	--	Rail nut	TC8Z	
M10	--	Rail nut	TC10A	
M12	--	Rail nut	TC12A	
--	11x28	Mounting rail	TS11A	
--	14x28	Mounting rail	TS14A	
--	22x40	Mounting rail	TSP22	

PVP: €/m//Prix: €/m//Price: €/m//Prezzi: €/m

### Chapa agrupar abrazaderas dobles



Plaque à joindre pour collier double

Jointed plate for double clamp

Piastra gruppo per collare fissatubo doppio

ROSCA THREAD	GRUPO GROUP	N. C.	REFERENCIA PART N°	€
M6	1	5	ADPAG1	
M8	2	2	A2DPIN2	
M8	2	3	A3DPIN2	
M8	2	5	ADPAG2	
M8	3	3	A3DPIN3	
M8	3	5	ADPAG3	

### Chapa atornillar Abr. Simples



Plaque à visser

Elongated weld plate

Piastra per fissaggio

GRUPO GROUP	REFERENCIA PART N°	€
1	APT1	
2	APT2	
3	APT3	
4	APT4	
5	APT5	

### Tornillo apilar ligera



Vis pour empiler série légère

Light serie screw to pile up

Vite per piastra componibili. Serie leggera

ROSCA THREAD	GRUPO GROUP	REFERENCIA PART N°	€
M6	1	AVTA1	
M6	2	AVTA2	
M6	3	AVTA3	
M6	4	AVTA4	
M6	5	AVTA5	

### Tornillo apilar doble



Vis pour empiler série double

Double serie screw to pile up

Vite per piastra componibili. Serie doppia

ROSCA THREAD	GRUPO GROUP	REFERENCIA PART N°	€
M8	2	ADVTA2	
M8	3	ADVTA3	
M8	4	ADVTA4	

Para Grupo 1: AVTA1 (ligera)//Pour le Groupe 1: AVTA1 (légère)//For Group 1: AVTA1 (Light)//Per il Gruppo 1: AVTA1 (leggera)

### Chapa apilar doble



Plaque pour empiler série double

Double serie plate to pile up

Piastra componibili. Serie doppia

GRUPO GROUP	REFERENCIA PART N°	€
1	ADPA1	
2/3/4/5	ADPA2	

### Chapa apilar ligera



Plaque pour empiler série légère

Light serie plate to pile up

Piastra componibili. Serie leggera

GRUPO GROUP	REFERENCIA PART N°	€
1	APA1	
2	APA2	
3	APA3	
4	APA4	
5	APA5	

## Abrazaderas para tubo **TrΔle®**

Colliers de fixation TrΔle® | Clamps for pipe TrΔle® | Collari fissatubo TrΔle®

Pipe

**Bolsa de 10 unidades completas sin montar** | Sacs de 10 unités complètes non montés  
Bags of 10 complete units unassembled | Borse di 10 unità complete non montati

DIN 2353 Pipe Fittings

Gas tube fittings

JIC 37° fittings

SAE Flanges

Clamps

Machines for  
processing rigid pipes







7

# Maquinaria para tubo rígido

Machines pour tube rigide | Machines for rigid tube | Macchine per il tubo rigido

Pipe

## Dobladoras | Cintreuse | Bending machine | Curvatubi

**C-42**  
Dobladora accionamiento hidráulico | Hydraulic bending machine



Tubo   Pipe	6 → 42 x 4 mm
Potencia   Power	2"

**CMS-42**  
Dobladora accionamiento manual hidráulico | Manual bending machine with hydraulic operation



Tubo   Pipe	6 → 42 x 4 mm
-------------	---------------

**M18 6-18**  
Dobladora manual | Manual bending machine

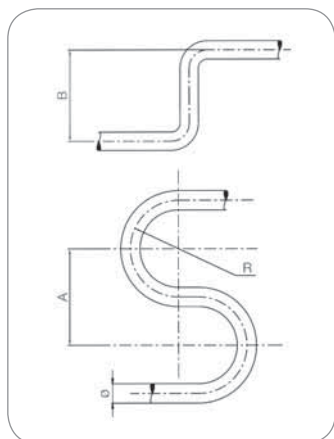


Tubo   Pipe	6 → 18 mm
-------------	-----------

DIN 2353 Pipe Fittings

Gas tube fittings

## Radios de curvatura | Rayon de courbure | Bending radius | Raggio di curvatura



Tubo Ø Tube Ø	Radio de curvatura Bending radius (mm)	Máx. ángulo de curvatura Max. bending angle	A (mm)	B (mm)
6	15	170°	60	70
8	16.5	170°	60	70
10	27.5	170°	70	115
12	32.7	170°	80	120
14	46	170°	110	180
15	46	170°	110	180
16	48	170°	110	180
18	48	170°	110	190
20	66	160°	140	230
22	66	160°	140	240
25	81.5	160°	170	270
28	81	160°	180	300
30	98.5	150°	220	300
32	101	150°	220	300
35	125.5	120°	250	440
38	116	120°	250	440
42	126	120°	250	440
1/8"	27.5	170°	70	115
1/4"	46	170°	110	180
3/8"	48	170°	110	180
1/2"	66	160°	140	240
3/4"	81	160°	180	300
1"	125.5	120°	250	440
1 1/4"	126	120°	250	440

Matrices de doblado | Bending tools



JIC 37° fittings

SAE Flanges

Clamps

## Desbarbadora | Machine à ébavurer | Deburring machine | Sbavatore

S01



Desbarbado exterior External deburring	6 → 42 mm
Desbarbado interior Inner deburring	6 → 42 mm
Potencia motor Engine power	0,18 KW
R.P.M.   R.P.M.	75

Útiles de desbarbado incluidos | Deburring tools included



**Otras máquinas: consultar** | Autres machines, sur demande | Other machines, on request | Altre macchine, sur richiesta



Machines for processing rigid pipes



## Maquinaria para tubo rígido

Machines pour tube rigide | Machines for rigid tube | Macchine per il tubo rigido

### Montaje racores DIN 2353 y JIC 37° | Montage du raccord DIN 2353 et JIC 37° | DIN 2353 and JIC 37° pipe fittings assembly | Assemblaggio del raccordo ad anello DIN 2353 e JIC 37°

**USFL/01 MAN**  
Accionamiento manual  
hidráulico | Manual  
device with hydraulic  
operation



	US-FL/01	US-FL/01 MAN	
Premontaje DIN 2353 24°   Preassembling DIN 2353 24°	6 → 42 x 4 mm	6 → 42 x 4 mm	
Abocardado JIC 37°   37° JIC Flaring	6 → 42 x 4 mm	6 → 42 x 4 mm	Con BL

**USFL/01**  
Accionamiento  
hidráulico | Hydraulic  
device



Matrices JIC 37° | Tools JIC 37°



Bloque BL JIC 37° | BL Block JIC 37°



Machos y matrices DIN 2353 24° |  
Males DIN 2353 24°



Portaherramientas opcional  
Tool handler optional

### Centro de trabajo | Unité multifonctionnelle | Multi-functional unit | Unità multifunzione

	Mini   Mini	Completo   Complete
Premontaje DIN 2353 24° Pre-assembling	6 → 42 x 4 mm	6 → 42 x 4 mm
Abocardado JIC 27° 37° Flaring	6 → 42 x 4 mm	6 → 42 x 4 mm
Curvatura Bending	6 → 42 x 4 mm	6 → 42 x 4 mm
Desbarbado Deburring	Máx. ø 42 x 4 mm	Máx. ø 42 x 4 mm

Machos y matrices DIN 2353 24° |  
Males DIN 2353 24°



Matrices JIC 37° | Tools JIC 37°



Completo | Complete



Mini | Mini



**Otras máquinas:**  
consultar | Autres  
machines, sur demande  
| Other machines, on  
request | Altre macchine,  
sur richiesta



Tubo 6 → 15 mm  
Tube 6 → 15 mm





## Adaptadores

Adapteurs  
Adaptors  
Adattatori

1

## Accesorios ORFS

Accessoires ORFS  
ORFS Accessories  
Accessori ORFS

2

## Enchufes rápidos

Coupleurs rapides  
Quick-release couplings  
Innesti rapidi

3

## Llaves paso, desviadores y racores giratorios

Robinets, diviseurs et raccords tournants  
Ball valves, diverters and swivel fittings  
Rubinetti, deviatori, raccordi girevoli

4

## Protecciones

Protections/ressorts  
Protections  
Protezioni

5

# Adaptadores

Adapteurs

Adaptors

Adattatori

# 1

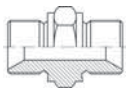
Adaptadores BSP	244
Adaptateurs BSP   BSP Adaptors   Adattatori BSP	
Adaptadores NPT	246
Adaptateurs NPT   Adaptors NPT   Adattatori NPT	

## Adaptadores BSP

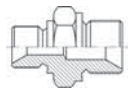
Adapteurs BSP | BSP Adaptors | Adattatori BSP

### ► Uniones rectas macho | Adapteur droit mâle-mâle | Straight adaptors male | Adattatori diritti maschio

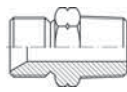
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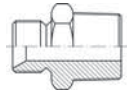
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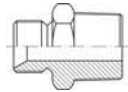
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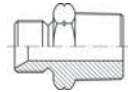
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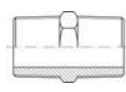
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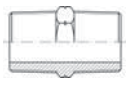
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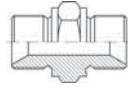
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A1015



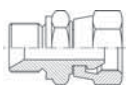
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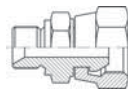
S1016

### ► Uniones rectas macho-hembra | Adapteur mâle-femelle | Adaptors male-female | Adattatori diritti maschio-femmina

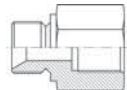
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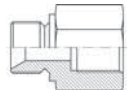
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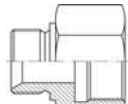
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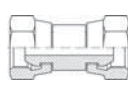
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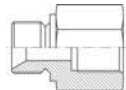
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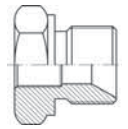
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A1172



A1060



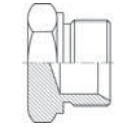
A1150

### ► Tapones | Bouchons adapteur | Plugs | Tappi

250



A1072



A1070



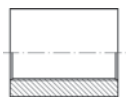
A1075



A1073

### ► Uniones hembra y pasatabiques | Unions femelle et passe cloison | Adaptors female and bulkheads | Adattatori femmina e passaparete

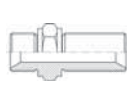
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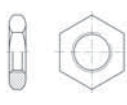
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S103110



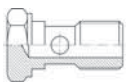
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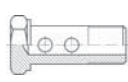
A1272

### ► Orientables | Adapteurs banjo | Banjos | Adattatori a occhio

251



A1090



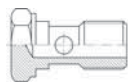
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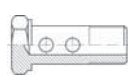
A1092



A1093



S1092



A1096



A1140



A1112



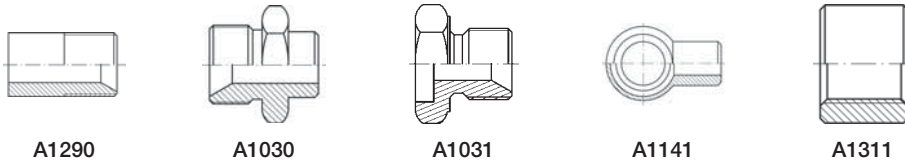
A1111



A1113

► **Soldables** | Adapteurs à souder | Weldable adaptors | Adattatori a saldare

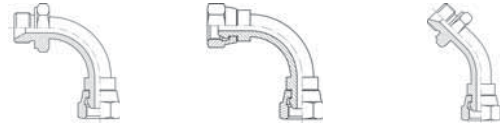
253



A1290      A1030      A1031      A1141      A1311

► **Codos accesoriales (tubo)** | Adapteurs coudes | Accessorial elbows | Adattatori a 90° tubolari

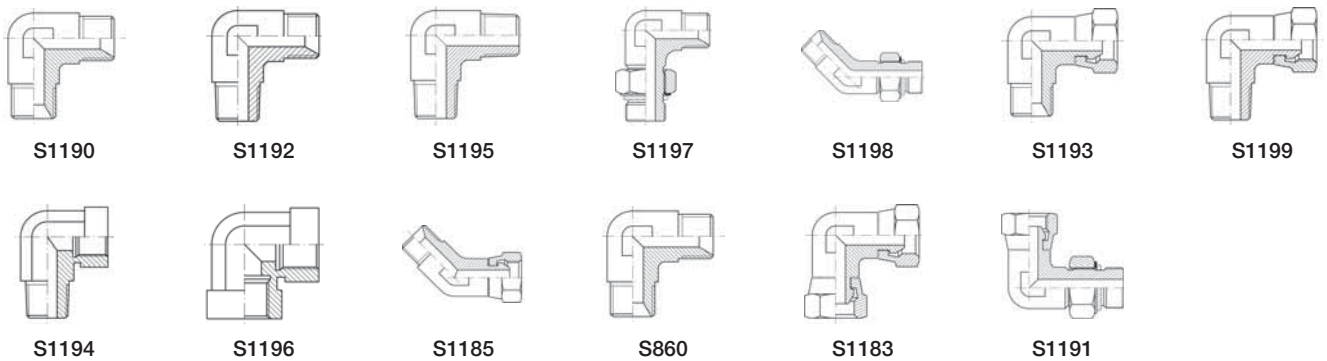
254



A1194      A1196      A1195

► **Codos en forja** | Adapteurs coudes en forge | Forging elbows | Adattatori a 90° forgiati

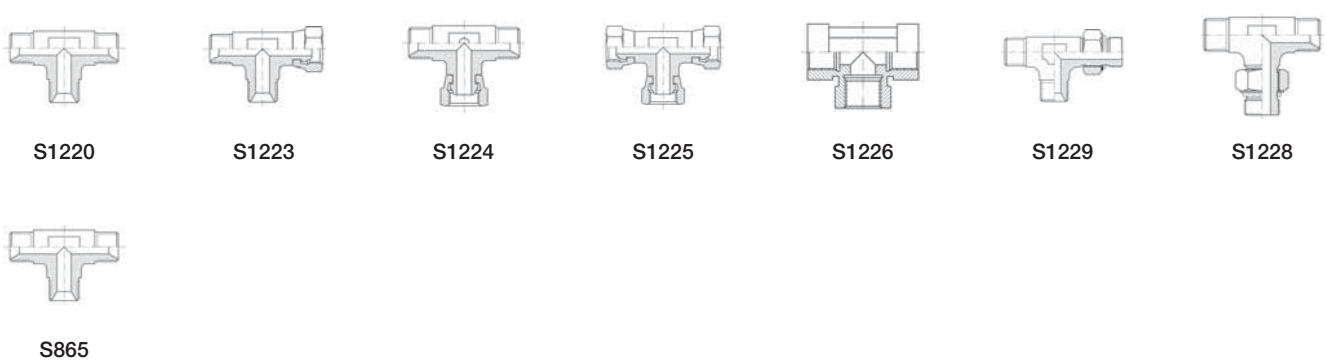
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S1190      S1192      S1195      S1197      S1198      S1193      S1199  
S1194      S1196      S1185      S860      S1183      S1191

► **Te en forja** | Adapteurs Tés en forge | Forging Tees | Adattatori a T forgiati

256



S1220      S1223      S1224      S1225      S1226      S1229      S1228  
S865

► **Codos y Te en bloque (cuadrado)** | Adapteurs coudes et Tés en bloque | Square elbows and Tees | Adattatori a 90° e T da quadro senza saldatura

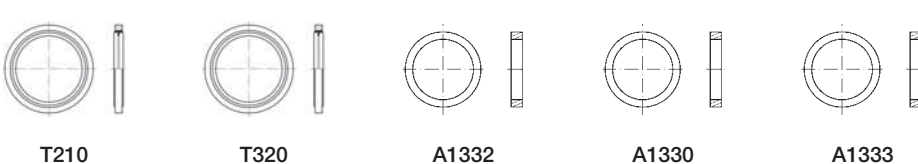
257



A1192      A2190      A2193      A2220      A2224      A2222      A2223

► **Juntas metal Buna y arandelas** | Bague BS | Bonded seals | Rondelle e rondelle Bonded

259



T210      T320      A1332      A1330      A1333

## Adaptadores NPT

Adapteurs NPT | Adaptors NPT | Adattatori NPT

Adaptors

ORFS

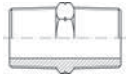
Quick-release couplings

Ball valves, diverters

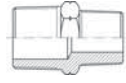
Protections

- **Uniones rectas macho-macho** | Unions mâle | Straight adaptors male | Adattatori diritti maschio - maschio

260



A1015



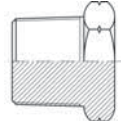
A1015

- **Tapones** | Bouchons | Plugs | Tappi

260



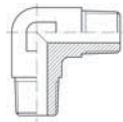
N1072



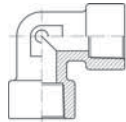
N1070

- **Codos en forja** | Adapteurs coude en forge | Forging elbows | Adattatori a 90° e 45° forgiati

260



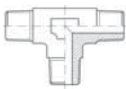
N1190



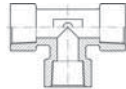
N1196

- **Tes en forja** | Adapteurs Té en forge | Forging tees | Adattatori a T forgiati

261



N1220



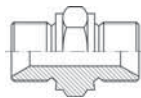
N1226



## Adaptadores BSP

Adaptateurs BSP  
BSP Adaptors  
Adattatori BSP

### Adaptador macho-macho BSP (60°)



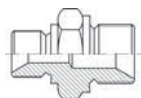
Adaptateur mâle BSP x mâle BSP (60°)

Adaptor BSP male-BSP male (60°)

Niples di giunzione BSP (60°)

ROSCA THREAD		REFERENCIA PART N°	€
1/8" BSP	1/8" BSP	A101002	
1/4" BSP	1/4" BSP	A101004	
1/4" BSP	1/4" BSP	A101004H19	
3/8" BSP	3/8" BSP	A101006	
1/2" BSP	1/2" BSP	A101008	
5/8" BSP	5/8" BSP	A101010	
3/4" BSP	3/4" BSP	A101012	
1" BSP	1" BSP	A101016	
1"1/4 BSP	1"1/4 BSP	A101020	
1"1/2 BSP	1"1/2 BSP	A101024	
2" BSP	2" BSP	A101032	

### Reductor macho-macho BSP (60°)



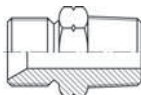
Reducteur mâle BSP x mâle BSP (60°)

Reducer adaptor BSP male-BSP male (60°)

Niples di riduzione BSP (60°)

ROSCA THREAD		REFERENCIA PART N°	€
1/8" BSP	1/4" BSP	A10200204	
1/8" BSP	3/8" BSP	A10200206	
1/4" BSP	3/8" BSP	A10200406	
1/4" BSP	1/2" BSP	A10200408	
3/8" BSP	1/2" BSP	A10200608	
3/8" BSP	3/4" BSP	A10200612	
1/2" BSP	3/4" BSP	A10200812	
1/2" BSP	1" BSP	A10200816	
5/8" BSP	1/2" BSP	A10201008	
5/8" BSP	3/4" BSP	A10201012	
3/4" BSP	1" BSP	A10201216	
3/4" BSP	1"1/4 BSP	A10201220	
1" BSP	1"1/4 BSP	A10201620	
1" BSP	1"1/2 BSP	A10201624	
1"1/4 BSP	1"1/2 BSP	A10202024	
1"1/4 BSP	2" BSP	A10202032	
1"1/2 BSP	2" BSP	A10202432	

### Adaptador macho BSP (60°) - macho NPT



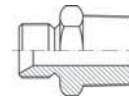
Adaptateur mâle BSP (60°) x mâle briggs (NPT)

Adaptor BSP male (60°)-NPT male

Niples di congiunzione BSP (60°) - NPT

ROSCA THREAD		REFERENCIA PART N°	€
1/8" BSP	1/8" NPT	S101402	
1/4" BSP	1/4" NPT	S101404	
3/8" BSP	3/8" NPT	S101406	
1/2" BSP	1/2" NPT	S101408	
3/4" BSP	3/4" NPT	S101412	
1" BSP	1" NPT	S101416	
1"1/4 BSP	1"1/4 NPT	S101420	
1"1/2 BSP	1"1/2 NPT	S101424	
2" BSP	2" NPT	S101432	

### Adaptador macho BSP (60°) - macho BSPT



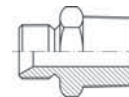
Adaptateur mâle BSP (60°) x mâle gaz conique (BSPT)

Adaptor BSP male- BSPT male (60°)

Niples di congiunzione BSP (60°) - BSPT

ROSCA THREAD		REFERENCIA PART N°	€
1/8" BSP	1/8" BSPT	S101202	
1/4" BSP	1/4" BSPT	S101204	
3/8" BSP	3/8" BSPT	S101206	
1/2" BSP	1/2" BSPT	S101208	
3/4" BSP	3/4" BSPT	S101212	
1" BSP	1" BSPT	S101216	
1"1/4 BSP	1"1/4 BSPT	S101220	
1"1/2 BSP	1"1/2 BSPT	S101224	
2" BSP	2" BSPT	S101232	

### Reductor macho BSP (60°) - macho BSPT



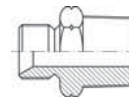
Reducteur mâle BSP (60°) x mâle gaz conique (BSPT)

Reducer adaptor BSP male (60°)-BSPT male

Niples di riduzione BSP (60°) - BSPT

ROSCA THREAD		REFERENCIA PART N°	€
1/4" BSP	3/8" BSPT	A10220406	
3/8" BSP	1/2" BSPT	A10220608	
3/8" BSP	3/4" BSPT	A10220612	
1/2" BSP	1/4" BSPT	A10220804	
1/2" BSP	3/4" BSPT	A10220812	
3/4" BSP	1" BSPT	A10221216	
1"1/4 BSP	1" BSPT	A10222016	
1"1/2 BSP	1"1/4 BSPT	A10222420	
1"1/2 BSP	2" BSPT	A10222432	

### Reductor macho BSP (60°) - macho NPT



Reducteur mâle BSP (60°) x mâle briggs (NPT)

Reducer adaptor BSP male (60°)-NPT male

Niples di riduzione BSP (60°) - NPT

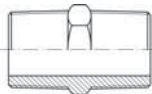
ROSCA THREAD		REFERENCIA PART N°	€
1/4" BSP	1/8" NPT	A10240402	
1/4" BSP	3/8" NPT	A10240406	
1/4" BSP	1/2" NPT	A10240408	
3/8" BSP	1/2" NPT	A10240608	
1/2" BSP	3/8" NPT	A10240806	
1/2" BSP	3/4" NPT	A10240812	
3/4" BSP	1/2" NPT	A10241208	
3/4" BSP	1" NPT	A10241216	

## Adaptadores BSP

Adaptateurs BSP  
BSP Adaptors  
Adattatori BSP

Adaptors

### Adaptador macho-macho NPT



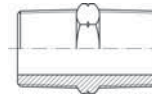
Adaptateur mâle briggs (NPT) x mâle briggs (NPT)

Adaptor NPT male-NPT male

Niples di congiunzione NPT

ROSCA THREAD		REFERENCIA PART N°	€
1/8" NPT	1/8" NPT	A10150202	
1/4" NPT	1/4" NPT	A10150404	
3/8" NPT	3/8" NPT	A10150606	
1/2" NPT	1/2" NPT	A10150808	
3/4" NPT	3/4" NPT	A10151212	
1" NPT	1" NPT	A10151616	
1" 1/4 NPT	1" 1/4 NPT	A10152020	
1 1/2" NPT	1 1/2" NPT	A10152424	
2" NPT	2" NPT	A10153232	

### Adaptador macho-macho BSPT



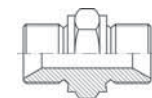
Adaptateur mâle gaz conique (BSPT) x mâle gaz conique (BSPT)

Adaptor BPST male-BSPT male

Niples di congiunzione BSPT

ROSCA THREAD		REFERENCIA PART N°	€
1/4" BSPT	1/4" BSPT	A10160404	
3/8" BSPT	3/8" BSPT	A10160606	
1/2" BSPT	1/2" BSPT	A10160808	
3/4" BSPT	3/4" BSPT	A10161212	
1" BSPT	1" BSPT	A10161616	

### Adaptador macho-macho Métrico (60°)



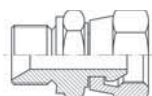
Adaptateur mâle DIN x mâle DIN Métrique (60°)

Adaptor Metric male-male (60°)

Niples di giunzione Metrico (60°)

ROSCA THREAD		REFERENCIA PART N°	€
M12x1.5	M12x1.5	S101612	
M14x1.5	M14x1.5	S101614	
M16x1.5	M16x1.5	S101616	
M18x1.5	M18x1.5	S101618	
M22x1.5	M22x1.5	S101622	
M26x1.5	M26x1.5	S101626	

### Adap. macho - hembra giratoria BSP (60°)



Adaptateur mâle BSP x femelle tournante BSP (60°)

Adaptor BSP male-BSP swivel female (60°)

Niples di riduzione maschio-femmina girevole BSP (60°)

ROSCA THREAD		REFERENCIA PART N°	€
1/4" BSP	1/4" BSP	A117004	
3/8" BSP	3/8" BSP	A117006	
1/2" BSP	1/2" BSP	A117008	
3/4" BSP	3/4" BSP	A117012	
1" BSP	1" BSP	A117016	
1"1/4 BSP	1"1/4 BSP	A117020	
1"1/2 BSP	1"1/2 BSP	A117024	
2" BSP	2" BSP	A117032	

### Reductor macho - hembra giratoria BSP (60°)



Reducteur mâle BSP x femelle tournante BSP (60°)

Reducer BSP male-BSP swivel female (60°)

Niples di riduzione maschio-femmina girevole BSP (60°)

ROSCA THREAD		REFERENCIA PART N°	€
M 1/8" BSP	F 1/4" BSP	A11730204	
M 1/4" BSP	F 3/8" BSP	A11730406	
M 3/8" BSP	F 1/2" BSP	A11730608	
M 1/2" BSP	F 3/4" BSP	A11730812	
M 3/4" BSP	F 1" BSP	A11731216	
M 3/4" BSP	F 1"1/4 BSP	A11731220	
M 1" BSP	F 1"1/4 BSP	A11731620	
M 1"1/4 BSP	F 1"1/2 BSP	A11732024	
M 1" 1/2 BSP	F 2" BSP	A11732432	

ORFS

Quick-release  
couplings

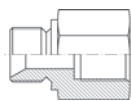
Ball valves, diverters

Protections

## Adaptadores BSP

Adapteurs BSP  
BSP Adaptors  
Adattatori BSP

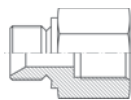
### Prolongador macho - hembra fija BSP (60°)



Prolongateur mâle BSP x femelle gaz fixe (60°)  
Adaptor BSP male-BSP fixed female (60°)  
Prolunga maschio-femmina BSP (60°)

ROSCA THREAD		REFERENCIA PART N°	€
1/8" BSP	1/8" BSP	A105002	
1/4" BSP	1/4" BSP	A105004	
3/8" BSP	3/8" BSP	A105006	
1/2" BSP	1/2" BSP	A105008	
3/4" BSP	3/4" BSP	A105012	
1" BSP	1" BSP	A105016	
1"1/4 BSP	1"1/4 BSP	A105020	
1"1/2 BSP	1"1/2 BSP	A105024	
2" BSP	2" BSP	A105032	

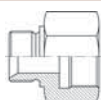
### Reductor macho BSP (60°) - hembra fija Métrica



Reducteur mâle BSP (60°) x femelle fixe Métrique  
Reducer adaptor BSP male (60°) - Metric fixed female  
Niples di riduzione maschio BSP (60°)-femmina fissa Metrica

ROSCA THREAD		REFERENCIA PART N°	€
3/8" BSP	M14x1.5	S10610614	
3/8" BSP	M18x1.5	S10610618	
1/2" BSP	M18x1.5	S10610818	
1/2" BSP	M22x1.5	S10610822	

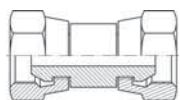
### Reductor macho Métrico (60°) - hembra fija BSP



Reducteur mâle Métrique (60°) x femelle fixe gaz  
Reducer adaptor Metric male (60°) - BSP fixed female  
Niples di riduzione maschio Metrico (60°)-femmina fissa BSP

ROSCA THREAD		REFERENCIA PART N°	€
M18x1.5	1/4" BSP	S10621804	
M18x1.5	3/8" BSP	S10621806	
M18x1.5	1/2" BSP	S10621808	

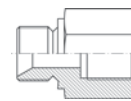
### Adap. hembra giratoria - hembra giratoria BSP (60°)



Adapteur femelle tournante BSP x femelle tournante BSP (60°)  
Adaptor BSP swivel female - BSP swivel female (60°)  
Niples feminas-femmina girevole BSP (60°)

ROSCA THREAD		REFERENCIA PART N°	€
1/4" BSP	1/4" BSP	A117204	
3/8" BSP	3/8" BSP	A117206	
1/2" BSP	1/2" BSP	A117208	
3/4" BSP	3/4" BSP	A117212	
1" BSP	1" BSP	A117216	
1"1/4 BSP	1"1/4 BSP	A117220	
1"1/2 BSP	1"1/2 BSP	A117224	
2" BSP	2" BSP	A117232	

### Reductor macho BSP 60° - hembra fija BSP



Prolongateur reducteur mâle BSP 60° x femelle gaz fixe  
Reducer adaptor BPS male 60° - BSP fixed female  
Prolunga di riduzione maschio-femmina BSP (60°)

ROSCA THREAD		REFERENCIA PART N°	€
M 1/8" BSP	F 1/4" BSP	A10600204	
M 1/8" BSP	F 3/8" BSP	A10600206	
M 1/4" BSP	F 1/8" BSP	A10600402	
M 1/4" BSP	F 3/8" BSP	A10600406	
M 1/4" BSP	F 1/2" BSP	A10600408	
M 3/8" BSP	F 1/8" BSP	A10600602	
M 3/8" BSP	F 1/4" BSP	A10600604	
M 3/8" BSP	F 1/2" BSP	A10600608	
M 3/8" BSP	F 3/4" BSP	A10600612	
M 1/2" BSP	F 1/4" BSP	A10600804	
M 1/2" BSP	F 3/8" BSP	A10600806	
M 1/2" BSP	F 3/4" BSP	A10600812	
M 1/2" BSP	F 1" BSP	A10600816	
M 3/4" BSP	F 3/8" BSP	A10601206	
M 3/4" BSP	F 1/2" BSP	A10601208	
M 3/4" BSP	F 1" BSP	A10601216	
M 3/4" BSP	F 1"1/4 BSP	A10601220	
M 1" BSP	F 1/2" BSP	A10601608	
M 1" BSP	F 3/4" BSP	A10601612	
M 1" BSP	F 1"1/4 BSP	A10601620	
M 1"1/4 BSP	F 1" BSP	A10602016	
M 1"1/4 BSP	F 2" BSP	A10602032	
M 1"1/2 BSP	F 1"1/4 BSP	A10602420	
M 1"1/2 BSP	F 2" BSP	A10602432	

### Tapón reductor macho - hembra fija BSP (60°)



Bouchon reducteur mâle BSP x femelle gaz fixe (60°)  
Reducer plug BSP male-BSP fixed female (60°)  
Tappo di riduzione maschio-femmina BSP (60°)

ROSCA THREAD		REFERENCIA PART N°	€
M 1/4" BSP	F 1/8" BSP	A11500402	
M 3/8" BSP	F 1/8" BSP	A11500602	
M 3/8" BSP	F 1/4" BSP	A11500604	
M 1/2" BSP	F 1/4" BSP	A11500804	
M 1/2" BSP	F 3/8" BSP	A11500806	
M 3/4" BSP	F 3/8" BSP	A11501206	
M 3/4" BSP	F 1/2" BSP	A11501208	
M 1" BSP	F 1/2" BSP	A11501608	
M 1" BSP	F 3/4" BSP	A11501612	
M 1"1/4 BSP	F 3/4" BSP	A11502012	
M 1"1/4 BSP	F 1" BSP	A11502016	
M 1"1/2 BSP	F 1"1/4 BSP	A11502420	
M 2" BSP	F 1" 1/4 BSP	A11503220	
M 2" BSP	H 1"1/2 BSP	A11503224	

## Adaptadores BSP

Adaptateurs BSP  
BSP Adaptors  
Adattatori BSP

Adaptors

### Tapón hembra hexagonal rosca BSP



Bouchon femelle gaz  
BSP fixed female plug  
Tappo femmina fissa BSP

ROSCA THREAD	REFERENCIA PART N°	€
1/8" BSP	A107202	
1/4" BSP	A107204	
3/8" BSP	A107206	
1/2" BSP	A107208	
3/4" BSP	A107212	
1" BSP	A107216	
1"1/4 BSP	A107220	
1"1/2 BSP	A107224	
2" BSP	A107232	

### Tapón hembra giratoria BSP (60°)



Bouchon femelle tournante BSP (60°)  
BSP swivel female plug (60°)  
Tappo femmina girevole BSP (60°)

ROSCA THREAD	REFERENCIA PART N°	€
1/4" BSP	A107504	
3/8" BSP	A107506	
1/2" BSP	A107508	
3/4" BSP	A107512	
1" BSP	A107516	
1"1/4 BSP	A107520	
1"1/2 BSP	A107524	
2" BSP	A107532	

ORFS

Quick-release couplings

### Tapón macho hexagonal rosca BSP (60°)



Bouchon mâle BSP (60°)  
BSP hexagonal male plug (60°)  
Tappo maschio esagonale BSP (60°)

ROSCA THREAD	REFERENCIA PART N°	€
1/8" BSP	A107002	
1/4" BSP	A107004	
3/8" BSP	A107006	
1/2" BSP	A107008	
3/4" BSP	A107012	
1" BSP	A107016	
1"1/4 BSP	A107020	
1"1/2 BSP	A107024	
2" BSP	A107032	

### Tapón macho hexagonal rosca Métrica



Bouchon mâle Métrique  
Metric hexagonal male plug  
Tappo maschio esagonale Metrico

ROSCA THREAD	REFERENCIA PART N°	€
M10x1	A10731001	
M12x1.5	A10731215	
M14x1.5	A10731415	
M16x1.5	A10731615	
M18x1.5	A10731815	
M20x1.5	A10732015	
M22x1.5	A10732215	

Ball valves, diverters

Protections

### Manguito roscado hembra BSP redondo



Manchon femelle gaz x femelle gaz ronde  
Adaptor BSP female fixed-BSP female fixed  
Manicoto femmina - femmina BSP

ROSCA THREAD	REFERENCIA PART N°	€
1/8" BSP	A131002	
1/4" BSP	A131004	
3/8" BSP	A131006	
1/2" BSP	A131008	
3/4" BSP	A131012	
1" BSP	A131016	
1"1/4 BSP	A131020	
1"1/2 BSP	A131024	
2" BSP	A131032	

### Manguito roscado hembra BSP hexagonal



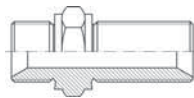
Manchon femelle gaz x femelle gaz hexagonal  
Hexagonal adaptor BSP fixed female-BSP fixed female  
Prolunga esagonale femmina-femmina BSP

