

## **MANGUERAS**

Hoses  
Tuyaux  
Tubi flessibili

1



## **RACORES PARA TUBERÍA FLEXIBLE**

Flexible hose fittings  
Embouts à sertir  
Raccordi per tubi flessibili

2



## **METROLOGÍA**

Flow measuring  
Test du circuit hydraulique  
Test per circuiti idraulici

3



## **MÁQUINAS TRATAMIENTO TUBO FLEXIBLE**

Equipment for flexible hoses  
Machines pour le montage des flexibles  
Macchine per l'assemblaggio di tubi flessibili

4



**Mangueras hidráulicas TrΔle® GOLD 11**

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

**Mangueras hidráulicas TrΔle® 16**

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

**Mangueras hidráulicas TrΔle® SMOOTH 20**

SMOOTH Hydraulic hoses TrΔle®  
Tuyaux hydrauliques TrΔle® SMOOTH  
Tubi idraulici TrΔle® SMOOTH (lisci)

**Mangueras hidráulicas TrΔle® GREENLINE 21**

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

**Mangueras termoplásticas TrΔle® 22**

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

**Mangueras PTFE TrΔle® 26**

PTFE hoses TrΔle®  
Tuyaux PTFE TrΔle®  
Tubi PTFE TrΔle®

**Mangueras PTFE TrΔle® GREENLINE 28**

Hydraulic hoses PTFE TrΔle® GREENLINE  
Tuyaux hydrauliques PTFE TrΔle® GREENLINE  
Tubi PTFE TrΔle® GREENLINE



# 01

## **MANGUERAS HIDRÁULICAS**

Hydraulic hoses

Tuyaux hydrauliques

Tubi flessibili

## Mangueras hidráulicas TrΔle® GOLD

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

FLEXIBLE HOSE  
FITTINGS

Malla metálica TrΔle® GOLD - RockCover ▪ Steel Braid TrΔle® GOLD - RockCover ▪ Tresse métallique TrΔle® GOLD - RockCover ▪ Treccia metallica TrΔle® GOLD - RockCover | 11



ML2230...RC ML25C...RC ML4290...RC ML3511...RC ML021...RC ML4569...RC

FLOW  
MEASURING

Malla metálica TrΔle® GOLD - DiamondCover ▪ Steel Braid TrΔle® GOLD - DiamondCover ▪ Tresse métallique TrΔle® GOLD - DiamondCover ▪ Treccia metallica TrΔle® GOLD - DiamondCover | 12



ML3511...DC ML4569...DC ML15C...DC

EQUIPMENT FOR  
FLEXIBLE HOSES

Malla metálica TrΔle® GOLD - HighPressure ▪ Steel Braid TrΔle® GOLD - HighPressure ▪ Tresse métallique TrΔle® GOLD - HighPressure ▪ Treccia metallica TrΔle® GOLD - HighPressure | 13



MS25NK

TrΔle® GOLD - FlexyLine ▪ TrΔle® GOLD - FlexyLine ▪ TrΔle® GOLD - FlexyLine ▪ TrΔle® GOLD - FlexyLine | 13



FLEX6000 MFLEX30

## Mangueras hidráulicas TrΔle®

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

Malla textil TrΔle® ▪ TrΔle® Textile braid ▪ Tresse textile TrΔle® ▪ Treccia tessile TrΔle®

16



MSB21 ML7010 MB22 M2503 MB23

Malla metálica TrΔle® ▪ TrΔle® steel braid ▪ Tresse métallique TrΔle® ▪ Treccia metallica TrΔle®

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MS2230 MS3509 MS2SCK MS3511 M15C M25C ML3601 M54290 M4612 MS4569



M4713 MS4815

Agua caliente TrΔle® ▪ TrΔle® Hydrowashing hose for hot water ▪ Tuyau lavage haute pression-TrΔle® ▪ Tubi per idropulitrici ad acqua calda TrΔle®

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MSC011...N MSC021...N MSC011...A MSC021...A MSC022...A MSC020...G

FLEXIBLE HOSE FITTINGS

FLOW MEASURING

EQUIPMENT FOR FLEXIBLE HOSES

## Mangueras hidráulicas TrΔle® SMOOTH

SMOOTH Hydraulic hoses TrΔle®  
 Tuyaux hydrauliques TrΔle® SMOOTH  
 Tubi idraulici TrΔle® SMOOTH (lisci)

Malla metálica TrΔle® SMOOTH ▪ SMOOTH TrΔle® steel braid ▪ Tresse métallique TrΔle® SMOOTH ▪ Treccia metallica TrΔle® SMOOTH

20



MSS2SC

Agua caliente TrΔle® SMOOTH ▪ SMOOTH TrΔle® Hydrowashing hose for hot water ▪ Tuyau lavage haute pression-TrΔle® SMOOTH ▪ Tubi per idropulitrici ad acqua calda TrΔle® SMOOTH

20



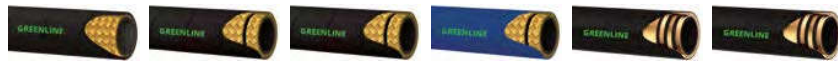
MSCL021...A

## Mangueras hidráulicas TrΔle® GREENLINE

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

Malla metálica TrΔle® GREENLINE ▪ Steel braid TrΔle® GREENLINE ▪ Tresse métallique TrΔle® GREENLINE ▪ Treccia metallica |

21



MW2230

MW25C

MW3511

MWC021...A

MW4290

MW4569

HOSES

FLEXIBLE HOSE  
FITTINGS

FLOW  
MEASURING

EQUIPMENT FOR  
FLEXIBLE HOSES

## Mangueras termoplásticas TrΔle®

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

Malla textil TrΔle® ▪ TrΔle® textile braid ▪ Tresse textile TrΔle® ▪ Treccia tessile TrΔle®

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Malla metálica TrΔle® ▪ TrΔle® steel braid ▪ Tresse métallique TrΔle® ▪ Treccia metallica TrΔle®

23



Limpieza de alcantarillas TrΔle® ▪ Sewer jetting hose TrΔle® ▪ Tuyau hydrocurage TrΔle® ▪ Tubi per la pulizia di fognature

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## Mangueras PTFE TrΔle®

PTFE hoses TrΔle®  
Tuyaux PTFE TrΔle®  
Tubi PTFE TrΔle®

PTFE liso ▪ Smooth PTFE ▪ PTFE lisse ▪ PTFE liscio

| 26



M2950

M2900

M29012

Mangueras Freno ▪ Brake hoses ▪ Tuyau de frein ▪ Tubi freni

| 26



M29620

PTFE corrugado ▪ Convolutated PTFE ▪ PTFE convoluté ▪ PTFE corrugato

| 27



M2920

M2985

M2980

M2930

PTFE Liso PTFLEX ▪ PTFLEX Smooth PTFE ▪ PTFE Lisse PTFLEX ▪ PTFE Liscio PTFLEX

| 27



M2940

## Mangueras PTFE TrΔle® GREENLINE

Hydraulic hoses PTFE TrΔle® GREENLINE  
Tuyaux hydrauliques PTFE TrΔle® GREENLINE  
Tubi PTFE TrΔle® GREENLINE

PTFE liso TrΔle® GREENLINE ▪ Smooth PTFE TrΔle® GREENLINE ▪ PTFE lisse TrΔle® GREENLINE ▪ PTFE liscioTrΔle® GREENLINE

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MW29

FLEXIBLE HOSE  
FITTINGS

FLOW  
MEASURING

EQUIPMENT FOR  
FLEXIBLE HOSES

## Mangueras hidráulicas TrΔle® GOLD

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

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

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

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

Tubo 1SN / R1AT TrΔle® Gold - RockCover



DN	Referencia Part n°	€
1/4"	ML223004RC	
5/16"	ML223005RC	
3/8"	ML223006RC	
1/2"	ML223008RC	
5/8"	ML223010RC	
3/4"	ML223012RC	
1"	ML223016RC	
1 1/4"	ML223020RC	
1 1/2"	ML223024RC	
2"	ML223032RC	

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

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

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

Tubo 2SN / R2AT TrΔle® Gold -RockCover



DN	Referencia Part n°	€
1/4"	ML351104RC	
5/16"	ML351105RC	
3/8"	ML351106RC	
1/2"	ML351108RC	
5/8"	ML351110RC	
3/4"	ML351112RC	
1"	ML351116RC	
1 1/4"	ML351120RC	
1 1/2"	ML351124RC	
2"	ML351132RC	

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

EN 857 2SC hose TrΔle® Gold - RockCover

Tuyau TrΔle® Gold EN 857 2SC - RockCover

Tubo 2SC TrΔle® Gold - RockCover



DN	Referencia Part n°	€
1/4"	ML25C04RC	
3/8"	ML25C06RC	
1/2"	ML25C08RC	
5/8"	ML25C10RC	
3/4"	ML25C12RC	
1"	ML25C16RC	

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

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

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

Tubo nero acqua calda 2 trecce 400 bar TrΔle® Gold - RockCover



DN	Referencia Part n°	€
5/16"	MLC0215NRC	
3/8"	MLC0216NRC	

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

EN 856 4SP hose TrΔle® Gold - RockCover

Tuyau TrΔle® Gold EN 856 4SP - RockCover

Tubo 4SP TrΔle® Gold - RockCover



DN	Referencia Part n°	€
3/8"	ML429006RC	
1/2"	ML429008RC	
5/8"	ML429010RC	
3/4"	ML429012RC	
1"	ML429016RC	

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

EN 856 4SH hose TrΔle® Gold - RockCover

Tuyau TrΔle® Gold EN 856 4SH - RockCover

Tubo 4SH TrΔle® Gold - RockCover



DN	Referencia Part n°	€
3/4"	ML456912RC	
1"	ML456916RC	
1 1/4"	ML456920RC	
1 1/2"	ML456924RC	
2"	ML456932RC	

**TrΔle® GOLD RockCover**

**RESISTENCIA EXTREMA**

**EXTREME RESISTANCE**

HOSES

FLEXIBLE HOSE FITTINGS

FLOW MEASURING

EQUIPMENT FOR FLEXIBLE HOSES

## Mangueras hidráulicas TrΔle® GOLD

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

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

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

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

Tubo 2SN / R2AT TrΔle® Gold -DiamondCover



DN	Referencia Part n°	€
1/4"	ML351104DC	
3/8"	ML351106DC	
1/2"	ML351108DC	

### Manguera TrΔle® Gold EN 857 1SC – DiamondCover

EN 857 1SC hose TrΔle® Gold - DiamondCover

Tuyau TrΔle® Gold EN 857 1SC - DiamondCover

Tubo 1SC TrΔle® Gold - DiamondCover



DN	Referencia Part n°	€
1/4"	ML1SC04DC	
3/8"	ML1SC06DC	
1/2"	ML1SC08DC	

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

EN 856 4SH hose TrΔle® Gold - DiamondCover

Tuyau TrΔle® Gold EN 856 4SH - DiamondCover

Tubo 4SH TrΔle® Gold - DiamondCover

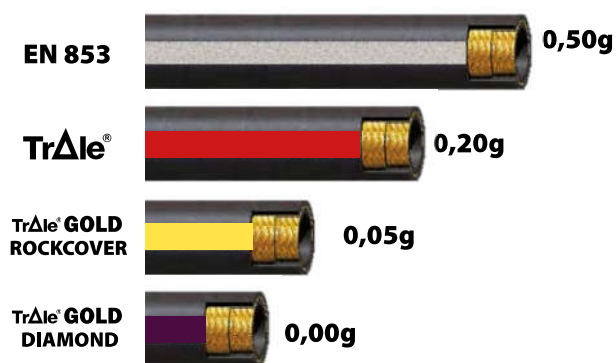


DN	Referencia Part n°	€
3/4"	ML456912DC	
1"	ML456916DC	

### RESISTENCIA A LA ABRASIÓN (ISO 6495)

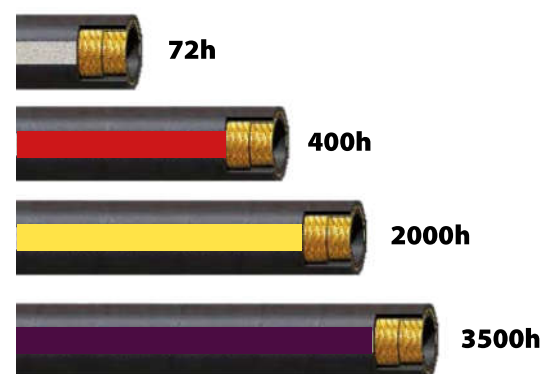
ABRASION RESISTANCE

25N / 2000 cycles



### RESISTENCIA AL OZONO (ISO 7326)

OZONE RESISTANCE



## CUBIERTA UHMPE COVER

# DIAMOND COVER

TODOS NUESTROS MODELOS DE ROCKCOVER DISPONIBLES EN

ALL OUR ROCKCOVER HOSES AVAILABLE WITH

## Mangueras hidráulicas TrΔle® GOLD

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

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

EN857 2SNK hose TrΔle® Gold - HighPressure

Tuyau TrΔle® Gold EN857 2SNK - HighPressure

Tubo 2SNK TrΔle® Gold - HighPressure



DN	Referencia Part n°	€
1/4"	MS2SNK04	
5/16"	MS2SNK05	
3/8"	MS2SNK06	
1/2"	MS2SNK08	
5/8"	MS2SNK10	
3/4"	MS2SNK12	
1"	MS2SNK16	

### SAE 100 R17

SAE 100 R17

SAE 100 R17

Tubo SAE 100 R17 TrΔle® Gold



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

### FLEXLINE 6000

FLEXLINE 6000

FLEXLINE 6000

Tubo FLEXLINE 6000 TrΔle® Gold



DN	Referencia Part n°	€
3/4"	MFLEX6012	
1"	MFLEX6016	
1"1/4	MFLEX6020	
1"1/2	MFLEX6024	

**NEW**

# TRΔLE® GOLD MFLEX6

R15 + ALTA FLEXIBILIDAD  
HIGH FLEXIBILITY

HOSES

FLEXIBLE HOSE  
FITTINGS

FLOW  
MEASURING

EQUIPMENT FOR  
FLEXIBLE HOSES

## Mangueras hidráulicas TrΔle®

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

### Manguera EN 854 1TE / SAE 100 R6

EN 854 1TE / SAE 100 R6 Hose

Tuyau EN 854 1TE / SAE 100 R6

Tubo EN 854 1TE / SAE 100 R6 TrΔle®



DN	Referencia Part n°	€
1/4"	MSB2104	
5/16"	MSB2105	
3/8"	MSB2106	
1/2"	MSB2108	
5/8"	MSB2110	
3/4"	MSB2112	
1"	MSB2116	

### Manguera SAE 100 R4

SAE 100 R4 Hose

Tuyau SAE 100 R4

Tubo SAE 100 R4 TrΔle®



DN	Referencia Part n°	€
3/4"	ML701019	
1"	ML701025	
1"1/4	ML701032	
1"1/2	ML701038	
2"	ML701050	
2"1/2	ML701063	

### Manguera EN 854 2TE

EN 854 2TE Hose

Tuyau EN 854 2TE

Tubo EN 854 2TE TrΔle®



DN	Referencia Part n°	€
1/4"	MB2204	
5/16"	MB2205	
3/8"	MB2206	
1/2"	MB2208	
5/8"	MB2210	
3/4"	MB2212	
1"	MB2216	

### Manguera SAE 100 R5

SAE 100 R5 Hose

Tuyau SAE 100 R5

Tubo SAE 100 R5 TrΔle®



DN	Referencia Part n°	€
3/16"	M250304	
1/4"	M250305	
5/16"	M250306	
13/32"	M250308	
1/2"	M250310	
5/8"	M250312	
7/8"	M250316	
1"1/8	M250320	
1"3/8	M250324	
1"13/16	M250332	

### Manguera EN 854 3TE

EN 854 3TE Hose

Tuyau EN 854 3TE

Tubo EN 854 3TE TrΔle®



DN	Referencia Part n°	€
1/4"	MB2304	
5/16"	MB2305	
3/8"	MB2306	
1/2"	MB2308	
5/8"	MB2310	
3/4"	MB2312	
1"	MB2316	

## Mangueras hidráulicas TrΔle®

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

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

EN 853 1SN / SAE 100 R1AT Hose

Tuyau EN 853 1SN / SAE 100 R1AT

Tubo EN 853 1SN / SAE 100 R1AT



DN	Referencia Part n°	€
3/16"	MS223003	
1/4"	MS223004	
5/16"	MS223005	
3/8"	MS223006	
1/2"	MS223008	
5/8"	MS223010	
3/4"	MS223012	
1"	MS223016	
1"1/4	MS223020	
1"1/2	MS223024	
2"	MS223032	

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

EN 853 2ST / SAE 100 R2A Hose

Tuyau EN 853 2ST / SAE 100 R2A

Tubo EN 853 2ST / SAE 100 R2A TrΔle®



DN	Referencia Part n°	€
1/4"	MS350904	
5/16"	MS350905	
3/8"	MS350906	
1/2"	MS350908	
5/8"	MS350910	
3/4"	MS350912	
1"	MS350916	
1"1/4	MS350920	
1"1/2	MS350924	
2"	MS350932	

### Manguera 2SCK

2SCK Hose

Tuyau 2SCK

Tubo 2SCK TrΔle®



DN	Referencia Part n°	€
1/4"	MS2SCK04	
5/16"	MS2SCK05	
3/8"	MS2SCK06	
1/2"	MS2SCK08	
5/8"	MS2SCK10	
3/4"	MS2SCK12	
1"	MS2SCK16	

2SCK

**+PRESIÓN** + PRESSURE  
**+FLEXIBILIDAD** + FLEXIBILITY

**MEJOR PRECIO**  
BETTER PRICES



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

EN 853 2SN / SAE 100 R2AT Hose

Tuyau EN 853 2SN / SAE 100 R2AT

Tubo EN 853 2SN / SAE 100 R2AT TrΔle®



DN	Referencia Part n°	€
3/16"	MS351103	
1/4"	MS351104	
5/16"	MS351105	
3/8"	MS351106	
1/2"	MS351108	
5/8"	MS351110	
3/4"	MS351112	
1"	MS351116	
1"1/4	MS351120	
1"1/2	MS351124	
2"	MS351132	
2"1/2	MS351140	
3"	MS351148	

### Manguera EN 857 1SC

EN 857 1SC Hose

Tuyau EN 857 1SC

Tubo EN 857 1SC TrΔle®



DN	Referencia Part n°	€
1/4"	M1SC04	
5/16"	M1SC05	
3/8"	M1SC06	
1/2"	M1SC08	
5/8"	M1SC10	
3/4"	M1SC12	
1"	M1SC16	

### Manguera EN 857 2SC

EN 857 2SC Hose

Tuyau EN 857 2SC

Tubo EN 857 2SC TrΔle®



DN	Referencia Part n°	€
1/4"	M2SCK04	
5/16"	M2SCK05	
3/8"	M2SCK06	
1/2"	M2SCK08	
5/8"	M2SCK10	
3/4"	M2SCK12	
1"	M2SCK16	



2SC  
**BITUBO TWIN**

Consultar | On Request



## Mangueras hidráulicas TrΔle®

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

### Manguera hidráulica 3SP

3SP Braids Hoses

Tuyau 3SP

Tubo 3SP TrΔle®



DN	Referencia Part n°	€
3/8"	MS36010600	
1/2"	MS36010800	
5/8"	MS36011000	
3/4"	MS36011200	
1"	MS36011600	

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

EN 856 4SP / SAE 100 R9R-R10 Hose

Tuyau EN 856 4SP / SAE 100 R9R-R10

Tubo EN 856 4SP / SAE 100 R9R-R10 TrΔle®



DN	Referencia Part n°	€
1/4"	MS429004	
3/8"	MS429006	
1/2"	MS429008	
5/8"	MS429010	
3/4"	MS429012	
1"	MS429016	
1"1/4	MS424820	
1"1/2	MS424824	
2"	MS424832	

### Manguera EN 856 R12 / SAE 100 R12

EN 856 R12 / SAE 100 R12 Hose

Tuyau EN 856 R12 / SAE 100 R12

Tubo EN 856 / SAE 100 R12 TrΔle®



DN	Referencia Part n°	€
3/8"	M461206	
1/2"	M461208	
5/8"	M461210	
3/4"	M461212	
1"	M461216	
1"1/4	M461220	
1"1/2	M461224	

### Manguera EN 856 4SH

EN 856 4SH Hose

Tuyau EN 856 4SH

Tubo EN 856 4SH TrΔle®



DN	Referencia Part n°	€
3/4"	MS456912	
1"	MS456916	
1"1/4	MS456920	
1"1/2	MS456924	
2"	MS456932	

### Manguera EN 856 R13 / SAE 100 R13

EN 856 R13 / SAE 100 R13 Hose

Tuyau EN 856 R13 / SAE 100 R13

Tubo EN 856 / SAE 100 R13 TrΔle®



DN	Referencia Part n°	€
3/4"	M471312	
1"	M471316	
1"1/4	M471320	
1"1/2	M471324	
2"	M471332	

### Manguera SAE 100 R15

SAE 100 R15 Hose

Tuyau SAE 100 R15

Tubo SAE 100 R15 TrΔle®



DN	Referencia Part n°	€
3/4"	MS481512	
1"	MS481516	
1"1/4	MS481520	
1"1/2	MS481524	
2"	MS481532	

# ALTA FLEXIBILIDAD EN MONTAJE

## MANGUERA TRΔLE® 4 Y 6 MALLAS

**TRΔLE® HOSES  
4 & 6 BRAIDS**

# ASSEMBLY HIGH FLEXIBILITY

## Mangueras hidráulicas TrΔle®

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

### Superservicio agua caliente 1SC negra

Hot water superservice 1SC black

Superservice eau chaude 1SC noir

Tubo acqua calda 1SC nero TrΔle®



DN	Referencia Part n°	€
1/4"	MSC0114N	
5/16"	MSC0115N	
3/8"	MSC0116N	
1/2"	MSC0118N*	

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

### Superservicio agua caliente 2SC negra

Hot water superservice 2SC black

Superservice eau chaude 2SC noir

Tubo acqua calda 2SC nero TrΔle®



DN	Referencia Part n°	€
1/4"	MSC0214N	
5/16"	MSC0215N	
3/8"	MSC0216N	

### Superservicio agua caliente 1SC azul

Hot water superservice 1SC blue

Superservice eau chaude 1SC bleu

Tubo acqua calda 1SC azzurro TrΔle®



DN	Referencia Part n°	€
1/4"	MSC0114A	
5/16"	MSC0115A	
3/8"	MSC0116A	
1/2"	MSC0118A	

### Superservicio agua caliente 2SC azul

Hot water superservice 2SC blue

Superservice eau chaude 2SC bleu

Tubo acqua calda 2SC azzurro TrΔle®



DN	Referencia Part n°	€
1/4"	MSC0214A	
5/16"	MSC0215A	
3/8"	MSC0216A	
1/2"	MSC0218A	

### Superservicio agua caliente 2ST azul

Hot water superservice 2ST blue

Superservice eau chaude 2ST bleu

Tubo acqua calda 2ST azzurro TrΔle®



DN	Referencia Part n°	€
5/16"	MSC0225A	
3/8"	MSC0226A	

### Superservicio agua caliente 2SC gris

Hot water superservice 2SC grey

Superservice eau chaude 2SC gris

Tubo acqua calda 2SC grigio TrΔle®



DN	Referencia Part n°	€
5/16"	MSC0205G	
3/8"	MSC0206G	



HOSES

FLEXIBLE HOSE FITTINGS

FLOW MEASURING

EQUIPMENT FOR FLEXIBLE HOSES

## Mangueras hidráulicas TrΔle® SMOOTH

SMOOTH Hydraulic hoses TrΔle®  
Tuyaux hydrauliques TrΔle® SMOOTH  
Tubi idraulici TrΔle® SMOOTH (lisci)

### Manguera EN 857 2SC TrΔle® SMOOTH

EN 857 2SC Hose TrΔle® SMOOTH

Tuyau EN 857 2SC TrΔle® SMOOTH

Tubo EN 857 2SC TrΔle® SMOOTH (liscio)



### Agua caliente 2 mallas azul TrΔle® SMOOTH

Hot water blue 2 braids TrΔle® SMOOTH

Eau chaude 2 tresses bleu TrΔle® SMOOTH

Tubo acqua calda 2 trecce azzurro TrΔle® SMOOTH (liscio)



DN	Referencia Part n°	€
1/4"	MSS2SC04	
5/16"	MSS2SC05	
3/8"	MSS2SC06	
1/2"	MSS2SC08	
5/8"	MSS2SC10	
3/4"	MSS2SC12	
1"	MSS2SC16	

DN	Referencia Part n°	€
5/16"	MSCLO215A	
3/8"	MSCLO216A	



# CUBIERTA LISA SMOOTH COVER

1SN / 1SC / 2SN

Bajo consulta / On request

- + Más fácil de pasar a través de un sistema complejo.  
Smooth cover hose will be easier to route through a complex system.
- + Mantiene la misma resistencia al ozono y la abrasión  
Same Ozone & Abrasion resistance

## Mangueras hidráulicas TrΔle® GREENLINE

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

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

EN 853 1SN / SAE 100 R1AT Hose

Tuyau EN 853 1SN / SAE 100 R1AT

Tubo EN 853 1SN / SAE 100 R1AT



DN	Referencia Part n°	€
1/4"	MW223004	
5/16"	MW223005	
3/8"	MW223006	
1/2"	MW223008	
5/8"	MW223010	
3/4"	MW223012	
1"	MW223016	
1"1/4	MW223020	
1"1/2	MW223024	

### Manguera EN 857 2SC

EN 857 2SC Hose

Tuyau EN 857 2SC

Tubo EN 857 2SC



DN	Referencia Part n°	€
1/4"	MW25C04	
5/16"	MW25C05	
3/8"	MW25C06	
1/2"	MW25C08	

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

EN 853 2SN / SAE 100 R2AT Hose

Tuyau EN 853 2SN / SAE 100 R2AT

Tubo EN 853 2SN / SAE 100 R2AT



DN	Referencia Part n°	€
1/4"	MW351104	
5/16"	MW351105	
3/8"	MW351106	
1/2"	MW351108	
5/8"	MW351110	
3/4"	MW351112	
1"	MW351116	
1"1/4	MW351120	
1"1/2	MW351124	

### Superservicio agua caliente 2SC azul

Hot water superservice 2SC blue

Superservice eau chaude 2SC bleu

Tubo acqua calda 2SC azzurro



DN	Referencia Part n°	€
5/16"	MWC0215A	
3/8"	MWC0216A	

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

EN 856 4SP / SAE 100 R9R-R10 Hose

Tuyau EN 856 4SP / SAE 100 R9R-R10

Tubo EN 856 4SP / SAE 100 R9R-R10



DN	Referencia Part n°	€
3/8"	MW429006	
1/2"	MW429008	
5/8"	MW429010	

### Manguera EN 856 4SH

EN 856 4SH Hose

Tuyau EN 856 4SH

Tubo EN 856 4SH TrΔle®



DN	Referencia Part n°	€
3/4"	MW456912	
1"	MW456916	
1"1/4	MW456920	

HOSES

FLEXIBLE HOSE  
FITTINGS

FLOW  
MEASURING

EQUIPMENT FOR  
FLEXIBLE HOSES

## Mangueras termoplásticas TrΔle®

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

### SAE 100 R7

SAE 100 R7

SAE 100 R7

Tubo termoplastico SAE 100 R7



DN	Referencia Part n°	€
1/8"	MT07002	
3/16"	MT07003	
1/4"	MT07004	
5/16"	MT07005	
3/8"	MT07006	
1/2"	MT07008	
5/8"	MT07010	
3/4"	MT07012	
1"	MT07016	

### SAE 100 R7 Bitubo

SAE 100 R7 Twin

SAE 100 R7 Jumelé

Tubo termoplastico SAE 100 R7 binato



DN	Referencia Part n°	€
3/16"	MT27003	
1/4"	MT27004	
5/16"	MT27005	
3/8"	MT27006	
1/2"	MT27008	

### SAE 100 R7 no conductiva

SAE 100 R7 non-conductive

SAE 100 R7 non-conducteur

Tubo termoplastico SAE 100 R7 non conduttivo



DN	Referencia Part n°	€
3/16"	MT07103	
1/4"	MT07104	
5/16"	MT07105	
3/8"	MT07106	
1/2"	MT07108	
5/8"	MT07110	
3/4"	MT07112	
1"	MT07116	

### SAE 100 R8

SAE 100 R8

SAE 100 R8

Tubo termoplastico SAE 100 R8



DN	Referencia Part n°	€
3/16"	MT08003	
1/4"	MT08004	
5/16"	MT08005	
3/8"	MT08006	
1/2"	MT08008	
5/8"	MT08010	
3/4"	MT08012	
1"	MT08016	

### SAE 100 R8 Bitubo

SAE 100 R8 Twin

SAE 100 R8 Jumelé

Tubo termoplastico SAE 100 R8 binato



DN	Referencia Part n°	€
1/4"	MT28004	
5/16"	MT28005	
3/8"	MT28006	
1/2"	MT28008	

### SAE 100 R8 no conductiva

SAE 100 R8 non-conductive

SAE 100 R8 non-conducteur

Tubo termoplastico SAE 100 R8 non conduttivo



DN	Referencia Part n°	€
1/4"	MT08104	
5/16"	MT08105	
3/8"	MT08106	
1/2"	MT08108	
5/8"	MT08110	
3/4"	MT08112	
1"	MT08116	

### Micro- Hose

Micro- Hose

Micro- Hose

Micro- Tubo



Ø INT. Ø INNER	Referencia Part n°	€
2	MT01002	

## Mangueras termoplásticas TrΔle®

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

### Termoplásticas Push-on

Thermoplastic Push-on

Thermoplastique Push-on

Tubo termoplastico Push-On



DN	Referencia Part n°	€
1/4"	MP189004	
3/8"	MP189006	
1/2"	MP189008	
5/8"	MP189010	
3/4"	MP189012	

Consultar conexiones PUSH ON pág.101 / See PUSH ON fittings page 101 / Voir Raccords PUSH ON page 101 / Vedere Raccordi PUSH ON pag 101

### Elastómero malla metálica

Steel braid thermoplastic elastomer

Elastomère tresse métallique

Tubo termoplastico treccia metallica



DN	Referencia Part n°	€
3/16"	MT09003	
1/4"	MT09004	
5/16"	MT09005	
3/8"	MT09006	
1/2"	MT09008	
5/8"	MT09010	
3/4"	MT09012	
1"	MT09016	

### Elastómero malla metálica bitubo

Steel braid twin thermoplastic elastomer

Elastomère tresse métallique jumelé

Tubo termoplastico treccia metallica binato



DN	Referencia Part n°	€
3/16"	MT29003	
1/4"	MT29004	
5/16"	MT29005	
3/8"	MT29006	
1/2"	MT29008	

### Elastómero malla metálica pintura

Steel braid thermoplastic elastomer for paint

Elastomère 1 tresse métallique peinture

Tubo termopl. treccia met. per vernici



DN	Referencia Part n°	€
3/16"	MT099003	
1/4"	MT099004	
3/8"	MT099006	
1/2"	MT099008	
3/4"	MT099012	

### Elastómero doble malla metálica pintura

Double steel braid thermoplastic elastomer for paint

Elastomère 2 tresses métalliques peinture

Tubo termopl. doppia treccia met. per vernici



DN	Referencia Part n°	€
1/4"	MT299004	21,76
3/8"	MT299006	31,78
1/2"	MT299008	36,74

### Termoplástica doble malla metálica para productos químicos

Steel braid elastomer for chemical products

Elastomère tresse métallique pour produits chimiques

Tubo termopl. treccia met. per sostanze chimiche



DN	Referencia Part n°	€
1/4"	MT096004	
3/8"	MT096006	
1/2"	MT096008	
5/8"	MT096010	
3/4"	MT096012	
1"	MT096016	

### Manguera termoplástica 700 bar

Thermoplastic hose 700 bar

Tuyau thermoplastique haute pression 700 bar

Tubo termoplastico 700 bar



DN	Referencia Part n°	€
1/4"	MT70004	
3/8"	MT70006	

### Isobárica baja temperatura

Isobaric low temperature

Isobarique basse température

Tubo termopl. isobarico bassa temperatura



DN	Referencia Part n°	€
1/4"	MT095004	
3/8"	MT095006	
1/2"	MT095008	

## Mangueras termoplásticas TrΔle®

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

### Ecology 200

Ecology 200

Ecology 200

Tubo termoplastico Ecology 200



DN	LONGITUD (m) LENGTH (m)	Referencia Part n°	€
3/4"	80	MEC2001280	
3/4"	120	MEC20012	
3/4"	160	MEC20012160	
1"	80	MEC2001680	
1"	120	MEC20016	
1"	160	MEC20016160	

### Casquillos para manguera Ecology

Ferrules for Ecology hose

Jupes pour tuyau Ecology

Boccola inox per tubi Ecology



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

Acero inoxidable AISI 316-L. Ver precios en Catalogo Inox p.23 / Stainless steel AISI 316-L. Prices in Stainless Steel Catalogue p.23 / Acier inoxydable AISI 316-L. Prix dans le Catalogue Acier Inox p.23 / Acciaio inossidabile AISI 316-L. Prezzi in Acciaio Inossidabile p.23