ROSCA THREAD	REFERENCIA PART N°	€
1/4" BSP	S1031004	
3/8" BSP	S1031006	
1/2" BSP	S1031008	
3/4" BSP	S1031012	
1" BSP	S1031016	
1"1/4 BSP	S1031020	
1"1/2 BSP	S1031024	

## Adaptadores BSP

Adaptateurs BSP  
BSP Adaptors  
Adattatori BSP

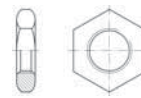
### Pasatabiques sin tuerca BSP cono 60°



Passe-cloison mâle BSP x mâle BSP sans équiper (60°)  
Straight bulkhead adaptor without nuts (60°)  
Niples passaparete BSP

ROSCA THREAD		REFERENCIA PART N°	€
1/4" BSP	1/4" BSP	A116004	
3/8" BSP	3/8" BSP	A116006	
1/2" BSP	1/2" BSP	A116008	
3/4" BSP	3/4" BSP	A116012	
1" BSP	1" BSP	A116016	
1"1/4 BSP	1"1/4 BSP	A116020	
1"1/2 BSP	1"1/2 BSP	A116024	

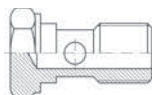
### Tuerca pasatabiques BSP



Contre-écrou passe-cloison gaz  
Counter nut for bulkhead screw-joints  
Controdado per passaparete BSP

ROSCA THREAD		REFERENCIA PART N°	€
1/4" GAS		A127204	
3/8" GAS		A127206	
1/2" GAS		A127208	
3/4" GAS		A127212	
1" GAS		A127216	
1 1/4" GAS		A127220	
1 1/2" GAS		A127224	

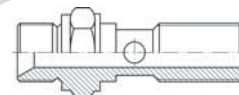
### Tornillo orientable simple BSP



Vis creuse simple pour banjo filetage gaz  
BSP Bolt for banjo  
Bullone forato BSP

ROSCA THREAD	REFERENCIA PART N°	€
1/8" BSP	A109002	
1/4" BSP	A109004	
3/8" BSP	A109006	
1/2" BSP	A109008	
3/4" BSP	A109012	
1" BSP	A109016	
1"1/4 BSP	A109020	
1"1/2 BSP	A109024	

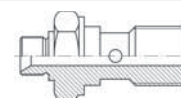
### Tornillo orientable prolongado BSP



Vis creuse simple prolongée pour banjo  
BSP Extended bolt for banjo  
Bullone forato prolungato BSP

ROSCA THREAD		REFERENCIA PART N°	€
1/4" BSP	1/4" BSP	A109204	
3/8" BSP	3/8" BSP	A109206	
1/2" BSP	1/2" BSP	A109208	
3/4" BSP	3/4" BSP	A109212	
1" BSP	1" BSP	A109216	

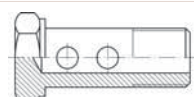
### Tornillo orientable reductor BSP



Vis creuse simple reduite pour banjo x mâle BSP  
BSP Reducer bolt for banjo  
Bullone forato di riduzione BSP

ROSCA THREAD		REFERENCIA PART N°	€
1/4" BSP	3/8" BSP	A10930406	
3/8" BSP	1/2" BSP	A10930608	
1/2" BSP	3/4" BSP	A10930812	
3/4" BSP	1" BSP	A10931216	

### Tornillo orientable doble BSP



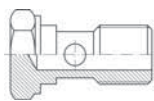
Vis creuse double pour banjo filetage gaz  
BSP Double bolt for banjo  
Bullone forato doppio BSP

ROSCA THREAD	REFERENCIA PART N°	€
1/4" BSP	A109404	
3/8" BSP	A109406	
1/2" BSP	A109408	
3/4" BSP	A109412	
1" BSP	A109416	

## Adaptadores BSP

Adaptateurs BSP  
BSP Adaptors  
Adattatori BSP

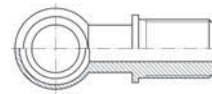
### Tornillo orientable simple rosca Métrica



Vis creuse simple pour banjo filetage Métrique  
Metric bolt for banjo  
Bullone forato Metrico

ROSCA THREAD	REFERENCIA PART N°	€
M8x1	S109208	
M10x1	S109210	
M12x1.5	S109212	
M14x1.5	S109214	
M16x1.5	S109216	
M18x1.5	S109218	
M22x1.5	S109222	
M26x1.5	S109226	
M30x1.5	S109230	

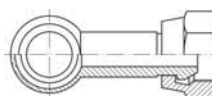
### Esférico BSP con alargadera-macho BSP (60°)



Banjo prolongé passage gaz x mâle BSP 60°  
BSP Banjo with extension-BSP male 60°  
Adattatore ad occhio con prolunga maschio 60°

ROSCA THREAD	Ø	REFERENCIA PART N°	€
3/8" BSP	3/8"	A111206	
1/2" BSP	3/8"	A11120608	
1/2" BSP	1/2"	A111208	

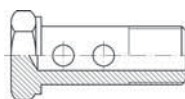
### Esférico BSP con alargadera-hembra giratoria BSP



Banjo prolongé passage gaz femelle tournante  
BSP Banjo with extension-BSP swivel female  
Adattatore ad occhio con prolunga femmina girevole

ROSCA THREAD	Ø	REFERENCIA PART N°	€
1/2" BSP	1/2"	A111108	

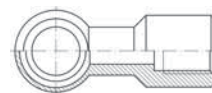
### Tornillo orientable doble rosca Métrica



Vis creuse double pour banjo filetage Métrique  
Metric double bolt for banjo  
Bullone forato doppio Metrico

ROSCA THREAD	REFERENCIA PART N°	€
M8x1	A10960801	
M10x1	A10961001	
M12x1.5	A10961215	
M14x1.5	A10961415	
M18x1.5	A10961815	

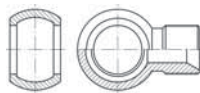
### Esférico BSP con alargadera-hembra fija BSP



Banjo prolongé passage gaz x femelle fixe BSP  
BSP Banjo with extension-BSP fixed female  
Adattatore ad occhio con prolunga femmina fissa

ROSCA THREAD	Ø	REFERENCIA PART N°	€
3/8" BSP	3/8"	A111306	
1/2" BSP	1/2"	A111308	

### Esférico BSP - macho BSP (60°)



Banjo passage gaz x mâle BSP (60°)  
BSP Banjo-BSP male (60°)  
Adattatore ad occhio filettato BSP

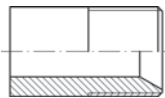
ROSCA THREAD	Ø	REFERENCIA PART N°	€
1/8" BSP	1/8"	A114002	
1/4" BSP	1/4"	A114004	
3/8" BSP	3/8"	A114006	
1/2" BSP	1/2"	A114008	
3/4" BSP	3/4"	A114012	
1" BSP	1"	A114016	



## Adaptadores BSP

Adaptateurs BSP  
BSP Adaptors  
Adattatori BSP

### Empalme liso soldable rosca BSP (60°)



Embout mâle lisse à souder gaz cyl BSP (60°)

Welding union BSP male (60°)

Mezzo nipples tondo a saldare BSP

ROSCA THREAD	REFERENCIA PART N°	€
1/8" BSP	A129002	
1/4" BSP	A129004	
3/8" BSP	A129006	
1/2" BSP	A129008	
3/4" BSP	A129012	
1" BSP	A129016	
1"1/4 BSP	A129020	
1"1/2 BSP	A129024	
2" BSP	A129032	

### Racor macho BSP (60°) soldable interior



Mamelon BSP hexagone à souder intérieur sw (60°)

Welding adaptor BSP male (60°) (internal welding)

Raccordo maschio BSP a saldare di tasca

ROSCA THREAD	REFERENCIA PART N°	€
1/8" BSP	A103102	
1/4" BSP	A103104	
3/8" BSP	A103106	
1/2" BSP	A103108	
3/4" BSP	A103112	
1" BSP	A103116	
1"1/4 BSP	A103120	
1"1/2 BSP	A103124	
2" BSP	A103132	

### Racor macho BSP (60°) soldable exterior



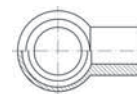
Mamelon BSP hexagone à souder extérieur bw (60°)

Welding adaptor BSP male (60°) (external welding)

Raccordo maschio BSP a saldare

ROSCA THREAD	REFERENCIA PART N°	€
1/8" BSP	A103002	
1/4" BSP	A103004	
3/8" BSP	A103006	
1/2" BSP	A103008	
3/4" BSP	A103012	
1" BSP	A103016	
1"1/4 BSP	A103020	
1"1/2 BSP	A103024	
2" BSP	A103032	

### Esférico BSP soldable exterior



Banjo passage gaz à souder extérieur (bw)

BSP Banjo external welding

Raccordo a occhio BSP a saldare

ROSCA THREAD	Ø	REFERENCIA PART N°	€
1/8" BSP	1/8"	A114102	
1/4" BSP	1/4"	A114104	
3/8" BSP	3/8"	A114106	
1/2" BSP	1/2"	A114108	
3/4" BSP	3/4"	A114112	
1" BSP	1"	A114116	

### Soldables para cilindros



Raccords à souder pour verins

Welding nipples for cylinders

Borchia a saldare femmina-femmina

ROSCA THREAD	REFERENCIA PART N°	€
1/4" BSP	A13110400000	
3/8" BSP	A13110600000	
1/2" BSP	A13110800000	
3/4" BSP	A13111200000	

## Adaptadores BSP

Adaptateurs BSP  
BSP Adaptors  
Adattatori BSP

Adaptors

### Codo 90° macho-hembra giratoria BSP (60°)



Adaptateur coude 90° mâle BSP x femelle tournante BSP (60°)  
90° Elbow BSP female-male  
Curva 90° maschio-femmina girevole BSP 60°

ROSCA THREAD		REFERENCIA PART N°	€
1/4" BSP	1/4" BSP	A119404	
3/8" BSP	3/8" BSP	A119406	
1/2" BSP	1/2" BSP	A119408	
3/4" BSP	3/4" BSP	A119412	
1" BSP	1" BSP	A119416	
1"1/4 BSP	1"1/4 BSP	A119420	
1"1/2 BSP	1"1/2 BSP	A119424	
2" BSP	2" BSP	A119432	

ORFS

### Codo 90° hembra giratoria-hembra giratoria BSP (60°)



Adaptateur coude 90° femelle tournante BSP x femelle tournante BSP (60°)  
90° Elbow BSP swivel female-BSP swivel female  
Curva 90° femmina-femmina girevole BSP 60°

ROSCA THREAD		REFERENCIA PART N°	€
1/4" BSP	1/4" BSP	A119604	
3/8" BSP	3/8" BSP	A119606	
1/2" BSP	1/2" BSP	A119608	
3/4" BSP	3/4" BSP	A119612	
1" BSP	1" BSP	A119616	

Quick-release couplings

### Codo 45° macho-hembra giratoria BSP (60°)



Adaptateur coude 45° mâle BSP x femelle tournante BSP (60°)  
45° Elbow BSP female-male  
Curva 45° maschio-femmina girevole BSP 60°

ROSCA THREAD		REFERENCIA PART N°	€
1/4" BSP	1/4" BSP	A119504	
3/8" BSP	3/8" BSP	A119506	
1/2" BSP	1/2" BSP	A119508	
3/4" BSP	3/4" BSP	A119512	
1" BSP	1" BSP	A119516	

Ball valves, diverters

### Codo 90° macho-macho BSP (60°) forja



Adaptateur coude 90° mâle BSP x mâle BSP (60°) forge  
90° Elbow BSP male (60°)-BSP male (60°) forge  
Adattatore a 90° maschio-maschio BSP (60°) forgiato

ROSCA THREAD		REFERENCIA PART N°	€
1/4" BSP	1/4" BSP	S119004	
3/8" BSP	3/8" BSP	S119006	
1/2" BSP	1/2" BSP	S119008	
3/4" BSP	3/4" BSP	S119012	
1" BSP	1" BSP	S119016	
1"1/4 BSP	1"1/4 BSP	S119020	

Protections

### Codo 90° macho BSP (60°) -macho BSPT forja



Adaptateur coude 90° mâle BSP x mâle gaz conique (BSPT) (60°) forge  
90° Elbow BSP male (60°)-BSPT male forge  
Adattatore a 90° maschio BSP (60°) - maschio BSPT forgiato

ROSCA THREAD		REFERENCIA PART N°	€
1/8" BSP	1/8" BSPT	S119202	
1/4" BSP	1/4" BSPT	S119204	
3/8" BSP	3/8" BSPT	S119206	
1/2" BSP	1/2" BSPT	S119208	
3/4" BSP	3/4" BSPT	S119212	
1" BSP	1" BSPT	S119216	

### Codo 90° macho-macho BSPT forja



Adaptateur coude 90° mâle gaz conique (BSPT) x mâle gaz conique (BSPT) forge  
90° Elbow BSPT male-BSPT male forge  
Adattatore a 90° maschio-maschio BSPT forgiato

ROSCA THREAD		REFERENCIA PART N°	€
1/4" BSPT	1/4" BSPT	S119504	
3/8" BSPT	3/8" BSPT	S119506	
1/2" BSPT	1/2" BSPT	S119508	
3/4" BSPT	3/4" BSPT	S119512	
1" BSPT	1" BSPT	S119516	



## Adaptadores BSP

Adaptateurs BSP  
BSP Adaptors  
Adattatori BSP

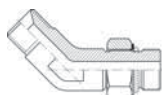
### Codo 90° macho BSP (60°) -macho BSP regulable forja



Adaptateur coude 90° mâle BSP x mâle gaz cyl orientable or + bae en forge  
90° Elbow BSP male-BSP male adjustable forge  
Adattatore a 90° maschio BSP 60° - maschio BSP regolabile forgiato

ROSCA THREAD		REFERENCIA PART N°	€
1/4" BSP	1/4" BSP	S11970404	
3/8" BSP	1/4" BSP	S11970604	
3/8" BSP	3/8" BSP	S11970606	
1/2" BSP	3/8" BSP	S11970806	
1/2" BSP	1/2" BSP	S11970808	
3/4" BSP	1/2" BSP	S11971208	
3/4" BSP	3/4" BSP	S11971212	
1" BSP	3/4" BSP	S11971612	
1" BSP	1" BSP	S11971616	
1 1/4" BSP	1 1/4" BSP	S11972020	

### Codo 45° macho BSP (60°) -macho BSP regulable forja



Adaptateur coude 45° mâle BSP x mâle gaz cyl orientable or + bae en forge  
45° Elbow BSP male-BSP male adjustable forge  
Adattatore a 45° maschio BSP 60° - maschio BSP regolabile forgiato

ROSCA THREAD		REFERENCIA PART N°	€
M 1/4" BSP	MR 1/4" BSP	S11980404	
M 3/8" BSP	MR 3/8" BSP	S11980606	
M 1/2" BSP	MR 1/2" BSP	S11980808	
M 3/4" BSP	MR 3/4" BSP	S11981212	
M 1" BSP	MR 1" BSP	S11981616	

### Codo 90° macho-hembra giratoria BSP (60°) forja



Adaptateur coude 90° mâle BSP x femelle tournante BSP (60°) forge  
90° Elbow BSP male-BSP swivel female forge  
Adattatore a 90° maschio-femmina girevole BSP (60°) forgiato

ROSCA THREAD		REFERENCIA PART N°	€
1/4" BSP	1/4" BSP	S119304	
3/8" BSP	3/8" BSP	S119306	
1/2" BSP	1/2" BSP	S119308	
3/4" BSP	3/4" BSP	S119312	
1" BSP	1" BSP	S119316	
1 1/4" BSP	1 1/4" BSP	S119320	
1 1/2" BSP	1 1/2" BSP	S119324	

### Codo 90° macho BSPT- hembra giratoria BSP (60°) forja



Adaptateur coude 90° mâle gaz conique (BSPT) x femelle tournante BSP (60°) forge  
90° Elbow BSPT male-BSP swivel female (60°) forge  
Adattatore a 90° maschio BSPT - femmina girevole BSP 60° forgiato

ROSCA THREAD		REFERENCIA PART N°	€
M 1/4" BSPT	F 1/4" BSP	S119904	
M 3/8" BSPT	F 3/8" BSP	S119906	
M 1/2" BSPT	F 1/2" BSP	S119908	
M 3/4" BSPT	F 3/4" BSP	S119912	
M 1" BSPT	F 1" BSP	S119916	

### Codo 90° macho BSPT- hembra fija BSP forja



Adaptateur coude 90° mâle gaz conique (BSPT) x femelle gaz conique (BSP) forge  
90° Elbow BSPT male-BSP fixed female forge  
Adattatore a 90° maschio BSPT - femmina fissa BSP (60°) forgiato

ROSCA THREAD		REFERENCIA PART N°	€
M 1/8" BSPT	F 1/8" BSP	S119402	
M 1/4" BSPT	F 1/4" BSP	S119404	
M 3/8" BSPT	F 3/8" BSP	S119406	
M 1/2" BSPT	F 1/2" BSP	S119408	
M 3/4" BSPT	F 3/4" BSP	S119412	
M 1" BSPT	H 1" BSP	S119416	

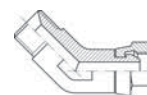
### Codo 90° hembra fija- hembra fija BSP forja



Adaptateur coude 90° femelle fixe gaz cyl forge  
90° Elbow BSP fixed female-BSP fixed female forge  
Adattatore a 90° maschio BSPT - femmina fissa BSP forgiato

ROSCA THREAD		REFERENCIA PART N°	€
1/8" BSP	1/8" BSP	S119602	
1/4" BSP	1/4" BSP	S119604	
3/8" BSP	3/8" BSP	S119606	
1/2" BSP	1/2" BSP	S119608	
3/4" BSP	3/4" BSP	S119612	
1" BSP	1" BSP	S119616	
1 1/4" BSP	1 1/4" BSP	S119620	

### Codo 45° macho-hembra giratoria forja BSP 60° forja



Adaptateur coude 45° mâle-femelle tournante BSP forge  
45° Elbow BSP male-BSP swivel female forge  
Adattatore a 45° maschio-femmina girevole BSP forgiato

ROSCA THREAD		REFERENCIA PART N°	€
1/4" BSP	1/4" BSP	S118504	
3/8" BSP	3/8" BSP	S118506	
1/2" BSP	1/2" BSP	S118508	
3/4" BSP	3/4" BSP	S118512	
1" BSP	1" BSP	S118516	
1 1/4" BSP	1 1/4" BSP	S118520	

### Codo 90° macho-macho Métrico (60°) forja



Adaptateur coude 90° mâle Métrique x mâle Métrique (60°) forge  
90° Elbow Metric adaptor male-male (60°)  
Adattatore a 90° maschio-maschio Metrico

ROSCA THREAD		REFERENCIA PART N°	€
M12x1.5	M12x1.5	S86012	
M16x1.5	M16x1.5	S86016	
M22x1.5	M22x1.5	S86022	

## Adaptadores BSP

Adaptateurs BSP  
BSP Adaptors  
Adattatori BSP

### Codo 90° hembra giratoria-hembra giratoria BSP (60°) forja



Adaptateur coude 90° femelle tournante BSP x femelle tournante BSP (60°) forge

90° Elbow BSP swivel female-BSP swivel female forge

Adattatore a 90° femmina girevole BSP (60°)-femmina girevole BSP (60°) forgiato

ROSCA THREAD		REFERENCIA PART N°	€
1/4" BSP	1/4" BSP	S118304	
3/8" BSP	3/8" BSP	S118306	
1/2" BSP	1/2" BSP	S118308	
3/4" BSP	3/4" BSP	S118312	
1" BSP	1" BSP	S118316	
1"1/4 BSP	1"1/4 BSP	S118320	
1"1/2 BSP	1"1/2 BSP	S118324	

### Codo 90° orientable macho-hembra giratoria BSP (60°) forja



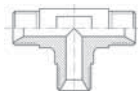
Adaptateur coude 90° orientable mâle-femelle tournante (60°)

90° Elbow male-swivel female - adjustable forge

Adattatore a 90° orientabile maschio-femmina girevole BSP forgiato

ROSCA THREAD		REFERENCIA PART N°	€
1/4" BSP	1/4" BSP	S119104	
3/8" BSP	3/8" BSP	S119106	
1/2" BSP	1/2" BSP	S119108	
3/4" BSP	3/4" BSP	S119112	
1" BSP	1" BSP	S119116	

### Te macho-macho-macho BSP forja



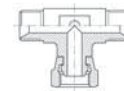
Adaptateur Té mâle BSP x mâle BSP x mâle BSP (60°) forge

Tee BSP Male (60°) forge

Adattatore a T maschio BSP (60°) forgiato

ROSCA THREAD			REFERENCIA PART N°	€
1/4" BSP	1/4" BSP	1/4" BSP	S122004	
3/8" BSP	3/8" BSP	3/8" BSP	S122006	
1/2" BSP	1/2" BSP	1/2" BSP	S122008	
3/4" BSP	3/4" BSP	3/4" BSP	S122012	
1" BSP	1" BSP	1" BSP	S122016	
1"1/4 BSP	1"1/4 BSP	1"1/4 BSP	S122020	

### Te macho-hembra giratoria-macho BSP (60°) forja



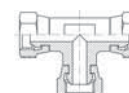
Adaptateur Té mâle BSP x femelle tournante BSP x mâle BSP (60°) forge

Tee BSP Male-swivel female-male (60°) forge

Adattatore a T maschio-femmina girevole-maschio BSP forgiato

ROSCA THREAD			REFERENCIA PART N°	€
1/4" BSP	1/4" BSP	1/4" BSP	S122404	
3/8" BSP	3/8" BSP	3/8" BSP	S122406	
1/2" BSP	1/2" BSP	1/2" BSP	S122408	
3/4" BSP	3/4" BSP	3/4" BSP	S122412	
1" BSP	1" BSP	1" BSP	S122416	
1"1/4 BSP	1"1/4 BSP	1"1/4 BSP	S122420	

### Te hembras giratorias BSP (60°) forja



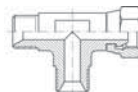
Adaptateur Té femelle tournante BSP (60°) forge

Tee BSP Swivel female (60°) forge

Adattatore a T femmina girevole BSP forgiato

ROSCA THREAD			REFERENCIA PART N°	€
1/4" BSP	1/4" BSP	1/4" BSP	S122504	
3/8" BSP	3/8" BSP	3/8" BSP	S122506	
1/2" BSP	1/2" BSP	1/2" BSP	S122508	
3/4" BSP	3/4" BSP	3/4" BSP	S122512	
1" BSP	1" BSP	1" BSP	S122516	

### Te macho-macho-hembra giratoria BSP (60°) forja



Adaptateur Té mâle BSP x mâle BSP x femelle tournante BSP (60°) forge

Tee BSP Male-male-swivel female (60°) forge

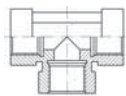
Adattatore a T maschio-maschio-femmine girevole BSP forgiato

ROSCA THREAD			REFERENCIA PART N°	€
1/4" BSP	1/4" BSP	1/4" BSP	S122304	
3/8" BSP	3/8" BSP	3/8" BSP	S122306	
1/2" BSP	1/2" BSP	1/2" BSP	S122308	
3/4" BSP	3/4" BSP	3/4" BSP	S122312	
1" BSP	1" BSP	1" BSP	S122316	
1"1/4 BSP	1"1/4 BSP	1"1/4 BSP	S122320	

## Adaptadores BSP

Adaptateurs BSP  
BSP Adaptors  
Adattatori BSP

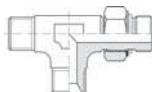
### Te hembras fijas BSP forja



Adaptateur Té femelle fixe gaz (BSP) forge  
Tee BSP fixed female forge  
Adattatore a T femmina fissa BSP

ROSCA THREAD			REFERENCIA PART N°	€
1/8" BSP	1/8" BSP	1/8" BSP	<b>S122602</b>	
1/4" BSP	1/4" BSP	1/4" BSP	<b>S122604</b>	
3/8" BSP	3/8" BSP	3/8" BSP	<b>S122606</b>	
1/2" BSP	1/2" BSP	1/2" BSP	<b>S122608</b>	
3/4" BSP	3/4" BSP	3/4" BSP	<b>S122612</b>	
1" BSP	1" BSP	1" BSP	<b>S122616</b>	
1 1/4" BSP	1 1/4" BSP	1 1/4" BSP	<b>S122620</b>	

### Te macho-macho-macho regulable lateral BSP forja



Adaptateur Té égal orientable latéral mâle BSP (60°) x mâle BSP (60°) x mâle gaz cyl + o'ring forge

Tee BSP male-male-male lateral adjustable forge  
Adattatore a T maschio-maschio-maschio orientabile laterale BSP

ROSCA THREAD			REFERENCIA PART N°	€
1/4" BSP	1/4" BSP	MR 1/4" BSP	<b>S12290404</b>	
3/8" BSP	3/8" BSP	MR 3/8" BSP	<b>S12290606</b>	
1/2" BSP	1/2" BSP	MR 3/8" BSP	<b>S12290806</b>	
1/2" BSP	1/2" BSP	MR 1/2" BSP	<b>S12290808</b>	
3/4" BSP	3/4" BSP	MR 1/2" BSP	<b>S12291208</b>	
3/4" BSP	3/4" BSP	MR 3/4" BSP	<b>S12291212</b>	
1" BSP	1" BSP	MR 3/4" BSP	<b>S12291612</b>	
1" BSP	1" BSP	MR 1" BSP	<b>S12291616</b>	
1 1/4" BSP	1 1/4" BSP	MR 1 1/4" BSP	<b>S12292020</b>	

### Codo 90° reductor macho-macho BSP (60°) - cuadrado



Adaptateur coude 90° reducteur mâle BSP x mâle BSP (60°) en bloque

90° reducer elbow male-bsp male (60°) (square)  
Adattatore a 90° maschio-maschio quadrato BSP (60°)

ROSCA THREAD		REFERENCIA PART N°	€
1/8" BSP	1/4" BSP	<b>A11920204</b>	
1/4" BSP	3/8" BSP	<b>A11920406</b>	
3/8" BSP	1/2" BSP	<b>A11920608</b>	
1/2" BSP	3/4" BSP	<b>A11920812</b>	
3/4" BSP	1" BSP	<b>A11921216</b>	

### Te macho-macho regulable central-macho BSP forja

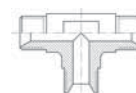


Adaptateur Té égal orientable central mâle BSP (60°) x mâle gaz cyl + o'ring x mâle BSP (60°) forge

Tee BSP male-male central adjustable-BSP male forge  
Adattatore a T maschio-maschio-maschio orientabile centrale BSP forgiato

ROSCA THREAD			REFERENCIA PART N°	€
1/4" BSP	MR 1/4" BSP	1/4" BSP	<b>S12280404</b>	
3/8" BSP	MR 1/4" BSP	3/8" BSP	<b>S12280604</b>	
3/8" BSP	MR 3/8" BSP	3/8" BSP	<b>S12280606</b>	
1/2" BSP	MR 3/8" BSP	1/2" BSP	<b>S12280806</b>	
1/2" BSP	MR 1/2" BSP	1/2" BSP	<b>S12280808</b>	
3/4" BSP	MR 3/4" BSP	1/2" BSP	<b>S12281208</b>	
3/4" BSP	MR 3/4" BSP	3/4" BSP	<b>S12281212</b>	
1" BSP	MR 3/4" BSP	1" BSP	<b>S12281612</b>	
1" BSP	MR 1" BSP	1" BSP	<b>S12281616</b>	
1 1/4" BSP	MR 1" BSP	1 1/4" BSP	<b>S12282016</b>	
1 1/4" BSP	MR 1 1/4" BSP	1 1/4" BSP	<b>S12282020</b>	

### Te macho-macho-macho Métrica (60°)



Adaptateur Té égal mâle x mâle x mâle Métrique (60°)  
Tee Metric male (60°)

Adattatore a T maschio-maschio-maschio Metrico

ROSCA THREAD			REFERENCIA PART N°	€
M16x1.5	M16x1.5	M16x1.5	<b>S86516</b>	
M18x1.5	M18x1.5	M18x1.5	<b>S86518</b>	
M20x1.5	M20x1.5	M20x1.5	<b>S86520</b>	
M22x1.5	M22x1.5	M22x1.5	<b>S86522</b>	
M26x1.5	M26x1.5	M26x1.5	<b>S86526</b>	
M30x1.5	M30x1.5	M30x1.5	<b>S86530</b>	

### Codo 90° macho BSP - cuadrado



Adaptateur Coude 90° mâle BSP

90° Elbow BSP male (square)

Adattatore a 90° maschio-maschio quadrato BSP (60°)

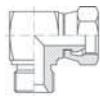
ROSCA THREAD		REFERENCIA PART N°	€
1/4" BSP	1/4" BSP	<b>A21900400</b>	
3/8" BSP	3/8" BSP	<b>A21900600</b>	
1/2" BSP	1/2" BSP	<b>A21900800</b>	
3/4" BSP	3/4" BSP	<b>A21901200</b>	
1" BSP	1" BSP	<b>A21901600</b>	

## Adaptadores BSP

Adaptateurs BSP  
BSP Adaptors  
Adattatori BSP

Adaptors

### Codo 90° macho-hembra giratoria - cuadrado



Adaptateur Coude 90° mâle BSP x femelle BSP

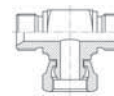
90° Elbow BSP male-BSP swivel female (square)

Adattatore a 90° maschio-femmina girevole quadrato BSP (60°)

ROSCA THREAD		REFERENCIA PART N°	€
1/4" BSP	1/4" BSP	A21930400	
3/8" BSP	3/8" BSP	A21930600	
1/2" BSP	1/2" BSP	A21930800	
3/4" BSP	3/4" BSP	A21931200	
1" BSP	1" BSP	A21931600	

ORFS

### Te macho-tuerca loca central-macho cuadrado



Adaptateur Té mâle BSP x femelle tournante BSP x mâle BSP

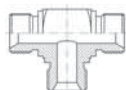
Tee BSP male-swivel female-male (square)

Adattatore a T maschio-femmina girevole-maschio quadrato BSP (60°)

ROSCA THREAD			REFERENCIA PART N°	€
1/4" BSP	1/4" BSP	1/4" BSP	A22240400	
3/8" BSP	3/8" BSP	3/8" BSP	A22240600	
1/2" BSP	1/2" BSP	1/2" BSP	A22240800	
3/4" BSP	3/4" BSP	3/4" BSP	A22241200	
1" BSP	1" BSP	1" BSP	A22241600	

Quick-release couplings

### Te macho-macho-macho - cuadrado



Adaptateur Té mâle BSP x mâle BSP x mâle BSP

Tee BSP male (square)

Adattatore a T maschio quadrato BSP 60°

ROSCA THREAD			REFERENCIA PART N°	€
1/4" BSP	1/4" BSP	1/4" BSP	A22200400	
3/8" BSP	3/8" BSP	3/8" BSP	A22200600	
1/2" BSP	1/2" BSP	1/2" BSP	A22200800	
3/4" BSP	3/4" BSP	3/4" BSP	A22201200	
1" BSP	1" BSP	1" BSP	A22201600	

Ball valves, diverters

### Te macho-macho-tuerca loca lateral - cuadrado



Adaptateur Té mâle BSP x mâle BSP x femelle tournante BSP

Tee BSP male-male-swivel female (square)

Adattatore a T maschio-maschio-femmina girevole quadrato BSP

ROSCA THREAD			REFERENCIA PART N°	€
1/4" BSP	1/4" BSP	1/4" BSP	A22220400	
3/8" BSP	3/8" BSP	3/8" BSP	A22220600	
1/2" BSP	1/2" BSP	1/2" BSP	A22220800	
3/4" BSP	3/4" BSP	3/4" BSP	A22221200	
1" BSP	1" BSP	1" BSP	A22221600	

Protections

### Cruz macho BSP - cuadrado



Adaptateur Croix égale mâle BSP

Cross BSP male (square)

Croce maschio BSP 60°

ROSCA THREAD	REFERENCIA PART N°	€
1/4" BSP	A22230400	
3/8" BSP	A22230600	
1/2" BSP	A22230800	
3/4" BSP	A22231200	
1" BSP	A22231600	

## Adaptadores BSP

Adaptateurs BSP  
BSP Adaptors  
Adattatori BSP

### Juntas Metal Buna GAS Autocentrantes



Bague BS Gaz  
BSP Bonded Seal  
Rondelle Bonded GAS

ROSCA THREAD	REFERENCIA PART N°	€
1/8" BSP	T21002	
1/4" BSP	T21004	
3/8" BSP	T21006	
1/2" BSP	T21008	
5/8" BSP	T21010	
3/4" BSP	T21012	
1" BSP	T21016	
1"1/4 BSP	T21020	
1"1/2 BSP	T21024	
2" BSP	T21032	

Se venden en bolsas, consultar cantidades//Vendu dans des sacs, demandez la quantité//Sold in bags, ask for quantity//Venduti in sacchetti, chiedere per la quantità

### Juntas Metal Buna Métricas Autocentrantes

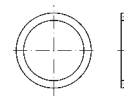


Bague BS Métrique  
Metric Bonded Seal  
Rondelle Bonded Metriche

ROSCA THREAD	REFERENCIA PART N°	€
M8x1	T32008	
M10x1	T32010	
M12x1.5	T32012	
M14x1.5	T32014	
M16x1.5	T32016	
M18x1.5	T32018	
M20x1.5	T32020	
M22x1.5	T32022	
M24x1.5	T32024	
M26x1.5	T32026	
M30x2	T32030	
M32x2	T32032	
M36x2	T32036	
M42x2	T32042	

Se venden en bolsas, consultar cantidades//Vendu dans des sacs, demandez la quantité//Sold in bags, ask for quantity//Venduti in sacchetti, chiedere per la quantità

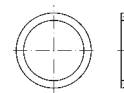
### Arandelas Aluminio GAS



Rondelle Gaz Aluminium  
BSP Aluminium Collar Plate  
Rondella in Alluminio GAS

ROSCA THREAD	Ø ext Ø outer	Ø in	REFERENCIA PART N°	€
1/8"	10	14	A133202	
1/4"	19	13	A133204	
3/8"	22	17	A133206	
1/2"	27	21	A133208	
3/4"	33	27	A133212	
1"	41	33	A133216	
1"1/4	50	42	A133220	
1"1/2	60	48	A133224	

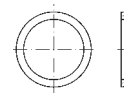
### Arandelas plana Cobre recocido GAS



Rondelle plane Gaz Cuivre recuit  
Annealed Copper flat Plate  
Rondella in Rame

ROSCA THREAD	Ø ext Ø outer	Ø in	REFERENCIA PART N°	€
1/8"	14	10	A133002	
1/4"	19	13	A133004	
3/8"	22	17	A133006	
1/2"	27	21	A133008	
3/4"	33	27	A133012	
1"	41	33	A133016	
1"1/4	50	42	A133020	
1"1/2	60	48	A133024	
2"	72	60	A133032	

### Arandelas plana Acero



Bague plate Acier  
Steel flat Plate  
Rondelle in Acciaio

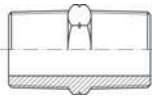
ROSCA THREAD	REFERENCIA PART N°	€
1/4	A13330400000	
3/8	A13330600000	
1/2	A13330800000	
3/4	A13331200000	
1	A13331600000	
1"1/4	A13332000000	