### Ecology 250

Ecology 250

Ecology 250

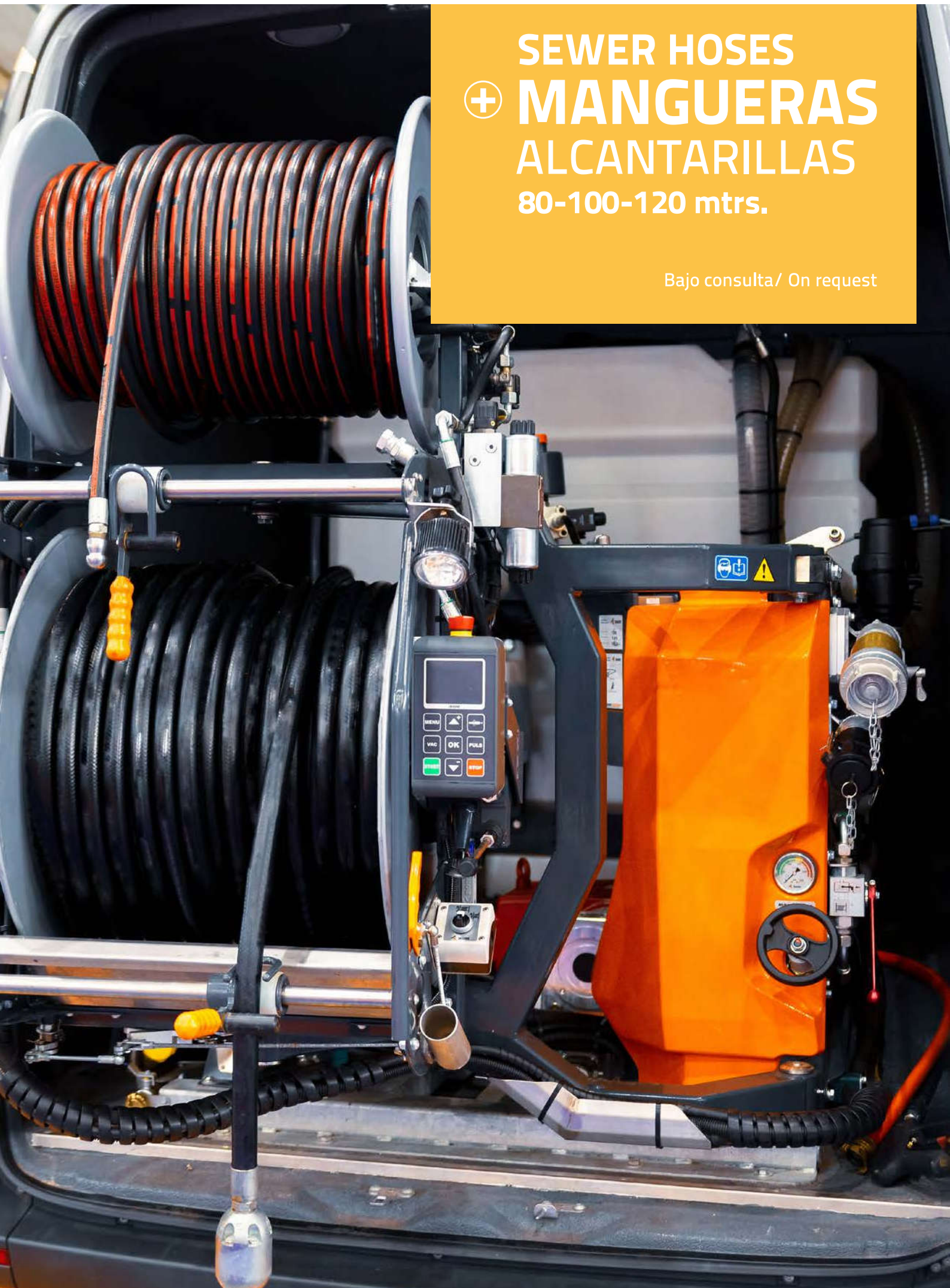
Tubo termoplastico Ecology 250



DN	LONGITUD (m) LENGTH (m)	Referencia Part n°	€
3/4"	80	MEC2501280	
3/4"	120	MEC25012	
3/4"	160	MEC25012160	
1"	80	MEC2501680	
1"	120	MEC25016	
1"	160	MEC25016160	
1" 1/4	80	MEC2502080	
1" 1/4	120	MEC25020	
1" 1/4	160	MEC25020160	

# SEWER HOSES + MANGUERAS ALCANTARILLAS 80-100-120 mtrs.

Bajo consulta/ On request



## Mangueras PTFE TrΔle®

PTFE hoses TrΔle®  
Tuyaux PTFE TrΔle®  
Tubi PTFE TrΔle®

### PTFE sin malla

PTFE without braid

PTFE sans tresse

Tubo PTFE liscio (senza treccia)



TUBO PIPE	LONGITUD (m) LENGTH (m)	Referencia Part n°	€/ rollo €/roll
2x4 mm	25	M2950204	*
4x6 mm	25	M2950406	*
6x8 mm	25	M2950608	*
2x4 mm	100	M2950204-100	*
4x6 mm	100	M2950406-100	*
6x8 mm	100	M2950608-100	*

\*Ver precios en página 384 / \*See prices page 384 / \*Voir les prix page 384 / \*Vedere prezzi p. 384

### PTFE Liso 1 malla SAE100 R14

FHL (light) / Smooth PTFE SAE100 R14

FHL (série légère) SAE100 R14

Tubo PTFE liscio con treccia



DN	Referencia Part n°	€
1/8"	M290003	
3/16"	M290005	
1/4"	M290006	
5/16"	M290008	
3/8"	M290009	
1/2"	M290013	
5/8"	M290016	
3/4"	M290020	
1"	M290025	

### PTFE Liso grueso 2 mallas

FHM 2 Braids

FHM 2 tresses

Tubo PTFE liscio doppia treccia



DN	Referencia Part n°	€
1/4"	M2901206	
5/16"	M2901208	
3/8"	M2901209	
1/2"	M2901213	
5/8"	M2901216	
3/4"	M2901219	
1"	M2901225	

### Mangueras freno con funda transparente

Brake hose with transparent cover

Tuyau de frein avec couvercle transparent

Tubo PTFE freno (copertura trasparente)



DN	Referencia Part n°	€
1/8"	M29620301	

**PTFE**

**pPVC 86 Sh A**

**AISI 304S15**

**SISTEMAS DE FRENADO**  
**MOTORCYCLE BRAKING SYSTEMS**

Consultar | On request

**321 BAR**

**966 BAR**

**38mm**

**-10° to +70°C\***

**DIFFERENT COLORS**

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

## Mangueras PTFE TrΔle®

PTFE hoses TrΔle®  
Tuyaux PTFE TrΔle®  
Tubi PTFE TrΔle®

### PTFE corrugado 1 malla

Convuluted PTFE 1 braid

PTFE convoluté 1 tresse

Tubo PTFE corrugato con treccia



DN	Referencia Part n°	€
1/4"	M292006	
3/8"	M292009	
1/2"	M292013	
5/8"	M292016	
3/4"	M292020	
1"	M292025	
1" 1/4	M292032	
1" 1/2	M292038	
2"	M292050	

### PTFE corrugado con fibra de vidrio 1 malla

Convuluted PTFE with fiberglass 1 braid

PTFE convoluté avec fibre de verre 1 tresse

Tubo PTFE - fibra di vetro con treccia



DN	Referencia Part n°	€
3/8"	M298509	*
1/2"	M298513	*
3/4"	M298520	*
1"	M298525	*
1" 1/4	M298532	*

### PTFE corrugado con fibra de vidrio 1 malla DNV

Convuluted PTFE with fiberglass 1 braid DNV

PTFE convoluté avec fibre de verre 1 tresse DNV

Tubo PTFE - fibra di vetro con treccia DNV



DN	Referencia Part n°	€
3/8"	M298009	
1/2"	M298013	
3/4"	M298020	
1"	M298025	
1" 1/4	M298032	

### PTFE corrugado anti-estático 1 malla

Anti-static convuluted PTFE 1 braid

PTFE convoluté anti-statique 1 tresse

Tubo PTFE corrugato anti-statico con treccia



DN	Referencia Part n°	€
3/8"	M293009	
1/2"	M293013	
3/4"	M293020	
1"	M293025	

### PTFE Liso PTFLEX

PTFLEX Smooth PTFE

PTFE Lisse PTFLEX

Tubo PTFE liscio PTFLEX



DN	Referencia Part n°	€
3/4"	M294020	
1"	M294025	
1" 1/4	M294032	



## Mangueras PTFE TrΔle® GREENLINE

Hydraulic hoses PTFE TrΔle® GREENLINE  
 Tuyaux hydrauliques PTFE TrΔle® GREENLINE  
 Tubi PTFE TrΔle® GREENLINE

### PTFE liso 1 malla

FHL (light) / Smooth PTFE

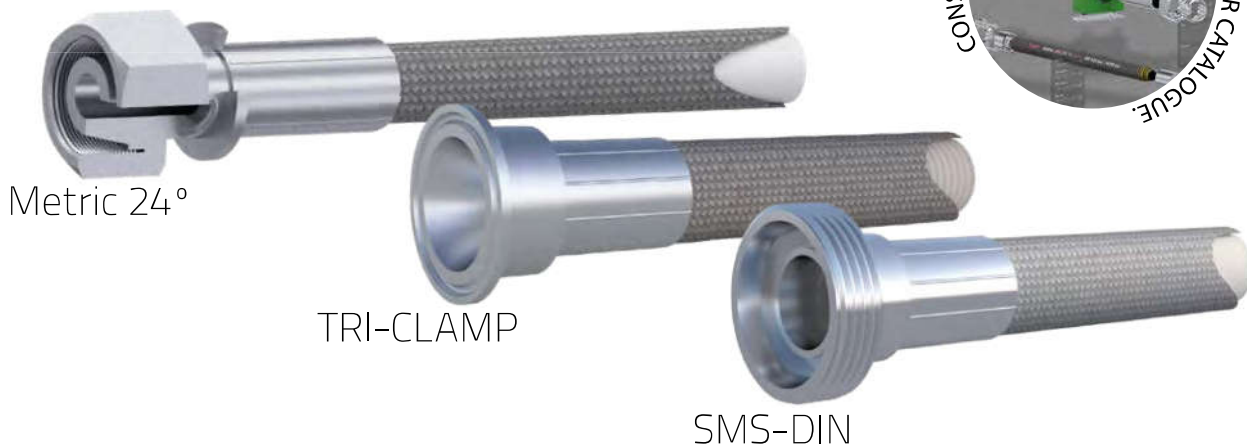
FHL (série légère)

Tubo PTFE liscio con treccia



DN	Referencia Part n°	€
1/4"	MW290006	
5/16"	MW290008	
3/8"	MW290009	
1/2"	MW290013	

## CONEXIONES INOX ESPECIAL PTFE STAINLESS STEEL PTFE FITTINGS



Metric 24°

TRI-CLAMP

SMS-DIN

## **Conexiones Serie Standard 45**

Standard series fittings  
Embouts série Standard  
Raccordi serie Standard

## **Conexiones Serie BW+ R13/R15 No Pelar 66**

Fittings BW+ Series R13/R15 No Skive  
Embouts R13/R15 Série BW+ Sans dénuder  
Raccordi serie BW+ R13/R15 senza spellatura

## **Conexiones Serie Interlock 70**

Interlock series fittings  
Embouts à sertir Interlock  
Raccordi serie Interlock

## **Conexiones Serie 43 una sola pieza 79** **1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17**

One piece fittings 43 Series  
1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
Embouts pré-sertis Série 43  
1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
Raccordi un pezzo Serie 43  
1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

## **Conexiones una sola pieza Serie BWS 92** **3SP/4SP/R12/4SH No Pelar**

One piece fittings BWS SERIES  
3SP/4SP/R12/4SH NO SKIVE  
Embouts pré-sertis BWS  
3SP/4SP/R12/4SH Sans dénuder  
Raccordi compatti serie  
BWS R12/4SP/4SH Serie BW senza spellatura

## **Conexiones una pieza Serie BW+ 98** **R13/R15 No Pelar**

One piece fittings BW+ Series R13/R15 No Skive  
Embouts R13/R15 Série BW+ Sans dénuder  
Raccordi R13/R15 Serie BW+ senza spellatura

## **Conexiones Serie Reusables 100**

Reusable series fittings  
Embouts Récuperables  
Raccordi serie Recuperabile

## **Conexiones PUSH ON 101**

PUSH ON series fittings  
Embouts PUSH ON  
Raccordi serie PUSH ON

## **Conexiones Alta presión (700 Bar) 102**

High pressure 700 Bar fittings  
Embouts haute pression 700 Bar  
Raccordi altissima pressione (700 Bar)



# 02

## **RACORES PARA TUBERIA FLEXIBLE**

Flexible hose fittings

Embouts à sertir

Raccordi per tubi flessibili



# STANDARD SERIES

Serie Standard



SAE 100 R6	EN 854 2TE	EN 854 3TE	SAE 100 R17	EN 857 2SC SUPERSERVICE 2SC 155°	EN 853 1SN SAE 100 R1AT 1SNK	EN 853 2SN SAE 100 R2AT 2SNK	EXCEED EN 857 2SCK	EN 857 2SC SUPERSERVICE 2SC 155°
DI23		DI2212		SC2112...	SC2112 / DI2212		DI2212	

EN 853 2ST SAE100 R2A	EN 856 4SP SAE 100 R9R	EN 856 R12 SAE 100	3SP	EN 856 4SP SAE 100 R9R	EN 856 4SH	EN856 R12 SAE 100	EN 856 R13 SAE 100	SAE 100 R15
DI1224			NO PELAR NO SKIVE		DI2224		3/4"-1"	

SAE 100 R7 EN 855	SAE 100 R8 EN 855	Metallic 1 braid	Metallic 2 braid	Ecology 200	Ecology 250
DI23		DI23	DI1224	Z2120...	

Smooth PTFE R14 1 braid	Convuluted PTFE Standard	PTFLEX	Smooth PTFE R14 1 braid	Smooth PTFE 2 braid	Standard Convuluted PTFE	Fiberglass Convuluted PTFE	Antistatic Convuluted PTFE
28040		21041	21040	21045	21041		

Datos de tablas de prensado siempre actualizados en nuestra web: www.dicsaes.com / Crimping information always updated on our website: www.dicsaes.com  
 Consulta nuestras mangueras con cubiertas Gold RockCover / Check our Hoses with Gold RockCover



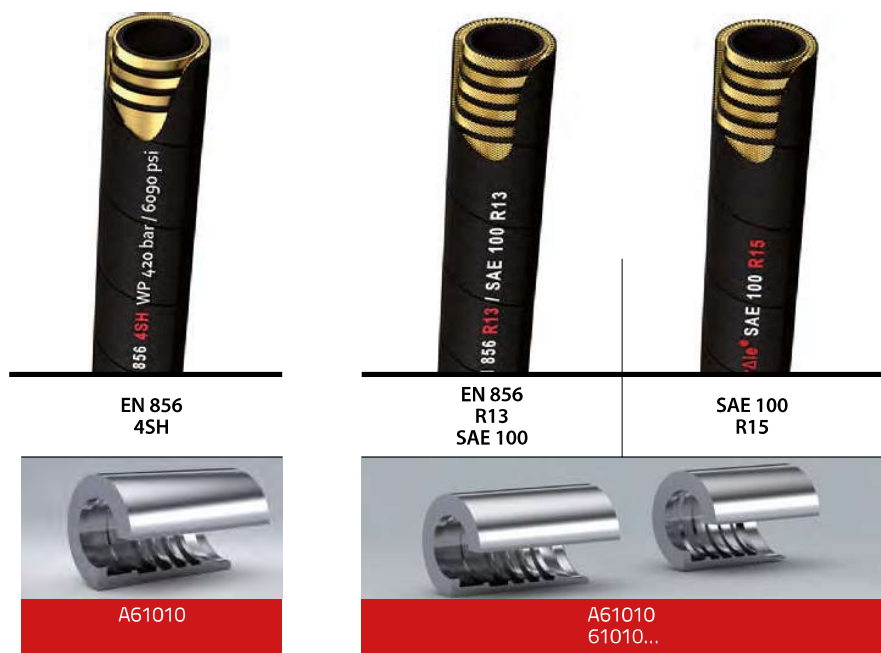
## BW+ SERIES NO SKIVE

Serie BW+ no pelar



## INTERLOCK SERIES

Serie Interlock



HOSES

## Conexiones Serie Standard

Standard series fittings  
Embouts série Standard  
Raccordi serie Standard

FLEXIBLE HOSE FITTINGS

FLOW MEASURING

EQUIPMENT FOR FLEXIBLE HOSES

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

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### Conexiones BSP/BSPT ▪ BSP/BSPT Fittings ▪ Embouts BSP/BSPT ▪ Raccordi BSP/BSPT

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### Conexiones JIC 37º ▪ JIC 37º Fittings ▪ Embouts JIC 37º ▪ Raccordi JIC 37º

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### Conexiones Métricas DIN 2353/ISO8434-1 ▪ Metric fittings DIN 2353/ISO8434-1 ▪ Embouts Métriques DIN 2353/ISO8434-1 ▪ Raccordi Metrici DIN DIN 2353/ISO8434-1

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### Conexiones NPT/NPSM ▪ NPT/NPSM Fittings ▪ Embouts NPT/NPSM ▪ Raccordi NPT/NPSM

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### Conexiones Serie Japonesa ▪ Fittings Japanese Serie ▪ Embouts Série Japonaise ▪ Raccordi Serie Giapponese

59



### Conexiones Métricas Serie Francesa ▪ Metric fittings French Serie ▪ Embouts Métriques Série Française ▪ Raccordi Metrici Serie Francese

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## Conexiones Serie Standard

Standard series fittings  
 Embouts série Standard  
 Raccordi serie Standard

HOSES

FLEXIBLE HOSE FITTINGS

FLOW MEASURING

EQUIPMENT FOR FLEXIBLE HOSES

Conexiones ORFS ▪ ORFS Fittings ▪ Embouts ORFS ▪ Raccordi ORFS

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Bridas SAE 3000/6000/9000 PSI ▪ 3000/6000 PSI SAE Flanges ▪ Brides SAE 3000/6000 PSI ▪ Flangia SAE 3000/6000 PSI

62



Bridas fijación SAE ▪ SAE Flanges ▪ Brides SAE ▪ Flangia SAE

64



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

65



Conexiones CO2 ▪ CO2 Fittings ▪ Embouts CO2 ▪ Raccordi CO2

65



## Conexiones Serie BW+ R13/R15 No Pelar

Fittings BW+ Series R13/R15 No Skive  
 Embouts R13/R15 Série BW+ Sans denuder  
 Raccordi serie BW+ R13/R15 senza spellatura

Casquillos serie BW/BW+ ▪ Ferrules BW/BW+ series ▪ Jupes à sertir BW/BW+ ▪ Boccole pressare serie BW/BW+ | 66



AC69010

Conexiones BSP ▪ BSP Fittings ▪ Embouts BSP ▪ Raccordi BSP | 66



66117



66118



66112



66510



66517



66518

Conexiones JIC 37º ▪ JIC 37º Fittings ▪ Embouts JIC 37º ▪ Raccordi JIC 37º | 67



66140



66542



66538



66539

Conexiones Métricas DIN 2353 ▪ Metric fittings ▪ Embouts Métriques ▪ Raccordi Metrici | 67



66205



66206

Bridas SAE 3000/6000 PSI ▪ SAE Flanges 3000/6000 PSI ▪ Brides SAE 3000/6000 PSI ▪ Flangia SAE 3000/6000 PSI | 68



66282



66283



66284

Conexiones ORFS ▪ ORFS Fittings ▪ Embouts ORFS ▪ Raccordi ORFS | 68



66901



66907



66908



## Conexiones Serie Interlock

Interlock series fittings  
 Embouts à sertir Interlock  
 Raccordi serie Interlock

HOSES

FLEXIBLE HOSE FITTINGS

Casquillos ▪ Crimping ferrules ▪ Jupes ▪ Boccole a pressare

70



A61010

61010

Conexiones BSP ▪ BSP Fittings ▪ Embouts BSP ▪ Raccordi BSP

70



64107

64108

64112

64161

64500

64507

64508

Conexiones JIC 37º ▪ JIC 37º Fittings ▪ Embouts JIC 37º ▪ Raccordi JIC 37º

72



64138

64139

64140

64542

64538

64539

Conexiones Métricas DIN 2353 ▪ Metric fittings DIN 2353 ▪ Embouts Métriques DIN 2353 ▪ Raccordi Metrici DIN 2353

73



64204

64206

64205

64203

Racores para martillo ▪ Fittings for hammer ▪ Embouts pour marteau ▪ Raccordi per martello

73



NAM

Conexiones ORFS ▪ ORFS fittings ▪ Embouts ORFS ▪ Raccordi ORFS

74



64900

64908

64907

Bridas SAE 3000/6000 PSI ▪ 3000/6000 PSI SAE Flanges ▪ Embouts brides SAE 3000/6000 PSI ▪ Flangia SAE 3000/6000 PSI

75



64182

64183

64184

64282

64283

64284

Bridas 9000 PSI ▪ 9000 PSI Flanges ▪ Embouts brides 9000 PSI ▪ Flangia 9000 PSI

76



64382

64384

64383

Bridas Poclairn ▪ Poclairn flanges ▪ Embouts brides Poclairn ▪ Flangia Poclairn

77



64801

44805

44807

64802

44806

FLOW MEASURING

EQUIPMENT FOR FLEXIBLE HOSES

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

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
 Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
 Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Casquillos para racores de una sola pieza ▪ Ferrules for one piece fittings ▪ Jupes pour embouts pré-sertis ▪ Boccole per raccordi un pezzo

79



5C2112 PFC2212 DI2224 DI2300 28040 28041 AC69010

Conexiones una sola pieza JIC 37º ▪ One piece JIC 37º fittings ▪ Embouts pré-sertis JIC 37º ▪ Raccordi un pezzo JIC 37º

80



28142 28140 28242 28138 28139

Conexiones una sola pieza NPT-NPSM ▪ One piece NPT-NPSM fittings ▪ Embouts pré-sertis NPT-NPSM ▪ Raccordi un pezzo NPT-NPSM

81



28161 28261

Conexiones una sola pieza ORFS ▪ One piece ORFS fittings ▪ Embouts pré-sertis ORFS ▪ Raccordi un pezzo ORFS

82



28900 28907 28912 28908

Conexiones una sola pieza Bridas SAE 3000/6000 PSI ▪ One piece SAE Flanges fittings 3000/6000 PSI ▪ Embouts pré-sertis Brides SAE 3000/6000 PSI ▪ Raccordi un pezzo Flange SAE 3000/6000 PSI

83



28182 28183 28184 28282 28283 28284

Conexiones una sola pieza Bridas SAE 9000 PSI ▪ One piece SAE Flanges fittings 9000 PSI ▪ Embouts pré-sertis Brides SAE 9000 PSI ▪ Raccordi un pezzo Flange SAE 9000 PSI

84



48282 48283 48284

Conexiones una sola pieza Métricas ▪ One piece Metric fittings ▪ Embouts pré-sertis Métriques ▪ Raccordi un pezzo Metrici

85



28804 28203 28305 28306 28116 28404 28405 28406 28158 28804



28300

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

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

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

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

Conexiones una sola pieza BSP - BSPT ▪ One piece BSP - BSPT fittings ▪ Embouts pré-sertis BSP - BSPT ▪ Raccordi un pezzo BSP - BSPT

88



HOSES

FLEXIBLE HOSE FITTINGS

FLOW MEASURING

EQUIPMENT FOR FLEXIBLE HOSES

## Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar

One piece fittings BWS SERIES 3SP/4SP/R12/4SH NO SKIVE

Embouts pré-sertis BWS 3SP/4SP/R12/4SH Sans dénuder

Raccordi compatti serie BWS R12/4SP/4SH Serie BW senza spellatura

Conexiones una sola pieza JIC 37° ▪ One piece JIC 37° fittings ▪ Embouts pré-sertis JIC 37° ▪ Raccordi compatti JIC 37° | 92



58140

58142

58138

58139

58242

Conexiones una sola pieza ORFS ▪ One piece ORFS fittings ▪ Embouts pré-sertis ORFS ▪ Raccordi compatti ORFS | 93



58900

58907

58908

58912

Conexiones una sola pieza NPT-NPSM ▪ One piece NPT-NPSM fittings ▪ Embouts pré-sertis NPT-NPSM ▪ Raccordi compatti NPT-NPSM | 93



58261

58161

Conexiones una sola pieza Bridas SAE ▪ One piece SAE Flanges fittings ▪ Embouts pré-sertis Brides SAE ▪ Raccordi compatti Flange SAE | 94



58182

58183

58184

58282

58283

58284

Conexiones una sola pieza Métricas ▪ One piece Metric fittings ▪ Embouts pré-sertis Métriques ▪ Raccordi compatti Metrici | 95



58804

58305

58306

58203

Conexiones una sola pieza BSP ▪ One piece BSP fittings ▪ Embouts pré-sertis BSP ▪ Raccordi compatti BSP | 96



58110

58117

58118

58112

58400

58200

## Conexiones una pieza Serie BW+ R13/R15 No Pelar

One piece fittings BW+ Series R13/R15 No Skive  
 Embouts R13/R15 Série BW+ Sans denuder  
 Raccordi R13/R15 Serie BW+ senza spellatura

Conexiones JIC 37º ▪ JIC 37º fittings ▪ Embouts JIC 37º ▪ Raccordi JIC 37º

98



Conexiones ORFS ▪ ORFS fittings ▪ Embouts ORFS ▪ Raccordi ORFS

98



Bridas SAE ▪ SAE Flanges ▪ Brides SAE ▪ Flange SAE

99



Conexiones BSP ▪ BSP fittings ▪ Embouts BSP ▪ Raccordi BSP

99



HOSES

FLEXIBLE HOSE  
FITTINGS

FLOW  
MEASURING

EQUIPMENT FOR  
FLEXIBLE HOSES

## Conexiones Serie Reusables

Reusable series fittings  
Embouts Récuperables  
Raccordi serie Recuperabile

Casquillos ▪ Ferrules ▪ Jupes ▪ Boccole recuperabili

| 100



A1G-...R1T

A1G-...R2T

Conexiones ▪ Fittings ▪ Embouts ▪ Raccordi recuperabili

| 100



A3G

A90G

A2G

AE

A3J

## Conexiones PUSH ON

PUSH ON series fittings

Embouts PUSH ON

Raccordi serie PUSH ON

HOSES

Conexiones PUSH ON BSP ▪ PUSH ON BSP series fittings ▪ Embouts PUSH ON BSP ▪ Raccordi serie PUSH ON BSP | 101



39100

39112

Conexiones Push-On JIC 37° ▪ PUSH ON JIC 37° series fittings ▪ Embouts PUSH ON JIC 37° ▪ Raccordi serie PUSH ON JIC 37° | 101



39142

39140

Conexiones Push-On NPT ▪ PUSH ON NPT series fittings ▪ Embouts PUSH ON NPT ▪ Raccordi serie PUSH ON NPT | 101



39161

Conexiones Push-On Métricas DIN 2383 ▪ PUSH ON Metrics series fittings ▪ Embouts PUSH ON Métrique ▪ Raccordi serie PUSH ON Metrica | 101



39804

39203

FLEXIBLE HOSE FITTINGS

FLOW MEASURING

EQUIPMENT FOR FLEXIBLE HOSES

## Conexiones Alta presión (700 Bar)

High pressure 700 Bar fittings  
Embouts haute pression 700 Bar  
Raccordi altissima pressione (700 Bar)

Casquillos ▪ Ferrules ▪ Jupes à sertir ▪ Boccole

| 102



MT700



71012

Conexiones ▪ Fittings ▪ Embouts ▪ Raccordi

| 102



74100



74112



74161





## Conexiones Serie Standard

Standard series fittings  
Embouts série Standard  
Raccordi serie Standard

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

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

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

Boccola a pressare R1AT-1SN/R2AT-2SN/2SC/R16/3TE



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	
2" 1/2	DI221204000	
3"	DI221204800	

### Casquillos R4

Ferrules R4

Jupes à sertir R4

Boccola a pressare R4



DN	Referencia Part n°	€
3/4"	DI221201200R4	

Para otros tamaños, consultar tabla de prensado en nuestra web. / For other sizes, please check out the crimping table on our website. / Pour les autres dimensions, voir tableau de sertissage disponible sur notre site web. / Per altre dimensioni, vedere tabella di pressatura nel ns. sito web

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

Ferrules SAE 100 R6, R7, R8 and steel braid

Jupes à sertir R6, R7, R8 et tresse métallique

Boccola a pressare R6, R7, R8 e treccia metallica



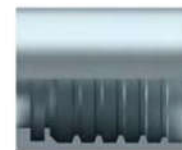
DN	Referencia Part n°	€
1/8"	DI2300200	
3/16"	DI2300300	
1/4"	DI2300400	
5/16"	DI2300500	
3/8"	DI2300600	
1/2"	DI2300800	
5/8"	DI2301000	
3/4"	DI2301200	
1"	DI2301600	

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

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

Jupes à sertir 1SC/1SN/2SC/R6/2TE

Boccola a pressare per 1SC/2SC/R1AT-1SN/R6/2TE



DN	Referencia Part n°	€
1/4"	SC21120400	
5/16"	SC21120500	
3/8"	SC21120600	
1/2"	SC21120800	
5/8"	SC21121000	
3/4"	SC21121200	
1"	SC21121600	

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

Ferrules R2A/R9R/2ST/4SP

Jupes à sertir R2A/R9R/2ST/4SP

Boccola a pressare R9R-4SP/R2A-2ST



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

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

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

Boccola a pressare 4SP/4SH/R12/3SP senza spellatura



DN	Referencia Part n°	€
3/8"	DI222400600	
1/2"	DI222400800	
5/8"	DI222401000	
3/4"	DI222401200	
1"	DI222401600	
1" 1/4	DI222402000	
1" 1/2	DI222402400	
2"	DI222403200	

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

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



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

**NO PELAR | NO SKIVING**  
**3SP | 4SP | R12 | 4SH**

**ESPIGA STANDARD | STANDARD SERIES**



DI2224...

## Conexiones Serie Standard

Standard series fittings  
Embouts série Standard  
Raccordi serie Standard



### Casquillos PTFE Liso alta presión SAE 100 R14

Ferrules for Smooth PTFE SAE 100 R14

Jupes à sertir pour PTFE Lisse haute pression SAE 100 R14

Boccola tubo PTFE liscio SAE 100 R14



DN	Referencia Part n°	€
1/8"	210400100	
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 liso doble malla alta presión

Ferrules for Smooth PTFE high pressure hose with two braids

Jupes à sertir pour PTFE Lisse double tresse haute pression

Boccola tubo PTFE liscio doppia treccia



DN	Referencia Part n°	€
1/4"	210450400	
3/8"	210450600	

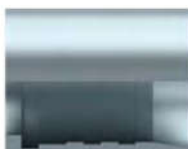
Para otros tamaños, consultar tabla de prensado en nuestra web. / For other sizes, please check out the crimping table on our website. / Pour les autres dimensions, voir tableau de sertissage disponible sur notre site web. / Per altre dimensioni, vedere tabella di pressatura nel ns. sito web

### Casquillos PTFE Corrugado alta presión

Ferrules for Convuluted PTFE

Jupes à sertir PTFE Convoluté haute pression

Boccola tubo PTFE corrugato



DN	Referencia Part n°	€
1/4"	210410400	
3/8"	210410600	
1/2"	210410800	
5/8"	210411000	
3/4"	210411201	
1"	210411600	
1" 1/4	210412001	
1" 1/2	210412400	
2"	210413200	

### Casquillos PTFE Liso alta presión SAE 100 R14 perfil liso

Ferrules for Smooth PTFE SAE 100 R14 smooth surface

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

Boccola tubo PTFE liscio SAE 100 R14 con interno liscio



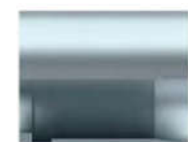
DN	Referencia Part n°	€
1/4"	280400400	
5/16"	280400500	
3/8"	280400600	
1/2"	280400800	
5/8"	280401000	

### Casquillos PTFE Corrugado alta presión perfil liso

Ferrules for Convuluted PTFE smooth surface

Jupes à sertir PTFE Convoluté haute pression surface lisse

Boccola tubo PTFE corrugato con interno liscio



DN	Referencia Part n°	€
1/4"	280410400	
3/8"	280410600	
1/2"	280410800	
5/8"	280411000	
3/4"	280411200	



FACIL MONTAJE  
EASY ASSEMBLY

VALIDO PARA CONEXIONES DE 1 Y 2 PIEZAS  
SUITABLE FOR 1 & 2 PIECE FITTINGS



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

## Conexiones Serie Standard

Standard series fittings  
Embouts série Standard  
Raccordi serie Standard

### Hembras giratorias rectas BSP cono 60°

BSP Swivel female 60° cone

Femelle tournante gaz cyl BSP 60°

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	
2"	2" 1/2 BSP	241004032	
2" 1/2"	2" 1/2 BSP	241004040	
3"	3" BSP	241004848	

Para medidas de 1" 1/4, 1" 1/2 y 2" ver con junta / For sizes of 1" 1/4, 1" 1/2 y 2" see with o-ring / Pour les dimensions de 1" 1/4, 1" 1/2 y 2" voir avec o-ring / Per quelli più grandi di 1" 1/4, 1" 1/2 y 2" vedere con o-ring

### Hembras giratorias BSP 60° doble hexagono

BSP Swivel female 60° cone double hex.