## Adaptadores NPT

Adaptateurs NPT  
Adaptors NPT  
Adattatori NPT

Adaptors

### Adaptor macho - macho NPT



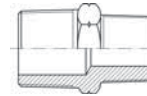
Adaptateur mâle NPT - mâle NPT

Adaptor male NPT - male NPT

Niples di congiunzione NPT

ROSCA THREAD		REFERENCIA PART N°	€
1/8" NPT	1/8" NPT	A10150202	
1/4" NPT	1/4" NPT	A10150404	
3/8" NPT	3/8" NPT	A10150606	
1/2" NPT	1/2" NPT	A10150808	
3/4" NPT	3/4" NPT	A10151212	
1" NPT	1" NPT	A10151616	
1" 1/4 NPT	1" 1/4 NPT	A10152020	
1 1/2" NPT	1 1/2" NPT	A10152424	
2" NPT	2" NPT	A10153232	

### Reductor macho - macho NPT



Réducteur mâle NPT- mâle NPT

Reducer male NPT - male NPT

Niples di riduzione maschio - maschio NPT

ROSCA THREAD		REFERENCIA PART N°	€
1/4" NPT	1/8" NPT	A10150402	
3/8" NPT	1/8" NPT	A10150602	
3/8" NPT	1/4" NPT	A10150604	
1/2" NPT	1/4" NPT	A10150804	
1/2" NPT	3/8" NPT	A10150806	
3/4" NPT	1/4" NPT	A10151204	
3/4" NPT	3/8" NPT	A10151206	
3/4" NPT	1/2" NPT	A10151208	
1" NPT	1/2" NPT	A10151608	
1" NPT	3/4" NPT	A10151612	
1" 1/4 NPT	1" NPT	A10152016	
1" 1/2 NPT	1" 1/4 NPT	A10152420	
2"	1" 1/2	A10153224	

ORFS

Quick-release couplings

### Tapón HF NPT



Bouchon femelle fixe NPT

NPT fixed female plug

Tappo femmina fissa NPT

ROSCA THREAD	REFERENCIA PART N°	€
1/8" NPT	N107202	
1/4" NPT	N107204	
3/8" NPT	N107206	
1/2" NPT	N107208	
3/4" NPT	N107212	
1" NPT	N107216	

### Tapón macho NPT



Bouchon mâle NPT

NPT male plug

Tappo maschio NPT

ROSCA THREAD	REFERENCIA PART N°	€
1/4" NPT	N107004	
3/8" NPT	N107006	
1/2" NPT	N107008	
3/4" NPT	N107012	
1" NPT	N107016	

Ball valves, diverters

Protections

### Codo 90° M-M NPT



Coude 90° mâle NPT - mâle NPT

90° elbow male NPT - male NPT

Adattatore a 90° maschio - maschio NPT

ROSCA THREAD	REFERENCIA PART N°	€
1/8" NPT	N119002	
1/4" NPT	N119004	
3/8" NPT	N119006	
1/2" NPT	N119008	
3/4" NPT	N119012	
1" NPT	N119016	
1" 1/4 NPT	N119020	
1" 1/2 NPT	N119024	
2" NPT	N119032	

### Codo 90° HF-HF NPT



Coude 90° femelle fixe NPT - femelle fixe NPT

90° elbow fixed female NPT - fixed female NPT

Adattatore a 90° femmina fissa - femmina fissa NPSM

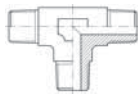
ROSCA THREAD	REFERENCIA PART N°	€
1/8" NPT	N119602	2,35
1/4" NPT	N119604	
3/8" NPT	N119606	
1/2" NPT	N119608	
3/4" NPT	N119612	
1" NPT	N119616	
1" 1/4 NPT	N119620	
1" 1/2 NPT	N119624	
2" NPT	N119632	



## Adaptadores NPT

Adapteurs NPT  
Adaptors NPT  
Adattatori NPT

### T M-M-M NPT

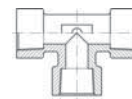


Té mâle NPT  
NPT male tee

Adattatore a T maschio-maschio-maschio NPT

ROSCA THREAD	REFERENCIA PART N°	€
1/4" NPT	N122004	
3/8" NPT	N122006	
1/2" NPT	N122008	
3/4" NPT	N122012	
1" NPT	N122016	

### T HF-HF-HF NPT



Té femelle fixe NPT  
NPT fixed female tee

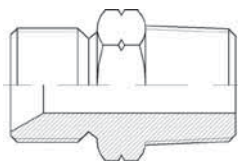
Adattatore a T femmina fissa-femmina fissa-femmina fissa NPT

ROSCA THREAD	REFERENCIA PART N°	€
3/4" NPT	N122612	
1" NPT	N122616	
1/8" NPT	N122602	
1/4" NPT	N122604	
3/8" NPT	N122606	
1/2" NPT	N122608	

## NPT

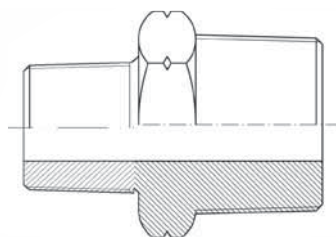
Artículos bajo consulta / Articles à consulter / Items on request

**Adaptador Macho BSP 60°-macho NPT/Adapteur mâle BSP 60° x mâle briggs NPT/Adaptador BSP male 60° - NPT male / Niples di congiunzione BSP 60° - NPT**



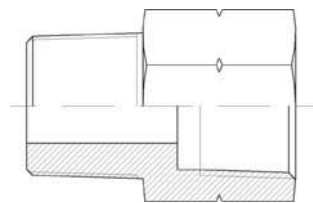
Ver página 247

**Reductor macho BSP 60° - macho NPT/ Réducteur mâle BSP 60° x mâle briggs NPT/ Reducer adaptor BSP male 60° - NPT male / Niples di riduzione BSP 60° - NPT**

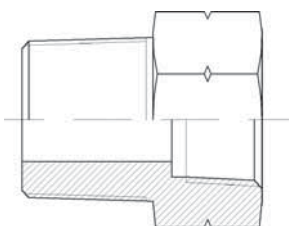


Ver página 247

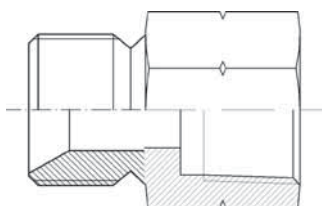
**Adaptador M NPT - HF NPT/ Adapteur mâle NPT - femelle fixe NPT/Adaptador M - HF NPT/Adaptor male NPT - fixed female NPT/ Niples di congiunzione maschio NPT - femmina fissa NPT**



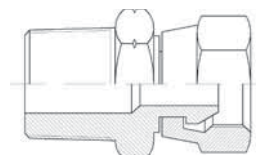
**Reductor M - HF NPT / Réducteur mâle NPT - femelle fixe NPT/ Reducer male NPT - fixed female NPT/Niples di riduzione maschio NPT - femmina fissa NPT**



**Adaptador M BSP - HF NPT / Adapteur mâle BSP - femelle fixe NPT / Adaptor BSP male - fixed female NPT / Niples di congiunzione maschio BSP - femmina diritta NPT**

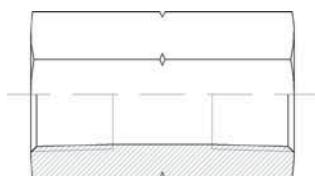


**Adaptador M NPT - TL NPSM/ Adapteur mâle NPT - femelle tournante NPSM/ Adaptor male NPT - swivel female NPSM/ Niples di congiunzione maschio NPT - femmina girevole NPSM**

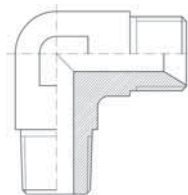


## NPT

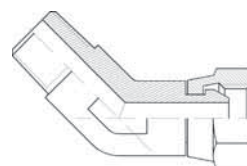
**Adaptador hexagonal HF NPT/** Adapteur hexagonal femelle fixe NPT/ NPT hexagonal fixed female / Adattatore esagonale femmina fissa NPT



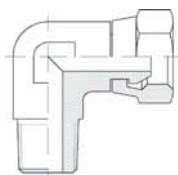
**Codo 90° macho BSP 60° - macho NPT/** Adapteur coude 90° mâle BSP 60° - mâle NPT forge - 90° Adaptor male BSP 60° - male NPT / Adattatore a 90° maschio BSP 60° - maschio NPT



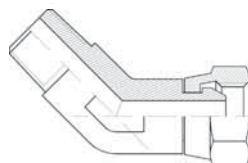
**Codo 45° M NPT - TL BSP /** Coude 45° mâle NPT - femelle tournante BSP / 45° elbow male NPT - swivel female BSP / Adattatore a 45° maschio NPT - femmina girevole BSP



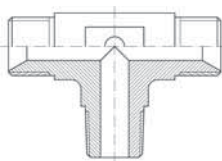
**Codo 90° M NPT - TL NPSM /** Coude 90° mâle NPT - femelle tournante NPSM / 90° elbow male NPT - swivel female NPSM / Adattatore a 90° maschio NPT - femmina girevole NPSM



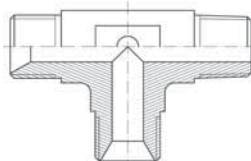
**Codo 45° M NPT - TL NPSM /** Coude 45° mâle NPT - femelle tournante NPSM / 45° elbow male NPT - swivel female NPSM / Adattatore a 45° maschio NPT - femmina girevole NPSM



**TES macho BSP 60° - macho NPT central - macho BSP 60° /** Adapteurs Té mâle BSP 60° - mâle NPT central - mâle BSP 60° / Tees BSP 60° male - NPT male center - BSP 60° male / Adattatore a T maschio - maschio - maschio



**TES macho BSP 60° - macho BSP 60° - macho NPT lateral /** Adapteurs Té mâle BSP 60° - mâle maschio BSP 60° - mâle NPT latéral / Tees BSP 60° male - BSP 60° male - NPT male side / Adattatore a T maschio - maschio - maschio



Artículos bajo consulta

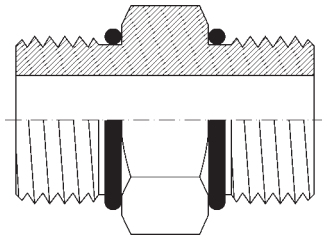
Articles à consulter

Items on request

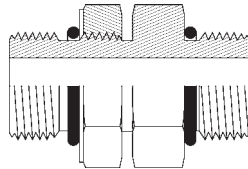


# O'RING BOSS

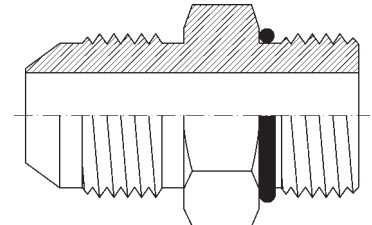
**Adaptador macho – macho O'Ring Boss /** Adapteur mâle - mâle O'Ring Boss / Adaptor male - male O'Ring Boss / Adattatore maschio-maschio o-ring Boss



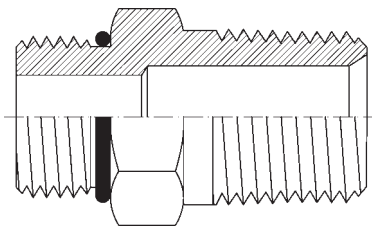
**Adaptador macho O'Ring Boss - macho regulable O'Ring Boss /** Adapteur mâle O'Ring Boss - mâle réglable O'Ring Boss/ Adaptor male O'Ring Boss - adjustable male O'Ring Boss / Adattatore maschio o-ring Boss - maschio regolabile o-ring Boss



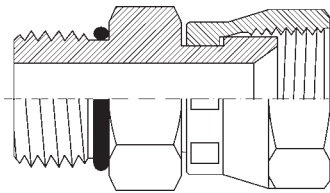
**Adaptador macho O'Ring Boss - macho JIC 37° /** Adapteur mâle O'Ring Boss- mâle JIC 37° / Adaptor male O'Ring Boss - male JIC 37°/ Adattatore maschio o-ring Boss - maschio JIC 37°



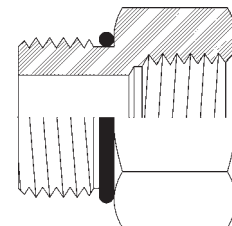
**Adaptador macho O'Ring Boss - macho NPT /** Adapteur mâle O'Ring Boss- mâle NPT/ Adaptor male O'Ring Boss - male NPT /Adattatore maschio o-ring Boss - maschio NPT



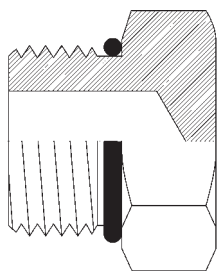
**Adaptador macho O'Ring Boss - hembra giratoria JIC 37°/**Adapteur mâle O'Ring Boss - femelle tournante JIC 37°/Adaptor male O'Ring Boss - swivel female JIC 37°/ Adattatore maschio o-ring Boss - femmina gir. JIC 37°



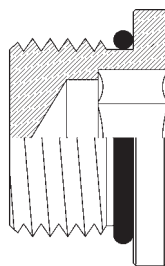
**Prolongador macho O'Ring Boss - hembra fija NPT/** Prolongateur mâle O'Ring Boss - femelle fixe NPT / Adaptor male O'Ring Boss - fixed female NPT/ Prolunga machio o-ring Boss - femmina fissa NPT



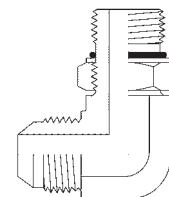
**Tapón macho O'Ring Boss hexagonal /** Bouchon mâle O'Ring Boss hexagonal/Male hexagonal O'Ring Boss plug/Tappo maschio o-ring Boss testa esagonale



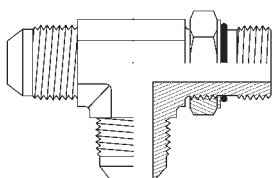
**Tapón macho O'Ring Boss allen/** Bouchon mâle O'Ring Boss allen/ Male allen O'Ring Boss plug/Tappo maschio o-ring Boss esagono incassato



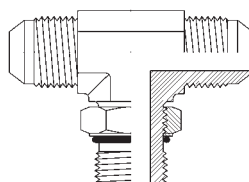
**Codo 90° regulable macho O'Ring Boss – macho JIC 37°/**Coude 90° orientable mâle O'Ring Boss - mâle JIC 37°/90° Adjustable elbow male O'Ring Boss -male JIC 37°/Curva a 90° regulabile maschio o-ring Boss - maschio JIC 37°



**TES regulable macho JIC 37° - macho O'Ring Boss - macho JIC 37°/** TES orientable macho JIC 37° - macho O'Ring Boss - macho JIC 37°/ Adjustable Tees male JIC 37° - male O'Ring Boss - male JIC 37°/Tee regulabile maschio JIC 37° - maschio o-ring Boss- maschio JIC 37°



**TES regulable macho O'Ring Boss – macho JIC 37° - macho JIC 37°/** TES orientable macho O'Ring Boss - macho JIC 37°- macho JIC 37°/Adjustable Tees male O'Ring Boss - male JIC 37° - male JIC 37°/Tee regulabile maschio o-ring Boss - maschio JIC 37°- maschio JIC 37°



Artículos bajo consulta

Articles à consulter

Items on request

# Accesorios ORFS

Accessoires ORFS  
ORFS Accessories  
Accessori ORFS

# 2

# Accessorios ORFS

Accessoires ORFS | ORFS | ORFS

Adaptors

ORFS

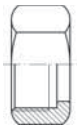
Quick-release couplings

Ball valves, diverters

Protections

## ▶ **ORFS Rectos** | ORFS Droits | Straight ORFS | Raccordi diritti ORFS

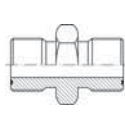
267



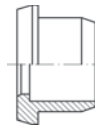
OR102



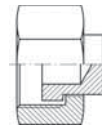
OR104



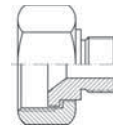
OR200



OR1273



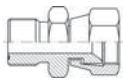
OR105



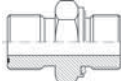
OR301



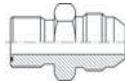
OR202



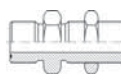
OR302



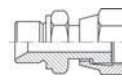
OR1017



OR204



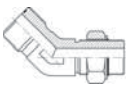
OR106



OR303

## ▶ **Codos 45° ORFS** | Coude 45° ORFS | ORFS 45° Elbows | Raccordi a 45° ORFS

269



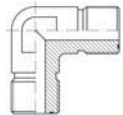
OR501



OR601

## ▶ **Codos 90° ORFS** | Coude 90° ORFS | ORFS 90° Elbows | Raccordi a 90° ORFS

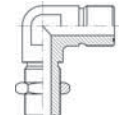
269



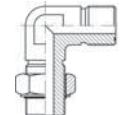
OR405



OR600



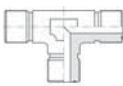
OR403



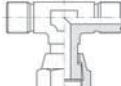
OR401

## ▶ **Te ORFS** | Tés ORFS | ORFS Tees | Raccordi a T ORFS

270



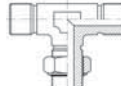
OR700



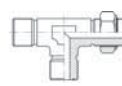
OR701



OR702



OR703



OR704

# Accesorios ORFS

Accessoires ORFS  
ORFS  
ORFS

## Tuerca ORFS



**Ecrou ORFS**  
**ORFS Nut**  
**Dado ORFS**

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
6-8	ORFS 9/16"-18h	<b>OR1020400</b>	
10	ORFS 11/16"-16h	<b>OR1020600</b>	
12	ORFS 13/16"-16h	<b>OR1020800</b>	
14-15-16	ORFS 1"-14h	<b>OR1021000</b>	
18-20	ORFS 1"3/16-12h	<b>OR1021200</b>	
22-25	ORFS 1"7/16-12h	<b>OR1021600</b>	
28-30-32	ORFS 1"11/16-12h	<b>OR1022000</b>	
35-38	ORFS 2"-12h	<b>OR1022400</b>	

## Cono soldar



**Collet à souder ORFS**  
**ORFS Welding cone**  
**Ogiva a saldare ORFS**

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
6	ORFS 9/16"-18h	<b>OR12730406</b>	
10	ORFS 11/16"-16h	<b>OR12730610</b>	
12	ORFS 13/16"-16h	<b>OR12730812</b>	
14	ORFS 1"-14h	<b>OR12731014</b>	
15	ORFS 1"-14h	<b>OR12731015</b>	
16	ORFS 1"-14h	<b>OR12731016</b>	
18	ORFS 1" 3/16-12h	<b>OR12731218</b>	
20	ORFS 1" 3/16-12h	<b>OR12731220</b>	
30	ORFS 1"11/16-12h	<b>OR12732030</b>	
38	ORFS 2"-12h	<b>OR12732438</b>	

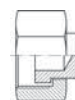
## Tapón macho ORFS



**Bouchon mâle ORFS**  
**ORFS Male plug**  
**Tappo maschio ORFS**

ROSCA THREAD	REFERENCIA PART N°	€
ORFS 9/16"-18h	<b>OR1040400</b>	
ORFS 11/16"-16h	<b>OR1040600</b>	
ORFS 13/16"-16h	<b>OR1040800</b>	
ORFS 1"-14h	<b>OR1041000</b>	
ORFS 1"3/16-12h	<b>OR1041200</b>	
ORFS 1"7/16-12h	<b>OR1041600</b>	
ORFS 1"11/16-12h	<b>OR1042000</b>	
ORFS 2"-12h	<b>OR1042400</b>	

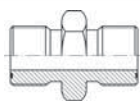
## Tapón hembra ORFS giratoria



**Bouchon femelle ORFS**  
**ORFS Female plug**  
**Tappo femmina ORFS**

ROSCA THREAD	REFERENCIA PART N°	€
ORFS 9/16"-18h	<b>OR1050400</b>	
ORFS 11/16"-16h	<b>OR1050600</b>	
ORFS 13/16"-16h	<b>OR1050800</b>	
ORFS 1"-14h	<b>OR1051000</b>	
ORFS 1"3/16-12h	<b>OR1051200</b>	
ORFS 1"7/16-12h	<b>OR1051600</b>	
ORFS 1"11/16-12h	<b>OR1052000</b>	
ORFS 2"-12h	<b>OR1052400</b>	

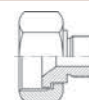
## Adaptador macho ORFS



**Mâle ORFS-ORFS**  
**ORFS-ORFS Male**  
**Adattatore maschio ORFS**

ROSCA THREAD	REFERENCIA PART N°	€
ORFS 9/16"-18h	<b>OR2000404</b>	
ORFS 11/16"-16h	<b>OR2000604</b>	
ORFS 11/16"-16h	<b>OR2000606</b>	
ORFS 13/16"-16h	<b>OR2000806</b>	
ORFS 13/16"-16h	<b>OR2000808</b>	
ORFS 1"-14h	<b>OR2001008</b>	
ORFS 1"-14h	<b>OR2001010</b>	
ORFS 1" 3/16-12h	<b>OR2001210</b>	
ORFS 1"3/16-12h	<b>OR2001212</b>	
ORFS 1"7/16-12h	<b>OR2001612</b>	
ORFS 1"7/16-12h	<b>OR2001616</b>	
ORFS 1"11/16-12h	<b>OR2002016</b>	
ORFS 1"11/16-12h	<b>OR2002020</b>	
ORFS 2"-12h	<b>OR2002424</b>	

## Adaptador hembra giratoria ORFS-macho ORFS



**Femelle tournante ORFS-mâle ORFS**  
**ORFS Swivel female-ORFS Male**  
**Adattatore femmina girevole ORFS-maschio ORFS**

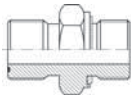
ROSCA THREAD	REFERENCIA PART N°	€
ORFS 11/16"-16h	<b>OR3010604</b>	
ORFS 13/16"-16h	<b>OR3010804</b>	
ORFS 13/16"-16h	<b>OR3010806</b>	
ORFS 1"-14h	<b>OR3011004</b>	
ORFS 1"-14h	<b>OR3011008</b>	
ORFS 1" 3/16-12h	<b>OR3011206</b>	
ORFS 1"3/16-12h	<b>OR3011208</b>	
ORFS 1"3/16-12h	<b>OR3011210</b>	
ORFS 1"7/16-12h	<b>OR3011608</b>	
ORFS 1"7/16-12h	<b>OR3011610</b>	
ORFS 1"11/16-12h	<b>OR3012012</b>	
ORFS 1"11/16-12h	<b>OR3012016</b>	

## Accesorios ORFS

Accessoires ORFS  
ORFS  
ORFS

Adaptors

### Adaptador macho ORFS-BSP

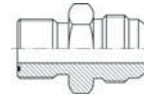


Mâle ORFS-BSP  
ORFS-BSP Male

Adattatore maschio ORFS-BSP

ROSCA THREAD		REFERENCIA PART N°	€
ORFS 9/16"-18h	BSP 1/8"	OR2020402	
ORFS 9/16"-18h	BSP 1/4"	OR2020404	
ORFS 11/16"-16h	BSP 1/4"	OR2020604	
ORFS 11/16"-16h	BSP 3/8"	OR2020606	
ORFS 13/16"-16h	BSP 3/8"	OR2020806	
ORFS 13/16"-16h	BSP 1/2"	OR2020808	
ORFS 1"-14h	BSP 1/2"	OR2021008	
ORFS 1"3/16-12h	BSP 3/4"	OR2021212	
ORFS 1"7/16-12h	BSP 1"	OR2021616	
ORFS 1"11/16-12h	BSP 1"1/4	OR2022020	
ORFS 2"-12h	BSP 1"1/2	OR2022424	

### Adaptador macho ORFS-JIC



Mâle ORFS-JIC  
ORFS-JIC Male

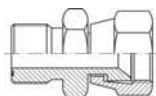
Adattatore maschio ORFS-JIC

ROSCA THREAD		REFERENCIA PART N°	€
ORFS 9/16"-18h	JIC 7/16"	OR2040404	
ORFS 11/16"-16h	JIC 9/16"	OR2040606	
ORFS 13/16"-16h	JIC 3/4"	OR2040808	
ORFS 1"-14h	JIC 7/8"	OR2041010	
ORFS 1"3/16-12h	JIC 1"1/16	OR2041212	
ORFS 1"7/16-12h	JIC 1"5/16	OR2041616	

ORFS

Quick-release couplings

### Adaptador macho ORFS-hembra giratoria JIC



Mâle ORFS-femelle tournante JIC  
ORFS Male-JIC Swivel female

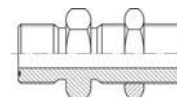
Adattatore maschio ORFS-femmina girevole JIC

ROSCA THREAD		REFERENCIA PART N°	€
ORFS 9/16"-18h	JIC 7/16"	OR3020404	
ORFS 11/16"-16h	JIC 9/16"	OR3020606	
ORFS 13/16"-16h	JIC 3/4"	OR3020808	
ORFS 1"-14h	JIC 7/8"	OR3021010	
ORFS 1"3/16-12h	JIC 1"1/16	OR3021212	
ORFS 1"7/16-12h	JIC 1"5/16	OR3021616	
ORFS 1"11/16-12h	JIC 1"5/8	OR3022020	
ORFS 2"-12h	JIC 1"7/8	OR3022424	

Ball valves, diverters

Protections

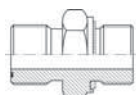
### Pasatabiques ORFS



Passe-cloison ORFS  
ORFS Bulkhead  
Passaparete ORFS

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
5	ORFS 9/16"-18h	OR1060404	
6,5	ORFS 11/16"-16h	OR1060606	
9,5	ORFS 13/16"-16h	OR1060808	
12,5	ORFS 1"-14h	OR1061010	
16,5	ORFS 1"3/16-12h	OR1061212	
20,5	ORFS 1"7/16-12h	OR1061616	
26	ORFS 1"11/16-12h	OR1062020	
32	ORFS 2"-12h	OR1062424	

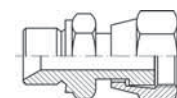
### Macho ORFS-Métrico



Mâle ORFS Métrique  
Metric ORFS Male  
Maschio ORFS Metrico

ROSCA THREAD		REFERENCIA PART N°	€
ORFS 9/16"-18h	M12x1.5	OR10170412	
ORFS 11/16"-16h	M14x1.5	OR10170614	
ORFS 11/16"-16h	M16x1.5	OR10170616	
ORFS 13/16"-16h	M18x1.5	OR10170818	
ORFS 1"-14h	M22x1.5	OR10171022	
ORFS 1"7/16-12h	M33x2	OR10171633	
ORFS 1"11/16-12h	M42x2	OR10172042	
ORFS 2"-12h	M48x2	OR10172448	

### Racor Recto M BSP - TL ORFS



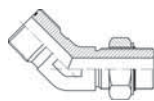
Mâle BSP-femelle tournante ORFS  
BSP male - ORFS swivel female  
Adattatore maschio BSP - femmina girevole ORFS

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€	
4,2	1/8" BSP	ORFS 9/16" - 18h	OR3030402	8,42
4,2	1/4" BSP	ORFS 9/16" - 18h	OR3030404	
5	1/4" BSP	ORFS 11/16" - 16h	OR3030604	
6,5	3/8" BSP	ORFS 11/16" - 16h	OR3030606	
7,8	3/8" BSP	ORFS 13/16" - 16h	OR3030806	
9	1/2" BSP	ORFS 13/16" - 16h	OR3030808	
11,5	1/2" BSP	ORFS 1" - 14h	OR3031008	
14	3/4" BSP	ORFS 1"3/16 - 12h	OR3031212	
20	1" BSP	ORFS 1"7/16 - 12h	OR3031616	
25	1"1/4 BSP	ORFS 1"11/16 - 12h	OR3032020	
32	1"1/2 BSP	ORFS 2" - 12h	OR3032424	

# Accesorios ORFS

Accessoires ORFS  
ORFS  
ORFS

## Codo 45° regulable ORFS-BSP



**Coude 45° mâle ORFS-mâle gaz cyl. +o'ring**  
**Adjustable 45° elbow ORFS male-BSP male**  
**Raccordo a 45° orientabile ORFS-BSP**

ROSCA THREAD		REFERENCIA PART N°	€
ORFS 9/16"-18h	BSP 1/8"	<b>OR5010402</b>	
ORFS 9/16"-18h	BSP 1/4"	<b>OR5010404</b>	
ORFS 11/16"-16h	BSP 1/4"	<b>OR5010604</b>	
ORFS 11/16"-16h	BSP 3/8"	<b>OR5010606</b>	
ORFS 11/16"-16h	BSP 1/2"	<b>OR5010608</b>	
ORFS 13/16"-16h	BSP 3/8"	<b>OR5010806</b>	
ORFS 1"-14h	BSP 1/2"	<b>OR5011008</b>	
ORFS 1"-14h	BSP 3/4"	<b>OR5011012</b>	
ORFS 1"3/16-12h	BSP 3/4"	<b>OR5011212</b>	
ORFS 1"3/16-12h	BSP 1"	<b>OR5011216</b>	
ORFS 1"7/16-12h	BSP 1"	<b>OR5011616</b>	

## Codo 45° macho ORFS-hembra giratoria ORFS



**Coude 45° mâle ORFS-femelle tournante ORFS**  
**45° elbow ORFS swivel female-ORFS male**  
**Raccordo a 45° maschio-femmina girevole ORFS**

ROSCA THREAD		REFERENCIA PART N°	€
ORFS 9/16"-18h	ORFS 9/16"-18h	<b>OR6010404</b>	
ORFS 11/16"-16h	ORFS 11/16"-16h	<b>OR6010606</b>	
ORFS 13/16"-16h	ORFS 13/16"-16h	<b>OR6010808</b>	
ORFS 1"-14h	ORFS 1"-14h	<b>OR6011010</b>	
ORFS 1"3/16-12h	ORFS 1"3/16-12h	<b>OR6011212</b>	
ORFS 1"7/16-12h	ORFS 1"7/16-12h	<b>OR6011616</b>	
ORFS 1"11/16	ORFS 1"11/16	<b>OR6012020</b>	
ORFS 2"-12h	ORFS 2"-12h	<b>OR6012424</b>	

## Codo 90° ORFS-ORFS



**Coude 90° mâle ORFS-mâle ORFS**  
**90° Elbow ORFS male-ORFS male**  
**Raccordo a 90° ORFS-ORFS**

ROSCA THREAD		REFERENCIA PART N°	€
ORFS 9/16"-18h	ORFS 9/16"-18h	<b>OR4050404</b>	
ORFS 11/16"-16h	ORFS 11/16"-16h	<b>OR4050606</b>	
ORFS 13/16"-16h	ORFS 13/16"-16h	<b>OR4050808</b>	
ORFS 1"-14h	ORFS 1"-14h	<b>OR4051010</b>	
ORFS 1"3/16-12h	ORFS 1"3/16-12h	<b>OR4051212</b>	
ORFS 1"7/16-12h	ORFS 1"7/16-12h	<b>OR4051616</b>	
ORFS 1"11/16-12h	ORFS 1"11/16-12h	<b>OR4052020</b>	
ORFS 2"-12h	ORFS 2"-12h	<b>OR4052424</b>	

## Codo 90° pasatabique ORFS



**Coude 90° passe-cloison ORFS**  
**90° Elbow ORFS Bulkhead**  
**Raccordo a 90° passaparete ORFS**

ROSCA THREAD		REFERENCIA PART N°	€
ORFS 9/16"-18h	ORFS 9/16"-18h	<b>OR4030404</b>	
ORFS 11/16"-16h	ORFS 11/16"-16h	<b>OR4030606</b>	
ORFS 1"-14h	ORFS 1"-14h	<b>OR4031010</b>	
ORFS 1"3/16-12h	ORFS 1"3/16-12h	<b>OR4031212</b>	
ORFS 1"7/16-12h	ORFS 1"7/16-12h	<b>OR4031616</b>	
ORFS 1"11/16-12h	ORFS 1"11/16-12h	<b>OR4032020</b>	
ORFS 2"-12h	ORFS 2"-12h	<b>OR4032424</b>	

## Codo 90° regulable ORFS-BSP



**Coude 90° mâle ORFS + mâle gaz cyl. +o'ring**  
**Adjustable 90° elbow ORFS male -BSP male**  
**Raccordo a 90° regolabile ORFS-BSP**

ROSCA THREAD		REFERENCIA PART N°	€
ORFS 9/16"-18h	BSP 1/8"	<b>OR4010402</b>	
ORFS 9/16"-18h	BSP 1/4"	<b>OR4010404</b>	
ORFS 9/16"-18h	BSP 3/8"	<b>OR4010406</b>	
ORFS 11/16"-16h	BSP 1/4"	<b>OR4010604</b>	
ORFS 11/16"-16h	BSP 3/8"	<b>OR4010606</b>	
ORFS 13/16"-16h	BSP 1/4"	<b>OR4010804</b>	
ORFS 13/16"-16h	BSP 1/2"	<b>OR4010808</b>	
ORFS 1"-14h	BSP 3/8"	<b>OR4011006</b>	
ORFS 1"-14h	BSP 1/2"	<b>OR4011008</b>	
ORFS 1"3/16-12h	BSP 1/2"	<b>OR4011208</b>	
ORFS 1"3/16-12h	BSP 3/4"	<b>OR4011212</b>	
ORFS 1"3/16-12h	BSP 1"	<b>OR4011216</b>	
ORFS 1"7/16-12h	BSP 1"	<b>OR4011616</b>	
ORFS 1"7/16-12h	BSP 1" 1/4	<b>OR4011620</b>	
ORFS 1"11/16-12h	BSP 1"	<b>OR4012016</b>	
ORFS 1"11/16-12h	BSP 1"1/4	<b>OR4012020</b>	
ORFS 2"-12h	BSP 1"1/2	<b>OR4012424</b>	

## Codo 90° macho-hembra giratoria ORFS



**Coude 90° femelle tournante-mâle ORFS**  
**90° Elbow ORFS Swivel female-ORFS male**  
**Raccordo a 90° maschio-femmina girevole ORFS**

ROSCA THREAD		REFERENCIA PART N°	€
ORFS 9/16"-18h	ORFS 9/16"-18h	<b>OR6000404</b>	
ORFS 11/16"-16h	ORFS 11/16"-16h	<b>OR6000606</b>	
ORFS 13/16"-16h	ORFS 13/16"-16h	<b>OR6000808</b>	
ORFS 1"-14h	ORFS 1"-14h	<b>OR6001010</b>	
ORFS 1"3/16-12h	ORFS 1"3/16-12h	<b>OR6001212</b>	
ORFS 1"7/16-12h	ORFS 1"7/16-12h	<b>OR6001616</b>	
ORFS 1"11/16-12h	ORFS 1"11/16-12h	<b>OR6002020</b>	

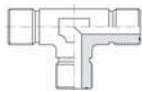


## Accesorios ORFS

Accessoires ORFS  
ORFS  
ORFS

Adaptors

### Te Macho ORFS



Té égal mâle ORFS

Tee ORFS male

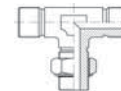
Raccordo a T maschio ORFS

ROSCA THREAD	REFERENCIA PART N°	€
ORFS 9/16"-18h	<b>OR7000404</b>	
ORFS 11/16"-16h	<b>OR7000606</b>	
ORFS 13/16"-16h	<b>OR7000808</b>	
ORFS 1"-14h	<b>OR7001010</b>	
ORFS 1"3/16-12h	<b>OR7001212</b>	
ORFS 1"7/16-12h	<b>OR7001616</b>	
ORFS 1"11/16-12h	<b>OR7002020</b>	
ORFS 2"-12h	<b>OR7002424</b>	

ORFS

Quick-release  
couplings

### Te Regulable ORFS-BSP Central



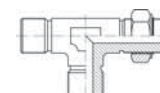
Té mâle ORFS-mâle ORFS-mâle gaz cyl+or+jo+bae central

Central Tee ORFS male-ORFS male adjustable-BSP male

Raccordo a T orientabile ORFS BSP centrale

ROSCA THREAD		REFERENCIA PART N°	€
ORFS 9/16"-18h	BSP 1/8"	<b>OR7030402</b>	
ORFS 9/16"-18h	BSP 1/4"	<b>OR7030404</b>	
ORFS 11/16"-16h	BSP 1/4"	<b>OR7030604</b>	
ORFS 11/16"-16h	BSP 3/8"	<b>OR7030606</b>	
ORFS 13/16"-16h	BSP 3/8"	<b>OR7030806</b>	
ORFS 1"-14h	BSP 1/2"	<b>OR7031008</b>	
ORFS 1"-14h	BSP 3/4"	<b>OR7031012</b>	
ORFS 1"3/16-12h	BSP 3/4"	<b>OR7031212</b>	
ORFS 1"7/16-12h	BSP 1"	<b>OR7031616</b>	
ORFS 1"11/16-12h	BSP 1"1/4"	<b>OR7032020</b>	

### Te Regulable ORFS-BSP Lateral



Té mâle ORFS-mâle gaz cyl or+jo+bae+mâleORFS lateral

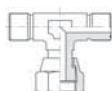
Lateral Tee ORFS male-BSP male adjustable-ORFS male

Raccordo a T orientabile ORFS BSP laterale

ROSCA THREAD		REFERENCIA PART N°	€
ORFS 9/16"-18h	BSP 1/8"	<b>OR7040402</b>	
ORFS 9/16"-18h	BSP 1/4"	<b>OR7040404</b>	
ORFS 11/16"-16h	BSP 1/4"	<b>OR7040604</b>	
ORFS 11/16"-16h	BSP 3/8"	<b>OR7040606</b>	
ORFS 1"-14h	BSP 3/4"	<b>OR7041012</b>	
ORFS 1"11/16-12h	BSP 1"1/4"	<b>OR7042020</b>	
ORFS 2"-12h	BSP 1"1/2"	<b>OR7042424</b>	

Ball valves, diverters

### Te macho-macho-hembra giratoria Central



Té mâle ORFS-mâle ORFS-femelle tournante ORFS

Tee ORFS male-ORFS male-ORFS swivel female

Raccordo a T maschio-maschio-femmina girevole centrale ORFS

ROSCA THREAD	REFERENCIA PART N°	€
ORFS 9/16"-18h	<b>OR7010404</b>	
ORFS 11/16"-16h	<b>OR7010606</b>	
ORFS 13/16"-16h	<b>OR7010808</b>	
ORFS 1"-14h	<b>OR7011010</b>	
ORFS 1"3/16-12h	<b>OR7011212</b>	
ORFS 1"7/16-12h	<b>OR7011616</b>	
ORFS 1"11/16-12h	<b>OR7012020</b>	
ORFS 2"-12h	<b>OR7012424</b>	

Protections

### Te macho-macho-hembra giratoria Lateral



Té mâle ORFS-femelle tournante ORFS-mâle ORFS

Tee ORFS male-ORFS swivel female-ORFS male

Raccordo a T maschio-maschio-femmina girevole laterale ORFS

ROSCA THREAD	REFERENCIA PART N°	€
ORFS 9/16"-18h	<b>OR7020404</b>	
ORFS 11/16"-16h	<b>OR7020606</b>	
ORFS 13/16"-16h	<b>OR7020808</b>	
ORFS 1"-14h	<b>OR7021010</b>	
ORFS 1"3/16-12h	<b>OR7021212</b>	
ORFS 1"7/16-12h	<b>OR7021616</b>	
ORFS 1"11/16-12h	<b>OR7022020</b>	

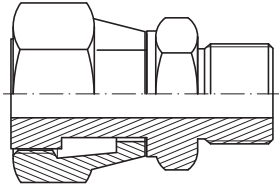


## Artículos bajo consulta

Articles à consulter | Items on request | Articoli su richiesta

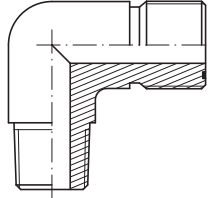
### OR305

**Adaptador hembra giratoria ORFS-macho JIC 37°** | Femelle tournante ORFS-mâle JIC 37° | ORFS Swivel female-JIC 37° male | Adattatore femmina girevole ORFS-maschio JIC 37°



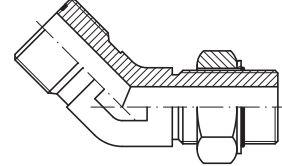
### OR416

**Codo 90° macho ORFS - macho BSPT** | Coude 90° mâle ORFS-mâle BSPT | 90° Elbow ORFS male-BSPT male | Raccordo a 90° maschio ORFS-maschio BSPT



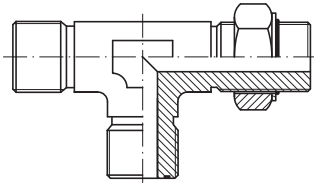
### OR505

**Codo 45° regulable ORFS-UNF** | Coude 45° mâle ORFS-mâle UNF or+jo+bae | Adjustable 45° elbow ORFS male-UNF male | Raccordo a 45° orientabile ORFS-UNF



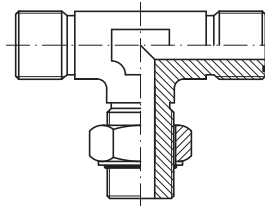
### OR705

**Te Regulable macho ORFS- macho UNF lateral** | Té mâle ORFS-mâleORFS-mâle UNF+or+jo+bae | Tee ORFS male-ORFS male-lateral UNF adjustable male | Raccordo a T orientabile maschio ORFS-UNF laterale



### OR706

**Te Regulable macho ORFS- macho UNF central** | Té mâle ORFS-mâle UNF+or+jo+bae-mâleORFS | Tee ORFS male-central UNF adjustable male-ORFS male | Raccordo a T orientabile maschio ORFS-UNF centrale



# Enchufes rápidos

Coupleurs rapides  
Quick-release couplings  
Innesti rapidi

# 3

Enchufes rápidos	274
Coupleurs rapides   Quick-release couplings   Innessi rapidi	
Enchufes rápidos y llaves de paso <b>TrΔle®</b>	275
Coupleurs rapides et robinets TrΔle®   TrΔle® quick-release couplings and ball valves   Innessi rapidi e rubinetti TrΔle®	
Multienchufe	276
Multi-coupleur   Multi-way coupling   Multinesti	

# Enchufes rápidos

Coupleurs rapides | Quick-release couplings | Innesti rapidi

Adaptors

ORFS

Quick-release couplings

Ball valves, diverters

Protections

## ▶ Enchufes válvula plana | Coupleurs rapides à clapet face plane | Flat face quick release couplings | Innesti a faccia piana 277



A9001/A9002

A9011/A9012

A900...M...P

A9021

A8701/A8702

## ▶ Enchufes punzón | Coupleurs rapides à clapet | Quick release couplings | Innesti a valvola 278



A8001/A8002

A807/A844

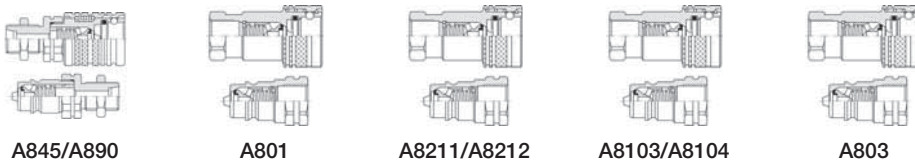
A8101/A8102

A8311/A8312

A84

A80/A84

A8201/A8202



A845/A890

A801

A8211/A8212

A8103/A8104

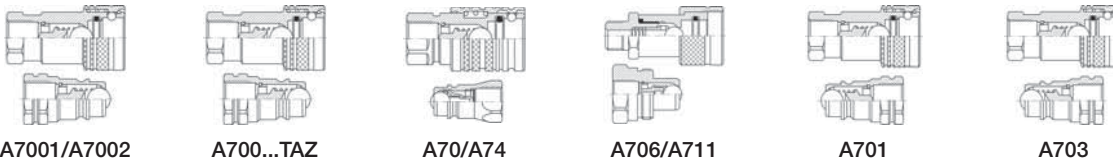
A803

## ▶ Enchufes autoroscantes | Coupleurs rapides à visser | Quick release screw couplings | Innesti a vite 280



A8008/A8009

## ▶ Enchufes de bola | Coupleurs rapides à bille | Quick release couplings ball type | Innesti a sfera 280



A7001/A7002

A700...TAZ

A70/A74

A706/A711

A701

A703

## ▶ Válvulas de frenado | Valves freinage | Brake valves | Valvole di frenaggio 281



A910/A912

A9102

A9501/A9141

A9502

## ▶ Accesorios para enchufes | Accessoires pour coupleurs rapides | Accessories for couplings | Accessori per innesto rapido 282



A9901/A9902

A9911/A9912

A9931/A9932

NBRA

PTFEA

# ▶ Enchufes rápidos y llaves de paso **TrΔle®**

Coupleurs rapides et robinets TrΔle® | TrΔle® quick-release couplings and ball valves | Innesti rapidi e rubinetti TrΔle®

## ▶ **Enchufes punzón** | Coupleurs rapides à clapet | Quick release couplings | Innesti a valvola

283



B8001/B8002      B8101/B8102      B8201/B8202      B8011/B8012

## ▶ **Enchufes válvula plana y válvulas de frenado** | Coupleurs rapides à clapet face plane et valves freinage | Flat face quick release couplings and brake valves | Innesti a faccia piana e valvole di frenaggio

283



B9001/B9002      B910

## ▶ **Llaves de paso** | Robinets | Ball valves | Rubinetto a sfera

284



GB2V      GB2V NPT      GB3V      GB2V...L      GB2V...S      GB3VH

## Multienchufe

Multi-coupleur | Multi-way coupling | Multinesti

Adaptors

- ▶ **Multienchufe 4 vías** | Multi-coupleur 4 voies | Multi-way coupling 4 ways | Multinesti 4 vie

285



MEC4S



MEC4

ORFS

- ▶ **Multienchufe 2 vías** | Multi-coupleur 2 voies | Multi-way coupling 2 ways | Multinesti 2 vie

285



MEC2S



MEC2

Quick-release couplings

- ▶ **Accesorios multienchufe** | Accessoires Multi-coupleur | Multi-way coupling accessories | Accessori per multinesti

285



A930/A940



MEC4

Ball valves, diverters

Protections

## Enchufes rápidos

Coupleurs rapides  
Quick-release couplings  
Innesti rapidi

### E.R. Válvula plana Ecológico (rosca BSP)



Coupleur rapide à clapet face plane "Ecologique" filetage BSP  
BSP Ecological flat face coupling  
Innesto rapido a faccia piana Ecologico BSP

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
6	1/4" BSP	M	A900104	
13	3/8" BSP	M	A900106	
13	1/2" BSP	M	A900108	
20	3/4" BSP	M	A900112	
25	1" BSP	M	A900116	
30	1"1/4 BSP	M	A900120	
39	1" 1/2 BSP	M	A900124	
6	1/4" BSP	F	A900204	
13	3/8" BSP	F	A900206	
13	1/2" BSP	F	A900208	
20	3/4" BSP	F	A900212	
25	1" BSP	F	A900216	
30	1"1/4 BSP	F	A900220	
39	1"1/2 BSP	H	A900224	

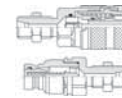
### E.R. Válvula plana Ecológico (rosca NPT)



Coupleur rapide à clapet face plane "Ecologique" filetage NPT  
NPT Ecological flat face coupling  
Innesto rapido a faccia piana Ecologico NPT

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
6	1/4" NPT	M	A901104	
13	3/8" NPT	M	A901106	
13	1/2" NPT	M	A901108	
20	3/4" NPT	M	A901112	
25	1" NPT	M	A901116	
30	1"1/4 NPT	M	A901120	
6	1/4" NPT	F	A901204	
13	3/8" NPT	F	A901206	
13	1/2" NPT	F	A901208	
20	3/4" NPT	F	A901212	
20	1" NPT	F	A901216	
30	1"1/4 NPT	F	A901220	

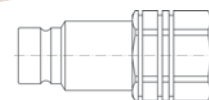
### E.R. Válvula plana pasatabique (rosca Métrica)



Coupleur rapide à clapet face plane passe cloison (filetage Métrique)  
Flat face coupling bulkhead (Metric thread)  
Innesto a faccia piana passaparete (Metrico)

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
6	M16x1.5	M	A9001M16P	
13	M18x1.5	M	A9001M18P	
13	M22X1.5	M	A9001M22P	
20	M26x1.5	M	A9001M26P	
6	M16x1.5	F	A9002M16P	
13	M18x1.5	F	A9002M18P	
13	M22X1.5	F	A9002M22P	
20	M26x1.5	F	A9002M26P	

### E.R. Válvula plana Ecológico acoplamiento en presión

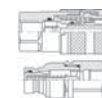


Coupleur rapide à clapet face plane "Ecologique" pression  
Flat face quick release coupling connectable u/pressure  
Innesto rapido a faccia piana Ecologico innestabile in pressione

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
6	1/4" BSP	M	A902104	
10	3/8" BSP	M	A902106	
13	1/2" BSP	M	A902108	
20	3/4" BSP	M	A902112	
25	1" BSP	M	A902116	

Se montan con enchufe hembra A870...//À monter avec coupleur femelle A870...//To assemble with female coupling A870...//Per montare con innesto femmina A870...

### E.R. Válvula plana para martillos



Coupleur rapide à clapet face plane (marteau)  
Flat face quick release coupling inner threads  
Innesto rapido a faccia piana per martelli

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
6	1/4" BSP	M	A870104	
13	3/8" BSP	M	A870106	
13	1/2" BSP	M	A870108	
20	3/4" BSP	M	A870112	
25	1" BSP	M	A870116	
30	1"1/4 BSP	M	A870120	
6	1/4" BSP	F	A870204	
13	3/8" BSP	F	A870206	
13	1/2" BSP	F	A870208	
20	3/4" BSP	F	A870212	
25	1" BSP	F	A870216	
30	1"1/4 BSP	F	A870220	

## Enchufes rápidos

Coupleurs rapides  
Quick-release couplings  
Innesti rapidi

Adaptors

ORFS

Quick-release couplings

Ball valves, diverters

Protections

### E.R. Punzón ISO A



Coupleur rapide à clapet norme ISO A  
ISO A Quick release coupling  
Innesto rapido a valvola ISO A

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
6	1/4" BSP	M	A800104	
10	3/8" BSP	M	A800106	
13	1/2" BSP	M	A800108	
20	3/4" BSP	M	A800112	
25	1" BSP	M	A800116	
30	1"1/4 BSP	M	A800120	
39	1"1/2 BSP	M	A800124	
50	2" BSP	M	A800132	
6	1/4" BSP	F	A800204	
10	3/8" BSP	F	A800206	
13	1/2" BSP	F	A800208	
20	3/4" BSP	F	A800212	
25	1" BSP	F	A800216	
30	1"1/4 BSP	F	A800220	
39	1"1/2 BSP	F	A800224	
50	2" BSP	F	A800232	
13	M22X1.5	M	A802122	
13	M22X1.5	F	A802222	

### E.R. ISO A Paso total



Coupleur rapide à clapet ISO A pass.total  
ISO A Quick release coupling free flow  
Innesto rapido ISO A passaggio libero

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
6	1/4" BSP	M	A831104	
10	3/8" BSP	M	A831106	
13	1/2" BSP	M	A831108	
20	3/4" BSP	M	A831112	
25	1" BSP	M	A831116	
6	1/4" BSP	F	A831204	
10	3/8" BSP	F	A831206	
13	1/2" BSP	F	A831208	
20	3/4" BSP	F	A831212	
25	1" BSP	F	A831216	

### E.R. Punzón ISO A -acoplamiento a presión residual



Coupleur rapide à clapet accouplable sous pression résiduelle  
ISO A Quick release coupling (coupling under residual pressure)  
Innesto rapido a valvole ISO a innestabili in pressione residua

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
13	1/2" BSP	M (Tipo B)	A807108	
13	1/2" BSP	M (Tipo A)	A844108	

### E.R. Punzón ISO B (roscas BSP)



Coupleur rapide à clapet norme ISO B  
ISO B Quick release coupling  
Innesto rapido a valvola ISO B

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
6	1/4" BSP	M	A810104	
10	3/8" BSP	M	A810106	
13	1/2" BSP	M	A810108	
20	3/4" BSP	M	A810112	
25	1" BSP	M	A810116	
6	1/4" BSP	F	A810204	
10	3/8" BSP	F	A810206	
13	1/2" BSP	F	A810208	
20	3/4" BSP	F	A810212	
25	1" BSP	F	A810216	

### E.R. Push-Pull Punzón hembra



Coupleur rapide à clapet type push-pull femelle norme ISO A  
Female Push-Pull Quick release coupling  
Innesto rapido Push-Pull femmina valvola ISO A

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
13	1/2" BSP	F	A840208	
13	1/2" NPT	F	A841208	
13	M22X1.5	F	A842222	
13	3/4" UNF	F	A843234	

### E.R. Push-Pull Punzón macho



Coupleur rapide à clapet type push-pull mâle norme ISO A  
Male Push-Pull Quick release coupling  
Innesto rapido Push-Pull maschio valvola ISO A

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
13	1/2" NPT	M (Tipo A)	A804108	
13	1/2" NPT	M (Tipo A)	A841108	
13	M22X1.5	M (Tipo A)	A842122	
13	1/2" BSP	M (Tipo B)	A840108	
13	3/4" UNF	M (Tipo B)	A843134	
13	1/2" BSP	M (Tipo C)	A805108	
13	1/2" NPT	M (Tipo C)	A806108	



## Enchufes rápidos

Coupleurs rapides  
Quick-release couplings  
Innesti rapidi

### E.R. Punzón Serie NV1 (rosca BSP)



Coupleur rapide à clapet serie NV 1  
Quick release coupling NV1 serie  
Innesto rapido valvola Serie NV1

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
6	1/4" BSP	M	A820104	
10	3/8" BSP	M	A820106	
20	3/4" BSP	M	A820112	
25	1" BSP	M	A820116	
30	1"1/4 BSP	M	A820120	
39	1"1/2 BSP	M	A820124	
50	2" BSP	M	A820132	
6	1/4" BSP	F	A820204	
10	3/8" BSP	F	A820206	
20	3/4" BSP	F	A820212	
25	1" BSP	F	A820216	
30	1"1/4 BSP	F	A820220	
39	1"1/2 BSP	F	A820224	
50	2" BSP	F	A820232	

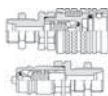
### E.R. Punzón Serie NV1 (rosca NPT)



Coupleur rapide à clapet serie NV 1 NPT  
NPT Quick release couplings NV1 serie  
Innesto rapido a valvola serie NV 1 NPT

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
6	1/4" NPT	M	A821104	
10	3/8" NPT	M	A821106	
13	1/2" NPT	M	A821108	
20	3/4" NPT	M	A821112	
25	1" NPT	M	A821116	
30	1"1/4 NPT	M	A821120	
39	1"1/2 NPT	M	A821124	
50	2" NPT	M	A821132	
6	1/4" NPT	F	A821204	
10	3/8" NPT	F	A821206	
13	1/2" NPT	F	A821208	
20	3/4" NPT	F	A821212	
25	1" NPT	F	A821216	
30	1"1/4 NPT	F	A821220	
39	1"1/2 NPT	F	A821224	
50	2" NPT	F	A821232	

### E.R. John Deere



Coupleur rapide à clapet spécial John Deere  
John Deere Quick release coupling  
Innesto rapido John Deere

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
13	3/4" SAE	M	A845112	
13	3/4" SAE	F	A845212	
13	M18X1.5-12L	M	A89011812	
13	M18X1.5-12L	F	A89021812	

### E.R. Punzón ISO A (rosca NPT)



Coupleur rapide à clapet norme ISO A filetage NPT  
ISO A NPT Quick release coupling  
Innesto rapido a valvola ISO A NPT

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
6	1/4" NPT	M	A801104	
10	3/8" NPT	M	A801106	
13	1/2" NPT	M	A801108	
20	3/4" NPT	M	A801112	
25	1" NPT	M	A801116	
30	1"1/4 NPT	M	A801120	
39	1"1/2 NPT	M	A801124	
50	2" NPT	M	A801132	
6	1/4" NPT	F	A801204	
10	3/8" NPT	F	A801206	
13	1/2" NPT	F	A801208	
20	3/4" NPT	F	A801212	
25	1" NPT	F	A801216	
30	1"1/4 NPT	F	A801220	
39	1"1/2 NPT	F	A801224	
50	2" NPT	F	A801232	

### E.R. Punzón ISO B (rosca NPT)



Coupleur rapide à clapet norme ISO B NPT  
ISO B NPT Quick release couplings  
Innesto rapido a valvola ISO B NPT

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
6	1/4" NPT	M	A810304	
10	3/8" NPT	M	A810306	
13	1/2" NPT	M	A810308	
20	3/4" NPT	M	A810312	
25	1" NPT	M	A810316	
6	1/4" NPT	F	A810404	
10	3/8" NPT	F	A810406	
13	1/2" NPT	F	A810408	
20	3/4" NPT	F	A810412	
25	1" NPT	F	A810416	

### E.R. Punzón ISO A (rosca UNF)



Coupleur rapide à clapet norme ISO A filetage UNF  
ISO A UNF Quick release coupling  
Innesto rapido a valvola ISO B UNF

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
13	3/4" UNF	M	A803112	
13	3/4" UNF	F	A803212	

## Enchufes rápidos

Coupleurs rapides  
Quick-release couplings  
Innesti rapidi

Adaptors

ORFS

Quick-release couplings

Ball valves, diverters

Protections

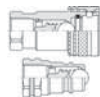
### E.R. Autoroscantes (rosca BSP)



Coupleur rapide à visser taraudage norme DIN forme y filetage BSP  
BSP Quick release screw coupling  
Innesto rapido a vite (BSP)

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
10	1/4" BSP	M	A800804	
10	3/8" BSP	M	A800806	
13	1/2" BSP	M	A800808	
20	3/4" BSP	M	A800812	
25	1" BSP	M	A800816	
10	1/4" BSP	F	A800904	
10	3/8" BSP	F	A800906	
13	1/2" BSP	F	A800908	
20	3/4" BSP	F	A800912	
25	1" BSP	F	A800916	

### E.R. Bola Serie NV (rosca BSP)



Coupleur rapide à bille série NV  
BSP Quick release coupling ball type NV Serie  
Innesto rapido a sfera BSP Serie NV

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
6	1/4" BSP	M	A700104	
10	3/8" BSP	M	A700106	
13	1/2" BSP	M	A700108	
20	3/4" BSP	M	A700112	
25	1" BSP	M	A700116	
6	1/4" BSP	F	A700204	
10	3/8" BSP	F	A700206	
13	1/2" BSP	F	A700208	
20	3/4" BSP	F	A700212	
25	1" BSP	F	A700216	

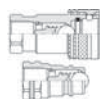
### E.R. Push-Pull bola



Coupleur rapide à bille Type Push-Pull  
Quick release coupling ball type Push-Pull  
Innesto rapido Push-Pull a sfera

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
13	1/2" BSP	M	A704108	
13	1/2" NPT	M	A705108	
13	1/2" BSP	F	A740208	
13	1/2" NPT	F	A741208	
13	3/4" UNF	F	A702212	

### E.R. Bola Tipo Taz (gondolas y semirem.)



Coupleur rapide à bille Type Taz spécial carrières  
Quick release coupling ball type Type Taz (gondolas and semi-tows)  
Innesto rapido a sfera tipo Taz per semirimorchio

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
19	3/4" BSP	M	A700112TAZ	
25	1" BSP	M	A700116TAZ	
19	3/4" BSP	F	A700212TAZ	
25	1" BSP	F	A700216TAZ	

### E.R. Bola altísima presión 700 bar



Coupleur rapide à verrouillage vissé haute pression-700 bar  
Quick release coupling ball type very high pressure (700 bar)  
Innesto rapido a sfera 700 bar

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
10	3/8" BSP	M	A706106	
10	3/8" BSP	F	A706206	
6	1/4" NPT	M	A711104	
10	3/8" NPT	M	A711106	
6	1/4" NPT	F	A711204	
10	3/8" NPT	F	A711206	

## Enchufes rápidos

Coupleurs rapides  
Quick-release couplings  
Innesti rapidi

### E.R. Bola Serie NV (rosca NPT)



Coupleur rapide à bille filetage NPT  
NPT Quick release coupling ball type NV Serie  
Innesto rapido a sfera NPT

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
6	1/4" NPT	M	A701104	
10	3/8" NPT	M	A701106	
13	3/8" NPT	M	A701108	
20	3/4" NPT	M	A701112	
25	1" NPT	M	A701116	
6	1/4" NPT	F	A701204	
10	3/8" NPT	F	A701206	
13	1/2" NPT	F	A701208	
20	3/4" NPT	F	A701212	
25	1" NPT	F	A701216	

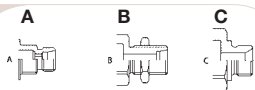
### E.R. Bola Serie NV (rosca UNF)



Coupleur rapide à bille filetage UNF  
UNF Quick release coupling ball type NV Serie  
Innesto rapido a sfera UNF

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
13	3/4" UNF	M	A703112	
13	3/4" UNF	F	A703212	

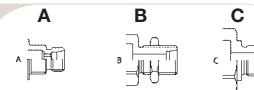
### Válvula de frenado macho



Valve freinage mâle  
Male brake valve  
Valvola di frenaggio maschio

DN	ROSCA THREAD		E. C.	REFERENCIA PART N°	€
13	1/2" BSP	-	M (Tipo C)	A910508	
13	M18X1,5	-	M (Tipo B)	A912118	
13	M20X1,5	-	M (Tipo B)	A912120	
13	M22X1,5	-	M (Tipo B)	A912122	
13	M16x1,5	M20x1,5	M (Tipo A)	A912316	
13	M18x1,5	M20x1,5	M (Tipo A)	A912318	

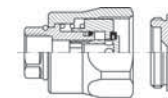
### Válvula agrícola macho



Valve agricole à visser mâle  
Male agricultural valve  
Valvola agricola maschio

DN	ROSCA THREAD		E. C.	REFERENCIA PART N°	€
13	1/2" BSP	-	M (Tipo C)	A950108	
13	M18x1,5	-	M (Tipo B)	A950118	
13	M20x1,5	-	M (Tipo B)	A950120	
13	M22x1,5	-	M (Tipo B)	A950122	
13	M16x1,5	M20x1,5	M (Tipo A)	A9141620	
13	M18x1,5	M20x1,5	M (Tipo A)	A9141820	

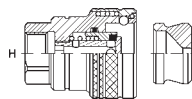
### Válvula agrícola hembra



Valve agricole à visser femelle  
Female agricultural valve  
Valvola agricola femmina

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
13	3/8" BSP	F	A950206	
13	M18X1.5	F	A950218	

### Válvula de frenado hembra



Valve freinage femelle  
Female brake valve  
Valvola di frenaggio femmina

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
13	3/8" BSP	F	A910206	
13	1/2" BSP	F	A910208	
13	M18X1.5	F	A910218	

## Enchufes rápidos

Coupleurs rapides  
Quick-release couplings  
Innesti rapidi

Adaptors

ORFS

Quick-release couplings

Ball valves, diverters

Protections

### Tapones para enchufes rápidos ISO A



Bouchons et capuchons de plastique pour coupleurs norme ISO A  
Plugs for ISO A quick release couplings  
Tappi per ISO A

ROSCA THREAD	E. C.	REFERENCIA PART N°	€
1/4"	Female	A990104	
3/8"	Female	A990106	
1/2"	Female	A990108	
3/4"	Female	A990112	
1"	Female	A990116	
1/4"	Male	A990204	
3/8"	Male	A990206	
1/2"	Male	A990208	
3/4"	Male	A990212	
1"	Male	A990216	

### Tapones para enchufes de válvula plana



Bouchons et capuchons de plastique pour coupleurs face plane  
Plugs for flat face quick release couplings  
Tappi per innesti a faccia piana

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
6	1/4"	Female	A993104	
10	3/8"	Female	A993106	
13	1/2"	Female	A993108	
20	3/4"	Female	A993112	
6	1/4"	Male	A993204	
10	3/8"	Male	A993206	
13	1/2"	Male	A993208	
20	3/4"	Male	A993212	

### Juego de juntas de reparación e.r. ISO A



Jeu de joints pour coupleur ISO A  
Kit of seals to repair for ISO A quick release coupling  
Guarnizioni per innesto ISO A

ROSCA THREAD	REFERENCIA PART N°	€
1/4" BSP	NBRA04	
3/8" BSP	NBRA06	
1/2" BSP	NBRA08	
3/4" BSP	NBRA12	
1" BSP	NBRA16	

### Tapones para enchufes ISO B



Bouchons et capuchons de plastique pour coupleurs ISO B  
Caps and plugs for ISO B quick release coupling  
Tappi per ISO B

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
6	1/4"	Female	A991104	
10	3/8"	Female	A991106	
10	1/2"	Female	A991108	
6	1/4"	Male	A991204	
13	3/8"	Male	A991206	
13	1/2"	Male	A991208	

### Arandelas PTFE



Rondelles PTFE  
PTFE seals  
Rondelle a PTFE

ROSCA THREAD	REFERENCIA PART N°	€
1/4" BSP	PTFEA04	
3/8" BSP	PTFEA06	
1/2" BSP	PTFEA08	
3/4" BSP	PTFEA12	
1" BSP	PTFEA16	

## Enchufes rápidos y llaves de paso TrΔle®

Coupleurs rapides et robinets TrΔle®

TrΔle® quick-release couplings and ball valves

Innesti rapidi e rubinetti TrΔle®

### E.R. Punzón ISO A



Coupleur rapide à clapet norme ISO A  
ISO A Quick release coupling  
Innesto rapido a valvola ISO A (BSP)

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
6	1/4" BSP	M	B800104	
10	3/8" BSP	M	B800106	
13	1/2" BSP	M	B800108	
20	3/4" BSP	M	B800112	
25	1" BSP	M	B800116	
6	1/4" BSP	F	B800204	
10	3/8" BSP	F	B800206	
13	1/2" BSP	F	B800208	
20	3/4" BSP	F	B800212	
25	1" BSP	F	B800216	

### E.R. Punzón Serie NV1



Coupleur rapide à clapet serie NV 1  
Quick release coupling NV1 serie  
Innesto rapido valvola Serie NV1

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
6	1/4" BSP	M	B820104	
10	3/8" BSP	M	B820106	
20	3/4" BSP	M	B820112	
25	1" BSP	M	B820116	
6	1/4" BSP	F	B820204	
6	3/8" BSP	F	B820206	
20	3/4" BSP	F	B820212	
25	1" BSP	F	B820216	

1/2" IDEM ISO A (B800108/B800208)/1/2" IDEM ISO A (B800108/B800208)/1/2" IDEM ISO A (B800108/B800208)/1/2" IDEM ISO A (B800108/B800208)

### E.R. Punzón ISO B



Coupleur rapide à clapet norme ISO B  
ISO B Quick release coupling  
Innesto rapido a valvola ISO B

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
6	1/4" BSP	M	B810104	
10	3/8" BSP	M	B810106	
13	1/2" BSP	M	B810108	
20	3/4" BSP	M	B810112	
25	1" BSP	M	B810116	
6	1/4" BSP	F	B810204	
10	3/8" BSP	F	B810206	
13	1/2" BSP	F	B810208	
20	3/4" BSP	F	B810212	
25	1" BSP	F	B810216	

### E.R. Punzón ISO A (rosca NPT)



Coupleur rapide à clapet ISO A NPT  
ISO A quick release coupling NPT  
Innesto rapido valvola ISO A NPT

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
6	1/4" NPT	M	B801104	
10	3/8" NPT	M	B801106	
13	1/2" NPT	M	B801108	
20	3/4" NPT	M	B801112	
25	1" NPT	M	B801116	
6	1/4" NPT	F	B801204	
10	3/8" NPT	F	B801206	
13	1/2" NPT	F	B801208	
20	3/4" NPT	F	B801212	
25	1" NPT	F	B801216	

### E.R. Válvula plana Ecológico



Coupleur rapide à clapet face plane "Ecologique"  
Ecological flat face coupling  
Innesto rapido a faccia piana Ecologico

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
6	1/4" BSP	M	B900104	
13	3/8" BSP	M	B900106	
20	1/2" BSP	M	B900108	
25	3/4" BSP	M	B900112	
25	1" BSP	M	B900116	
6	1/4" BSP	F	B900204	
13	3/8" BSP	F	B900206	
20	1/2" BSP	F	B900208	
25	3/4" BSP	F	B900212	
25	1" BSP	F	B900216	

### Válvulas de frenado



Valves freinage  
Brake valves  
Valvole di frenaggio

DN	ROSCA THREAD	E. C.	REFERENCIA PART N°	€
13	1/2" BSP	M (TIPO C)	B910508	
13	1/2" BSP	F	B910208	

## Enchufes rápidos y llaves de paso TrAle®

Coupleurs rapides et robinets TrAle®

TrAle® quick-release couplings and ball valves

Innesti rapidi e rubinetti TrAle®

### Llaves paso dos vías hembra BSP con agujeros



Robinet 2 voies boisseau sphérique BSP avec trous de fixation  
2 way ball valves BSP female with fixing holes  
Rubinetto a due vie con fori di fissaggio

DN	ROSCA THREAD	REFERENCIA PART N°	€
6	1/4" BSP	GB2V 1/4	
10	3/8" BSP	GB2V 3/8	
13	1/2" BSP	GB2V 1/2	
20	3/4" BSP	GB2V 3/4	
25	1" BSP	GB2V 1	

### Llave 2 vías tubo rígido Serie Ligera



Robinet haute pression 2 voies boisseau sphérique sortie pour tube rigide DIN Série Légère  
2 Ways ball valve: tube connection Serie Light  
Rubinetto a sfera maschio DIN 2353 Serie L

DN	TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4	6L	M12x1.5	GB2V 6 L	
6	8L	M14x1.5	GB2V 8 L	
8	10L	M16x1.5	GB2V 10 L	
10	12L	M18x1.5	GB2V 12 L	
13	15L	M22x1.5	GB2V 15 L	
16	18L	M26x1.5	GB2V 18 L	
20	22L	M30x2	GB2V 22 L	
25	28L	M36x2	GB2V 28 L	

### Llave 2 vías rosca hembra NPT



Robinet haute pression 2 voies boisseau sphérique sortie femelle briggs (NPT)  
2 Ways ball valve NPT female  
Rubinetto a sfera 2 vie femmina NPT

ROSCA THREAD	REFERENCIA PART N°	€
1/4" NPT	GB2V 1/4 NPT	
1/2" NPT	GB2V 1/2 NPT	
3/8" NPT	GB2V 3/8 NPT	
3/4" NPT	GB2V 3/4 NPT	
1" NPT	GB2V 1 NPT	

### Llave 2 vías tubo rígido Serie Pesada



Robinet haute pression 2 voies boisseau sphérique sortie pour tube rigide din Série Lourde  
2 Ways ball valve: tube connection Serie Heavy  
Rubinetto a sfera maschio DIN Serie S

DN	TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4	8S	M16x1.5	GB2V 8 S	
6	10S	M18x1.5	GB2V 10 S	
8	12S	M20x1.5	GB2V 12 S	
13	16S	M24x1.5	GB2V 16 S	
16	20S	M30x2	GB2V 20 S	
20	25S	M36x2	GB2V 25 S	
25	30S	M42x2	GB2V 30 S	

### Llave paso tres vías hembra-macho-hembra



Robinets 3 voies fem.-mâle-fem.  
3 way ball valves female-male-female  
Rubinetto a tre vie fem.-maschio-fem.