Femelle tournante BSP cône 60° double hexagonal

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°

BSP Swivel female 60° cone (90° Elbow)

Coude 90° femelle tournante gaz cyl BSP 60°

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 / For those bigger than 1" see with o-ring / Pour ceux plus grand que 1" voir avec o-ring / Per quelli più grandi di 1" vedere con o-ring

### Hembras giratorias 45° BSP cono 60°

BSP Swivel female 60° cone (45° Elbow)

Coude 45° femelle tournante gaz cyl BSP 60°

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	

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

## Conexiones Serie Standard

Standard series fittings  
Embouts série Standard  
Raccordi serie Standard



FLEXIBLE HOSE FITTINGS

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

BSP Swivel female 60° with o'ring

Femelle tournante droit gaz cyl BSP 60° + 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	

FLOW MEASURING

EQUIPMENT FOR FLEXIBLE HOSES

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

BSP Swivel female 60° with o'ring, loose nut

Femelle tournante droite gaz cyl BSP 60° + o'ring, écrou libre

Femmina diritta BSP 60° con o'ring (dado libero)



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	241100404L	
3/8"	3/8" BSP	241100606L	
1/2"	1/2" BSP	241100808L	

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

BSP Swivel female 60° with o'ring, loose nut (90° Elbow)

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

Femmina 90° BSP 60° con o'ring (dado libero)



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	241170404L	
3/8"	3/8" BSP	241170606L	
1/2"	1/2" BSP	241170808L	

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

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

Coude 90° femelle tournante gaz cyl BSP 60° + 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	

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

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

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

Femmina a 45° BSP sede 60° con o'ring



DN	ROSCA THREAD	Referencia Part n°	€
3/8"	3/8" BSP	241180606	
1/2"	1/2" BSP	241180808	
5/8"	5/8" BSP	241181010	
3/4"	3/4" BSP	241181212	
1"	1" BSP	241181616	
1"1/4	1"1/4 BSP	241182020	
1"1/2	1"1/2 BSP	241182424	
2"	2" BSP	241183232	



## Conexiones Serie Standard

Standard series fittings  
Embouts série Standard  
Raccordi serie Standard

### Hembras giratorias rectas BSP asiento plano

BSP Swivel female flat seat

Femelle tournante fond plat BSP

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	
1/2"	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 90° BSP asiento plano

BSP Swivel female flat seat (90° Elbow)

Embout à sertir coude 90° femelle tournante fond plat BSP

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	

### Macho rosca cilíndrica BSP asiento plano

BSP Male flat seat

Mâle fixe gaz cyl fond plat

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	

### Juntas asiento plano BSP

BSP flat seat gaskets

Joint à siège plat BSP

Guarnizione per femmina sede piana BSP



ROSCA THREAD	TAMAÑO SIZE	Referencia Part n°	€
1/4" BSP	10,5x5x2	JNBRAP04	
3/8" BSP	14,5x8x2	JNBRAP06	
1/2" BSP	18x11x2	JNBRAP08	
3/4" BSP	24x13x2	JNBRAP12	
1" BSP	29,5x20x2,5	JNBRAP16	
1" 1/4 BSP	38x29x2,5	JNBRAP20	
1" 1/2 BSP	44x30x2,5	JNBRAP24	
2" BSP	56x46x2,5	JNBRAP32	

HOSES

FLEXIBLE HOSE  
FITTINGS

FLOW  
MEASURING

EQUIPMENT FOR  
FLEXIBLE HOSES

HOSES

FLEXIBLE HOSE FITTINGS

FLOW MEASURING

EQUIPMENT FOR FLEXIBLE HOSES

## Conexiones Serie Standard

Standard series fittings  
Embouts série Standard  
Raccordi serie Standard

**TrAle®**

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

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

Coude 90° femelle tournante forge gaz cyl BSP 60°

Femmina compatta 90° BSP 60°



### Macho rosca cónica BSPT

BSPT Male tapered

Mâle fixe gaz conique BSPT

Maschio conico BSPT



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	241270404	
5/16"	3/8" BSP	241270605	
3/8"	3/8" BSP	241270606	
3/8"	1/2" BSP	241270806	
1/2"	1/2" BSP	241270808	
5/8"	3/4" BSP	241271210	
3/4"	3/4" BSP	241271212	

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" BSPT	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 cilíndrica BSP cono 60°

BSP Male parallel 60° cone

Mâle fixe gaz cyl BSP 60°

Maschio cilindrico BSP 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	



## Conexiones Serie Standard

Standard series fittings  
Embouts série Standard  
Raccordi serie Standard

### Orientable BSP

Banjo BSP

Embout Banjo droit gaz

Raccordo ad occhio BSP



DN	∅	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

BSP bolt for Banjo

Vis creuse simple pour banjo filetage gaz BSP

Bullone forato BSP



ROSCA THREAD	Referencia Part n°	*€
1/8" BSP	A109002	*
1/4" BSP	A109004	*
3/8" BSP	A109006	*
1/2" BSP	A109008	*
5/8" BSP	A109010	*
3/4" BSP	A109012	*
1" BSP	A109016	*
1"1/4 BSP	A109020	*

\*Ver precios en p.296 (ADAPTADORES BSP) / \*See prices in p.296 (BSP ADAPTORS) / \*Prix à la p.296 (ADAPTEURS BSP) / \*Vedere prezzi p.296 (ADATTATORI BSP)

HOSES

FLEXIBLE HOSE  
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## Conexiones Serie Standard

Standard series fittings  
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### Hembras giratorias rectas JIC 37°

JIC Swivel female 37° cone

Femelle tournante droite JIC cône 37°

Femmina diritta JIC 37°



### Hembras giratorias 90° JIC 37°

JIC Swivel female 37° cone (90° Elbow)

Coude 90° femelle tournante cône JIC 37°

Femmina a 90° 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	

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 rectas JIC 37° doble hexagono

JIC swivel female 37° cone double hex,

Femelle JIC 37° double hexagonal

Femmina diritta JIC 37° doppio esagono



### Hembras giratorias 45° JIC 37°

JIC swivel female 37° cone (45° Elbow)

Coude 45° femelle tournante cône JIC 37°

Femmina a 45° JIC 37°



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	

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	





## Conexiones Serie Standard

Standard series fittings  
Embouts série Standard  
Raccordi serie Standard

### Macho JIC 37°

Male JIC 37° cone

Mâle fixe JIC cône 37°

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	

### Espigas de prensar dobles

Double hose tail for crimping

Embout double jonction

Giunzione tubo-tubo



DN	Referencia Part n°	€
1/4"	243000404	
5/16"	243000505	
5/16" -- 3/8"	243000506	
3/8"	243000606	
1/2"	243000808	
3/4"	243001212	
1"	243001616	

### Machos Stecko

Stecko male connections

Mâle fixe Stecko

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 Serie Standard

Standard series fittings  
Embouts série Standard  
Raccordi serie Standard



### Hembras giratorias Métricas cono 24° (L) con junta

Metric swivel female 24° (L) cone with o'ring

Femelle tournante droite Métrique (L) cône 24° + o'ring

Femmina diritta metrica sede 24° + O'ring - serie leggera L



### Hembras giratorias Métricas cono 24° (S) con junta

Metric swivel female 24° (S) cone with o'ring

Femelle tournante droite Métrique (L) cône 24° + o'ring

Femmina diritta metrica sede 24° + O'ring - serie pesante S



DN	TUBO PIPE	ROSCA THREAD	SERIE SERIES	Referencia Part n°	€
3/16"	6	12X1,5	L	24804120603	
1/4"	6	12X1,5	L	24804120604	
1/4"	8	14X1,5	L	24804140804	
5/16"	8	14x1,5	L	24804140805	
3/8"	8	14x1,5	L	24804140806	
1/4"	10	16X1,5	L	24804161004	
5/16"	10	16X1,5	L	24804161005	
3/8"	10	16X1,5	L	24804161006	
1/4"	12	18X1,5	L	24804181204	
5/16"	12	18X1,5	L	24804181205	
3/8"	12	18X1,5	L	24804181206	
1/2"	12	18x1,5	L	24804181208	
1/4"	15	22x1,5	L	24804221504	
5/16"	15	22x1,5	L	24804221505	
3/8"	15	22X1,5	L	24804221506	
1/2"	15	22X1,5	L	24804221508	
3/8"	18	26x1,5	L	24804261806	
1/2"	18	26X1,5	L	24804261808	
5/8"	18	26X1,5	L	24804261810	
3/4"	18	26x1,5	L	24804261812	
1/2"	22	30x2	L	24804302208	
5/8"	22	30x2	L	24804302210	
3/4"	22	30X2	L	24804302212	
3/4"	28	36x2	L	24804362812	
1"	28	36X2	L	24804362816	
1"	35	45x2	L	24804453516	
1"1/4	35	45X2	L	24804453520	
1"1/4	42	52X2	L	24804524220	
1"1/2	42	52X2	L	24804524224	
2"	42	52x2	L	24804524232	

DN	TUBO PIPE	ROSCA THREAD	SERIE SERIES	Referencia Part n°	€
1/4"	6	14x1,5	S	24804140604	
3/16"	8	16X1,5	S	24804160803	
1/4"	8	16X1,5	S	24804160804	
5/16"	8	16x1,5	S	24804160805	
3/8"	8	16x1,5	S	24804160806	
1/4"	10	18X1,5	S	24804181004	
5/16"	10	18x1,5	S	24804181005	
3/8"	10	18x1,5	S	24804181006	
1/4"	12	20x1,5	S	24804201204	
5/16"	12	20X1,5	S	24804201205	
3/8"	12	20X1,5	S	24804201206	
1/2"	12	20X1,5	S	24804201208	
5/16"	14	22x1,5	S	24804221405	
3/8"	14	22X1,5	S	24804221406	
1/2"	14	22x1,5	S	24804221408	
1/4"	16	24x1,5	S	24804241604	
5/16"	16	24x1,5	S	24804241605	
3/8"	16	24x1,5	S	24804241606	
1/2"	16	24X1,5	S	24804241608	
5/8"	16	24x1,5	S	24804241610	
3/8"	20	30x2	S	24804302006	
1/2"	20	30x2	S	24804302008	
5/8"	20	30X2	S	24804302010	
3/4"	20	30X2	S	24804302012	
1/2"	25	36x2	S	24804362508	
5/8"	25	36x2	S	24804362510	
3/4"	25	36X2	S	24804362512	
1"	25	36X2	S	24804362516	
5/8"	30	42x2	S	24804423010	
3/4"	30	42x2	S	24804423012	
1"	30	42X2	S	24804423016	
1"1/4	38	52x2	S	24804523820	



## Conexiones Serie Standard

Standard series fittings  
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Raccordi serie Standard

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

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

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

Femmina metrica 90° sede 24° + O'ring



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

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

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

Femmina metrica 45° sede 24° + O'ring



DN	TUBO PIPE	SERIE SERIES	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	
5/16"	8	L	14x1,5	24305140805	
1/4"	10	L	16x1,5	24305161004	
5/16"	10	L	16x1,5	24305161005	
3/8"	10	L	16x1,5	24305161006	
1/4"	12	L	18x1,5	24305181204	
5/16"	12	L	18x1,5	24305181205	
3/8"	12	L	18x1,5	24305181206	
1/2"	12	L	18x1,5	24305181208	
3/8"	15	L	22x1,5	24305221506	
1/2"	15	L	22x1,5	24305221508	
1/2"	18	L	26x1,5	24305261808	
5/8"	18	L	26x1,5	24305261810	
5/8"	22	L	30x2	24305302210	
3/4"	22	L	30x2	24305302212	
3/4"	28	L	36x2	24305362812	
1"	28	L	36x2	24305362816	
1"1/4	35	L	45x2	24305453520	
1"1/2	42	L	52x2	24305524224	
3/16"	6	S	14x1,5	24305140603	
1/4"	8	S	16x1,5	24305160804	
5/16"	8	S	16x1,5	24305160805	
1/4"	10	S	18x1,5	24305181004	
5/16"	10	S	18x1,5	24305181005	
3/8"	10	S	18x1,5	24305181006	
1/4"	12	S	20x1,5	24305201204	
5/16"	12	S	20x1,5	24305201205	
3/8"	12	S	20x1,5	24305201206	
1/2"	12	S	20x1,5	24305201208	
3/8"	14	S	22x1,5	24305221406	
3/8"	16	S	24x1,5	24305241606	
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	
5/8"	30	S	42x2	24305423010	
3/4"	30	S	42x2	24305423012	
1"	30	S	42x2	24305423016	
1"1/4	38	S	52x2	24305523820	

DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
3/16"	6	L	12x1,5	24306120603	
1/4"	6	L	12x1,5	24306120604	
1/4"	8	L	14x1,5	24306140804	
5/16"	8	L	14x1,5	24306140805	
1/4"	10	L	16x1,5	24306161004	
5/16"	10	L	16x1,5	24306161005	
3/8"	10	L	16x1,5	24306161006	
1/4"	12	L	18x1,5	24306181204	
5/16"	12	L	18x1,5	24306181205	
3/8"	12	L	18x1,5	24306181206	
1/2"	12	L	18x1,5	24306181208	
3/8"	15	L	22x1,5	24306221506	
1/2"	15	L	22x1,5	24306221508	
1/2"	18	L	26x1,5	24306261808	
5/8"	18	L	26x1,5	24306261810	
5/8"	22	L	30x2	24306302210	
3/4"	22	L	30x2	24306302212	
3/4"	28	L	36x2	24306362812	
1"	28	L	36x2	24306362816	
1"1/4	35	L	45x2	24306453520	
1"1/2	42	L	52x2	24306524224	
3/16"	6	S	14x1,5	24306140603	
1/4"	8	S	16x1,5	24306140604	
1/4"	8	S	16x1,5	24306160804	
5/16"	8	S	16x1,5	24306160805	
1/4"	10	S	18x1,5	24306181004	
5/16"	10	S	18x1,5	24306181005	
3/8"	10	S	18x1,5	24306181006	
1/4"	12	S	20x1,5	24306201204	
5/16"	12	S	20x1,5	24306201205	
3/8"	12	S	20x1,5	24306201206	
1/2"	12	S	20x1,5	24306201208	
3/8"	14	S	22x1,5	24306221406	
3/8"	16	S	24x1,5	24306241606	
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	
5/8"	30	S	42x2	24306423010	
3/4"	30	S	42x2	24306423012	
1"	30	S	42x2	24306423016	
1"1/4	38	S	52x2	24306523820	

HOSES

FLEXIBLE HOSE FITTINGS

FLOW MEASURING

EQUIPMENT FOR FLEXIBLE HOSES

## Conexiones Serie Standard

Standard series fittings  
Embouts série Standard  
Raccordi serie Standard



### Machos fijos Métricos cono 24°

Male stud Metric thread 24° cone

Mâle fixe Métrique cône 24°

Maschio Metrico sede 24°



DN	TUBO PIPE	SERIE SERIES	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	

## Conexiones Serie Standard

Standard series fittings  
Embouts série Standard  
Raccordi serie Standard

### Orientable Métrico Recto

Banjo metric

Banjo droit Métrique

Raccordo ad occhio Metrico



DN	∅	Referencia Part n°	€
3/16"	M10x1	241161003	
1/4"	M10x1	241161004	
5/16"	M10x1	241161005	
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	
3/4"	M30x2	241163012	

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

### Tornillo orientable simple rosca Métrica

Metric bolt for Banjo

Vis creuse simple pour banjo filetage métrique

Bullone forato Metrico



ROSCA THREAD	Referencia Part n°	€
M8x1	S109208	*
M10x1	S109210	*
M12x1	<b>NEW</b> S10921210	*
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.296 (ADAPTADORES BSP) / \*See prices in p.296 (BSP ADAPTORS) / \*Prix à la p.296 (ADAPTEURS BSP) / \*Vedere prezzi p.296 (ADATTATORI BSP)

### Espiga lisa recta Métrica

Metric standpipe

Embout lisse droit Métrique

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	
3/8"	14	241581406 S	
1/2"	14	241581408 S	
1/2"	16	241581608 S	
3/4"	20	241582012 S	
1"	25	241582516 S	
1"	30	241583016 S	