DN	ROSCA THREAD	REFERENCIA PART N°	€
6	1/4" BSP	GB3V 1/4	73,08
10	3/8" BSP	GB3V 3/8	
13	1/2" BSP	GB3V 1/2	
20	3/4" BSP	GB3V 3/4	
25	1" BSP	GB3V 1	

Con agujeros de fijación//Avec des trous de montage//With mounting holes//  
Con fori di montaggio

### Llave paso tres vías hembra-hembra-hembra



Robinets 3 voies fem.-fem.-fem.  
3 way ball valves female-female-female  
Rubinetto a tre vie fem.-fem.-fem.

DN	ROSCA THREAD	REFERENCIA PART N°	€
10	3/8" BSP	GB3VH 3/8	
13	1/2" BSP	GB3VH 1/2	
20	3/4" BSP	GB3VH 3/4	



## Multienchufe

Multi-coupleur  
Multi-way coupling  
Multinesti

### Multienchufe 4 vías sin enchufes



Multi-coupleur 4 voies sans connecteur  
Multi-way coupling 4 ways without connector  
Piastra multi-innesti a 4 linee, senza innesti

Descripción Description	Nº VIAS Nº WAYS	REFERENCIA PART N°	€
--	4 ways	<b>MEC4S</b>	
Electrical	4 ways	<b>MEC4SE</b>	

Los Multienchufes eléctricos se suministrarán sin conector//Les Multi-coupleurs électriques seront fournis sans connecteur//The Multi-way electric couplings are supplied without connector//Le piastra multi-innesti elettriche sono fornite senza connettori

### Multienchufe 4 vías con enchufes



Multi-coupleur 4 voies avec connecteur  
Multi-way coupling 4 ways with connector  
Piastra multi-innesti a 4 linee, con innesti

Descripción Description	E. C.	Nº VIAS Nº WAYS	REFERENCIA PART N°	€
--	2 x F 1/2" BSP	4 ways	<b>MEC42H08</b>	
-	2 x M 1/2" BSP	4 ways	<b>MEC42M08</b>	
-	4 x F 1/2" BSP	4 ways	<b>MEC44H08</b>	
-	4 x M 1/2" BSP	4 ways	<b>MEC44M08</b>	
Electrical	4 x M 1/2" BSP	4 ways	<b>MEC44M08E</b>	
Electrical	4 x F 1/2" BSP	4 ways	<b>MEC44H08E</b>	
Electrical	2 x M 1/2" BSP	4 ways	<b>MEC42M08E</b>	
Electrical	2 x F 1/2" BSP	4 ways	<b>MEC42H08E</b>	

Los Multienchufes eléctricos se suministrarán sin conector//Les Multi-coupleurs électriques seront fournis sans connecteur//The Multi-way electric couplings are supplied without connector//Le piastra multi-innesti elettriche sono fornite senza connettori

### Multienchufe 2 vías sin enchufes



Multi-coupleur 2 voies sans connecteur  
Multi-way coupling 2 ways without connector  
Piastra multi-innesti a 2 linee, senza innesti

Descripción Description	E. C.	Nº VIAS Nº WAYS	REFERENCIA PART N°	€
-	-	2 ways	<b>MEC2S</b>	
Electrical	-	2 ways	<b>MEC2SE</b>	

Los Multienchufes eléctricos se suministrarán sin conector//Les Multi-coupleurs électriques seront fournis sans connecteur//The Multi-way electric couplings are supplied without connector//Le piastra multi-innesti elettriche sono fornite senza connettori

### Multienchufe 2 vías con enchufes



Multi-coupleur 2 voies avec connecteur  
Multi-way coupling 2 ways with connector  
Piastra multi-innesti a 2 linee, con innesti

Descripción Description	E. C.	Nº VIAS Nº WAYS	REFERENCIA PART N°	€
-	2 x F 1/2" BSP	2 ways	<b>MEC22H08</b>	
-	2 x M 1/2" BSP	2 ways	<b>MEC22M08</b>	
Electrical	2 x F 1/2" BSP	2 ways	<b>MEC22H08E</b>	
Electrical	2 x M 1/2" BSP	2 ways	<b>MEC22M08E</b>	

Los Multienchufes eléctricos se suministrarán sin conector//Les Multi-coupleurs électriques seront fournis sans connecteur//The Multi-way electric couplings are supplied without connector//Le piastra multi-innesti elettriche sono fornite senza connettori

### Enchufes rápidos



Coupleurs rapides  
Quick-release couplings  
Innesti rapidii

ROSCA THREAD	E. C.	REFERENCIA PART N°	€
F 1/2" BSP	M	<b>A930108</b>	
F 1/2" BSP	F	<b>A930208</b>	
M 1/2" BSP	M	<b>A940108</b>	
M 1/2" BSP	F	<b>A940208</b>	

### Repuestos



Pièces de rechange  
Spare parts  
Pezzi di ricambio

Descripción Description	REFERENCIA PART N°	€
Cover kit	<b>MEC4TP</b>	
Electrical cover kit	<b>MEC4TPEL</b>	
Support plate 4 ways	<b>MEC4CS</b>	
Operating kit multicoupling	<b>MEC4ACC</b>	
Closing kit	<b>MEC4SG</b>	

# Multienchufe

Multi-coupleurs | Multiway couplings | Multinnesti 4 vie

Adaptors

ORFS

Quick-release couplings

Ball valves, diverters

Protections

## Características | Caractéristiques | Characteristics | Caratteristiche

- “Fugas Cero” enchufes ecológicos de caras planas
- Se pueden acoplar y desacoplar en presión
- Cómoda apertura y cierre
- Fácil mantenimiento y limpieza
- Como opción se puede suministrar con acoplamiento eléctrico integrado
- Pas de fuites: coupleurs écologiques face plane
- Ils peuvent s'accoupler / des'accoupler en pression
- Ouverture / fermeture facile
- Entretien / maintenance facile
- En option peut être fourni avec accouplement électrique intégré
- “No leaks” flat face “Ecological” quick couplings
- They can be coupled and uncoupled within pressure
- Handy opening and closing
- Easy to maintain and to clean
- Option: they could be supplied with an electric coupling integrated
- “Zero perdita”, innesto rapido ecologico faccia piana
- Innestabile e disinnestabile in pressione
- Comoda apertura e chiusura
- Facile manutenzione e pulizia
- Opzione: Possibile fornitura con accoppiamento elettrico integrato



**Disponibles con roscas hembra BSP-1/2 o macho BSP-1/2. Se suministran con 2 ó 4 enchufes** | Disponibles avec filetages femelle BSP-1/2 ou mâle BSP-1/2. Ils sont livrés avec 2 ou 4 coupleurs | Available with thread female BSP 1/2 or male BSP 1/2. They are supplied with 2 or 4 couplings | Disponibili con filetti femina BSP 1/2 o maschio BSP 1/2, sono fornibili con 2 o 4 innesti.



## Accesorios | Accessoires | Accessories | Accessori

**Tapa de protección** | Couvercle de protection | Protection cap | Tappo di protezione



**Chapa de sujeción** | Plaque de fixation | Subjection plate | Piastra di sicurezza



**Enchufes repuesto** | Coupleurs de réchange | Spare couplings | Innesti di ricambio



Referencia   Référence Part No.   Codice	Descripción   Descriptione Description   Descrizione
MEC44H08	Multienchufe 4 rosca hembra BSP   Multicoupleur 4 filetage femelle BSP Multi quick coupling 4 thread female BSP   Multinnesto 4 filetto femina BSP
MEC42H08	Multienchufe 2 rosca hembra BSP   Multicoupleur 2 filetage femelle BSP Multi quick coupling 2 thread female BSP   Multinnesto 2 filetto femina BSP
MEC44M08	Multienchufe 4 rosca macho BSP   Multicoupleur 4 filetage mâle BSP Multi quick coupling 4 thread male BSP   Multinnesto 4 filetto maschio BSP
MEC42M08	Multienchufe 2 rosca macho BSP   Multicoupleur 2 filetage mâle BSP Multi quick coupling 2 thread male BSP   Multinnesto 2 filetto maschio BSP

## Accesorios | Accessoires | Accessories | Accessori

Referencia   Référence Part No.   Codice	Descripción   Descriptione Description   Descrizione
MEC4TP	Tapa de protección multienchufes 4 vías   Couvercle de protection multi-coupleurs 4 voies 4 ways multi quick coupling protection cap   Tappo di protezione per multinnesti 4 vie
MEC4CS	Chapa de sujeción multienchufes   Tape de fixation multi-coupleurs Multi quick couplings subjection plate   Piastra di sicurezza per multinnesti 4 vie

## Repuestos | Pieces de réchange | Spare parts | Ricambi

Referencia   Référence Part No.   Codice	Descripción   Descriptione Description   Descrizione
A930108	Enchufe macho - rosca hembra 1/2   Coupleur mâle - filetage femelle 1/2 Male quick coupling - female thread 1/2   Innesto maschio - filetto femina 1/2
A930208	Enchufe hembra - rosca hembra 1/2   Coupleur femelle - filetage femelle 1/2 Female quick coupling - female thread 1/2   Innesto femina - filetto femina 1/2
A940108	Enchufe macho - rosca macho 1/2   Coupleur mâle - filetage mâle 1/2 Male quick coupling - male thread 1/2   Innesto maschio - filetto maschio 1/2
A940208	Enchufe hembra - rosca macho 1/2   Coupleur mâle - filetage femelle 1/2 Male quick coupling - female thread 1/2   Innesto femina - filetto maschio 1/2



# MULTIENCHUFE NUEVO

## “Fugas Cero”/ “Zero Leaks”.



1

Montado con enchufes ecológicos de caras planas antigoteo.

Assembled with ecological quick release couplings flat face anti-drip



2

Disponibles con roscas hembra BSP-1/2 y roscas macho BSP-1/2.

Available with BSP female 1/2 and BSP male threads 1/2



3

Cómoda apertura y cierre.

Easy opening and closing.



4

Fácil mantenimiento y limpieza.

Easy maintenance and cleaning.



5

Modelo más ergonómico.

More ergonomic model.



6

Opción de conexión eléctrica.

Electrical connection on option.

# Llaves paso, desviadores y racores giratorios

Robinets, déviateurs et raccords tournants

Ball valves, diverters and swivel fittings

Rubinetti, deviatori, raccordi girevoli

# 4

Llaves de paso Robinets   Ball valves   Rubinetti a sfera	290
Desviadores Déviateurs   Diverters   Deviatori di flusso	291
Racores giratorios Raccords tournants   Swivel fittings   Raccordi girevoli	292

## Llaves de paso

Robinets | Ball valves | Rubinetti a sfera

Adaptors

### ▶ De 2 vías | Robinets haute pression 2 voies | 2 Ways ball valve | Rubinetti a sfera 2 vie

293



BKH G



BKH L



BKH S



BKH G NPT



BKH L DN



BKH S DN



BKH G DN

ORFS

### ▶ De 3 vías | Robinets haute pression 3 voies | 3 Ways ball valve | Rubinetti a sfera 3 vie

294



BK3 G



3KH G



BK3 G T



A600

Quick-release couplings

### ▶ De 4 vías | Robinets haute pression 4 voies | 4 Ways ball valve | Rubinetti a sfera 4 vie

294



4KH G

Ball valves, diverters

### ▶ Llaves de baja presión | Robinets basse pression | Ball valves low pressure | Rubinetti a sfera bassa pressione

295



BP2V



BP2VA

Protections

# Desviadores

Déviateurs | Diverters | Deviatori di flusso

## ▶ Desviadores manuales | Déviateurs manuels | Manual diverters | Deviatori di flusso manuali

298



D3V



D4V



D6V

Adaptors

ORFS

Quick-release couplings

Ball valves, diverters

Protections

## Racores giratorios

Raccords tournants | Swivel fittings | Raccordi girevoli

Adaptors

### Racores giratorios | Raccords tournants | Swivel fittings | Raccordi girevoli



GGL



GG90

ORFS

Quick-release couplings

Ball valves, diverters

Protections

## Llaves de paso

Robinetts  
Ball valves  
Rubinetti a sfera

### Llave 2 vías rosca hembra BSP con agujeros



Robinet haute pression 2 voies boisseau sphérique BSP avec trous de fixation

**2 Ways ball valve BSP female with holes**  
Rubinetto a sfera femmina-femmina BSP

DN	ROSCA THREAD	REFERENCIA PART N°	€
4	1/8" BSP	BKH G 1/8	
6	1/4" BSP	BKH G 1/4	
10	3/8" BSP	BKH G 3/8	
13	1/2" BSP	BKH G 1/2	
20	3/4" BSP	BKH G 3/4	
25	1" BSP	BKH G 1	
25	1"1/4 BSP	BKH G 1 1/4 DN25	
25	1"1/2 BSP	BKH G 1 1/2 DN25	

### Llave 2 vías rosca hembra NPT



Robinet haute pression 2 voies boisseau sphérique sortie femelle briggs (NPT)

**2 Ways ball valve NPT female**  
Rubinetto a sfera 2 vie femmina NPT

DN	ROSCA THREAD	REFERENCIA PART N°	€
6	1/4" NPT	BKH G 1/4 NPT	
10	3/8" NPT	BKH G 3/8 NPT	
13	1/2" NPT	BKH G 1/2 NPT	
20	3/4" NPT	BKH G 3/4 NPT	
25	1" NPT	BKH G 1 NPT	
32	1"1/4 NPT	BKH G 1 1/4 NPT	
40	1"1/2 NPT	BKH G 1 1/2 NPT	
50	2" NPT	BKH G 2 NPT	

### Llave 2 vías tubo rígido Serie Ligera



Robinet haute pression 2 voies boisseau sphérique sortie pour tube rigide DIN Série Légère

**2 Ways ball valve: tube connection Serie Light**  
Rubinetto a sfera maschio DIN 2353 Serie L

DN	TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4	6L	M12x1.5	BKH 6 L	
6	8L	M14x1.5	BKH 8 L	
8	10L	M16x1.5	BKH 10 L	
10	12L	M18x1.5	BKH 12 L	
13	15L	M22x1.5	BKH 15 L	
16	18L	M26x1.5	BKH 18 L	
20	22L	M30x2	BKH 22 L	
25	28L	M36x2	BKH 28 L	
25/32	35L	M45X2	BKH 35 L	
25/40	42L	M52x2	BKH 42 L	

### Llave 2 vías tubo rígido L paso total



Robinetts haute pression 2 voies boisseau sphérique femelle ISO 228

**Ball-valves: tube conecction L serie DIN 2353 full bore**  
Rubinetto a sfera maschio DIN 2353 -L-

DN	TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
32	35L	M45X2	BKH 35 L DN32	
40	40L	M52x2	BKH 42 L DN40	

### Llave 2 vías tubo rígido S paso total



Robinetts haute pression 2 voies boisseau sphérique métrique Série Lourde passage total

**Ball-valves: tube conecction S serie DIN 2353 full bore**  
Rubinetto a sfera maschio DIN 2353 -S-

DN	TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
32	38S	M52x2	BKH 38 S DN32	

### Llave 2 vías tubo rígido Serie Pesada



Robinet haute pression 2 voies boisseau sphérique sortie pour tube rigide din Série Lourde

**2 Ways ball valve: tube connection Serie Heavy**  
Rubinetto a sfera maschio DIN Serie S

DN	TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4	8S	M16x1.5	BKH 8 S	
6	10S	M18x1.5	BKH 10 S	
8	12S	M20x1.5	BKH 12 S	
10	14S	M22x1.5	BKH 14 S	
13	16S	M24x1.5	BKH 16 S	
16	20S	M30x2	BKH 20 S	
13	20S	M30x2	BKH 20 S DN13	
20	25S	M36x2	BKH 25 S	
25	30S	M42x2	BKH 30 S	

### Llave de paso BSP hembra ISO 228 paso total



Robinetts haute pression 2 voies boisseau sphérique femelle ISO 228

**Ball-valves BSP female ISO 228**  
Rubinetto a sfera femmina BSP ISO228

DN	ROSCA THREAD	REFERENCIA PART N°	€
32	1"1/4 BSP	BKH G 1 1/4 DN32	
40	1"1/2 BSP	BKH G 1 1/2 DN40	
50	2" BSP	BKH G 2 DN50	

## Llaves de paso

Robinets  
Ball valves  
Rubinetti a sfera

Adaptors

ORFS

Quick-release couplings

Ball valves, diverters

Protections

### Llave 3 vías hembra-hembra-hembra BSP (Tipo L)



Robinet haute pression 3 voies série "L" boisseau sphérique femelle-femelle-femelle BSP  
**3 Ways ball valve BSP female-female-female (Type L)**  
Rubinetto a sfera 3 vie femmina (Tipo L)

DN	ROSCA THREAD	REFERENCIA PART N°	€
6	1/4" BSP	BK3 G 1/4	
10	3/8" BSP	BK3 G 3/8	
13	1/2" BSP	BK3 G 1/2	
20	3/4" BSP	BK3 G 3/4	
25	1" BSP	BK3 G 1	

### Llave 3 vías hembra-hembra-hembra BSP (Tipo T)



Robinet haute pression 3 voies série "T" boisseau sphérique femelle-femelle-femelle BSP  
**3 Ways ball valve BSP female-female-female (Type T)**  
Rubinetto a sfera 3 vie femmina (Tipo T)

DN	ROSCA THREAD	REFERENCIA PART N°	€
6	1/4 " BSP	BK3 G 1/4 T	
10	3/8" BSP	BK3 G 3/8 T	
13	1/2" BSP	BK3 G 1/2 T	
20	3/4" BSP	BK3 G 3/4 T	
25	1" BSP	BK3 G 1 T	

### Llave 3 vías hembra multivía (Tipo L)



Robinet haute pression 3 voies série "L" boisseau sphérique femelle gaz  
**Multi-way ball valves female 3 ways (Type L)**  
Rubinetto a sfera 3 vie femmina (Tipo L)

DN	ROSCA THREAD	REFERENCIA PART N°	€
4	1/8" BSP	3KH G 1/8	
6	1/4" BSP	3KH G 1/4	
10	3/8" BSP	3KH G 3/8	
13	1/2" BSP	3KH G 1/2	
20	3/4" BSP	3KH G 3/4	
25	1" BSP	3KH G 1	
25/32	1"1/4 BSP	3KH G 1 1/4	
25/40	1"1/2 BSP	3KH G 1 1/2	

### Llaves especiales 3 vías macho-macho-macho



Robinets spéciaux 3 voies mâle-mâle-mâle  
**Special 3 way valves male-male-male**  
Rubinetti speciali 3 vie maschio-maschio-maschio

ROSCA THREAD	Descripción Description	REFERENCIA PART N°	€
1/2" BSP	3 ways	A60030810	

### Llave 4 vías rosca hembra BSP (Tipo X)



Robinet haute pression 4 voies série "X" boisseau sphérique femelle gaz  
**Multi-way ball valves female 4 ways (Type X)**  
Rubinetto 4 vie femmina BSP (Tipo X)

DN	ROSCA THREAD	REFERENCIA PART N°	€
4	1/8" BSP	4KH G 1/8	
6	1/4" BSP	4KH G 1/4	
10	3/8" BSP	4KH G 3/8	
13	1/2" BSP	4KH G 1/2	
20	3/4" BSP	4KH G 3/4	
25	1" BSP	4KH G 1	
25/32	1"1/4 BSP	4KH G 1 1/4	
25/40	1"1/2 BSP	4KH G 1 1/2	



TIPO L



TIPO T



TIPO X



## Llaves de paso

Robinets  
Ball valves  
Rubinetti a sfera

### Llave de esfera paso total baja presión



Robinet basse pression 2 voies boisseau sphérique passage total pn 16/25

2 Ways ball valve low pressure

Rubinettio a sfera bassa pressione passaggio totale

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
10	1/4" BSP	<b>BP2V14</b>	
10	3/8" BSP	<b>BP2V38</b>	
15	1/2" BSP	<b>BP2V12</b>	
20	3/4" BSP	<b>BP2V34</b>	
25	1" BSP	<b>BP2V1</b>	
32	1"1/4 BSP	<b>BP2V114</b>	
40	1"1/2 BSP	<b>BP2V112</b>	
50	2" BSP	<b>BP2V2</b>	
74	3" BSP	<b>BP2V3</b>	
92	4" BSP	<b>BP2V4</b>	

### Llave de esfera paso total baja presión anti-hielo



Robinet basse pression 2 voies boisseau sphérique passage total pn 25 anti-gel

2 Ways ball valve low pressure non frozen

Rubinettio a sfera, passaggio totale, anti-gelo

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
10	1/4" BSP	<b>BP2VA14</b>	
10	3/8" BSP	<b>BP2VA38</b>	
14,5	1/2" BSP	<b>BP2VA12</b>	
19	3/4" BSP	<b>BP2VA34</b>	
24	1" BSP	<b>BP2VA1</b>	
30	1"1/4 BSP	<b>BP2VA114</b>	
37	1"1/2 BSP	<b>BP2VA112</b>	
47	2" BSP	<b>BP2VA2</b>	
59	2"1/2 BSP	<b>BP2VA212</b>	
70	3" BSP	<b>BP2VA3</b>	
85,5	4" BSP	<b>BP2VA4</b>	

# Llaves de paso

Robinets | Ball valves | Rubinetti a sfera

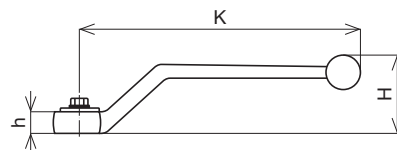
Adaptors

ORFS

Quick-release couplings

Ball valves, diverters

Protections

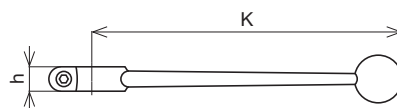


## Manetas | Leviers pour Robinets | Handles for Ball-Valves | Manopole

Para llaves de paso   Pour robinets For ball-valves   Per rubinetti a sfera	SW	Standard zinc   Standard zinc Standard zinc   Standard zinco		Acero   Acier Steel   Acciaio		INOX/SS316L	
		Referencia   Référence Part no.   Codice	€	Referencia   Référence Part no.   Codice	€	Referencia   Référence Part no.   Codice	€
Serie BSP 1/8 - 1/4 - 3/8 - 1/2 - 5/8	9	A60013155330		C600063		Z60013155330	
Serie DIN 6 - 8 - 10 - 12 - 14 - 15 - 16 - 18							
Serie BSP 3/4 - 1 - 1 1/4	14	-		C708618		Z60013155331	
Serie DIN 22 - 25 - 28 - 30 - 35 - 38							
Serie BSP 1 1/4 - 1 1/2 - 2	17	-		-		Z60013155332	
Serie DIN 35 - 38 - 42							

## Solo se suministra en aluminio | Seulement disponible en aluminium | Only supplied in aluminium | Disponibile solo in alluminio

Para llaves de paso   Pour robinets For ball-valves   Per rubinetti a sfera	SW	Referencia   Référence Part no.   Codice	€
Serie BSP 5/8	12	L501741	
Serie DIN 15 - 16 - 18			



## Manetas | Leviers pour Robinets | Handles for Ball-Valves | Manopole

Para llaves de paso   Pour robinets For ball-valves   Per rubinetti a sfera	SW	Zinc   Zinc Zinc   Zinco		Aluminio   Aluminium Aluminum   Alluminio	
		Referencia   Référence Part no.   Codice	€	Referencia   Référence Part no.   Codice	€
Serie BSP 1/8 - 1/4 - 3/8 - 1/2 - 5/8	9	AR603722		-	
Serie DIN 6 - 8 - 10 - 12 - 14 - 15 - 16 - 18					
Serie BSP 3/4 - 1 - 1 1/4	14	A60013155331		LR606745	
Serie DIN 22 - 25 - 28 - 30 - 35 - 38					
Serie BSP 1 1/4 - 1 1/2 - 2	17	-		LR801799	
Serie DIN 35 - 38 - 42					

**Posibilidad de distintos montajes combinados bajo petición.**

**Gama disponible 2 y 3 vías:**

Adaptador HF GAS, HF NPT / Adaptador para tubo serie ligera/pesada

**Possibilité de montages variés avec différentes combinaisons sur demande.**

**Gamme disponible de robinets de 2 et 3 voies :**

Adaptateur Femelle fixe BSP, Femelle fixe NPT / Adaptateur pour tube série légère / lourde

**Possibility of various assemblies with different combinations on request.**

**Available range for 2 and 3 ways ball valves:**

Fixed Female Adaptor BSP, Fixed Female Adaptor NPT / Adaptor for tube light / heavy series

**Possibilità di vari montaggi con diverse combinazioni su richiesta.**

**Gamma disponibile di rubinetti a 2 e 3 vie:**

Adattatori femmina fissa BSP e NPT / Adattatori per tubo rigido serie leggera e pesante

**Macho para tubo serie ligera/pesada**

Mâle pour tube serie légère / lourde

Male for tube light / heavy series

Maschio per tubo serie leggera / serie pesante



**Hembra fija**  
Femelle fixe  
Fixed female  
Femmina fissa

Gas | BSP  
NPT | NPT



**Llaves de paso con candado**

Disponemos de candados de dos tipos para llaves de paso:

**Robinets avec dispositif de verrouillage**

Nous disposons de 2 types de dispositifs de verrouillage pour les robinets :

**Ball valves with locking device**

We have 2 types of locking device for ball valves:

**Rubinetti a sfera con dispositivo di bloccaggio**

Disponiamo di due tipi di dispositivi di bloccaggio:

**Candado tipo 2**

Dispositif de verrouillage type 2

Loking device type 2

Dispositivo di bloccaggio tipo 2



**Candado tipo 4**

Dispositif de verrouillage type 4

Loking device type 4

Dispositivo di bloccaggio tipo 4



## Desviadores

Déviateurs  
Diverter  
Deviatori di flusso

Adaptors

ORFS

Quick-release  
couplings

Ball valves, diverters

Protections

## Desviador de 3 vías rosca hembra BSP



Déviateur manuel 3 voies femelle BSP  
3 Way diverter BSP female  
Deviatore di flusso 3 vie femmina

DN	ROSCA THREAD	REFERENCIA PART N°	€
10	3/8" BSP	D3V38	
13	1/2" BSP	D3V12	
20	3/4" BSP	D3V34	
25	1" BSP	D3V10	

## Desviador de 4 vías



Déviateur manuel 4 voies femelle BSP  
4 Way diverter BSP female  
Deviatore di flusso 4 vie femmina

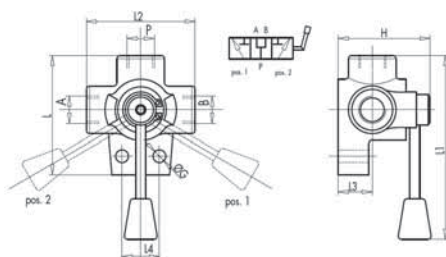
ROSCA THREAD	REFERENCIA PART N°	€
1/2" BSP	D4V12	
3/8" BSP	D4V38	

## Desviador de 6 vías



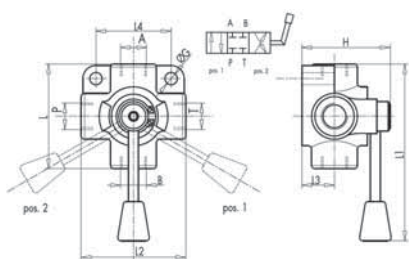
Déviateur manuel 6 voies femelle BSP  
6 Way diverter BSP female  
Deviatore di flusso 6 vie femmina

DN	ROSCA THREAD	REFERENCIA PART N°	€
10	3/8" BSP	D6V38	
13	1/2" BSP	D6V12	



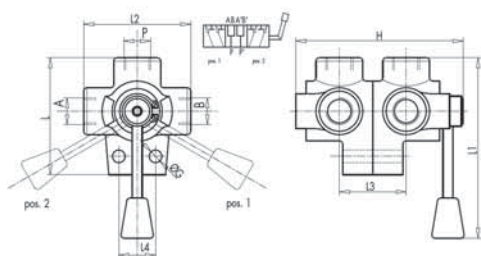
**Desviador de 3 vías. Presión máx. 250 bar** | Vanne agricole 3 voies. Pression max 250 bar | 3 ways flow divider. Max pressure 250 bar | Deviatori di flusso a 3 vie. Pressione max 250 bar

Referencia Part no.	A-B P Gas	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	ØG (mm)	H (mm)
D3V38	3/8	76	140	68	25	26	8,5	67
D3V12	1/2	87	145	80	28	32	8,5	70
D3V34	3/4	103	150	94	30	32	11	78
D3V10	1	105	152	98	30	32	11	82



**Desviador de 4 vías. Presión máx. 250 bar** | Vanne agricole 4 voies. Pression max 250 bar | 4 ways flow divider. Max pressure 250 bar | Deviatori di flusso a 4 vie. Pressione max 250 bar

Referencia Part no.	A-B P-T Gas	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	ØG (mm)	H (mm)
D4V38	3/8	76	140	76	26	54	8,5	72
D4V12	1/2	88	145	88	30	65	8,5	82



**Desviador de 6 vías. Presión máx. 250 bar** | Vanne agricole 6 voies. Pression max 250 bar | 6 ways flow divider. Max pressure 250 bar | Deviatori di flusso a 6 vie. Pressione max 250 bar

Referencia Part no.	A-B P Gas	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	ØG (mm)	H (mm)
D6V38	3/8	76	140	68	45	26	8,5	117
D6V12	1/2	87	145	80	51	32	8,5	125

## Racores giratorios

Raccords tournants

Swivel fittings

Raccordi girevoli

### Racor giratorio recto



Raccord tournant droit

Straight swivel fittings

Raccordo girevole

ROSCA THREAD	REFERENCIA PART N°	€
1/4" BSP	<b>GGL 1/4</b>	
3/8" BSP	<b>GGL 3/8</b>	
1/2" BSP	<b>GGL 1/2</b>	
3/4" BSP	<b>GGL 3/4</b>	
1" BSP	<b>GGL 1</b>	
1"1/4 BSP	<b>GGL 1 1/4</b>	
1"1/2 BSP	<b>GGL 1 1/2</b>	
2" BSP	<b>GGL 2</b>	

### Racor giratorio 90°

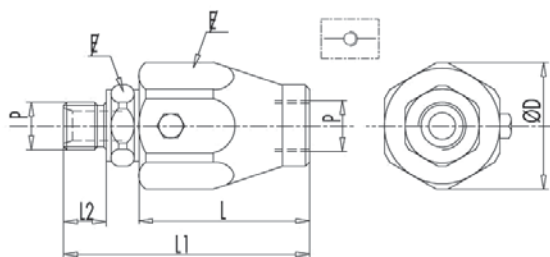


Raccord tournant coude 90°

Elbow 90° swivel fitting

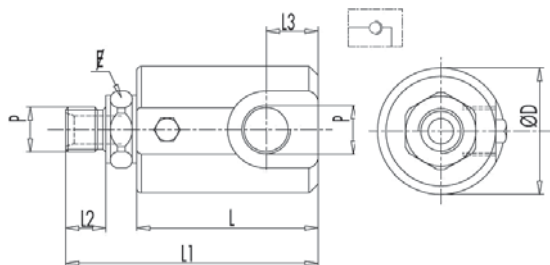
Raccordo girevole a 90°

ROSCA THREAD	REFERENCIA PART N°	€
1/4" BSP	<b>GG90 1/4</b>	
3/8" BSP	<b>GG90 3/8</b>	
1/2" BSP	<b>GG90 1/2</b>	
3/4" BSP	<b>GG90 3/4</b>	
1" BSP	<b>GG90 1</b>	
1"1/4 BSP	<b>GG90 1 1/4</b>	
1"1/2 BSP	<b>GG90 1 1/2</b>	
2" BSP	<b>GG90 2</b>	



### Racor giratorio recto | Raccord tournant droit | In line rotating coupling | Giunti girevoli in linea

Referencia Part no.	P Gas	Caudal máx. Max flow (lt/min)	Velocidad rot. máx. Max rotate speed (turn/min)	Presión máx. en rot. Máx. rotation press (bar)	Presión máx. Máx pressure (bar)	L (mm)	L1 (mm)	L2 (mm)	E (mm)	E1 (mm)	ØD (mm)
GGL 1/4	1/4	25	212	200	400	42	61	11	19	30	33
GGL 3/8	3/8	35	173	200	400	44	66	14	24	34	37
GGL 1/2	1/2	60	160	150	300	47	71	15	27	36	40
GGL 3/4	3/4	100	120	150	300	50	80	19	34	45	49
GGL 1	1	180	100	100	300	57	90	21	41	50	54,5



### Racor giratorio codo 90° | Raccord tournant coude 90° | 90° rotating coupling | Giunti girevoli a 90°

Referencia Part no.	P Gas	Caudal máx. Max flow (lt/min)	Velocidad rot. máx. Max rotate speed (turn/min)	Presión máx. en rot. Máx. rotation press (bar)	Presión máx. Máx pressure (bar)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	E (mm)	ØD (mm)
GG90 1/4	1/4	25	212	200	400	50	69	11	11	19	34
GG90 3/8	3/8	35	173	200	400	54	76	14	13	24	38
GG90 1/2	1/2	60	160	150	300	63	87	15	14	27	40
GG90 3/4	3/4	100	120	150	300	70	100	19	18	34	55
GG90 1	1	180	100	100	300	80	113	21	25	41	60

# Protecciones

Protections/ressorts

Protections

Protezioni



## ▶ Tapones de plástico

Capuchons plastique | Plastic plugs | Tappi di plastica

Adaptors

- ▶ **Tapones hembra para roscas macho** | Capuchons plastique femelle pour filetage mâle | Female plugs for male thread | Tappi femmina per filettature maschio

307



TFG



TFM



TFU

ORFS

- ▶ **Tapones para bridas** | Capuchons plastique de brides SAE | Plugs for flanges | Tappi per flangia

307



TS 3000



TS 6000

Quick-release couplings

- ▶ **Tapones macho para roscas hembra** | Bouchons plastique mâle pour filetage femelle | Male plugs for female thread | Tappi maschio per filettature femmina

308



TMG



TMM



TMU

Ball valves, diverters

- ▶ **Cinta PTFE** | Ruban PTFE | PTFE Tape | Nastro di PTFE

308



M29990

Protections



# Muelles

Ressorts | Springs | Molle

## ▶ Muelles de plástico | Ressorts plastique | Plastic springs | Molla di plastica

309



AMUELLE P

AMUELLE P

AMUELLE P

## ▶ Muelles metálicos | Ressorts métalliques | Metallic springs | Molla metallica

310



AMUELLE

## Protecciones textiles

Protection textile | Textile protection | Protezioni tessili

Adaptors

### ▶ **Protección textil** | Protection textile | Textile protection | Protezioni tessile

311



GT



ABRAZADERA

ORFS

### ▶ **Jitrakor cinta adhesiva** | Jitrakor bande adhesive | Jitrakor adhesive tape | Jitrakor striscia adesiva

311



JITRAKOR

Quick-release couplings

### ▶ **Protección fibra de vidrio y cerámica** | Protection en fibre de verre | Fiberglass protection | Protezione in fibra di vetro

312



AVIDRIO



AVIDRIO S



ACERAMICA



AVIDRIO FA



ROVISIVE



CSVIDRIO

Ball valves, diverters

Protections

▶ **Elementos de fijación de seguridad** | Système de sécurité anti-fouet | Safety fixation elements | Componenti per fune di sicurezza 314



STOPFUDIN  
CONF



STOPFUSAE  
CONF



STOPFA



## Tapones de plástico

Capuchons plastique  
Plastic plugs  
Tappi di plastica

### Tapón plástico hembra rosca BSP



Bouchons plastique femelle - gaz  
Plastic female plug - BSP thread  
Tappo plastica femmina BSP

DN	REFERENCIA PART N°	€
1/8"	TFG 1/8	
1/4"	TFG 1/4	
3/8"	TFG 3/8	
1/2"	TFG 1/2	
5/8"	TFG 5/8	
3/4"	TFG 3/4	
1"	TFG 1	
1"1/4	TFG 1 1/4	
1"1/2	TFG 1 1/2	
2"	TFG 2	

### Tapón plástico hembra rosca Métrica



Bouchons plastique femelle Métriques  
Plastic female plug - Metric thread  
Tappo plastica femmina Metrico

DN	REFERENCIA PART N°	€
12x1.5	TFM 12X1.5	
14x1.5	TFM 14X1.5	
16x1.5	TFM 16X1.5	
18x1.5	TFM 18X1.5	
20x1.5	TFM 20X1.5	
22x1.5	TFM 22X1.5	
24x1.5	TFM 24X1.5	
26x1.5	TFM 26X1.5	
30x2	TFM 30X2	
36x2	TFM 36X2	
42x2	TFM 42X2	
52x2	TFM 52X2	

### Tapón plástico hembra rosca UNF/JIC



Bouchons plastique femelle - JIC-UNF  
Plastic female plug - UNF (JIC) thread  
Tappo plastica femmina UNF/JIC

DN	REFERENCIA PART N°	€
7/16"	TFU 7/16	
1/2"	TFU 1/2	
9/16"	TFU 9/16	
3/4"	TFU 3/4	
7/8"	TFU 7/8	
1"1/16	TFU 1 1/16	
1"5/16	TFU 1 5/16	
1"5/8	TFU 1 5/8	
1"7/8	TFU 1 7/8	

### Tapón plástico para bridas 3000 PSI



Bouchons plastique de brides SAE 3000 PSI  
Plastic plugs for SAE 3000 PSI flanges  
Tappo de plastica per flangia SAE 3000 PSI

DN	REFERENCIA PART N°	€
30,2	TS 3000 1/2	
38,1	TS 3000 3/4	
44,5	TS 3000 1	
50,8	TS 3000 1 1/4	
60,3	TS 3000 1 1/2	
71,4	TS 3000 2	

### Tapón plástico para bridas 6000 PSI



Bouchons plastique de brides SAE 6000 PSI  
Plastic plugs for SAE 6000 PSI flanges  
Tappo de plastica per flangia SAE 6000 PSI

DN	REFERENCIA PART N°	€
31,8	TS 6000 1/2	
41,3	TS 6000 3/4	
47,6	TS 6000 1	
54	TS 6000 1 1/4	
63,5	TS 6000 1 1/2	
79,4	TS 6000 2	

## Tapones de plástico

Capuchons plastique  
Plastic plugs  
Tappi di plastica

Adaptors

ORFS

Quick-release  
couplings

Ball valves, diverters

Protections

### Tapón plástico macho rosca BSP



Bouchons plastique mâle - BSP  
Plastic male plug for BSP thread  
Tappo plastica maschio BSP

DN	REFERENCIA PART N°	€
1/8"	TMG 1/8	
1/4"	TMG 1/4	
3/8"	TMG 3/8	
1/2"	TMG 1/2	
5/8"	TMG 5/8	
3/4"	TMG 3/4	
1"	TMG 1	
1"1/4	TMG 1 1/4	
1"1/2	TMG 1 1/2	
2"	TMG 2	

### Tapón plástico macho rosca Métrica



Bouchons plastique mâle - Métriques  
Plastic male plug for Metric thread  
Tappo plastica maschio Metrico

DN	REFERENCIA PART N°	€
12x1.5	TMM 12X1.5	
14x1.5	TMM 14X1.5	
16x1.5	TMM 16X1.5	
18x1.5	TMM 18X1.5	
20x1.5	TMM 20X1.5	
22x1.5	TMM 22X1.5	
24x1.5	TMM 24X1.5	
26x1.5	TMM 26X1.5	
30x2	TMM 30X2	
36x2	TMM 36X2	
42x2	TMM 42X2	
45x2	TMM 45X2	
52X2	TMM 52X2	

### Tapón plástico macho rosca UNF/JIC



Bouchons plastique mâle - JIC-UNF  
Plastic male plug for UNF (JIC) thread  
Tappo plastica maschio UNF/JIC

DN	REFERENCIA PART N°	€
7/16"	TMU 7/16	
1/2"	TMU 1/2	
9/16"	TMU 9/16	
3/4"	TMU 3/4	
7/8"	TMU 7/8	
1"1/16	TMU 1 1/16	
1"5/16	TMU 1 5/16	
1"5/8	TMU 1 5/8	
1"7/8	TMU 1 7/8	

### Cinta PTFE



Ruban PTFE  
PTFE Tape  
Nastro di PTFE

Descripción Description	REFERENCIA PART N°	€
1 roll	M299900	
10 rolls	M2999010	
200 rolls	M29990200	

# Muelles

Ressorts  
Springs  
Molle

## Muelle de plástico perfil 8x1



Ressort plastique profil 8x1  
Plastic spring profile 8x1  
Molla di plastica 8x1

DN	LONGITUD (M) LENGTH (M)	REFERENCIA PART N°	€
12	50	AMUELLE P12	

## Muelle de plástico perfil 16x1



Ressort plastique profil 16x1  
Plastic spring profile 16x1  
Molla di plastica 16x1

DN	LONGITUD (M) LENGTH (M)	REFERENCIA PART N°	€
15	50	AMUELLE P15	
16	50	AMUELLE P16	
17	50	AMUELLE P17	
18	50	AMUELLE P18	
20	50	AMUELLE P20	
22	50	AMUELLE P22	
25	50	AMUELLE P25	
28	50	AMUELLE P28	
30	50	AMUELLE P30	

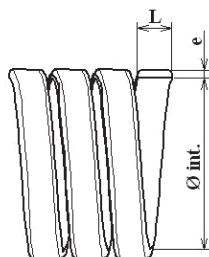
## Muelle de plástico perfil 16x2



Ressort plastique profil 16x2  
Plastic spring profile 16x2  
Molla di plastica 16x2

DN	LONGITUD (M) LENGTH (M)	REFERENCIA PART N°	€
33	20	AMUELLE P33	
35	20	AMUELLE P35	
40	20	AMUELLE P40	
45	20	AMUELLE P45	
50	20	AMUELLE P50	
55	20	AMUELLE P55	
60	20	AMUELLE P60	
70	20	AMUELLE P70	
80	20	AMUELLE P80	

### AMUELLE P15



**Dimensiones de los muelles de plástico:**  
Dimensions des ressorts en plastique:  
Dimensions of the plastic springs:  
Dimensioni della molla di plastica:

**L = 16 mm**  
**e = 1 mm**  
**DN = 15 mm**

## Muelles

Ressorts  
Springs  
Molle

Adaptors

ORFS

Quick-release  
couplings

Ball valves, diverters

Protections

### Muelle metálico plano perfil 5x1



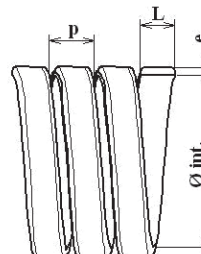
R ressort métallique plat profil 5x1

Flat metallic spring 5x1

Molla in metallo piatta 5x1

DN	REFERENCIA PART N°	€
16	AMUELLE16	
18	AMUELLE18	
20	AMUELLE20	
22	AMUELLE22	
24	AMUELLE24	
26	AMUELLE26	
28	AMUELLE28	
30	AMUELLE30	
32	AMUELLE32	
34	AMUELLE34	
38	AMUELLE38	
40	AMUELLE40	
42	AMUELLE42	
47	AMUELLE47	
52	AMUELLE52	
60	AMUELLE60	
68	AMUELLE68	
72	AMUELLE72	

### AMUELLE 16



#### Dimensiones de los muelles metálicos:

Dimensions des ressorts métalliques plats:

Dimensions of the metallic flat springs:

Dimensioni della molla metallica piatta:

**L = 5 mm**

**e = 1 mm**

**DN = 16 mm**

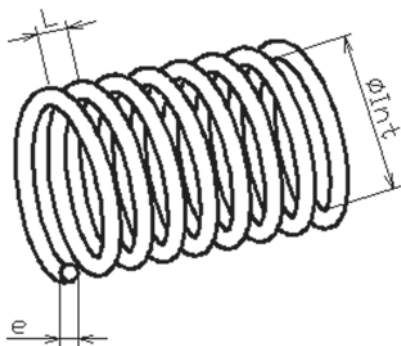
**p = 8 mm**

► **Podemos suministrar muelles metálicos redondos en acero galvanizado bajo plano. Consúltenos**

Nous pouvons fournir des ressorts métalliques ronds en acier galvanisé sur plan. Consultez-nous.

We can supply rounded metallic springs in galvanized steel under drawing. Please, enquire us.

Possiamo fornire molle metalliche rotonde in acciaio galvanizzato su ordine. Richieda.



**Datos necesarios para consultar:** | Données nécessaires pour consulter: | Necessary data to enquire: | Dati necessari per l'ordine:

**L = espacio entre alambres** | place entre fils de fer | space between wires | spazio tra

**e = espesor alambre** | wire thickness | épaisseur | spessore

**Ø = Ø interior del muelle** | Ø int. | Ø int. wire | interno della molla

**Longitud del muelle** | Longueur du ressort | Spring length | Longhezza della molla



## Protecciones textiles

Protection textile  
Textile protection  
Protezioni tessili

### Tubo de protección textil



Gaine de protection textile  
Textile protection tube  
Tubo di protezioni tessile

Ø ext Ø outer	Ø in	L	REFERENCIA PART N°	€
20	18	35	<b>GT35</b>	
22	20	40	<b>GT40</b>	
25	23	45	<b>GT45</b>	
28	26	50	<b>GT50</b>	
32	30	55	<b>GT55</b>	
38	36	65	<b>GT65</b>	
45	43	80	<b>GT80</b>	
70	68	120	<b>GT120</b>	
100	95	150	<b>GT150</b>	



### Accesorios tubo de protección textil



Accessoires pour gaine de protection textile  
Textile protection tube accessories  
Accessori per la protezione dei tessili

Ø int min Ø inner min	Ø int max Ø inner max	REFERENCIA PART N°	€
15	18	<b>ABRAZADERA 15-18</b>	
20	23	<b>ABRAZADERA 20-23</b>	
22	25	<b>ABRAZADERA 22-25</b>	
23	27	<b>ABRAZADERA 23-27</b>	
25	28	<b>ABRAZADERA 25-28</b>	
40	43	<b>ABRAZADERA 40-43</b>	
43	46	<b>ABRAZADERA 43-46</b>	

### Jitrakor cinta adhesiva



Jitrakor bande adhesive  
Jitrakor adhesive tape  
Jitrakor striscia adesiva

L (mm)	Anchura (mm) Width (mm)	REFERENCIA PART N°	€
L 10.000	50	<b>JITRAKOR</b>	

## Protecciones textiles

Protection textile  
Textile protection  
Protezioni tessili

Adaptors

ORFS

Quick-release couplings

Ball valves, diverters

Protections

### Tubo de fibra de vidrio



Gaine de fibre de verre  
Fibreglass tube  
Tubo di fibra di vetro

Ø int min Ø inner min	Ø int max Ø inner max	REFERENCIA PART N°	€
12	15	AVIDRIO 15	
16	18	AVIDRIO 20	
18	22	AVIDRIO 25	
25	28	AVIDRIO 30	
28	32	AVIDRIO 35	
30	35	AVIDRIO 40	
38	42	AVIDRIO 45	
45	48	AVIDRIO 50	
48	52	AVIDRIO 60	
70	72	AVIDRIO 75	

### Tubo de fibra de vidrio saturada



Gaine de fibre de verre saturée  
Saturated fibreglass tube  
Tubo in fibra di vetro saturato

Ø int min Ø inner min	Ø int max Ø inner max	REFERENCIA PART N°	€
1/2"	3/4"	AVIDRIO FA 08	
5/8"	1"	AVIDRIO FA 10	
3/4"	1" 1/4	AVIDRIO FA 12	
1"	1" 3/4	AVIDRIO FA 16	
1" 1/2	2" 1/4	AVIDRIO FA 24	
2" 1/2	4"	AVIDRIO FA 40	

### Tubo de fibra de vidrio siliconado



Gaine de fibre de verre siliconée  
Silicone fibreglass tube  
Tubo di fibra di vetro siliconato

DN	REFERENCIA PART N°	€
12	AVIDRIO S 12	
16	AVIDRIO S 16	
19	AVIDRIO S 19	
25	AVIDRIO S 25	
28	AVIDRIO S 28	
32	AVIDRIO S 32	
38	AVIDRIO S 38	
51	AVIDRIO S 51	
70	AVIDRIO S 70	

### Revestimiento de fibra de vidrio con velcro



Revêtement de fibre de verre avec velcro  
Fiberglass with velcro shield  
Rivestimento di fibra di vetro con velcro

Diametro (mm) Diameter (mm)	REFERENCIA PART N°	€
1" 1/2 / 38 mm	ROVISIVE 24	
2" / 50 mm	ROVISIVE 32	
2" 3/4 - 70 mm	ROVISIVE 44	

### Tubo de fibra cerámica



Gaine de fibre de céramique  
Ceramic fibre tube  
Tubo in fibra di ceramica

DN	REFERENCIA PART N°	€
15	ACERAMICA 15	
20	ACERAMICA 20	
25	ACERAMICA 25	
30	ACERAMICA 30	
40	ACERAMICA 40	
50	ACERAMICA 50	
60	ACERAMICA 60	
70	ACERAMICA 70	

### Cinta silicona



Ruban silicone  
Silicone tape  
Rotolo di Silicone

Anchura Width	Longitud Length	REFERENCIA PART N°	€
25mm	Roll 11m	CSVIDRIO25	
38mm	Roll 11m	CSVIDRIO38	

▶ **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.

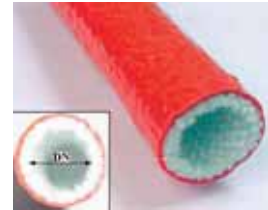


▶ **AVIDRIO S**

**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.



▶ **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 que 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 sound-proofing 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.



## Fijaciones de seguridad

Système de sécurité anti-fouet

Safety fixation

Fune di sicurezza

Adaptors

ORFS

Quick-release couplings

Ball valves, diverters

Protections

### Protección para DIN 2353



Platines de fixation pour DIN 2353

Retaining system to DIN 2353

Elementi di tenuta per DIN 2353

Ø in	REFERENCIA PART N°	€
14.5 mm	STOPFUDIN 145 CONF	
17 mm	STOPFUDIN 17 CONF	
18.5 mm	STOPFUDIN 185 CONF	
20.5 mm	STOPFUDIN 205 CONF	
22.5 mm	STOPFUDIN 225 CONF	
24.5 mm	STOPFUDIN 245 CONF	
26.5 MM	STOPFUDIN 265 CONF	
30.5 mm	STOPFUDIN 305 CONF	
34 mm	STOPFUDIN 34 CONF	
36.5 mm	STOPFUDIN 365 CONF	
42.5 mm	STOPFUDIN 425 CONF	
45.5 mm	STOPFUDIN 455 CONF	
49 mm	STOPFUDIN 49 CONF	
52.5 mm	STOPFUDIN 525 CONF	
60 mm	STOPFUDIN 60 CONF	

Ver página 315//Voir page 315//See page 315//Vedere p. 315

### Protección para bridas



Platines de fixation pour brides

Retaining system for flanges

Protezione per flangie

Ø in	REFERENCIA PART N°	€
8.5 mm	STOPFUSAE 085 CONF	
10.5 mm	STOPFUSAE 105 CONF	
12.5 mm	STOPFUSAE 125 CONF	
14.5 mm	STOPFUSAE 145 CONF	
16.5 mm	STOPFUSAE 165 CONF	
20.5 mm	STOPFUSAE 205 CONF	

Ver página 315//Voir page 315//See page 315//Vedere p. 315

### Abrazaderas



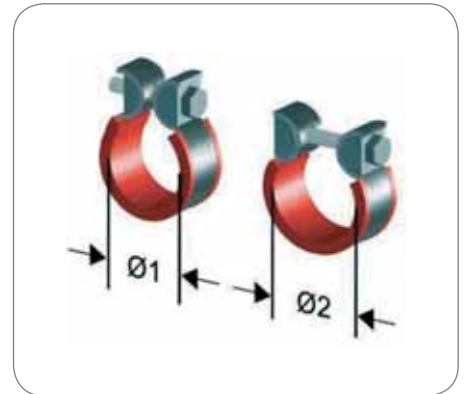
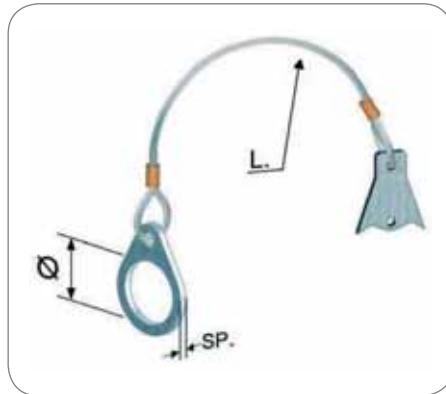
Colliers de fixation stopflex

Fixation clamps

Collari fissaggio

Ø in	REFERENCIA PART N°	€
11-11.5 mm	STOPFA11115	
12-12.5 mm	STOPFA12125	
13-13.5 mm	STOPFA13135	
14-15 mm	STOPFA1415	
16-17 mm	STOPFA1617	
17-18 mm	STOPFA1718	
18-19 mm	STOPFA1819	
20-21 mm	STOPFA2021	
21-22 mm	STOPFA2122	
22-23 mm	STOPFA2223	
24-25 mm	STOPFA2425	
25-26 mm	STOPFA2526	
26-27 mm	STOPFA2627	
27-28 mm	STOPFA2728	
28-29 mm	STOPFA2829	
30-31 mm	STOPFA3031	
32-33 mm	STOPFA3233	
34-35 mm	STOPFA3435	
36-37 mm	STOPFA3637	
38-39 mm	STOPFA3839	
39-40 mm	STOPFA3940	
40-41 mm	STOPFA4041	
42-43 mm	STOPFA4243	
43-44 mm	STOPFA4344	
44-45 mm	STOPFA4445	
45-47 mm	STOPFA4547	
48-50 mm	STOPFA4850	
51-53 mm	STOPFA5153	
53-54 mm	STOPFA5354	
54-56 mm	STOPFA5456	
57-59 mm	STOPFA5759	
60-62 mm	STOPFA6062	
63-64 mm	STOPFA6365	
66-68 mm	STOPFA6668	
69-71 mm	STOPFA6971	
72-74 mm	STOPFA7274	
75-77 mm	STOPFA7577	
78-80 mm	STOPFA7880	
81-83 mm	STOPFA8183	
84-86 mm	STOPFA8486	
87-89 mm	STOPFA8789	
90-92 mm	STOPFA9092	
93-95 mm	STOPFA9395	

Referencia   Référence Part No.   Codice	Ø	SP	Recomendado para   Recommandé pour Recommended for   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





## Tuberías y espirales

Tubes et serpentines  
Pipe and springs  
Tubi e spirali

1

## Racores

Raccords pneumatiques  
Fittings  
Raccordi

2

## Enchufes rápidos neumáticos

Coupleurs pneumatiques  
Quick release couplings  
Innesti rapidi

3

# Tuberías y espirales

Tubes et serpentins

Pipe and springs

Tubi e spirali



# 1

Espirales y tuberías de poliamida y poliuretano

322

Serpentins et tube de polyamide et polyuréthane | Polyamide and polyurethane springs and tube  
| Spirali e tubi in poliammide e poliuretano

## Espirales y tuberías de poliamida y poliuretano

Serpentins et tube de polyamide et polyuréthane | Polyamide and polyurethane springs and tube | Spirali e tubi in poliammide e poliuretano

Pipe

### Tuberías de poliamida y poliuretano | Tubes de polyamide et polyuréthane | Polyamide and polyurethane tubes | Tubi in poliammide e poliuretano 323



POL...NAT



POL...NE



POL...AZ



PUR...AZ

Fittings

### PTFE sin malla | PTFE sans tresse | PTFE without braid | PTFE senza maglia 323



M2950

Quick release couplings

### Espirales de poliamida y poliuretano | Serpentins polyamide y polyuréthane | Polyamide and Polyurethane springs | Spirali in poliammide e poliuretano 324



ESPIRPOL



SPUR



HPUR

## Espirales y tuberías de poliamida y poliuretano

Serpentins et tube de polyamide et polyuréthane

Polyamide and polyurethane springs and tube

Spirali e tubi in poliammide e poliuretano

### Tuberías Poliamida natural



Tubes polyamide naturelle

Natural polyamide pipe

Tubis in Poliammide naturale

TUBO PIPE	LONGITUD (M) LENGTH (M)	REFERENCIA PART N°	€
4x6 mm	25	POL4X6NAT	
6x8 mm	25	POL6X8NAT	
8x10 mm	25	POL8X10NAT	
10x12 mm	25	POL10X12NAT	
4x6 mm	100	POL4X6NAT-100	
6x8 mm	100	POL6X8NAT-100	
8x10 mm	100	POL8X10NAT-100	
10x12 mm	100	POL10X12NAT-100	

### Tuberías Poliamida azul



Tubes polyamide bleu

Blue polyamide pipe

Tubis in Poliammide blu

TUBO PIPE	LONGITUD (M) LENGTH (M)	REFERENCIA PART N°	€
4x6 mm	25	POL4X6AZ	
6x8 mm	25	POL6X8AZ	
8x10 mm	25	POL8X10AZ	
10x12 mm	25	POL10X12AZ	

### Tuberías Poliamida negro



Tubes polyamide noir

Black polyamide pipe

Tubis in Poliammide nero

TUBO PIPE	LONGITUD (M) LENGTH (M)	REFERENCIA PART N°	€
4x6 mm	25	POL4X6NE	
6x8 mm	25	POL6X8NE	
8x10 mm	25	POL8X10NE	
10x12 mm	25	POL10X12NE	
4x6 mm	100	POL4X6NE-100	
6x8 mm	100	POL6X8NE-100	
8x10 mm	100	POL8X10NE-100	
10x12 mm	100	POL10X12NE-100	

### Tuberías Poliuretano azul



Tubes polyuréthane bleu

Blue polyurethane pipe

Tubis in Poliuretano blu

TUBO PIPE	LONGITUD (M) LENGTH (M)	REFERENCIA PART N°	€
2x4 mm	25	PUR2X4AZ	
4x6 mm	25	PUR4X6AZ	
6x8 mm	25	PUR6X8AZ	
8x10 mm	25	PUR8X10AZ	
9x12 mm	25	PUR9X12AZ	
2,5x4 mm	100	PUR2.5X4AZ-100	
4x6 mm	100	PUR4X6AZ-100	
6x8 mm	100	PUR6X8AZ-100	
6,5x10 mm	100	PUR6.5X10AZ-100	
8x12 mm	100	PUR8X12AZ-100	

### PTFE sin malla



PTFE sans tresse

PTFE without braid

PTFE senza maglia

TUBO PIPE	LONGITUD (M) LENGTH (M)	REFERENCIA PART N°	€
2x4	25	M2950204	
4x6	25	M2950406	
6x8	25	M2950608	
2x4	100	M2950204-100	
4x6	100	M2950406-100	
6x8	100	M2950608-100	

\*€/rollo/\*€/rouleau/\*€/roll/\*€/rotolo

## Espirales y tuberías de poliamida y poliuretano

Serpentins et tube de polyamide et polyuréthane  
Polyamide and polyurethane springs and tube  
Spirali e tubi in poliammide e poliuretano

### Espirales poliamida azul



Serpentins polyamide bleu  
Blue polyamide springs  
Spirali poliuretano blu

TUBO PIPE	L. L.	REFERENCIA PART N°	€
4x6 mm	30	<b>ESPIRPOL4X6AZ</b>	
6x8 mm	30	<b>ESPIRPOL6X8AZ</b>	
8x10 mm	30	<b>ESPIRPOL8X10AZ</b>	
10x12 mm	30	<b>ESPIRPOL10X12AZ</b>	

### Espirales poliuretano con racores



Serpentins polyuréthane avec raccords  
Polyurethane springs with fittings  
Spirale poliuretano con raccordi

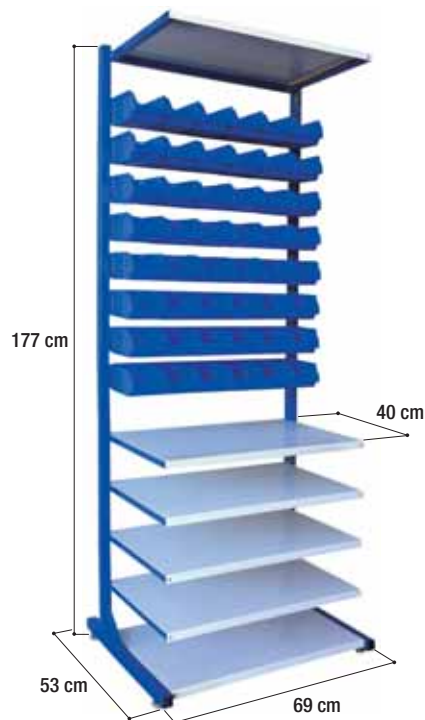
TUBO PIPE	LONGITUD (M) LENGTH (M)	REFERENCIA PART N°	€
4x6 mm	5	<b>HPUR4X6 5</b>	
4x6 mm	7,5	<b>HPUR4X6 7.5</b>	
4x6 mm	10	<b>HPUR4X6 10</b>	
6,5x10 mm	5	<b>HPUR6.5X10 5</b>	
6,5x10 mm	7,5	<b>HPUR6.5X10 7.5</b>	
6,5x10 mm	10	<b>HPUR6.5X10 10</b>	

### Espirales poliuretano sin racores



Serpentins polyuréthane sans raccords  
Polyurethane springs without fittings  
Spirale poliuretano senza raccordi

TUBO PIPE	LONGITUD (M) LENGTH (M)	REFERENCIA PART N°	€
4x6 mm	5	<b>SPUR4X6 5</b>	
4x6 mm	7,5	<b>SPUR4X6 7.5</b>	
4x6 mm	10	<b>SPUR4X6 10</b>	
6,5x10 mm	5	<b>SPUR6.5X10 5</b>	
6,5x10 mm	7,5	<b>SPUR6.5X10 7.5</b>	
6,5x10 mm	10	<b>SPUR6.5X10 10</b>	



## Expositor de neumática

**DICSA** le propone de una forma rápida y fácil incrementar su gama de productos y su línea de negocio con una mínima inversión, introduciéndose en la neumática con este stock básico sobre un expositor a medida.

**Consúltenos.**

## Présentoir pneumatique

**DICSA** vous offre un moyen rapide et facile d'élargir votre gamme de produits ainsi que votre secteur d'activité avec un investissement minime. Nous vous proposons un stock basique pour démarrer dans le secteur de la pneumatique.

**Consultez-nous.**

## Pneumatic display

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# Racores

Raccords pneumatiques

Pneumatic fittings

Raccordi



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## Racordaje tecnopolímero

Raccords techno-polymère | Technopolymeric fittings | Raccordatura tecnopolimero

Pipe

Fittings

Quick release couplings

### Racordaje tecnopolímero cónico | Raccords techno-polymères coniques | Technopolymeric tapered fittings | Raccordatura tecnopolimero conica

333



### Racordaje tecnopolímero cilíndrico | Raccords techno-polymères cylindriques | Technopolymeric BSP fittings | Raccordatura tecnopolimero cilindrica

336



### Racordaje tecnopolímero en latón niquelado | Raccords techno-polymères en laiton niqué | Technopolymeric fittings in nickel-plated brass | Raccordatura tecnopolimero in ottone nichelato

337





# Racordaje rápido

Raccords rapides | Tapared quick couplings | Raccordatura rapida

## Racordaje rápido cónico | Raccords rapides coniques | Tapared quick couplings | Raccordatura rapida conica

339



1000



1010



1025



1030



1035



1710



1700



1040



1110



1120



1050



1100



1130



1500



51410



1210



1510



51420



1220



1230



1300

## Racordaje rápido cilíndrico | Raccords rapides cylindriques | Cylindric quick couplings | Raccordatura rapida cilindrica

342



1020/1021



1028



1115



1215



1027

▶ **Adaptadores rectos** | Adapteurs droits | Adaptors | Adattatori diritti

343



2000



2020



2040



2080



2010



2030



2070



2050



51410



3000



3010



3060



6090

▶ **Tapones** | Bouchons | Plugs | Tappi

345



2090



3015



3020



3025



3030



3021

▶ **Terminales con espiga** | Embout avec douille | Ends with standpipe | Raccordi ad inserto

346



3040



3050



3055



3045

▶ **Racores en codo** | Raccords coudés | Fittings elbows | Raccordi a 90

347



5000



5010



5020

▶ **Racores en te** | Raccords en té | Fittings tee | Raccordi a T

347



4000



4010



4040



4050

▶ **Racores en cruz y racores en Y** | Raccords en croix et raccords en Y | Cross fittings and Y fittings | Raccordi a croce i raccordi a Y

348



6020



6030



6000

▶ **Tacos aluminio** | Blocs aluminium | Aluminium block | Blocchi alluminio

348



6040



6047

## Racordaje metálico

Raccords métalliques | Metallic fittings | Raccordi metallici

### ▶ **Racordaje metálico cónico** | Raccords métalliques coniques | Metallic tapered fittings | Raccordatura metallica conica 349



MPC



MPL



MPUL

### ▶ **Racordaje metálico cilíndrico** | Raccords métalliques cylindriques | Metallic BSP fittings | Raccordatura metallica cilindrica 349



MPCCI



MPLCI



MPCF



MPTCI



MPHCI



MSCL



MPUC



MPUT



MPY



MPMM



MPSTCI



## Racordaje tecnopolímero

Raccords techno-polymère  
Technopolymeric fittings  
Raccordatura tecnopolimero

### Automático directo macho



Piquage droit mâle  
Straight male  
Automatico diritto maschio

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
10	1/8"	PC 1001	
4	1/8"	PC 0401	
4	1/4"	PC 0402	
4	M5	PC 04M5	
6	1/8"	PC 0601	
6	1/4"	PC 0602	
6	3/8"	PC 0603	
8	1/8"	PC 0801	
8	1/4"	PC 0802	
8	3/8"	PC 0803	
10	1/4"	PC 1002	
10	3/8"	PC 1003	
10	1/2"	PC 1004	
12	1/4"	PC 1202	
12	3/8"	PC 1203	
12	1/2"	PC 1204	

### Microrregulador para cilindro



Microrégulateur pour vérins  
Elbow speed controller  
Microregolatore per cilindro

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4 mm	1/8"	SCL 0401	
4 mm	1/4"	SCL 0402	
4 mm	M5	SCL 04M5	
6 mm	1/8"	SCL 0601	
6 mm	1/4"	SCL 0602	
6 mm	3/8"	SCL 0603	
6 mm	M5	SCL 06M5	
8 mm	1/8"	SCL 0801	
8 mm	1/4"	SCL 0802	
8 mm	3/8"	SCL 0803	
10 mm	1/4"	SCL 1002	
10 mm	3/8"	SCL 1003	
12 mm	1/4"	SCL 1202	
12 mm	3/8"	SCL 1203	
12 mm	1/2"	SCL 1204	

### Automático intermedio



Union à piquage  
Straight union  
Automatico intermedio

TUBO PIPE	REFERENCIA PART N°	€
6	PG 0604	
8	PG 0806	
10	PG 1008	
12	PG 1210	
4	PUC 04	
6	PUC 06	
8	PUC 08	
10	PUC 10	
12	PUC 12	

### Automático intermedio pasatabique



Piquage passe-cloison  
Bulkhead union  
Automatico intermedio passaparete

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4	M12	PMM 04	
6	M14	PMM 06	
8	M16	PMM 08	
10	M19	PMM 10	
12	M21	PMM 12	

### Automático codo giratorio macho



Equerre à piquage mâle tournant  
Male elbow  
Automatico maschio girevole

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4	1/8"	PL 0401	
4	1/4"	PL 0402	
4	M5	PL 04M5	
6	1/8"	PL 0601	
6	1/4"	PL 0602	
6	3/8"	PL 0603	
8	1/8"	PL 0801	
8	1/4"	PL 0802	
8	3/8"	PL 0803	
10	1/4"	PL 1002	
10	3/8"	PL 1003	
10	1/2"	PL 1004	
12	3/8"	PL 1203	
12	1/2"	PL 1204	

### Automático directo hembra



Piquage droit femelle  
Straight female  
Automatico diritto femmina

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4	1/8"	PCF 0401	
6	1/8"	PCF 0601	
6	1/4"	PCF 0602	
8	1/8"	PCF 0801	
8	1/4"	PCF 0802	
10	1/4"	PCF 1002	
12	3/8"	PCF 1203	
12	1/2"	PCF 1204	

## Racordaje tecnopolímero

Raccords techno-polymère  
Technopolymeric fittings  
Raccordatura tecnopolimero

Pipe

Fittings

Quick release couplings

### Automático de reducción insertable



Piquage de réduction  
Plug in reducer  
Automatico di riduzione

TUBO PIPE		REFERENCIA PART N°	€
6	4	PR 0604	
8	4	PR 0804	
8	6	PR 0806	
10	6	PR 1006	
10	8	PR 1008	
12	8	PR 1208	
12	10	PR 1210	

### Automático tapón



Piquage bouchon  
Plug  
Automatico tappo

TUBO PIPE	REFERENCIA PART N°	€
4	TAP 04	
6	TAP 06	
8	TAP 08	
10	TAP 10	
12	TAP 12	

### Automático codo insertable



Coude à piquage lisse  
Plug-in elbow  
Automatico estremita tubolare

TUBO PIPE	REFERENCIA PART N°	€
4 mm	PLJ 04	
6 mm	PLJ 06	
8 mm	PLJ 08	
10 mm	PLJ 10	
12 mm	PLJ 12	

### Automático codo orientable



Banjo simple à piquage mâle  
Male banjo  
Automatico estremita tubolare a 90

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4 mm	1/8"	PH 0401	
6 mm	1/8"	PH 0601	
6 mm	1/4"	PH 0602	
8 mm	1/8"	PH 0801	
8 mm	1/4"	PH 0802	
8 mm	3/8"	PH 0803	
10 mm	1/4"	PH 1002	
10 mm	3/8"	PH 1003	

### Automático codo giratorio prolongado



Equerre prolongée à piquage mâle  
Extended male banjo  
Automatico a 90 prolunga maschio girevole