## Conexiones Serie Standard

Standard series fittings  
Embouts série Standard  
Raccordi serie Standard



### Hembras giratorias Métricas cono 24°/60° DIN3868

Female metric swivel 24°/60° cone DIN3868

Femelle tournante Métrique cône 24°-60° DIN3868

Femmina Metrica Girevole Multiseal 24°/60° DIN3868



### Hembras giratorias 90° Métricas cono 24°/60° DIN3868

Female metric swivel 24°/60° cone (90° Elbow) DIN3868

Femelle tournante coude 90° Métrique cône 24°-60° DIN3868

Femmina Metrica Girevole a 90° Multiseal 24°/60° DIN3868



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	

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	

### Hembras giratorias 45° Métricas cono 24°/60° DIN3868

Female metric swivel 24°/60° cone (45° Elbow) DIN3868

Femelle tournante coude 45° Métrique cône 24°-60° DIN3868

Femmina Metrica Girevole a 45° Multiseal 24°/60° DIN3868



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	

## ROSCA MÉTRICA - ESTANQUEIDAD CONO METAL-METAL



METRIC THREAD - METAL-METAL CONE SEAL

## Conexiones Serie Standard

Standard series fittings  
Embouts série Standard  
Raccordi serie Standard

### Macho rosca cónica NPT

NPT male thread

Mâle fixe gaz conique NPT

Maschio conico NPT sede 60°



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"	2" NPT	241613224	
2"	2" NPT	241613232	

### Hembras giratorias NPSM

NPSM swivel female

Femelle tournante NPSM

Femmina diritta girevole 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 rectas Komatsu cono 60°

Komatsu swivel female 60° cone

Femelle tournante droite Komatsu Métrique (cône 60°)

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	
1" 1/4	M36X1.5	258049695	
1" 1/2	M42X1.5	258049697	

### Hembras giratorias rectas TOYOTA

TOYOTA swivel female

Femelle tournante TOYOTA

Femmina diritta TOYOTA



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	251000404
3/8"	3/8" BSP	251000606
1/2"	1/2" BSP	251000808
3/4"	3/4" BSP	251001212
1"	1" BSP	251001616

## Conexiones Serie Standard

Standard series fittings  
Embouts série Standard  
Raccordi serie Standard



### Macho Métrico cono 24° serie francesa

Metric stud 24° cone French Series

Mâle fixe Série Française Métrique 24°

Maschio Metrico sede 24° serie francese



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

Metric swivel female 24° cone French Series

Femelle tournante Série Française Métrique 24°

Femmina Metrica sede 24° serie francese



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	

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

Metric stud for agricultural valve

Mâle fixe Métrique pour valve agricole

Maschio Metrico per valvola agricola



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

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

Femelle tournante coude 90° Série Française Métrique 24°

Femmina Metrica a 90° sede 24° serie francese



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

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 Serie Standard

Standard series fittings  
Embouts série Standard  
Raccordi serie Standard

### Hembra giratoria recta ORFS asiento plano

ORFS Swivel female straight flat seat

Femelle tournante -ORFS fond plat

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 90º ORFS asiento plano

ORFS Swivel female flat seat (90º Elbow)

Femelle tournante coude 90º -ORFS fond plat

Femmina a 90º 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	

### Machos ORFS asiento plano con junta tórica

ORFS Male flat seat + o'ring

Mâle fixe -ORFS fond plat + 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 45º ORFS asiento plano

ORFS Swivel female (45º Elbow) flat seat

Femelle tournante coude 45º -ORFS fond plat

Femmina a 45º sede piana ORFS



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	9/16" 18h UNF	449080404	
1/4"	11/16" 16h UNF	449080604	
5/16"	11/16" 16h UNF	449080605	
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	
1/2"	1"3/16 12h UNF	449081208	
3/4"	1"3/16 12h UNF	449081212	
3/4"	1"7/16 12h UNF	449081612	
1"	1"7/16 12h UNF	449081616	
1"1/4	1"11/16 12h UNF	449082020	
1"1/2	2" 12h UNF	449082424	

### Juntas tóricas para ORFS

O'rings for ORFS

O'rings pour ORFS

O'rings per raccordi ORFS



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

HOSES

FLEXIBLE HOSE  
FITTINGS

FLOW  
MEASURING

EQUIPMENT FOR  
FLEXIBLE HOSES

## Conexiones Serie Standard

Standard series fittings  
Embouts série Standard  
Raccordi serie Standard



### Brida recta SAE 3000 PSI

3000 PSI SAE Straight Flange / Code 61

Bride SAE droite série 3000 PSI

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	
2" 1/2	84,1	241824040	
3"	101,6	241824848	

### Brida a 90° SAE 3000 PSI

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

Bride SAE coude 90° série 3000 PSI

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 45° SAE 3000 PSI

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

Bride SAE coude 45° série 3000 PSI

Flangia a 45° SAE 3000 PSI



DN	ø	Referencia Part n°	€
1/2"	30,2	241840808	10,68
1/2"	38,1	241841208	15,34
5/8"	38,1	241841210	15,73
3/4"	38,1	241841212	15,47
3/4"	44,5	241841612	22,67
1"	44,5	241841616	23,27
1"	50,8	241842016	34,53
1"1/4	50,8	241842020	34,26
1"1/4	60,3	241842420	49,28
1"1/2	60,3	241842424	50,79
1"1/2	71,4	241843224	94,96
2"	71,4	241843232	94,48

### Brida recta SAE 6000 PSI

6000 PSI SAE Straight Flange / Code 62

Bride SAE droite série 6000 PSI

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 6000 PSI

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

Bride SAE coude 90° série 6000 PSI

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	
2"	79,4	242833232	

### Brida a 45° SAE 6000 PSI

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

Bride SAE coude 45° série 6000 PSI

Flangia a 45° SAE 6000 PSI



DN	ø	Referencia Part n°	€
1/2"	31,8	242840808	12,57
1/2"	41,3	242841208	16,95
5/8"	41,3	242841210	17,26
3/4"	41,3	242841212	16,08
3/4"	47,6	242841612	24,64
1"	47,6	242841616	24,55
1"	54	242842016	35,35
1"1/4	54	242842020	36,44
1"1/4	63,5	242842420	52,83
1"1/2	63,5	242842424	54,81
1"1/2	79,4	242843224	94,62
2"	79,4	242843232	96,59



## Conexiones Serie Standard

Standard series fittings  
Embouts série Standard  
Raccordi serie Standard

### Brida recta 9000 PSI (14,3)

9000 PSI straight Flange (14,3)

Bride tournante droite série 9000 PSI (14,3)

Flangia diritta PSI 9000 (14,3)



DN	∅	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 (14,3)

9000 PSI 90° Flange (14,3)

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

Flangia a 90° PSI 9000 (14,3)



DN	∅	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	

### Brida a 45° 9000 PSI (14,3)

9000 PSI 45° Flange (14,3)

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

Flangia a 45° PSI 9000 (14,3)



DN	∅	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	

HOSES

FLEXIBLE HOSE  
FITTINGS

FLOW  
MEASURING

EQUIPMENT FOR  
FLEXIBLE HOSES

## Conexiones Serie Standard

Standard series fittings  
Embouts série Standard  
Raccordi serie Standard



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

3000/6000 PSI SAE Split flanges

Demi-brides rectangulaires de fixation SAE 3000/6000 PSI

Semiflangia SAE 3000/6000 PSI



SERIE SERIES	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>	

€/par / €/pair / €/paire / €/coppia

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

3000/6000 PSI SAE Flanges

Brides monobloc rectangulaires de fixation SAE 3000/6000 PSI

Flangia monoblocco SAE 3000/6000 PSI



SERIE SERIES	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>	

### Tornillos para bridas SAE

Screws for SAE flanges

Vis pour brides SAE

Vite per flangia SAE



ROSCA THREAD	TAMAÑO SIZE	Referencia Part n°	€
M8X30	3000-6000 PSI 1/2"	<b>TB8X30</b>	*
M10X35	3000 PSI 3/4"-1"	<b>TB10X35</b>	*
M10X40	3000 PSI 1" 1/4 - 6000 PSI 3/4"	<b>TB10X40</b>	*
M12X45	3000 PSI 1"1/2-2"-2"1/2-6000 PSI 1"	<b>TB12X45</b>	*
M14X45	6000 PSI 1"1/4	<b>TB14X45</b>	*
M16X50	3000 PSI 3"-3" 1/2-4"- 6000 PSI 1" 1/2	<b>TB16X50</b>	*
M20X70	6000 PSI 2"	<b>TB20X70</b>	*

\*Ver precios en p.258 / \*See prices in p.258 / \*Prix à la p.258 / \*Vedere prezzi p.258

### Juntas tóricas para bridas SAE 3000/6000 PSI

O'rings for 3000/6000 PSI SAE flanges

O'rings pour bride série 3000/6000 PSI

O'rings per flangia SAE 3000/6000 PSI



TAMAÑO SIZE	Ø INT. Ø INNER	Referencia Part n°	€
1/2"	18,64	<b>18,64X3,53</b>	
3/4"	24,99	<b>24,99X3,53</b>	
1"	32,92	<b>32,92X3,53</b>	
1"1/4	37,70	<b>37,70X3,53</b>	
1"1/2	47,22	<b>47,22X3,53</b>	
2"	56,74	<b>56,74X3,53</b>	

### Juntas para bridas SAE 3000/6000 PSI

Seals for 3000/6000 PSI flange

Joints pour bride série 3000/6000

Guarnizioni per flangia SAE 3000/6000 PSI



TAMAÑO SIZE	Ø INT. Ø INNER	Ø EXT. Ø OUTER	Referencia Part n°
1/2"	17,02	25,40	<b>JBR08</b>
3/4"	23,36	31,72	<b>JBR12</b>
1"	31,24	39,62	<b>JBR16</b>
1"1/4	36,07	44,45	<b>JBR20</b>
1"1/2	45,34	53,98	<b>JBR24</b>
2"	54,86	63,50	<b>JBR32</b>



## Conexiones Serie Standard

Standard series fittings  
Embouts série Standard  
Raccordi serie Standard

### Macho pistola hidrolavadora

Male terminal steel hydro-wash

Mâle fixe spécial pistolet-hydroneettoyage

Maschio pistola idropulitrice



DN	Referencia Part n°	€
1/4"	<b>230400400</b>	

### Empuñaduras de goma negras

Handle in black rubber

Poignée hydroneettoyage de gomme noire

Manopola di gomma nera



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

### Empuñaduras de goma grises

Handle with grey rubber

Poignée hydroneettoyage de gomme grise

Manopola di gomma grigia



DN	Ø EXT. Ø OUTER	Ø INT. Ø INNER	Referencia Part n°	€
1/4"	29	15,5	<b>230610400</b>	
3/8"	35	22	<b>230610600</b>	

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

### Terminal Karcher acero

Swivel female hydro-wash

Embout femelle tournante acier spécial hydroneettoyage

Femmina in acciaio per idropultrici



DN	ROSCA THREAD	DESCRIPCIÓN DESCRIPTION	Referencia Part n°	€
1/4"	M22X1,5	STD	<b>230700400</b>	
5/16"	M22X1,5	STD	<b>230700500</b>	
3/8"	M22X1,5	STD	<b>230700600</b>	
1/4"	M22X1,5	LONG	<b>230720400</b>	
5/16"	M22X1,5	LONG	<b>230720500</b>	
3/8"	M22X1,5	LONG	<b>230720600</b>	

### Empuñaduras de goma azules

Handle in blue rubber

Poignée hydroneettoyage de gomme bleue

Manopola di gomma azzurra



DN	Ø EXT. Ø OUTER	Ø INT. Ø INNER	Referencia Part n°	€
1/4"	29	15,5	<b>230620400</b>	
5/16"	35	18	<b>230620500</b>	
3/8"	35	21	<b>230620600</b>	
1/2"	35	23	<b>NEW 230620800</b>	

### Hembras giratorias racor CO2 W21.8

Swivel female CO2 fitting W21.8

Raccord CO2 femelle tournante W21.8

Raccordo CO2 femmina girevole W21.8



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

### Hembra giratoria 90º racor CO2 W21.8

**NEW**

90º Swivel female CO2 fitting W21.8

Raccord CO2 90º femelle tournante W21.8

Raccordo CO2 femmina girevole 90º W21.8



DN	ROSCA THREAD	Referencia Part n°	€
3/8"	W 21,8 14h	<b>2470521806</b>	*
1/2"	W 21,8 14h	<b>2470521808</b>	*



HOSES

## Conexiones Serie BW+ R13/R15 No Pelar

Fittings BW+ Series R13/R15 No Skive  
Embouts R13/R15 Série BW+ Sans denuder  
Raccordi serie BW+ R13/R15 senza spellatura



FLEXIBLE HOSE FITTINGS

### Casquillos R13/R15 para serie BW/BW+

Ferrules R13/R15 for fittings BW/BW+ series

Jupes R13/R15 pour embouts série BW/BW+

Boccola R13/R15 serie BW/BW+



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

FLOW MEASURING

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

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

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

Femmina 90° sede 60°+O'ring serie BW+



DN	ROSCA THREAD	Referencia Part n°	€
1"1/4	1"1/4 BSP	661172020	5

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

EQUIPMENT FOR FLEXIBLE HOSES

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

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

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

Femmina 45° sede 60°+O'ring serie BW+



DN	ROSCA THREAD	Referencia Part n°	€
1"1/4	1"1/4 BSP	661182020	

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

### Macho BSP cono 60°

BSP Male 60° cone

Mâle BSP cône 60°

Maschio cilindrico BSP sede 60° serie BW+



DN	ROSCA THREAD	Referencia Part n°	€
1"1/4	1"1/4 BSP	661122020	
1"1/2	1"1/2 BSP	661122424	
2"	2" BSP	661123232	

### Hembras giratorias rectas BSP cono 60° con junta tuerca engargolada NEW

BSP Swivel female 60° cone with o'ring wire nut

Femelle tournante gaz cyl BSP 60° avec joint écrou à douille

Femmina diritta sede 60°+O'ring serie BW+ (dado spinato)



DN	ROSCA THREAD	Referencia Part n°	€
1"1/4	1"1/4 BSP	665102020	
1"1/2	1"1/2 BSP	665102424	
2"	2" BSP	665103232	

### BSP Swivel female 60° cone with joint (90° Elbow) wire nut NEW

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

Coude 90° femelle tournante gaz cyl BSP 60° avec joint écrou à douille

Femmina 90° sede 60°+O'ring serie BW+ (dado spinato)



DN	ROSCA THREAD	Referencia Part n°	€
1"1/4 BSP	1"1/4 BSP	665172020	
1"1/2 BSP	1"1/2 BSP	665172424	
2" BSP	2" BSP	665173232	

### Hembras giratorias 45° BSP cono 60° con junta tuerca engargolada NEW

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

Coude 45° femelle tournante gaz cyl BSP 60° avec joint écrou à douille

Femmina 45° sede 60°+O'ring serie BW+ (dado spinato)



DN	ROSCA THREAD	Referencia Part n°	€
1"1/4	1"1/4 BSP	665182020	
1"1/2	1"1/2 BSP	665182424	
2"	2" BSP	665183232	



## Conexiones Serie BW+ R13/R15 No Pelar

Fittings BW+ Series R13/R15 No Skive  
 Embouts R13/R15 Série BW+ Sans denuder  
 Raccordi serie BW+ R13/R15 senza spellatura

### Macho JIC 37º

JIC 37º male

Mâle JIC 37º

Maschio JIC 37º serie BW+



DN	ROSCA THREAD	Referencia Part nº	€
1" 1/4	1"5/8 12h UNF	661402620	
1"1/2	1"7/8 12 UNF	661403024	
2"	2" 1/2 12 UNF	661404032	

### Hembras giratorias rectas JIC 37º doble hexagonal con tuerca engargolada **NEW**

JIC 37º Swivel female doble hexagonal wire nut

Femelle JIC 37º double hexagonale avec écrou à douille

Femmina diritta JIC 37º doppio esagono serie BW+  
 (dado spinato)



DN	ROSCA THREAD	Referencia Part nº	€
1"1/4	1"5/8 12h	665422620	
1"1/2	1"7/8 12h	665423024	
2"	2"1/2 12h	665424032	

### Hembras giratorias 90º JIC 37º tuerca engargolada **NEW**

JIC 37º swivel female (90º Elbow) wire nut

Coûde 90º femelle JIC 37º avec écrou à douille

Femmina 90º JIC 37º serie BW+ (dado spinato)



DN	ROSCA THREAD	Referencia Part nº	€
1"1/4	1"5/8 12h	665382620	
1"1/2	1"7/8 12h	665383024	
2"	2"1/2 12h	665384032	

### Hembras giratorias 45º JIC 37º tuerca engargolada **NEW**

JIC 37º swivel female (45º Elbow) wire nut

Coûde 45º femelle JIC 37º avec écrou à douille

Femmina 45º JIC 37º serie BW+ (dado spinato)