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4 mm	1/8"	PLL 0401	
4 mm	1/4"	PLL 0402	
6 mm	1/8"	PLL 0601	
6 mm	1/4"	PLL 0602	
8 mm	1/8"	PLL 0801	
8 mm	3/8"	PLL 0803	
10 mm	1/4"	PLL 1002	

### Automático codo intermedio



Coude d'union à piquage  
Union elbow  
Automatico intermedio a 90

TUBO PIPE	REFERENCIA PART N°	€
4	PUL 04	
6	PUL 06	
8	PUL 08	
10	PUL 10	
12	PUL 12	

### Automático en cruz intermedio



Croix à piquage  
Union cross  
Automatico intermedio a croce

TUBO PIPE	REFERENCIA PART N°	€
4	PZA 04	
6	PZA 06	
8	PZA 08	
10	PZA 10	
12	PZA 12	

### Automático T intermedio



Piquage en Té intermédiaire  
Union tee  
Automatico T intermedio

TUBO PIPE	REFERENCIA PART N°	€
4	PUT 04	
6	PUT 06	
8	PUT 08	
10	PUT 10	
12	PUT 12	
14	PUT 14	

## Racordaje tecnopolímero

Raccords techno-polymère  
Technopolymeric fittings  
Raccordatura tecnopolimero

### Automático T central giratorio



Té à piquage mâle central tournant  
Male branch tee

Automatico T maschio girevole centrale

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4	1/8"	PT 0401	
6	1/8"	PT 0601	
6	1/4"	PT 0602	
8	1/8"	PT 0801	
8	1/4"	PT 0802	
10	1/4"	PT 1002	
10	3/8"	PT 1003	
12	3/8"	PT 1203	
12	1/2"	PT 1204	

### Automático T lateral giratorio



Té à piquage mâle latéral tournant  
Male run tee

Automatico T maschio girevole laterale

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4	1/8"	PST 0401	
6	1/8"	PST 0601	
6	1/4"	PST 0602	
8	1/8"	PST 0801	
8	1/4"	PST 0802	
10	1/4"	PST 1002	
10	3/8"	PST 1003	
12	3/8"	PST 1203	
12	1/2"	PST 1204	

\*\*Hasta fin de existencias/\*\*Jusqu'à la fin du stock /\*\*Until end of stock/\*\*Fino ad esaurimento scorta

### Automático Y intermedio



Piquage en Y  
Union Y

Automatico intermedio a Y

TUBO PIPE	REFERENCIA PART N°	€
12	10	PW 1210
4	4	PY 04
6	6	PY 06
8	8	PY 08
10	10	PY 10
12	12	PY 12

\*\*Hasta fin de existencias/\*\*Jusqu'à la fin du stock /\*\*Until end of stock/\*\*Fino ad esaurimento scorta

### Automático Y giratorio central



Piquage en Y simple mâle  
Male Y

Automatico automatico a Y maschio girevole centrale

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4 mm	1/8"	PWT 0401	
4 mm	1/4"	PWT 0402	
4 mm	M5	PWT 04M5	
6 mm	1/8"	PWT 0601	
6 mm	1/4"	PWT 0602	
8 mm	1/8"	PWT 0801	
8 mm	1/4"	PWT 0802	
10 mm	1/4"	PWT 1002	
10 mm	3/8"	PWT 1003	
12 mm	3/8"	PWT 1203	
12 mm	1/2"	PWT 1204	

### Automático Y insertable central



Piquage en Y simple lisse  
Plug-in reducer Y

Automatico a Y estremita tubolare centrale

TUBO PIPE	REFERENCIA PART N°	€
6 - 4 mm	PWJ 0604	
8 - 6 mm	PWJ 0806	
10 - 8 mm	PWJ 1008	
12 - 10 mm	PWJ 1210	
4 mm	PYJ 04	
6 mm	PYJ 06	
8 mm	PYJ 08	
10 mm	PYJ 10	
12 mm	PYJ 12	

### Regulador de caudal en línea



Régulateur de débit en ligne

Union straight speed controller

Regolatore di flusso in linea

TUBO PIPE	REFERENCIA PART N°	€
4 mm	SCU 04	
6 mm	SCU 06	
8 mm	SCU 08	
10 mm	SCU 10	

## Racordaje tecnopolímero

Raccords techno-polymère  
Technopolymeric fittings  
Raccordatura tecnopolimero

Pipe

Fittings

Quick release  
couplings

### Automático salida múltiple intermedio



Piquage multiple  
Reducer triple branch union  
Automatico intermedio con uscite multiple

TUBO PIPE	REFERENCIA PART N°	€
6 - 4 mm	<b>PKG 0604</b>	
8 - 4 mm	<b>PKG 0804</b>	
10 - 6 mm	<b>PKG 1006</b>	
10 - 8 mm	<b>PKG 1008</b>	

### Automático salida múltiple



Piquage multiple mâle en bout  
Male reducer triple branch  
Automatico maschio con uscite multiple

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
6 - 4 mm	1/8"	<b>PKD 060401</b>	
8 - 4 mm	1/4"	<b>PKD 080402</b>	
8 - 6 mm	1/4"	<b>PKD 080602</b>	
10 - 8 mm	3/8"	<b>PKD 100803</b>	

### Automático directo macho



Piquage droit mâle cylindrique  
Male straight  
Automatico diritto maschio

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4 mm	1/8"	<b>PCCI 0401</b>	
4 mm	1/4"	<b>PCCI 0402</b>	
4 mm	M5	<b>PCCI 04M5</b>	
6 mm	1/8"	<b>PCCI 0601</b>	
6 mm	1/4"	<b>PCCI 0602</b>	
6 mm	3/8"	<b>PCCI 0603</b>	
8 mm	1/8"	<b>PCCI 0801</b>	
8 mm	1/4"	<b>PCCI 0802</b>	
8 mm	3/8"	<b>PCCI 0803</b>	
10 mm	1/4"	<b>PCCI 1002</b>	
10 mm	3/8"	<b>PCCI 1003</b>	
10 mm	1/2"	<b>PCCI 1004</b>	
12 mm	1/4"	<b>PCCI 1202</b>	
12 mm	3/8"	<b>PCCI 1203</b>	
12 mm	1/2"	<b>PCCI 1204</b>	

### Automático codo giratorio



Equerre à piquage mâle tournant  
Male elbow  
Automatico maschio a 90 girevole

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4 mm	1/8"	<b>PLCI 0401</b>	
4 mm	1/4"	<b>PLCI 0402</b>	
4 mm	M5	<b>PLCI 04M5</b>	
6 mm	1/8"	<b>PLCI 0601</b>	
6 mm	1/4"	<b>PLCI 0602</b>	
6 mm	3/8"	<b>PLCI 0603</b>	
6 mm	M5	<b>PLCI 06M5</b>	
8 mm	1/8"	<b>PLCI 0801</b>	
8 mm	1/4"	<b>PLCI 0802</b>	
8 mm	3/8"	<b>PLCI 0803</b>	
10 mm	1/4"	<b>PLCI 1002</b>	
10 mm	3/8"	<b>PLCI 1003</b>	
10 mm	1/2"	<b>PLCI 1004</b>	
12 mm	1/4"	<b>PLCI 1202</b>	
12 mm	3/8"	<b>PLCI 1203</b>	
12 mm	1/2"	<b>PLCI 1204</b>	

### Automático codo orientable



Banjo simple à piquage mâle  
Male banjo  
Automatico orientable a 90

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4 mm	1/8"	<b>PHCI 0401</b>	
4 mm	M5	<b>PHCI 04M5</b>	
6 mm	1/8"	<b>PHCI 0601</b>	
6 mm	1/4"	<b>PHCI 0602</b>	
8 mm	1/8"	<b>PHCI 0801</b>	
8 mm	1/4"	<b>PHCI 0802</b>	
8 mm	3/8"	<b>PHCI 0803</b>	
10 mm	3/8"	<b>PHCI 1003</b>	

### Automático T lateral giratorio



Té à piquage mâle tournant latéral  
Male run tee  
Automatico T girevole laterale

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4 mm	1/8"	<b>PSTCI 0401</b>	
6 mm	1/8"	<b>PSTCI 0601</b>	
6 mm	1/4"	<b>PSTCI 0602</b>	
8 mm	1/8"	<b>PSTCI 0801</b>	
8 mm	1/4"	<b>PSTCI 0802</b>	
10 mm	1/4"	<b>PSTCI 1002</b>	
10 mm	3/8"	<b>PSTCI 1003</b>	
12 mm	3/8"	<b>PSTCI 1203</b>	



## Racordaje tecnopolímero

Raccords techno-polymère  
Technopolymeric fittings  
Raccordatura tecnopolimero

### Automático T central giratorio



Té à piquage mâle tournant central

Male branch tee

Automatico T girevole centrale

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4 mm	1/8"	PTCI 0401	
6 mm	1/8"	PTCI 0601	
8 mm	1/8"	PTCI 0801	
8 mm	3/8"	PTCI 0803	
10 mm	1/4"	PTCI 1002	
10 mm	3/8"	PTCI 1003	
12 mm	3/8"	PTCI 1203	

### Automático intermedio



Union simple à piquage

Straight union

Automatico intermedio

TUBO PIPE	REFERENCIA PART N°	€
4 mm	50040 4	
6 mm	50040 6	
8 mm	50040 8	
10 mm	50040 10	
12 mm	50040 12	

### Automático intermedio pasatabique



Piquage passe-cloison

Bulkhead union

Automatico intermedio passaparete

TUBO PIPE	REFERENCIA PART N°	€
4 mm	50050N 4	
6 mm	50050N 6	
8 mm	50050N 8	
10 mm	50050N 10	
12 mm	50050N 12	

### Automático codo macho cónico giratorio



Equerre à piquage mâle conique

Conical male elbow

Automatico maschio girevole conico

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
6 mm	1/8"	50110 6 1/8	
8 mm	1/4"	50110 8 1/4	
10 mm	1/4"	50110 10 1/4	

### Automático codo macho cilíndrico giratorio



Equerre à piquage mâle cylindrique

BSP Male elbow

Automatico a 90 maschio girevole

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4 mm	1/8"	50115 4 1/8	
4 mm	M5	50115 4 M5	
6 mm	1/8"	50115 6 1/8	
6 mm	1/4"	50115 6 1/4	
6 mm	M5	50115 6 M5	
8 mm	1/8"	50115 8 1/8	
8 mm	1/4"	50115 8 1/4	
8 mm	3/8"	50115 8 3/8	
10 mm	1/4"	50115 10 1/4	
10 mm	3/8"	50115 10 3/8	
10 mm	1/2"	50115 10 1/2	
12 mm	3/8"	50115 12 3/8	
12 mm	1/2"	50115 12 1/2	

### Adaptador macho cilíndrico



Adapteur mâle cylindrique

Nipple

Adattatore maschio cilindrico

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4 mm	1/8"	50600 4 1/8	
6 mm	1/8"	50600 6 1/8	
6 mm	1/4"	50600 6 1/4	
8 mm	1/8"	50600 8 1/8	
8 mm	1/4"	50600 8 1/4	
8 mm	3/8"	50600 8 3/8	
10 mm	1/4"	50600 10 1/4	
10 mm	3/8"	50600 10 3/8	
12 mm	1/4"	50600 12 1/4	
12 mm	3/8"	50600 12 3/8	

## Racordaje tecnopolímero

Raccords techno-polymère  
Technopolymeric fittings  
Raccordatura tecnopolimero

Pipe

Fittings

Quick release  
couplings

### Automático T central giratoria macho cilíndrico



Té à piquage mâle cylindrique central  
BSP Male branch  
Automatico a T maschio girevole centrale

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4 mm	1/8"	50215 4 1/8	
4 mm	1/4"	50215 4 1/4	
6 mm	1/8"	50215 6 1/8	
6 mm	1/4"	50215 6 1/4	
8 mm	1/8"	50215 8 1/8	
8 mm	1/4"	50215 8 1/4	
10 mm	1/4"	50215 10 1/4	
10 mm	3/8"	50215 10 3/8	
12 mm	3/8"	50215 12 3/8	
12 mm	1/2"	50215 12 1/2	

### Automático T lateral giratoria macho cilíndrico



Té à piquage mâle cylindrique latéral  
BSP Male run  
Automatico a T maschio girevole laterale

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4 mm	1/8"	50225 4 1/8	
6 mm	1/8"	50225 6 1/8	
6 mm	1/4"	50225 6 1/4	
8 mm	1/8"	50225 8 1/8	
8 mm	1/4"	50225 8 1/4	
10 mm	1/4"	50225 10 1/4	
10 mm	3/8"	50225 10 3/8	
12 mm	3/8"	50225 12 3/8	

### Automático orientable



Banjo simple à piquage  
Male banjo  
Automatico orientabile

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4	M5	50500 4 M5	3,53
4	M6	50500 4 M6	
4	1/8"	50500 4 1/8	
6	M5	50500 6 M5	
6	M6	50500 6 M6	
6	1/8"	50500 6 1/8	
6	1/4"	50500 6 1/4	
8	1/8"	50500 8 1/8	
8	1/4"	50500 8 1/4	
8	3/8"	50500 8 3/8	
10	1/4 "	50500 10 1/4	
10	3/8"	50500 10 3/8	
12	3/8"	50500 12 3/8	
12	1/2"	50500 12 1/2	

### Automático T intermedia



Té à piquage  
Union tee  
Automatico a T intermedio

TUBO PIPE	REFERENCIA PART N°	€
4 mm	50230 4	
6 mm	50230 6	
8 mm	50230 8	
10 mm	50230 10	
12 mm	50230 12	

### Automático Y intermedio



Piquage en Y  
Union Y  
Automatico a Y intermedio

TUBO PIPE	REFERENCIA PART N°	€
4 mm	50310 4	
6 mm	50310 6	
8 mm	50310 8	

### Automático codo intermedio



Coude d'union à piquage  
Male elbow  
Automatico a 90 intermedio

TUBO PIPE	REFERENCIA PART N°	€
4 mm	50130 4	
6 mm	50130 6	
8 mm	50130 8	
10 mm	50130 10	
12 mm	50130 12	

### Tornillo orientable simple para automático orientable



Vis pour banjo simple  
Banjo stem simple  
Bullone per automatico orientabile

ROSCA THREAD	REFERENCIA PART N°	€
M5	51410 M5	
M6	51410 M6	
1/8"	51410 1/8	
1/4"	51410 1/4	
3/8"	51410 3/8	
1/2"	51410 1/2	
M12x1.5	51410 M12X1,5	

## Racordaje rápido

Raccords rapides  
Tapered quick couplings  
Raccordatura rapida

### Recto cónico macho



Raccord droit mâle conique  
Straight male adaptor tapered  
Raccordo maschio conico

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4/2,7 mm	1/8"	1000 4/2.7 1/8	
6/4 mm	1/8"	1000 6/4 1/8	
6/4 mm	1/4"	1000 6/4 1/4	
6/4 mm	3/8"	1000 6/4 3/8	
8/6 mm	1/8"	1000 8/6 1/8	
8/6 mm	1/4"	1000 8/6 1/4	
8/6 mm	3/8"	1000 8/6 3/8	
8/6 mm	1/2"	1000 8/6 1/2	
10/8 mm	1/4"	1000 10/8 1/4	
10/8 mm	3/8"	1000 10/8 3/8	
10/8 mm	1/2"	1000 10/8 1/2	
12/10 mm	3/8"	1000 12/10 3/8	
12/10 mm	1/2"	1000 12/10 1/2	

### Recto hembra



Raccord droit femelle  
Straight female adaptor  
Raccordo femmina

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
6/4 mm	1/8"	1030 6/4 1/8	
6/4 mm	1/4"	1030 6/4 1/4	
6/4 mm	3/8"	1030 6/4 3/8	
8/6 mm	1/8"	1030 8/6 1/8	
8/6 mm	1/4"	1030 8/6 1/4	
8/6 mm	3/8"	1030 8/6 3/8	
8/6 mm	1/2"	1030 8/6 1/2	
10/8 mm	1/4"	1030 10/8 1/4	
10/8 mm	3/8"	1030 10/8 3/8	
10/8 mm	1/2"	1030 10/8 1/2	
12/10 mm	3/8"	1030 12/10 3/8	

### Recto giratorio cónico macho



Raccord droit mâle tournant conique  
Swivel straight male adaptor tapered  
Raccordo maschio conico girevole

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
6/4 mm	1/8"	1010 6/4 1/8	
6/4 mm	1/4"	1010 6/4 1/4	
8/6 mm	1/8"	1010 8/6 1/8	
8/6 mm	1/4"	1010 8/6 1/4	
10/8 mm	1/4"	1010 10/8 1/4	
12/8 mm	3/8"	1010 12/8 3/8	
12/10 mm	3/8"	1010 12/10 3/8	

### Recto cónico macho con muelle



Raccord droit mâle conique avec ressort  
Straight male adaptor tapered + nut and spring  
Raccordo maschio conico+molla

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
6/4 mm	1/8"	1025 6/4 1/8	
6/4 mm	1/4"	1025 6/4 1/4	
8/6 mm	1/8"	1025 8/6 1/8	
8/6 mm	1/4"	1025 8/6 1/4	
8/6 mm	3/8"	1025 8/6 3/8	
8/6 mm	1/2"	1025 8/6 1/2	
10/8 mm	1/8"	1025 10/8 1/8	
10/8 mm	1/4"	1025 10/8 1/4	
10/8 mm	3/8"	1025 10/8 3/8	
10/8 mm	1/2"	1025 10/8 1/2	
12/10 mm	3/8"	1025 12/10 3/8	
12/10 mm	1/2"	1025 12/10 1/2	

### Recto hembra con muelle



Raccord droit femelle avec ressort  
Straight female adaptor tapered+ nut and spring  
Raccordo femmina+molla

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
6/4 mm	1/8"	1035 6/4 1/8	
6/4 mm	1/4"	1035 6/4 1/4	
6/4 mm	3/8"	1035 6/4 3/8	
8/6 mm	1/8"	1035 8/6 1/8	
8/6 mm	1/4"	1035 8/6 1/4	
8/6 mm	3/8"	1035 8/6 3/8	
8/6 mm	1/2"	1035 8/6 1/2	
10/8 mm	1/4"	1035 10/8 1/4	
10/8 mm	3/8"	1035 10/8 3/8	
10/8 mm	1/2"	1035 10/8 1/2	
12/10 mm	3/8"	1035 12/10 3/8	

### Tuerca de fijación con muelle



Vis de fixation avec ressort  
Locking nut with spring  
Dado di fissaggio con molla

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
6/4 mm	M10x1	1710 6/4	
8/6 mm	M12x1	1710 8/6	
10/8 mm	M14x1	1710 10/8	
12/10 mm	M16x1	1710 12/10	

## Racordaje rápido

Raccords rapides  
Tapered quick couplings  
Raccordatura rapida

Pipe

Fittings

Quick release couplings

### Tuerca de fijación



Vis de fixation  
Locking nut  
Dado di fissaggio

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4/2,7 mm	M6 x 0,5	1700 4/2.7	
6/4 mm	M10 x 1	1700 6/4	
8/6 mm	M12 x 1	1700 8/6	
10/8 mm	M14 x 1	1700 10/8	
12/10 mm	M16 x 1	1700 12/10	

### Intermedio



Raccord intermédiaire  
Straight connector  
Raccordo intermedio

TUBO PIPE	REFERENCIA PART N°	€
4/2,7 mm	4/2,7 mm	1040 4/2.7
6,4 mm	6,4 mm	1040 6/4
8/6 mm	6/4 mm	1040 8/6 6/4
8/6 mm	8/6 mm	1040 8/6
10/8 mm	6/4 mm	1040 10/8 6/4
10/8 mm	8/6 mm	1040 10/8 8/6
10/8 mm	10/8 mm	1040 10/8
12/10 mm	12/10 mm	1040 12/10

### Codo giratorio cónico macho



Raccord coudé tournant mâle conique  
Orienting elbow male adaptor tapered  
Raccordo a 90 maschio conico girevole

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4/2,7 mm	1/8"	1110 4/2.7 1/8	
6/4 mm	1/8"	1110 6/4 1/8	
6/4 mm	1/4"	1110 6/4 1/4	
8/6 mm	1/8"	1110 8/6 1/8	
8/6 mm	1/4"	1110 8/6 1/4	
10/8 mm	1/4"	1110 10/8 1/4	

### Codo hembra



Raccord coudé femelle  
Elbow female adaptor  
Raccordo a 90 femmina fissa

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
6/4 mm	1/8"	1120 6/4 1/8	
6/4 mm	1/4"	1120 6/4 1/4	
8/6 mm	1/8"	1120 8/6 1/8	
8/6 mm	1/4"	1120 8/6 1/4	
10/8 mm	1/4"	1120 10/8 1/4	
10/8 mm	3/8"	1120 10/8 3/8	

### Pasatabiques



Raccord passe-cloison  
Bulkhead connector  
Raccordo passaparete

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4/2,7 mm	4/2,7 mm	M6 x 0,5	1050 4/2.7
6/4 mm	6/4 mm	M10 x 1	1050 6/4
8/6 mm	6/4 mm	M12 x 1	1050 8/6X6/4
8/6 mm	8/6 mm	M12 x 1	1050 8/6
10/8 mm	6/4 mm	M14 x 1	1050 10/8X6/4
10/8 mm	8/6 mm	M14 x 1	1050 10/8X8/6
10/8 mm	10/8 mm	M14 x 1	1050 10/8
12/10 mm	12/10 mm	M16 x 1	1050 12/10

### Codo cónico macho



Raccord coudé mâle conique  
Elbow male adaptor tapered  
Raccordo a 90 maschio conico

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4/2,7 mm	1/8"	1100 4/2.7 1/8	
6/4 mm	1/8"	1100 6/4 1/8	
6/4 mm	1/4"	1100 6/4 1/4	
6/4 mm	3/8"	1100 6/4 3/8	
8/6 mm	1/8"	1100 8/6 1/8	
8/6 mm	1/4"	1100 8/6 1/4	
8/6 mm	3/8"	1100 8/6 3/8	
8/6 mm	1/2"	1100 8/6 1/2	
10/8 mm	1/4"	1100 10/8 1/4	
10/8 mm	3/8"	1100 10/8 3/8	
10/8 mm	1/2"	1100 10/8 1/2	
12/10 mm	3/8"	1100 12/10 3/8	
10/12 mm	1/2"	1100 12/10 1/2	

### Codo intermedio



Raccord coudé intermédiaire  
Elbow connector  
Raccordo a 90 intermedio

TUBO PIPE	REFERENCIA PART N°	€
4/2,7 mm	1130 4/2.7	
6/4 mm	1130 6/4	
8/6 mm - 6/4 mm	1130 8/6 6/4	
8/6 mm	1130 8/6	
10/8 mm	1130 10/8	
12/10 mm	1130 12/10	

## Racordaje rápido

Raccords rapides  
Tapered quick couplings  
Raccordatura rapida

### Orientable simple



Banjo simple  
Single banjo body  
Occhio orientabile semplice

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4/2,7 mm	1/8"	1500 4/2.7 1/8	
6/4 mm	1/8"	1500 6/4 1/8	
6/4 mm	1/4"	1500 6/4 1/4	
6/4 mm	3/8"	1500 6/4 3/8	
6/4 mm	M6	1500 6/4 M6	
8/6 mm	1/8"	1500 8/6 1/8	
8/6 mm	1/4"	1500 8/6 1/4	
8/6 mm	3/8"	1500 8/6 3/8	
8/6 mm	1/2"	1500 8/6 1/2	
10/8 mm	1/8"	1500 10/8 1/8	
10/8 mm	1/4"	1500 10/8 1/4	
10/8 mm	3/8"	1500 10/8 3/8	
10/8 mm	1/2"	1500 10/8 1/2	
12/10 mm	3/8"	1500 12/10 3/8	
12/10 mm	1/2"	1500 12/10 1/2	

### Orientable doble



Banjo double  
Double banjo body  
Occhio orientabile doppio

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4/2,7 mm	1/8"	1510 4/2.7 1/8	
6/4 mm	1/8"	1510 6/4 1/8	
6/4 mm	1/4"	1510 6/4 1/4	
6/4 mm	3/8"	1510 6/4 3/8	
8/6 mm	1/8"	1510 8/6 1/8	
8/6 mm	1/4"	1510 8/6 1/4	
8/6 mm	3/8"	1510 8/6 3/8	
8/6 mm	1/2"	1510 8/6 1/2	
10/8 mm	1/8"	1510 10/8 1/8	
10/8 mm	1/4"	1510 10/8 1/4	
10/8 mm	3/8"	1510 10/8 3/8	
10/8 mm	1/2"	1510 10/8 1/2	
12/10 mm	3/8"	1510 12/10 3/8	
12/10 mm	1/2"	1510 12/10 1/2	

### Tornillo orientable simple



Vis pour banjo simple  
Banjo stem simple  
Bullone forato singolo

ROSCA THREAD	REFERENCIA PART N°	€
M5	51410 M5	
M6	51410 M6	
1/8"	51410 1/8	
1/4"	51410 1/4	
3/8"	51410 3/8	
1/2"	51410 1/2	
M12x1.5	51410 M12X1,5	

### Tornillo orientable doble



Vis pour banjo double  
Banjo stem double  
Bullone forato doppio

ROSCA THREAD	REFERENCIA PART N°	€
1/8"	51420 1/8	
1/4"	51420 1/4	
3/8"	51420 3/8	
1/2"	51420 1/2	

### Te macho central giratorio cónico



Raccord en té avec tournant mâle central  
Orienting tee male adaptor tapered-centre leg  
Raccordo a Tmaschio conico girevole centrale

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
6/4 mm	1/8"	1210 6/4 1/8	
6/4 mm	1/4"	1210 6/4 1/4	
8/6 mm	1/8"	1210 8/6 1/8	
8/6 mm	1/4"	1210 8/6 1/4	
10/8 mm	1/4"	1210 10/8 1/4	

### Te lateral cónica macho



Raccord en té avec mâle conique latéral  
Tee male adaptor tapered-off-set-leg  
Raccordo a Y laterale conico maschio

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
6/4 mm	1/8"	1220 6/4 1/8	
6/4 mm	1/4"	1220 6/4 1/4	
8/6 mm	1/8"	1220 8/6 1/8	
8/6 mm	1/4"	1220 8/6 1/4	
10/8 mm	1/4"	1220 10/8 1/4	
10/8 mm	3/8"	1220 10/8 3/8	
12/10 mm	3/8"	1220 12/10 3/8	

## Racordaje rápido

Raccords rapides  
Tapped quick couplings  
Raccordatura rapida

Pipe

### Te intermedia



Raccord en té intermédiaire

Tee connector

Raccordo a T intermedio

TUBO PIPE	REFERENCIA PART N°	€
4/2,7 mm	1230 4/2.7	
6/4 mm	1230 6/4	
8/6 mm	1230 8/6	
10/8 mm	1230 10/8	
12/10 mm	1230 12/10	

### Cruz intermedia



Raccord en croix intermédiaire

Equal cross connector

Raccordo a croce intermedio

TUBO PIPE	REFERENCIA PART N°	€
6/4 mm	1300 6/4	
8/6 mm	1300 8/6	
10/8 mm	1300 10/8	
12/10 mm	1300 12/10	

Fittings

### Recto cilíndrico macho con tórica



Raccord droit mâle cylindrique

Straight male adaptor parallel

Raccordo maschio cilindrico con o-ring

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4/2,7 mm	1/8"	1020 4/2.7 1/8	
6/4 mm	1/8"	1020 6/4 1/8	
6/4 mm	1/4"	1020 6/4 1/4	
6/4 mm	3/8"	1020 6/4 3/8	
6/4 mm	1/2"	1020 6/4 1/2	
8/6 mm	1/8"	1020 8/6 1/8	
8/6 mm	1/4"	1020 8/6 1/4	
8/6 mm	3/8"	1020 8/6 3/8	
8/6 mm	1/2"	1020 8/6 1/2	
10/8 mm	1/4"	1020 10/8 1/4	
10/8 mm	3/8"	1020 10/8 3/8	
10/8 mm	1/2"	1020 10/8 1/2	
12/10 mm	3/8"	1020 12/10 3/8	
12/10 mm	1/2"	1020 12/10 1/2	
6/4 mm	M5	1021 6/4 M5	
6/4 mm	M6	1021 6/4 M6	

### Codo giratorio cilíndrico macho



Raccord coudé tournant mâle cylindrique

Orienting elbow male adaptor parallel

Raccordo a 90 maschio girevole

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4/2,7 mm	1/8"	1115 4/2.7 1/8	
6/4 mm	1/8"	1115 6/4 1/8	
6/4 mm	1/4"	1115 6/4 1/4	
8/6 mm	1/8"	1115 8/6 1/8	
8/6 mm	1/4"	1115 8/6 1/4	
10/8 mm	1/4"	1115 10/8 1/4	

Quick release couplings

### Te central giratoria cilíndrico macho



Raccord en té avec tournant mâle central

Orienting tee male adaptor parallel-centre leg

Raccordo a T maschio girevole centrale

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
6/4 mm	1/8"	1215 6/4 1/8	
6/4 mm	1/4"	1215 6/4 1/4	
8/6 mm	1/8"	1215 8/6 1/8	
8/6 mm	1/4"	1215 8/6 1/4	
10/8 mm	1/4"	1215 10/8 1/4	

### Recto cilíndrico macho con muelle



Raccord droit mâle cylindrique avec ressort

Straight male adaptor parallel + nut and spring

Raccordo maschio +molla

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
6/4 mm	1/8"	1028 6/4 1/8	
6/4 mm	1/4"	1028 6/4 1/4	
6/4 mm	3/8"	1028 6/4 3/8	
6/4 mm	1/2"	1028 6/4 1/2	
8/6 mm	1/8"	1028 8/6 1/8	
8/6 mm	1/4"	1028 8/6 1/4	
8/6 mm	3/8"	1028 8/6 3/8	
8/6 mm	1/2"	1028 8/6 1/2	
10/8 mm	1/4"	1028 10/8 1/4	
10/8 mm	3/8"	1028 10/8 3/8	
10/8 mm	1/2"	1028 10/8 1/2	
12/10 mm	3/8"	1028 12/10 3/8	
12/10 mm	1/2"	1028 12/10 1/2	

### Giratorio cilíndrico macho con muelle



Raccord droit tournant mâle cylindrique avec ressort

Orienting straight male adaptor parallel + nut and spring

Raccordo maschio cilindrico girevole con molla

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
6/4 mm	1/8"	1027 6/4 1/8	
6/4 mm	1/4"	1027 6/4 1/4	
8/6 mm	1/8"	1027 8/6 1/8	
8/6 mm	1/4"	1027 8/6 1/4	
10/8 mm	1/4"	1027 10/8 1/4	
12/10 mm	3/8"	1027 12/10 3/8	



## Accesorios

Accessoires  
Accessories  
Accessori

### Machón cónico



Adapteur mâle-mâle conique  
Nipple tapered  
Maschio conico

ROSCA THREAD	REFERENCIA PART N°	€
1/8"	2000 1/8	
1/4"	2000 1/4	
3/8"	2000 3/8	
1/2"	2000 1/2	
3/4"	2000 3/4	
1"	2000 1	

### Tapón reductor cónico



Bouchon réducteur conique  
Tapered reducer plug  
Tappo di riduzione conico

ROSCA THREAD	REFERENCIA PART N°	€
1/4"-1/8"	2080 1/4 1/8	
3/8"-1/8"	2080 3/8 1/8	
3/4"-3/8"	2080 3/8 1/4	
1/2"-1/8"	2080 1/2 1/8	
1/2"-1/4"	2080 1/2 1/4	
1/2"-3/8"	2080 1/2 3/8	
3/4"-3/8"	2080 3/4 3/8	
3/4"-1/2"	2080 3/4 1/2	

### Machón cónico de reducción



Réducteur mâle-mâle conique  
Reducing nipple tapered  
Maschio conico di riduzione

ROSCA THREAD	REFERENCIA PART N°	€
1/8"-1/4"	2020 1/8-1/4	
1/8"-3/8"	2020 1/8 3/8	
1/8"-1/2"	2020 1/8 1/2	
1/4"-1/2"	2020 1/4 1/2	
1/4"-3/8"	2020 1/4-3/8	
3/8"-1/2"	2020 3/8-1/2	
1/2"-3/4"	2020 1/2 3/4	

### Machón cilíndrico



Adapteur mâle-mâle cylindrique  
Nipple parallel  
cilindrico

ROSCA THREAD	REFERENCIA PART N°	€
1/8"	2010 1/8	
1/4"	2010 1/4	
3/8"	2010 3/8	
1/2"	2010 1/2	
3/4"	2010 3/4	
1"	2010 1	

### Prolongación cónica



Prolongateur conique  
Tapered reducer  
Prolunga conica

ROSCA THREAD	REFERENCIA PART N°	€
1/8"-1/8"	2040 1/8 1/8	
1/8"-1/4"	2040 1/8 1/4	
1/8"-3/8"	2040 1/8 3/8	
1/4"-1/4"	2040 1/4 1/4	
1/4"-3/8"	2040 1/4 3/8	
1/4"-1/2"	2040 1/4 1/2	
3/8"-3/8"	2040 3/8 3/8	
3/8"-1/2"	2040 3/8 1/2	
1/2"-1/2"	2040 1/2 1/2	
1/2"-3/4"	2040 1/2 3/4	

### Machón cilíndrico de reducción



Réducteur mâle-mâle cylindrique  
Reducing nipple parallel  
Maschio cilindrico di riduzione

ROSCA THREAD	REFERENCIA PART N°	€
M5-1/8"	2030 M5 1/8	
1/8"-1/4"	2030 1/8 1/4	
1/8"-3/8"	2030 1/8 3/8	
1/4"-3/8"	2030 1/4 3/8	
1/4"-1/2"	2030 1/4 1/2	
3/8"-1/2"	2030 3/8 1/2	
1/2"-3/4"	2030 1/2 3/4	

# Accesorios

Accessoires  
Accessoires  
Accessories  
Accessori

Pipe

Fittings

Quick release  
couplings

## Prolongación cilíndrica



Prolongateur cylindrique  
Reducer parallel  
Prolunga cilindrica

ROSCA THREAD	REFERENCIA PART N°	€
M5-1/8"	2050 M5 1/8	
1/8"-1/8"	2050 1/8 1/8	
1/8"-1/4"	2050 1/8 1/4	
1/4"-1/4"	2050 1/4 1/4	
1/4"-3/8"	2050 1/4 3/8	
3/8"-3/8"	2050 3/8 3/8	
3/8"-1/2"	2050 3/8 1/2	
1/2"-1/2"	2050 1/2 1/2	

## Manguito hembra



Manchon femelle  
Sleeve  
Prolunga femmina

ROSCA THREAD	REFERENCIA PART N°	€
1/8"	3000 1/8	
1/4"	3000 1/4	
3/8"	3000 3/8	
1/2"	3000 1/2	
3/4"	3000 3/4	

## Manguito hembra de reducción



Manchon femelle de réduction  
Reducing sleeve  
Prolunga femmina di riduzione

ROSCA THREAD	REFERENCIA PART N°	€
1/8"-1/4"	3010 1/8 1/4	
1/8"-3/8"	3010 1/8 3/8	
1/4"-3/8"	3010 1/4 3/8	
1/4"-1/2"	3010 1/4 1/2	
3/8"-1/2"	3010 3/8 1/2	
1/2"-3/4"	3010 1/2 3/4	
1/8"-1/2"	3010 1/8 1/2	