DN	ROSCA THREAD	Referencia Part nº	€
1"1/4	1"5/8 12 UN	665392620	
1"1/2	1"7/8 12 UN	665393024	
2"	2"1/2 12 UN	665394032	

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

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

Coûde 90º femelle Métrique 24º avec o'ring

Femmina metrica 90º sede 24º+O'ring serie BW+



DN	ROSCA THREAD	Referencia Part nº	€
1"1/4	M52X2	66205523820	

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

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

Coûde 45º femelle Métrique 24º avec o'ring

Femmina metrica 45º sede 24º+O'ring serie BW+



DN	ROSCA THREAD	Referencia Part nº	€
1"1/4	M52X2	66206523820	

HOSES

FLEXIBLE HOSE  
FITTINGS

FLOW  
MEASURING

EQUIPMENT FOR  
FLEXIBLE HOSES

HOSES

## Conexiones Serie BW+ R13/R15 No Pelar

Fittings BW+ Series R13/R15 No Skive  
 Embouts R13/R15 Série BW+ Sans denuder  
 Raccordi serie BW+ R13/R15 senza spellatura



FLEXIBLE HOSE FITTINGS

### Brida recta SAE 6000 PSI

6000 PSI SAE Straight flange

Bride SAE droite série 6000 PSI

Flangia diritta SAE 6000 serie BW+



DN	∅	Referencia Part n°	€
1"1/4	54	662822020	
1"1/2	63,5	662822424	
2"	79,4	662823232	

### Brida a 90° SAE 6000 PSI

6000 PSI SAE 90° Flange

Bride SAE coude 90° série 6000 PSI

Flangia 90° SAE 6000 serie BW+



DN	∅	Referencia Part n°	€
1"1/4	54	662832020	
1"1/2	63,5	662832424	
2"	79,4	662833232	

### Brida a 45° SAE 6000 PSI

6000 PSI SAE 45° flange

Bride SAE coude 45° série 6000 PSI

Flangia 45° SAE 6000 serie BW+



DN	∅	Referencia Part n°	€
1"1/4	54	662842020	
1"1/2	63,5	662842424	
2"	79,4	662843232	

### Hembra giratoria recta ORFS asiento plano doble hexagonal

ORFS Swivel female straight double hexagonal

Femelle droite ORFS double hexagonale

Femmina diritta ORFS doppio esagono serie BW+



DN	ROSCA THREAD	Referencia Part n°	€
1" 1/4	1"11/16 12h UNF	669012020	
1" 1/2	2" 12h UNF	669012424	

### Hembra giratoria 90° ORFS asiento plano

ORFS Swivel female (90° Elbow)

Coude 90° femelle ORFS

Femmina 90° ORFS serie BW+



DN	ROSCA THREAD	Referencia Part n°	€
1" 1/4	1"11/16 12h UNF	669072020	
1" 1/2	2" 12h UNF	669072424	

### Hembra giratoria 45° ORFS asiento plano

ORFS Swivel female (45° Elbow)

Coude 45° femelle ORFS

Femmina 45° ORFS serie BW+



ROSCA THREAD	Referencia Part n°	€
1"11/16 12h UNF	669082020	
2" 12h UNF	669082424	

FLOW MEASURING







EQUIPMENT FOR FLEXIBLE HOSES












## INFINITAS SOLUCIONES PARA CONEXIONES DE MANGUERAS:

ENDLESS SOLUTIONS FOR HOSE FITTINGS:

- Diversos diseños para cumplir las necesidades de conexión  
Several designed connections focused on the specific different requirements

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

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

Presión diseñada ★  
Designed Pressure

## Conexiones Serie Interlock

Interlock series fittings  
Embouts à sertir Interlock  
Raccordi serie Interlock

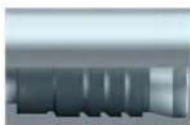


### Casquillos 4SH

Ferrules DIN 20023-4SH

Jupe à sertir DIN 20023 4SH

Boccola Interlock 4SH



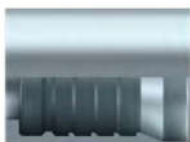
DN	MANGUERA HOSE	Referencia Part n°	€
3/4"	4SH / R13 / R15	<b>A610101200</b>	
1"	4SH / R13 / R15	<b>A610101600</b>	
1"1/4	4SH	<b>A610102000</b>	
1"1/2	4SH	<b>A610102400</b>	
2"	4SH	<b>A610103200</b>	

### Casquillos R13-R15

Ferrules SAE 100 R13/R15

Jupe à sertir DIN 20023 R13/R15

Boccola Interlock R13/R15



DN	MANGUERA HOSE	Referencia Part n°	€
1"1/4	R13/R15	<b>610102000</b>	
1"1/2	R13/R15	<b>610102400</b>	
2"	R13/R15	<b>610103200</b>	

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

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

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

Femmina 90° BSP 60°+O'ring interlock (dado pinzato)



DN	ROSCA THREAD	Referencia Part n°	€
1"	1" BSP	<b>641071616</b>	
2"	2" BSP	<b>641073232</b>	

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

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

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

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

Femmina 45° BSP 60°+O'ring interlock (dado pinzato)



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	3/4" BSP	<b>641081212</b>	
1"	1" BSP	<b>641081616</b>	
1"1/2	1"1/2 BSP	<b>641082424</b>	
2"	2" BSP	<b>641083232</b>	

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

### Macho rosca cilíndrica BSP cono 60°

BSP Male 60° cone

Mâle fixe gaz cyl BSP 60°

Maschio cilindrico BSP sede 60° interlock



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	3/4" BSP	<b>641121212</b>	
1"	1" BSP	<b>641121616</b>	
1"1/4	1"1/4 BSP	<b>641122020</b>	
1"1/2	1"1/2 BSP	<b>641122424</b>	
2"	2" BSP	<b>641123232</b>	

### Macho rosca NPT

NPT Male

Mâle fixe NPT

Maschio conico NPT interlock



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	3/4" NPT	<b>641611212</b>	
1"	1" NPT	<b>641611616</b>	
1"1/4	1"1/4 NPT	<b>641612020</b>	
1"1/2	1"1/2 NPT	<b>641612424</b>	
2"	2" NPT	<b>641613232</b>	



## Conexiones Serie Interlock

Interlock series fittings  
Embouts à sertir Interlock  
Raccordi serie Interlock

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

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

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

Femmina diritta BSP 60°+O'ring interlock (dado spinato)



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	3/4" BSP	645001212	
1"	1" BSP	645001616	
1"1/4	1"1/4 BSP	645002020	
1"1/2	1"1/2 BSP	645002424	
2"	2" BSP	645003232	

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

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

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

Femmina 45° BSP 60°+O'ring interlock (dado spinato)



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	3/4" BSP	645081212	
1"	1" BSP	645081616	
1"1/4	1"1/4 BSP	645082020	
1"1/2	1"1/2 BSP	645082424	
2"	2" BSP	645083232	

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

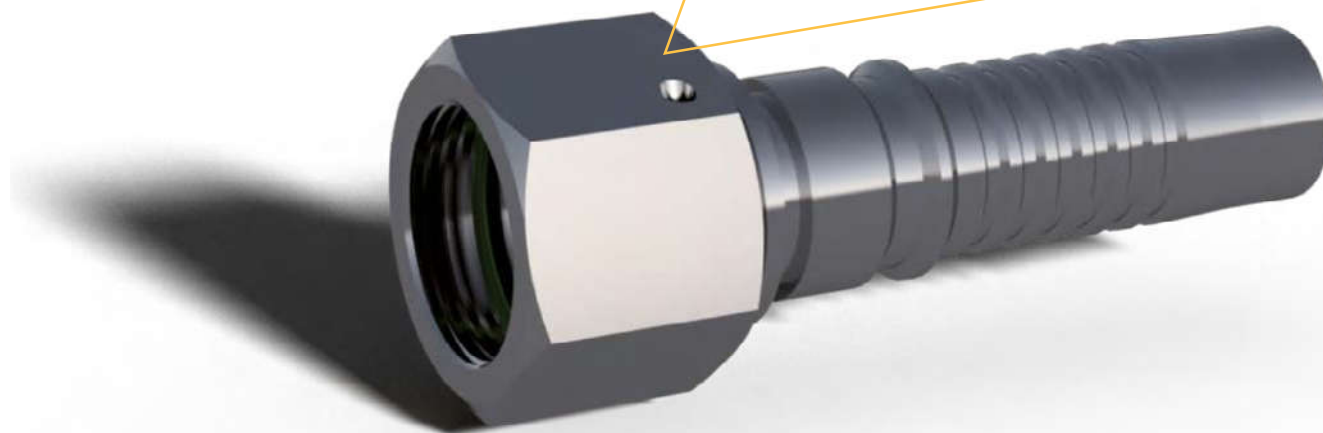
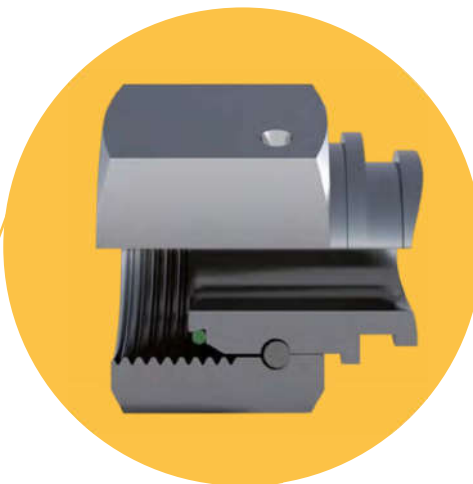
BSP Swivel female 60° cone + o'ring (90° Elbow) wired nut

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

Femmina 90° BSP 60°+O'ring interlock (dado spinato)



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	3/4" BSP	645071212	
1"	1" BSP	645071616	
1"1/4	1"1/4 BSP	645072020	
1"1/2	1"1/2 BSP	645072424	
2"	2" BSP	645073232	



## Conexiones Serie Interlock

Interlock series fittings  
Emboutis à sertir Interlock  
Raccordi serie Interlock



### Hembras giratorias 90° JIC 37°

JIC 37° Swivel female (90° Elbow)

Femelle tournante coude 90° JIC 37°

Femmina 90° JIC 37° interlock (dado pinzato)



DN	ROSCA THREAD	Referencia Part n°	€
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	

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

### Hembras giratorias 45° JIC 37°

JIC 37° Swivel female (45° Elbow)

Femelle tournante coude 45° JIC 37°

Femmina 45° JIC 37° interlock (dado pinzato)



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	

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

### Macho JIC 37°

JIC 37° male

Mâle fixe JIC 37°

Maschio JIC 37° interlock



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	

### Hembras giratorias rectas JIC 37° (Engargolada)

JIC 37° Swivel female wired nut

Femelle tournante JIC 37° écrou à joint

Femmina diritta JIC 37° interlock (dado spinato)



ROSCA THREAD	DN	Referencia Part n°	€
1"1/16 12 UN	3/4"	645421712	
1"5/16 12 UN	1"	645422116	
1"5/8 12 UN	1"1/4	645422620	
1"7/8 12 UN	1"1/2	645423024	
2"1/2 12 UN	2"	645424032	

### Hembras giratorias 90° JIC 37° (Engargolada)

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

Femelle tournante coude 90° JIC 37° écrou à joint

Femmina 90° JIC 37° interlock (dado spinato)



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	1"1/16 12h UNF	645381712	
1"	1"5/16 12h UNF	645382116	
1"1/4	1"5/8 12h UNF	645382620	
1"1/2	1"7/8 12h UNF	645383024	
2"	2"1/2 12h UNF	645384032	

### Hembras giratorias 45° JIC 37° (Engargolada)

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

Femelle tournante coude 45° JIC 37° écrou à joint

Femmina 45° JIC 37° interlock (dado spinato)



DN	ROSCA THREAD	Referencia Part n°	€
3/4"	1"1/16 12h UNF	645391712	
1"	1"5/16 12h UNF	645392116	
1"1/4	1"5/8 12h UNF	645392620	
1"1/2	1"7/8 12h UNF	645393024	
2"	2"1/2 12h UNF	645394032	





## Conexiones Serie Interlock

Interlock series fittings  
Embouts à sertir Interlock  
Raccordi serie Interlock

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

Metric swivel female 24° seat with o'ring

Femelle tournante Métrique 24° + o'ring

Femmina metrica sede 24°+O'ring interlock



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
3/4"	20	S	M30X2	64204302012	
3/4"	25	S	M36X2	64204362512	
1"	25	S	M36X2	64204362516	
1"	30	S	M42X2	64204423016	
1"1/4	38	S	M52X2	64204523820	

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

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

Femelle tournante coude 45° Métrique + o'ring

Femmina metrica 45° sede 24°+O'ring interlock



DN	TUBO PIPE	SERIE SERIES	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

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

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

Femelle tournante coude 90° Métrique + o'ring

Femmina metrica 90° sede 24°+O'ring interlock



DN	TUBO PIPE	SERIE SERIES	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

### Macho rosca Métrica cono 24°

Metric male stud 24° cone

Mâle fixe Métrique 24° série lourde

Maschio metrico sede 24° interlock



DN	TUBO PIPE	SERIE SERIES	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	

### Hembra giratoria recta Métrica cono 24° C/J martillos

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

Femelle tournante Métrique 24° + o'ring pour marteau

Femmina metrica sede 24°+O'ring interlock (per martello)



DN	TUBO PIPE	ROSCA THREAD	SERIE SERIES	Referencia Part n°	€
3/4"	25	M36X2	S	NAM362512	
1"	30	M42X2	S	NAM423016	
1"1/4	38	M52X2	S	NAM523820	

Se venden con casquillo Interlock incluido (mismo diámetro de prensado que los casquillos A / With Interlock ferrule included (same crimping diameter as ferrule A61010) / Avec jupe Interlock inclus diamètre de sertissage que la jupe A61010) / Con boccola Interlock inclusa (diametro di pressatura ugu a A61010)

HOSES

FLEXIBLE HOSE FITTINGS

FLOW MEASURING

EQUIPMENT FOR FLEXIBLE HOSES

HOSES

## Conexiones Serie Interlock

Interlock series fittings  
Emboutis à sertir Interlock  
Raccordi serie Interlock

TrAie®

FLEXIBLE HOSE FITTINGS

### Hembras rectas ORFS

ORFS Swivel female

Femelle droite ORFS

Femmina diritta ORFS Interlock



### Codos 90° ORFS

ORFS Swivel female (90° Elbow)

Coude 90° femelle ORFS

Femmina 90° ORFS Interlock



FLOW MEASURING

DN	ROSCA THREAD	Referencia Part n°
3/4"	1"3/16 12h UNF	<b>649001212</b>
1"	1"7/16 12h UNF	<b>649001616</b>
1"1/4	1"11/16 12h UNF	<b>649002020</b>
1"1/2	2" 12h UNF	<b>649002424</b>

DN	ROSCA THREAD	Referencia Part n°
3/4"	1"3/16 12h UNF	<b>649071212</b>
1"	1"7/16 12h UNF	<b>649071616</b>
1"1/4	1"11/16 12h UNF	<b>649072020</b>
1"1/2	2" 12h UNF	<b>649072424</b>

EQUIPMENT FOR FLEXIBLE HOSES

### Codos 45° ORFS

ORFS Swivel female (45° Elbow)

Coude 45° femelle ORFS

Femmina 45° ORFS Interlock



DN	ROSCA THREAD	Referencia Part n°
3/4"	1"3/16 12h UNF	<b>649081212</b>
1"	1"7/16 12h UNF	<b>649081616</b>
1"1/4	1"11/16 12h UNF	<b>649082020</b>

## Conexiones Serie Interlock

Interlock series fittings  
Embouts à sertir Interlock  
Raccordi serie Interlock

### Brida SAE 3000 PSI

3000 PSI SAE Straight Flange / Code 61

Bride SAE droite série 3000 PSI

Flangia diritta SAE 3000 PSI interlock



DN	∅	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	
2"	71,4	641823232	

### Brida SAE 6000 PSI

6000 PSI SAE Straight Flange / Code 62

Bride SAE droite série 6000 PSI

Flangia diritta SAE 6000 PSI interlock



DN	∅	Referencia Part n°	€
3/4"	41,3	642821212	
3/4"	47,6	642821612	
1"	47,6	642821616	
1"	54	642822016	
1"1/4	54	642822020	
1"1/4	63,5	642822420	
1"1/2	63,5	642822424	
2"	79,4	642823232	