## Prolongación cilíndrica



Prolongateur cylindrique  
Extension parallel  
Prolunga cilindrica

ROSCA THREAD	REFERENCIA PART N°	€
1/8"-1/8"	2070 1/8 1/8 22	
1/8"-1/8"	2070 1/8 1/8 42	
1/4"-1/4"	2070 1/4 1/4 35	
1/4"-1/4"	2070 1/4 1/4 51	

## Pasatabique



Passe-cloison  
Bulkhead connector  
Passaparete

ROSCA THREAD	REFERENCIA PART N°	€
1/8"	3060 1/8	
1/4"	3060 1/4	
3/8"	3060 3/8	
1/2"	3060 1/2	
M5	3060 M5	

## Tornillo orientable simple



Vis pour banjo simple  
Banjo stem simple  
Bullone banjo semplice

ROSCA THREAD	REFERENCIA PART N°	€
M5	51410 M5	
M6	51410 M6	
1/8"	51410 1/8	
1/4"	51410 1/4	
3/8"	51410 3/8	
1/2"	51410 1/2	
M12x1.5	51410 M12X1,5	

## Orientable hembra



Banjo femelle  
Female single banjo body  
Occhio filettato femmina

ROSCA THREAD	REFERENCIA PART N°	€
1/8"	6090 1/8	
1/4"	6090 1/4	
3/8"	6090 3/8	



## Accesorios

Accessoires  
Accessories  
Accessori

345

Pipe

Fittings

Quick release  
couplings

### Tapón reductor cilíndrico



Bouchon réducteur cylindrique  
Reducer parallel  
Tappo di riduzione cilindrico

ROSCA THREAD	REFERENCIA PART N°	€
1/8"-M5	2090 1/8 M5	
1/4"-1/8"	2090 1/4 1/8	
3/8"-1/8"	2090 3/8 1/8	
3/8"-1/4"	2090 3/8 1/4	
1/2"-1/4"	2090 1/2 1/4	
1/2"-3/8"	2090 1/2 3/8	
3/4"-1/2"	2090 3/4 1/2	

### Tapón macho cónico Allen interior



Bouchon mâle conique allen intérieur  
Male plug tapered  
Tappo maschio conico Allen

ROSCA THREAD	REFERENCIA PART N°	€
1/8"	3025 1/8	
1/4"	3025 1/4	
3/8"	3025 3/8	
1/2"	3025 1/2	

### Tapón macho cilíndrico Allen



Bouchon mâle cylindrique allen  
Male plug parallel with hexagon embedded  
Tappo maschio cilindrico Allen

ROSCA THREAD	REFERENCIA PART N°	€
1/8"	3015 1/8	
1/4"	3015 1/4	
3/8"	3015 3/8	
1/2"	3015 1/2	

### Tapón hembra



Bouchon femelle  
Female plug  
Tappo femmina

ROSCA THREAD	REFERENCIA PART N°	€
1/8"	3030 1/8	
1/4"	3030 1/4	
3/8"	3030 3/8	
1/2"	3030 1/2	

### Tapón macho cilíndrico



Bouchon mâle cylindrique  
Male plug parallel  
Tappo maschio cilindrico

ROSCA THREAD	REFERENCIA PART N°	€
1/8"	3020 1/8	
1/4"	3020 1/4	
3/8"	3020 3/8	
1/2"	3020 1/2	
3/4"	3020 3/4	

### Tapón macho cónico



Bouchon mâle conique  
Male plug tapered  
Tappo maschio conico

ROSCA THREAD	REFERENCIA PART N°	€
1/8"	3021 1/8	
1/4"	3021 1/4	
3/8"	3021 3/8	
1/2"	3021 1/2	

Hasta fin de existencias//Jusqu'à fin du stock//Until end of stock//Fino ad esaurimento scorta

## Accesorios

Accessoires  
Accessories  
Accessori

Pipe

### Espiga macho cónico



Douille mâle conique  
Male hose adapter tapered  
Inserto maschio conico

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
6 mm	1/8"	3040 6 1/8	
6 mm	1/4"	3040 6 1/4	
7 mm	1/8"	3040 7 1/8	
7 mm	1/4"	3040 7 1/4	
8 mm	1/8"	3040 8 1/8	
8 mm	1/4"	3040 8 1/4	
9 mm	1/8"	3040 9 1/8	
9 mm	1/4"	3040 9 1/4	
9 mm	3/8"	3040 9 3/8	
9 mm	1/2"	3040 9 1/2	
10 mm	1/4"	3040 10 1/4	
10 mm	3/8"	3040 10 3/8	
10 mm	1/2"	3040 10 1/2	
12 mm	1/4"	3040 12 1/4	
12 mm	3/8"	3040 12 3/8	
12 mm	1/2"	3040 12 1/2	
14 mm	3/8"	3040 14 3/8	
14 mm	1/2"	3040 14 1/2	
16 mm	3/8"	3040 16 3/8	
16 mm	1/2"	3040 16 1/2	
20 mm	3/4"	3040 20 3/4	

### Espiga doble



Douille double jonction  
Double hose adapter  
Inserto doppio

TUBO PIPE	REFERENCIA PART N°	€
6 mm	3055 6	
8 mm	3055 8	
10 mm	3055 10	

### Espiga macho cilíndrico



Douille mâle cylindrique  
Male hose adapter parallel  
Inserto maschio cilindrico

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
7 mm	1/8"	3045 7 1/8	
7 mm	1/4"	3045 7 1/4	
8 mm	1/8"	3045 8 1/8	
9 mm	1/8"	3045 9 1/8	
9 mm	1/4"	3045 9 1/4	
9 mm	3/8"	3045 9 3/8	
12 mm	1/4"	3045 12 1/4	
12 mm	3/8"	3045 12 3/8	
12 mm	1/2"	3045 12 1/2	

### Espiga hembra



Douille femelle  
Female hose adapter  
Inserto femmina

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
6 mm	1/8"	3050 6 1/8	
7 mm	1/8"	3050 7 1/8	
7 mm	1/4"	3050 7 1/4	
8 mm	1/4"	3050 8 1/4	
9 mm	1/4"	3050 9 1/4	
9 mm	3/8"	3050 9 3/8	
10 mm	3/8"	3050 10 3/8	
12 mm	3/8"	3050 12 3/8	
12 mm	1/2"	3050 12 1/2	

Fittings

Quick release  
couplings

## Codo macho



Raccord coudé mâle-mâle  
Male elbow  
Adattore a 90 maschio conico

ROSCA THREAD	REFERENCIA PART N°	€
1/8"	5000 1/8	
1/4"	5000 1/4	
3/8"	5000 3/8	
1/2"	5000 1/2	
3/4"	5000 3/4	

## Codo cónico macho-hembra



Raccord coudé mâle-femelle conique  
Male-female conical elbow  
Adattore maschio conico-femmina

ROSCA THREAD	REFERENCIA PART N°	€
1/8"	5020 1/8	
1/4"	5020 1/4	
3/8"	5020 3/8	
1/2"	5020 1/2	
3/4"	5020 3/4	

## Codo hembra



Raccord coudé femelle-femelle  
Female elbow  
Adattore a 90 femmina

ROSCA THREAD	REFERENCIA PART N°	€
1/8"	5010 1/8	
1/4"	5010 1/4	
3/8"	5010 3/8	
1/2"	5010 1/2	
3/4"	5010 3/4	

## Te hembra



Raccord en té femelle  
Female tee  
Adattore a T femmina

ROSCA THREAD	REFERENCIA PART N°	€
1/8"	4000 1/8	
1/4"	4000 1/4	
3/8"	4000 3/8	
1/2"	4000 1/2	
3/4"	4000 3/4	

## Te macho central



Raccord en té mâle central  
Centre leg male tee  
Adattore a T maschio conico centrale

ROSCA THREAD	REFERENCIA PART N°	€
1/8"	4040 1/8	
1/4"	4040 1/4	
3/8"	4040 3/8	
1/2"	4040 1/2	
3/4"	4040 3/4	

## Te macho



Raccord en té mâle  
Male tee  
Adattore a T maschio conico

ROSCA THREAD	REFERENCIA PART N°	€
1/8"	4010 1/8	
1/4"	4010 1/4	
3/8"	4010 3/8	
1/2"	4010 1/2	
3/4"	4010 3/4	

## Te lateral macho



Raccord en té mâle latéral  
Off-set male tee  
Adattore a T maschio conico laterale

ROSCA THREAD	REFERENCIA PART N°	€
1/8"	4050 1/8	
1/4"	4050 1/4	
3/8"	4050 3/8	
1/2"	4050 1/2	
3/4"	4050 3/4	

## Accesorios

Accessoires  
Accessories  
Accessori

Pipe

Fittings

### Cruz hembra



Raccord en croix femelle  
Female equal cross  
Croce femmina

ROSCA THREAD	REFERENCIA PART N°	€
1/8"	6020 1/8	
1/4"	6020 1/4	
3/8"	6020 3/8	
1/2"	6020 1/2	

### Derivación en Y 90° macho



Raccord en Y mâle  
90° Male Y  
Adattore a Y maschio

ROSCA THREAD	REFERENCIA PART N°	€
1/8"	6000 1/8	
1/4"	6000 1/4	
3/8"	6000 3/8	
1/2"	6000 1/2	

### Cruz macho



Raccord en croix mâle  
Male equal cross  
Croce maschio

ROSCA THREAD	REFERENCIA PART N°	€
1/8"	6030 1/8	
1/4"	6030 1/4	
3/8"	6030 3/8	
1/2"	6030 1/2	

### Cruz en taco aluminio



Nourrices de distribution en croix taraudée  
Aluminium cross  
Croce in blocco

ROSCA THREAD	REFERENCIA PART N°	€
1/8"	6040 1/8	
1/4"	6040 1/4	
3/8"	6040 3/8	
1/2"	6040 1/2	

### Regleta en taco lateral simple



Nourrices de distribution taraudée  
Aluminium distribution manifold  
Blocco a multiscite

ROSCA THREAD	N° DE SALIDAS N. EXITS	REFERENCIA PART N°	€
(1) 1/8" - (2) 1/4"	2	6047 1/4 1/8 2	
(1) 1/8" - (2) 1/4"	3	6047 1/4 1/8 3	
(1) 1/8" - (2) 1/4"	4	6047 1/4 1/8 4	
(1) 1/8" - (2) 1/4"	5	6047 1/4 1/8 5	
(1) 1/8" - (2) 1/4"	6	6047 1/4 1/8 6	
(1) 1/4" - (2) 3/8"	2	6047 3/8 1/4 2	
(1) 1/4" - (2) 3/8"	3	6047 3/8 1/4 3	
(1) 1/4" - (2) 3/8"	4	6047 3/8 1/4 4	
(1) 1/4" - (2) 3/8"	5	6047 3/8 1/4 5	
(1) 1/4" - (2) 3/8"	6	6047 3/8 1/4 6	
(1) 3/8" - (2) 1/2"	2	6047 1/2 3/8 2	
(1) 3/8" - (2) 1/2"	3	6047 1/2 3/8 3	
(1) 3/8" - (2) 1/2"	4	6047 1/2 3/8 4	
(1) 3/8" - (2) 1/2"	5	6047 1/2 3/8 5	
(1) 3/8" - (2) 1/2"	6	6047 1/2 3/8 6	

Quick release couplings

## Racordaje metálico

Raccords métalliques  
Metallic fittings  
Raccordi metallici

### Automático directo macho



Piquage droit mâle  
Straight male

Automatico diritto maschio

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4	1/8"	MPC 0401	
4	1/4"	MPC 0402	
6	1/8"	MPC 0601	
6	1/4"	MPC 0602	
6	3/8"	MPC 0603	
8	1/8"	MPC 0801	
8	1/4"	MPC 0802	
8	3/8"	MPC 0803	
10	1/8"	MPC 1001	
10	1/4"	MPC 1002	
10	3/8"	MPC 1003	
10	1/2"	MPC 1004	

### Automático codo giratorio macho



Equerre à piquage mâle tournant  
Male elbow

Automatico maschio girevole

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4	1/8"	MPL 0401	
4	1/4"	MPL 0402	
6	1/8"	MPL 0601	
6	1/4"	MPL 0602	
8	1/8"	MPL 0801	
8	1/4"	MPL 0802	
8	3/8"	MPL 0803	
10	1/4"	MPL 1002	
10	3/8"	MPL 1003	
10	1/2"	MPL 1004	

### Automático codo intermedio



Coude d'union à piquage  
Union elbow

Automatico intermedio a 90

TUBO PIPE	REFERENCIA PART N°	€
4	MPUL 04	
6	MPUL 06	
8	MPUL 08	
10	MPUL 10	

### Automático directo macho



Piquage droit mâle cylindrique  
Male straight

Automatico diritto maschio

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4	M5	MPCCI 04M5	
4	1/8"	MPCCI 0401	
4	1/4"	MPCCI 0402	
6	1/8"	MPCCI 0601	
6	1/4"	MPCCI 0602	
6	3/8"	MPCCI 0603	
8	1/8"	MPCCI 0801	
8	1/4"	MPCCI 0802	
8	3/8"	MPCCI 0803	
10	1/4"	MPCCI 1002	
10	3/8"	MPCCI 1003	
10	1/2"	MPCCI 1004	
12	1/4"	MPCCI 1202	
12	3/8"	MPCCI 1203	
12	1/2"	MPCCI 1204	

### Automático codo giratorio



Equerre à piquage mâle tournant  
Male elbow

Automatico girevole

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4	M5	MPLCI 04M5	
4	1/8"	MPLCI 0401	
4	1/4"	MPLCI 0402	
6	1/8"	MPLCI 0601	
6	1/4"	MPLCI 0602	
6	3/8"	MPLCI 0603	
8	1/8"	MPLCI 0801	
8	1/4"	MPLCI 0802	
8	3/8"	MPLCI 0803	
10	1/4"	MPLCI 1002	
10	3/8"	MPLCI 1003	
12	1/4"	MPLCI 1202	
12	3/8"	MPLCI 1203	
12	1/2"	MPLCI 1204	

## Racordaje metálico

Raccords métalliques  
Metallic fittings  
Raccordi metallici

Pipe

Fittings

Quick release couplings

### Automático directo hembra



Piquage droit femelle  
Straight female  
Automatico diritto femmina

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4	1/8"	MPCF 0401	
6	1/8"	MPCF 0601	
6	1/4"	MPCF 0602	
8	1/8"	MPCF 0801	
8	1/4"	MPCF 0802	
10	1/4"	MPCF 1002	
12	3/8"	MPCF 1203	

### Microrregulador para cilindro



Microrégulateur pour vérins  
Elbow speed controller  
Microregolatore per cilindro

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4	1/8"	MSCL 0401	
4	1/4"	MSCL 0402	
6	1/8"	MSCL 0601	
6	1/4"	MSCL 0602	
6	3/8"	MSCL 0603	
8	1/8"	MSCL 0801	
8	1/4"	MSCL 0802	
8	3/8"	MSCL 0803	
10	1/4"	MSCL 1002	

### Automático te central giratorio



Té à piquage mâle tournant central  
Male branch tee  
Automatico T maschio girevole centrale

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4	1/8"	MPTCI 0401	
6	1/8"	MPTCI 0601	
6	1/4"	MPTCI 0602	
8	1/8"	MPTCI 0801	
8	1/4"	MPTCI 0802	
8	3/8"	MPTCI 0803	
10	1/4"	MPTCI 1002	
10	3/8"	MPTCI 1003	
12	3/8"	MPTCI 1203	

### Automático intermedio



Union à piquage  
Straight union  
Automatico intermedio

TUBO PIPE	REFERENCIA PART N°	€
4	MPUC 04	
6	MPUC 06	
8	MPUC 08	
10	MPUC 10	
12	MPUC 12	

### Automático T intermedio



Piquage en Té intermédiaire  
Union tee  
Automatico T intermedio

TUBO PIPE	REFERENCIA PART N°	€
4	MPUT 04	
6	MPUT 06	
8	MPUT 08	
10	MPUT 10	
12	MPUT 12	

### Automático codo orientable



Banjo simple à piquage mâle  
Male banjo  
Automatico estremita tubolare a 90

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
6	1/8"	MPHCI 0601	
8	1/4"	MPHCI 0802	
10	1/4"	MPHCI 1002	

### Automático Y intermedio



Piquage en Y  
Union Y  
Automatico intermedio a Y

TUBO PIPE	REFERENCIA PART N°	€
4	MPY 04	
6	MPY 06	
8	MPY 08	
10	MPY 10	

## Racordaje metálico

Raccords métalliques  
Metallic fittings  
Raccordi metallici

### Automático intermedio pasatabique



Piquage passe-cloison

Bulkhead union

Automatico intermedio passaparete

TUBO PIPE	REFERENCIA PART N°	€
4	<b>MPMM 04</b>	
6	<b>MPMM 06</b>	
8	<b>MPMM 08</b>	
10	<b>MPMM 10</b>	
12	<b>MPMM 12</b>	

### Automático T lateral giratorio



Té à piquage mâle tournant latéral

Male run tee

Automatico T maschio girevole laterale

TUBO PIPE	ROSCA THREAD	REFERENCIA PART N°	€
4	1/8"	<b>MPSTCI 0401</b>	
4	1/4"	<b>MPSTCI 0402</b>	
6	1/8"	<b>MPSTCI 0601</b>	
6	1/4"	<b>MPSTCI 0602</b>	
6	3/8"	<b>MPSTCI 0603</b>	
8	1/8"	<b>MPSTCI 0801</b>	
8	1/4"	<b>MPSTCI 0802</b>	
8	3/8"	<b>MPSTCI 0803</b>	
10	1/4"	<b>MPSTCI 1002</b>	

# Enchufes rápidos neumáticos

Coupleurs pneumatiques  
Quick release couplings  
Innesti rapidi



# 3

- Enchufes rápidos mini industriales 354  
Coupleurs rapides mini-industriels | Automatic quick release couplings industrial | Innesti rapido mini industrial
- Enchufes rápidos Esto 355  
Coupleurs rapides type Esto | Quick release couplings "Esto" | Innesti rapidi tipo ESTO

## ▶ Enchufes rápidos mini industriales

Coupleurs rapides mini-industriels | Automatic quick release couplings industrial | Innesti rapido mini industriali

Pipe

Fittings

### ▶ Enchufes mini - serie mignon | Coupleurs mini - série mignon | Mini serie mignon | Innesti mini- serie mignon

357



111



112



113



114



115



211



212



213



214



215

### ▶ Enchufes mini - serie uni ISO 6150 B-12 | Coupleurs mini - série uni ISO 6150 B-12 | Mini-serie uni ISO 6150 B-12 | Innesti mini -serie uni ISO 6150 B-12

358



121



122



125



221



223



225



222

### ▶ Enchufes mini - serie multipresa | Coupleurs mini - série multiprise | Mini-serie multipress | Innesti mini -serie multipress

359



191



192



193



194



195

## ▶ Enchufes rápidos Esto

Coupleurs rapides type Esto | Quick release couplings "Esto" | Innesti rapidi tipo ESTO

### ▶ **Enchufes 1/4** | Coupleurs 1/4 | Quick couplings 1/4 | Innesto 1/4

360



ESTO 1



ESTO 1



ESTO 1

### ▶ **Enchufes 3/8** | Coupleurs 3/8 | Quick couplings 3/8 | Innesto 3/8

360



ESTO 3



ESTO 3

### ▶ **Enchufes 1/2** | Coupleurs 1/2 | Quick couplings 1/2 | Innesto 1/2

361



ESTO 2



ESTO 2

Pipe

Fittings

Quick release  
couplings



## Enchufes rápidos mini industriales

Coupleurs rapides mini-industriels  
Automatic quick release couplings industrial  
Innesti rapido mini industriali

### Enchufe hembra a rosca macho-serie mignon



Coupleur femelle à mâle- série mignon

Male socket-serie mignon

Innesto femmina a filetto mascho-serie mignon

ROSCA THREAD	REFERENCIA PART N°	€
M 1/8" BSP	111 1/8	
M 1/4" BSP	111 1/4	
M 3/8" BSP	111 3/8	

### Enchufe macho a rosca macho-serie mignon



Coupleur mâle à mâle- série mignon

Male plug-serie mignon

Innesto mascho a filetto mascho-serie mignon

ROSCA THREAD	REFERENCIA PART N°	€
M 1/8" BSP	211 1/8	
M 1/4" BSP	211 1/4	
M 3/8" BSP	211 3/8	

### Enchufe hembra a rosca hembra-serie mignon



Coupleur femelle à femelle- série mignon

Female socket-serie mignon

Innesto femmina a filetto femmina-serie mignon

ROSCA THREAD	REFERENCIA PART N°	€
F 1/8" BSP	112 1/8	
F 1/4" BSP	112 1/4	
F 3/8" BSP	112 3/8	

### Enchufe macho a rosca hembra-serie mignon



Coupleur mâle à femelle- série mignon

Female plug-serie mignon

Innesto mascho a filetto femmina-serie mignon

ROSCA THREAD	REFERENCIA PART N°	€
F 1/8" BSP	212 1/8	
F 1/4" BSP	212 1/4	
F 3/8" BSP	212 3/8	

### Enchufe hembra a tubo muelle-serie mignon



Coupleur femelle à tube ressort- série mignon

Compression socket with spring-serie mignon

Innesto femmina a tubo molla-serie mignon

TUBO PIPE	REFERENCIA PART N°	€
6/4 mm	113 6/4	
8/6 mm	113 8/6	

### Enchufe macho a tubo muelle-serie mignon



Coupleur mâle à tube ressort- série mignon

Compression plug with spring-serie mignon

Innesto mascho a tubo molla-serie mignon

TUBO PIPE	REFERENCIA PART N°	€
6/4 mm	213 6/4	
8/6 mm	213 8/6	

### Enchufe hembra a tubo-serie mignon



Coupleur femelle à tube- série mignon

Compression socket-serie mignon

Innesto femmina a tubo-serie mignon

TUBO PIPE	REFERENCIA PART N°	€
6/4 mm	114 6/4	
8/6 mm	114 8/6	

### Enchufe macho a tubo-serie mignon



Coupleur mâle à tube- série mignon

Compression plug-serie mignon

Innesto mascho a tubo-serie mignon

TUBO PIPE	REFERENCIA PART N°	€
6/4 mm	214 6/4	
8/6 mm	214 8/6	

### Enchufe hembra a espiga-serie mignon



Coupleur femelle à douille- série mignon

Socket with rest for rubber hose-serie mignon

Innesto femmina ad inserto-serie mignon

Ø ESPIGA Ø NIPPLE	REFERENCIA PART N°	€
4 mm	115 4	
6 mm	115 6	
8 mm	115 8	

### Enchufe macho a espiga-serie mignon



Coupleur mâle à douille- série mignon

Plug with rest for rubber hose-serie mignon

Innesto mascho ad inserto-serie mignon

Ø ESPIGA Ø NIPPLE	REFERENCIA PART N°	€
6 mm	215 6	
4 mm	215 4	
8 mm	215 8	

## Enchufes rápidos mini industriales

Coupleurs rapides mini-industriels  
Automatic quick release couplings industrial  
Innesti rapido mini industriali

Pipe

Fittings

### Enchufe hembra a rosca macho - serie uni ISO 6150 B-12



Coupleur femelle à mâle- série uni ISO 6150 B-12

Male socket-serie uni ISO 6150 B-12

Innesto femmina a filetto maschio-serie uni ISO 6150 B-12

ROSCA THREAD	REFERENCIA PART N°	€
M 1/4" BSP	121 1/4	
M 3/8" BSP	121 3/8	
M 1/2" BSP	121 1/2	

### Enchufe macho a tubo muelle - serie uni ISO 6150 B-12



Coupleur mâle à tube ressort- série uni ISO 6150 B-12

Compression plug with spring-serie uni ISO 6150 B-12

Innesto maschio a tubo molla-serie uni ISO 6150 B-12

TUBO PIPE	REFERENCIA PART N°	€
6/4 mm	223 6/4	
8/6 mm	223 8/6	
10/8 mm	223 10/8	
12/10 mm	223 12/10	

### Enchufe hembra a rosca hembra - serie uni ISO 6150 B-12



Coupleur femelle à femelle- série uni ISO 6150 B-12

Female socket-serie uni ISO 6150 B-12

Innesto femmina a filetto femmina-serie uni ISO 6150 B-12

ROSCA THREAD	REFERENCIA PART N°	€
F 1/4" BSP	122 1/4	
F 3/8" BSP	122 3/8	
F 1/2" BSP	122 1/2	

### Enchufe macho a espiga - serie uni ISO 6150 B-12



Coupleur mâle à douille- série uni ISO 6150 B-12

Plug with rest for rubber hose-serie uni ISO 6150 B-12

Innesto maschio ad inserto-serie uni ISO 6150 B-12

Ø ESPIGA Ø NIPPLE	REFERENCIA PART N°	€
6 mm	225 6	
8 mm	225 8	
10 mm	225 10	
12 mm	225 12	

### Enchufe hembra a espiga - serie uni ISO 6150 B-12



Coupleur femelle à douille- série uni ISO 6150 B-12

Socket with rest for rubber hose-serie uni ISO 6150 B-12

Innesto femmina ad inserto-serie uni ISO 6150 B-12

Ø ESPIGA Ø NIPPLE	REFERENCIA PART N°	€
6 mm	125 6	
8 mm	125 8	
10 mm	125 10	
12 mm	125 12	

### Enchufe macho a rosca macho - serie uni ISO 6150 B-12



Coupleur mâle à mâle- série uni ISO 6150 B-12

Male plug-serie uni ISO 6150 B-12

Innesto maschio a filetto maschio-serie uni ISO 6150 B-12

ROSCA THREAD	REFERENCIA PART N°	€
M 1/4" BSP	221 1/4	
M 3/8" BSP	221 3/8	
M 1/2" BSP	221 1/2	

### Enchufe macho a rosca hembra - serie uni ISO 6150 B-12



Coupleur mâle à femelle- série uni ISO 6150 B-12

Female plug-serie uni ISO 6150 B-12

Innesto maschio a filetto femmina-serie uni ISO 6150 B-12

ROSCA THREAD	REFERENCIA PART N°	€
1/4"	222 1/4	
3/8"	222 3/8	
1/2"	222 1/2	

## Enchufes rápidos mini industriales

Coupleurs rapides mini-industriels  
Automatic quick release couplings industrial  
Innesti rapido mini industriali

### Enchufe hembra a rosca macho- serie multipresa



Coupleur femelle à mâle- série multiprise  
Male socket-multipress serie

Innesto femmina a filetto maschio-serie multipress

ROSCA THREAD	REFERENCIA PART N°	€
M 1/4" BSP	191 1/4	
M 3/8" BSP	191 3/8	
M 1/2" BSP	191 1/2	

### Enchufe hembra a rosca hembra- serie multipresa



Coupleur femelle à femelle- série multiprise  
Female socket-multipress serie

Innesto femmina a filetto femmina-serie multipress

ROSCA THREAD	REFERENCIA PART N°	€
F 1/4" BSP	192 1/4	
F 3/8" BSP	192 3/8	
F 1/2" BSP	192 1/2	

### Enchufe hembra con muelle- serie multipresa



Coupleur femelle avec ressort- série multiprise  
Compression socket-multipress serie

Innesto femmina con molla-serie multipress

TUBO PIPE	REFERENCIA PART N°	€
6/4 mm	193 6/4	
8/6 mm	193 8/6	
10/8 mm	193 10/8	

### Enchufe hembra a tubo- serie multipresa



Coupleur femelle à tube- série multiprise

Compression socket with spring-multipress serie  
Innesto femmina a tubo-serie multipress

TUBO PIPE	REFERENCIA PART N°	€
6/4 mm	194 6/4	
8/6 mm	194 8/6	
10/8 mm	194 10/8	

### Enchufe hembra a espiga- serie multipresa



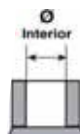
Coupleur femelle à douille- série multiprise  
Compression socket-multipress serie

Innesto femmina ad inserto-serie multipress

Ø ESPIGA Ø NIPPLE	REFERENCIA PART N°	€
6 mm	195 6	
8 mm	195 8	
10 mm	195 10	
12 mm	195 12	

## ENCHUFES RÁPIDOS SERIE MULTIPRESA

Un único enchufe para diferentes tipos de adaptador  
Intercambiable con todos los adaptadores homologados  
en el mercado europeo



Serie 270 - Perfil Standard SVEDESE

Series 270 - SWEDISH Standard

Série 270 - SWISS/SWEDISH Standard

Serie 260 - Perfil Standard EUROPEO

Series 260 - EUROPEAN Standard

Série 260 - EUROPEAN Standard



Serie 250 - Perfil Standard ITALIANO

Series 250 - ITALIAN Standard

Série 250 - ITALIAN Standard

Serie 220 - Perfil UNI ISO 6150 B-12

Series 220 - UNI ISO 6150 B-12

Série 220 - UNI ISO 6150 B-12



## COUPLEURS AUTOMATIQUES SERIE MULTI-PROFILS

1 corps pour 4 embouts

Un corps unique pour être utilisé avec 4 embouts différents

## QUICK COUPLINGS

## SERIE MULTISOCKET

one socket for 4 different plugs

A unique socket to be used with 4 different types of plugs

## Enchufes rápidos Esto

Coupleurs rapides type Esto  
Quick release couplings "Esto"  
Innesti rapidi tipo ESTO

Pipe

Fittings

### Boquilla macho 1/4



Coupleur embout mâle 1/4

Male 1/4 fitting

Innesto maschio 1/4

ROSCA THREAD	Ø ESPIGA Ø NIPPLE	REFERENCIA PART N°	€
M 1/4" BSPT	-	<b>ESTO 160</b>	
M 3/8" BSPT	-	<b>ESTO 163</b>	
M 1/2" BSPT	-	<b>ESTO 162</b>	
F 1/4" BSP	-	<b>ESTO 170</b>	
F 3/8" BSP	-	<b>ESTO 173</b>	
-	6 mm	<b>ESTO 181</b>	
-	8 mm	<b>ESTO 180</b>	
-	10 mm	<b>ESTO 182</b>	

### Enchufes 1/4 ECO



Coupleurs 1/4 ECO

Quick couplings 1/4 ECO

Innesto 1/4 ECO

ROSCA THREAD	Ø ESPIGA Ø NIPPLE	REFERENCIA PART N°	€
M 1/4" BSPT	-	<b>ESTO 1110</b>	
M 3/8" BSPT	-	<b>ESTO 1140</b>	
M 1/2" BSPT	-	<b>ESTO 1142</b>	
F 1/4" BSP	-	<b>ESTO 1120</b>	
F 3/8" BSP	-	<b>ESTO 1150</b>	
F 1/2" BSP	-	<b>ESTO 1152</b>	
-	8 mm	<b>ESTO 1130</b>	
-	10 mm	<b>ESTO 1131</b>	
-	12/13 mm	<b>ESTO 1132</b>	
-	6 mm	<b>ESTO 1136</b>	

### Enchufe hembra 1/4



Coupleur femelle 1/4

Female quick couplings 1/4

Innesto hembra 1/4

ROSCA THREAD	Ø ESPIGA Ø NIPPLE	REFERENCIA PART N°	€
M 1/4" BSPT	-	<b>ESTO 110</b>	
M 3/8" BSPT	-	<b>ESTO 140</b>	
M 1/2" BSPT	-	<b>ESTO 142</b>	
F 1/4" BSP	-	<b>ESTO 120</b>	
F 3/8" BSP	-	<b>ESTO 150</b>	
-	8 mm	<b>ESTO 130</b>	
-	10 mm	<b>ESTO 131</b>	

### Enchufes hembra 3/8



Coupleur femelle 3/8

Female quick coupling 3/8

Innesto femmina 3/8

ROSCA THREAD	Ø ESPIGA Ø NIPPLE	REFERENCIA PART N°	€
M 3/8" BSPT	-	<b>ESTO 310</b>	
M 1/2" BSP	-	<b>ESTO 312</b>	
F 3/8" BSP	-	<b>ESTO 320</b>	
-	12 mm	<b>ESTO 330</b>	

### Boquillas macho 3/8



Coupleur embout mâle 3/8

Male 3/8 fitting

Innesto maschio 3/8

ROSCA THREAD	Ø ESPIGA Ø NIPPLE	REFERENCIA PART N°	€
M 3/8" BSPT	-	<b>ESTO 360</b>	
F 3/8" BSP	-	<b>ESTO 370</b>	
-	12 mm	<b>ESTO 380</b>	

### Enchufes hembra 1/2



Coupleur femelle 1/2

Female quick coupling 1/2

Innesto femmina 1/2

ROSCA THREAD	Ø ESPIGA Ø NIPPLE	REFERENCIA PART N°	€
M 1/2" BSPT	-	<b>ESTO 210</b>	
F 1/2" BSP	-	<b>ESTO 220</b>	

### Boquillas macho 1/2



Coupleur embout mâle 1/2

Male 1/2 fitting

Innesto maschio 1/2

ROSCA THREAD	Ø ESPIGA Ø NIPPLE	REFERENCIA PART N°	€
M 1/2" BSPT	-	<b>ESTO 260</b>	
F 1/2" BSP	-	<b>ESTO 270</b>	



# Solicita nuestro Catálogo de **COMPONENTES** Hidráulicos y Neumáticos

Ask for our Hydraulic and Pneumatic Components Catalogue



## ELEMENTOS INDUSTRIALES

## CILINDROS NEUMÁTICOS

Accesorios neumáticos, Válvulas neumáticas

Cilindros neumáticos y accesorios ISO 6431 y  
Microcilindros neumáticos y accesorios ISO 6432



## INDUSTRIAL ELEMENTS

## CYLINDERS

Pneumatic accessories and valves

Pneumatic cylinders and accessories ISO 6431 y  
Pneumatic micro-cylinders and accessories ISO 6432

## 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 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.

## 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.

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.

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.

### 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.

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 conductions. 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



**PORTES**

La mercancía se entiende siempre depositada en el domicilio de DICSА, incluso en operaciones condicionadas a la entrega en destino y la mercancía siempre 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.ª 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 acarreos, 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 fijos 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.

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 transportations, 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.

# Calidad / Quality

## Producción / Manufacturing



Nuestro Departamento de Calidad garantiza que todos nuestros productos cumplan los niveles de calidad exigidos.

Our Quality Department ensures all products have always the requested high quality we must deliver.

Trazabilidad durante todo el proceso. Desde la materia prima hasta la pieza final suministrada al cliente (Inoxidable).

Traceability for the full process. From stainless steel raw material to final item sent to the customer (Stainless Steel).



## Distribución / Distribution

ISO 9001 / Certificados de Conformidad EN 10204 2.1/  
Certificados de material EN 10204 3.1

ISO 9001 / Certificates of Compliance EN 10204 2.1/  
Certificates of material EN 10204 3.1

Test para latiguillos / Tests estáticos para latiguillos / Tests de impulsión dinámicos

Assemblies Air test / Static tests for assemblies / Dynamic tests for assemblies



## Máquinas de Pruebas / Test machines



Cámara de Niebla  
Salt Spray Chamber



3D CNC  
Máquina de Medición  
Measurement Machine



Banco de Pruebas  
Test Bench



Durómetro Vickers  
Vickers Hardness Tester



BI703 FLEX  
Nuevo Banco de Pruebas  
New Testing Bench







ISO 9001  
BUREAU VERITAS  
Certification