### Brida a 90° SAE 3000 PSI

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

Bride SAE coude 90° série 3000 PSI

Flangia 90° SAE 3000 PSI interlock



DN	∅	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	
2"	71,4	641833232	

### Brida a 90° SAE 6000 PSI

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

Bride SAE coude 90° série 6000 PSI

Flangia 90° SAE 6000 PSI interlock



DN	∅	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	
2"	79,4	642833232	

### Brida a 45° SAE 3000 PSI

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

Bride SAE coude 45° série 3000 PSI

Flangia 45° SAE 3000 PSI interlock



DN	∅	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	
2"	71,4	641843232	

### Brida a 45° SAE 6000 PSI

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

Bride SAE coude 45° série 6000 PSI

Flangia 45° SAE 6000 PSI interlock



DN	∅	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"1/2	63,5	642842424	
2"	79,4	642843232	

HOSES

## Conexiones Serie Interlock

Interlock series fittings  
Embouts à sertir Interlock  
Raccordi serie Interlock

**TrAle®**

FLEXIBLE HOSE FITTINGS

### Brida 9000 PSI (14,3)

9000 PSI Straight flange (14,3)

Bride droite série 9000 PSI (14,3)

Flangia diritta SAE 9000 PSI (14,3) interlock



### Brida a 90° 9000 PSI (14,3)

90° 9000 PSI Flange (14,3)

Bride coude 90° série 9000 PSI (14,3)

Flangia 90° SAE 9000 PSI (14,3) interlock



FLOW MEASURING

DN	∅	Referencia Part n°
3/4"	41,3	<b>643821212</b>
1"	47,6	<b>643821616</b>
1"	54	<b>643822016</b>
1"1/4	54	<b>643822020</b>
1"1/4	63,5	<b>643822420</b>
1"1/2	63,5	<b>643822424</b>

DN	∅	Referencia Part n°
3/4"	41,3	<b>643831212</b>
1"	47,6	<b>643831616</b>
1"	54	<b>643832016</b>
1"1/4	54	<b>643832020</b>
1"1/2	63,5	<b>643832424</b>

EQUIPMENT FOR FLEXIBLE HOSES

### Brida a 45° 9000 PSI (14,3)

45° 9000 PSI Flange (14,3)

Bride coude 45° série 9000 PSI (14,3)

Flangia 45° SAE 9000 PSI (14,3) interlock



DN	∅	Referencia Part n°
3/4"	41,3	<b>643841212</b>
1"	47,6	<b>643841616</b>
1"	54	<b>643842016</b>
1"1/4	54	<b>643842020</b>
1"1/2	63,5	<b>643842424</b>



## Conexiones Serie Interlock

Interlock series fittings  
Embouts à sertir Interlock  
Raccordi serie Interlock

### Espiga para brida macho Poclairn

Poclairn male flange

Embout bride mâle Poclairn

Inserto per flangia maschio Poclairn 4SH



DN	∅	Referencia Part n°
3/4"	3/4"	648011212
1"	1"	648011616
1"1/4	1"1/4	648012020

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

### Brida entera hembra Poclairn 4 agujeros

Female Poclairn flange 4 holes

Bride rectangulaire de fixation femelle Poclairn-4 trous

Flangia intera femmina Poclairn 4 fori



TAMAÑO SIZE	Referencia Part n°	€
3/4"	448061212	
1"	448061616	
1"1/4	448062020	

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

### Brida entera macho Poclairn 4 agujeros

Male Poclairn flange 4 holes

Bride rectangulaire de fixation mâle Poclairn-4 trous

Flangia intera maschio Poclairn 4 fori



TAMAÑO SIZE	Referencia Part n°
1"	448051616
1"1/4	448052020

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

### Brida entera macho Poclairn 2 agujeros

Male Poclairn flange 2 holes

Bride ovale fixation mâle Poclairn 2 trous

Flangia intera maschio Poclairn 2 fori



TAMAÑO SIZE	Referencia Part n°
5/8"	448071010
3/4"	448071212
1"	448071616
1"1/4	448072020

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

### Espiga para brida hembra Poclairn

Poclairn female flange

Embout bride femelle Poclairn

Inserto per flangia femmina Poclairn 4SH



DN	∅	Referencia Part n°
3/4"	3/4"	648021212
1"	1"	648021616

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

## SERIE COMPACTA

One Piece Series  
Série Pré-sertis  
Serie Compatti

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

One piece fittings 1SC / 1SN / 2SC / R6 / 2TE  
Embouts pré-sertis 1SC / 1SN / 2SC / R6 / 2TE  
Raccordi compatti 1SC / 1SN / 2SC / R6 / 2TE



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

One piece fittings 43 Series R1AT / R2AT / 1SN / 2SN / R16 / 2SC / 3TE/R17  
Embouts pré-sertis R1AT / R2AT / 1SN / 2SN / R16 / 2SC Série 43 / 2TE/ R17  
Raccordi compatti R1AT / R2AT / 1SN / 2SN / R16 / 2SC Serie 43 / 3TE / R17



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

One piece fittings Standar Series NON SKIVE 3SP / 4SP / 4SH / R12  
Embouts pré-sertis SANS DÉNUDÉ 3SP / 4SP / 4SH / R12  
Raccordi compatti SENZA PELATURA 3SP / 4SP / 4SH / R12



NO PELAR  
NO SKIVE

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

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

One piece fittings BW+ Series NON SKIVE R13 / R15  
Embouts pré-sertis SANS DÉNUDÉ R13 / R15  
Raccordi compatti BW+ SENZA PELATURA R13 / R15



NO PELAR  
NO SKIVE

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

Piece fittings R7 / R8 & braid of steel wire  
Embouts pré-sertis R7 / R8 et tresse métallique  
Raccordi compatti serie R7 / R8 e elastomero treccia metallica



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

One piece fittings for smooth PTFE R14  
Embouts pré-sertis pour PTFE lisse R14  
Raccordi compatti serie PTFE liscio R14



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

One piece fittings for convoluted PTFE  
Embouts pré-sertis pour PTFE convolute  
Raccordi compatti serie PTFE corrugato



Convoluted  
PTFE



## Casquillos para racores de una sola pieza

Ferrules for one piece fittings  
Jupes pour embouts pré-sertis  
Boccole a pressare per raccordi un pezzo

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

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

Jupes à sertir 1SC/1SN/2SC/R6/2TE/R17

Boccole a pressare per 1SC/1SN/2SC/R6/2TE/R17



DN	Referencia Part n°	€
1/4"	SC21120400	
5/16"	SC21120500	
3/8"	SC21120600	
1/2"	SC21120800	
5/8"	SC21121000	
3/4"	SC21121200	
1"	SC21121600	

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

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

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

Boccole a pressare 1SN/2SN/R16/2SN/3TE/R17 per raccordi compatti serie 43



DN	Referencia Part n°
1/4"	PFC221200400
5/16"	PFC221200500
3/8"	PFC221200600
1/2"	PFC221200800
5/8"	PFC221201000
3/4"	PFC221201200
1"	PFC221201600
1"1/4"	PFC221202000
1"1/2"	PFC221202400
2"	PFC221203200

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

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

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

Boccole a pressare per R12/ 3SP/4SP/4SH senza spellatura



DN	Referencia Part n°
3/8"	DI222400600
1/2"	DI222400800
5/8"	DI222401000
3/4"	DI222401200
1"	DI222401600
1" 1/4	DI222402000
1" 1/2	DI222402400
2"	DI222403200

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

Ferrules SAE 100 R6, R7, R8 and metallic braid

Jupes à sertir R6, R7, R8 et tresse métallique

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	

### Casquillos PTFE Liso alta presión SAE 100 R14 perfil liso

Ferrules for Smooth PTFE SAE 100 R14 smooth surface

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

Boccole a pressare per tubo al PTFE Liscio alta pressione SAE 100 R14 superficie liscia



DN	Referencia Part n°
1/4"	280400400
5/16"	280400500
3/8"	280400600
1/2"	280400800
5/8"	280401000

### Casquillos PTFE Corrugado alta presión perfil liso

Ferrules for Corrugated PTFE smooth surface

Jupes à sertir PTFE Convoluté haute pression surface lisse

Boccole a pressare per tubo al PTFE Corrugato alta pressione superficie liscia



DN	Referencia Part n°
1/4"	280410400
3/8"	280410600
1/2"	280410800
5/8"	280411000
3/4"	280411200

### Casquillos R13/R15 para serie BW/BW+

Ferrules R13/R15 for fittings BW/BW+ series

Jupes R13/R15 pour embouts série BW/BW+

Boccole a pressare per R13/R15 per raccordi serie BW/BW+



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

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

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
 Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
 Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17



### Hembras giratorias rectas una sola pieza JIC 37º

One piece JIC 37º female

Femelle pré-sertie JIC 37º

Femmina diritta compatta JIC 37º



### Hembras giratorias rectas una sola pieza JIC 37º doble hexagonal

One piece back up hex JIC 37º female

Femelle pré-sertie JIC 37º double hexagonal

Femmina diritta compatta JIC 37º doppio esagono



DN	ROSCA THREAD	Referencia Part nº	€
1/4"	7/16" 20h UNF	281420704	
1/4"	1/2" 20h UNF	281420804	
5/16"	1/2" 20h UNF	281420805	
1/4"	9/16" 18h UNF	281420904	
5/16"	9/16" 18h UNF	281420905	
3/8"	9/16" 18h UNF	281420906	
3/8"	5/8" 18h UNF	281421006	
5/16"	3/4" 16h UNF	281421205	
3/8"	3/4" 16h UNF	281421206	
1/2"	3/4" 16h UNF	281421208	
3/8"	7/8" 14h UNF	281421406	
1/2"	7/8" 14h UNF	281421408	
5/8"	7/8" 14h UNF	281421410	
1/2"	1"1/16 12h UNF	281421708	
5/8"	1"1/16 12h UNF	281421710	
3/4"	1"1/16 12h UNF	281421712	
1"	1"1/16 12h UNF	281421716	
3/4"	1"5/16 12h UNF	281422112	
1"	1"5/16 12h UNF	281422116	
1"	1"5/8 12h UNF	281422616	
1"1/4"	1"5/8 12h UNF	281422620	
1"1/4"	1"7/8 12h UNF	281423020	
1"1/2"	1"7/8 12h UNF	281423024	
2"	2"1/2 12h UNF	281424032	

DN	ROSCA THREAD	Referencia Part nº
1/4"	7/16" 20h UNF	282420704
1/4"	1/2" 20h UNF	282420804
5/16"	9/16" 18h UNF	282420905
3/8"	9/16" 18h UNF	282420906
3/8"	3/4" 16h UNF	282421206
1/2"	3/4" 16h UNF	282421208
1/2"	7/8" 14h UNF	282421408
3/4"	1"1/16 12h UNF	282421712
1"	1"5/16 12h UNF	282422116
1"1/4"	1"5/8 12h UNF	282422620
1"1/2"	1"7/8 12h UNF	282423024
2"	2"1/2 12h UNF	282424032

### Hembras giratorias 90º una sola pieza JIC 37º

One piece JIC 37º Female (90º Elbow)

Coude 90º femelle pré-sertie JIC 37º

Femmina 90º compatta JIC 37º



### Machos una sola pieza rosca JIC 37º

One piece JIC 37º male

Mâle pré-serti JIC 37º

Maschio compatto JIC sede 37º



DN	ROSCA THREAD	Referencia Part nº
1/4"	7/16" 20h UNF	281400704
1/4"	1/2" 20 H UNF	281400804
5/16"	1/2" 20h UNF	281400805
1/4"	9/16" 18h UNF	281400904
5/16"	9/16" 18h UNF	281400905
3/8"	9/16" 18h UNF	281400906
3/8"	3/4" 16 h UNF	281401206
1/2"	3/4" 16h UNF	281401208
3/8"	7/8" 14h UNF	281401406
1/2"	7/8" 14h UNF	281401408
5/8"	7/8" 14h UNF	281401410
1/2"	1" 1/16 12h UNF	281401708
5/8"	1" 1/16-12h UNF	281401710
3/4"	1"1/16 12h UNF	281401712
3/4"	1" 5/16 12h UNF	281402112
1"	1"5/16 12h UNF	281402116
1"	1" 5/8 12h UNF	281402616
1"1/4"	1"5/8 12h UNF	281402620
1"1/4"	1" 7/8 12h UNF	281403020
1"1/2"	1"7/8 12h UNF	281403024
2"	2"1/2 12h UNF	281404032

DN	ROSCA THREAD	Referencia Part nº
1/4"	7/16" 20h UNF	281380704
1/4"	1/2" 20h UNF	281380804
1/4"	9/16" 18h UNF	281380904
5/16"	9/16" 18h UNF	281380905
3/8"	9/16" 18h UNF	281380906
3/8"	5/8" 18h UNF	281381006
3/8"	3/4" 16h UNF	281381206
1/2"	3/4" 16h UNF	281381208
3/8"	7/8" 14h UNF	281381406
1/2"	7/8" 14h UNF	281381408
5/8"	7/8" 14h UNF	281381410
1/2"	1"1/16 12h UNF	281381708
5/8"	1"1/16 12h UNF	281381710
3/4"	1"1/16 12h UNF	281381712
3/4"	1"5/16 12h UNF	281382112
1"	1"5/16 12h UNF	281382116
1"	1"5/8 12h UNF	281382616
1"1/4"	1"5/8 12h UNF	281382620
1"1/4"	1"7/8 12h UNF	281383020
1"1/2"	1"7/8 12h UNF	281383024
2"	2"1/2 12h UNF	281384032

**TrAle®**

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

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
 Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
 Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

### Hembras giratorias 45° una sola pieza JIC37°

One piece JIC 37° Female (45° Elbow)

Coûde 45° femelle pré-sertie JIC 37°

Femmina 45° compatta JIC 37°



DN	ROSCA THREAD	Referencia Part n°
1/4"	7/16" 20h UNF	281390704
1/4"	1/2" 20h UNF	281390804
1/4"	9/16" 18h UNF	281390904
5/16"	9/16" 18h UNF	281390905
3/8"	9/16" 18h UNF	281390906
3/8"	3/4" 16h UNF	281391206
1/2"	3/4" 16h UNF	281391208
1/2"	7/8" 14h UNF	281391408
5/8"	7/8" 14h UNF	281391410
1/2"	1"1/16 12h UNF	281391708
5/8"	1"1/16 12h UNF	281391710
3/4"	1"1/16 12h UN	281391712
3/4"	1"5/16 12h UNF	281392112
1"	1"5/16 12h UN	281392116
1"	1"5/8 12h UNF	281392616
1"1/4"	1"5/8 12h UN	281392620
1" 1/4"	1"7/8 12h UNF	281393020
1"1/2"	1"7/8 12h UN	281393024
2"	2"1/2 12h UN	281394032

### Hembras giratorias rectas una sola pieza rosca NPSM cono 60°

One piece NPSM female 60° cone

Femelle pré-sertie NPSM cône 60°

Femmina diritta compatta NPSM sede 60°



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" 18h NPSM	282610404
3/8"	3/8" 18h NPSM	282610606
1/2"	1/2" 14h NPSM	282610808
3/4"	3/4" 14h NPSM	282611212
1"	1" - 11 1/2 h NPSM	282611616

### Machos una sola pieza rosca cónica NPT

One piece NPT male

Mâle pré-serti NPT

Maschio compatto conico NPT



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/8" NPT	281610204
1/4"	1/4" NPT	281610404
5/16"	1/4" NPT	281610405
3/8"	1/4" NPT	281610406
1/4"	3/8" NPT	281610604
5/16"	3/8" NPT	281610605
3/8"	3/8" NPT	281610606
1/2"	3/8" NPT	281610608
3/8"	1/2" NPT	281610806
1/2"	1/2" NPT	281610808
5/8"	1/2" NPT	281610810
1/2"	3/4" NPT	281611208
5/8"	3/4" NPT	281611210
3/4"	3/4" NPT	281611212
1"	3/4" NPT	281611216
3/4"	1" NPT	281611612
1"	1" NPT	281611616
1"	1" 1/4 NPT	281612016
1"1/4"	1"1/4 NPT	281612020
1" 1/4"	1"1/2 NPT	281612420
1"1/2"	1"1/2 NPT	281612424
1" 1/2"	2" NPT	281613224
2"	2" NPT	281613232

HOSES

FLEXIBLE HOSE  
FITTINGS

FLOW  
MEASURING

EQUIPMENT FOR  
FLEXIBLE HOSES

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

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
 Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
 Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

**TrAle®**

### Hembras giratorias rectas una sola pieza ORFS

One piece ORFS female

Femelle pré-sertie ORFS

Femmina diritta compatta ORFS



### Machos una sola pieza ORFS

One piece ORFS male

Mâle pré-serti ORFS

Maschio compatto ORFS



DN	ROSCA THREAD	Referencia Part n°
1/4"	9/16" 18h	289000904
1/4"	11/16" 16h	289001104
5/16"	11/16" 16h	289001105
3/8"	11/16" 16h	289001106
3/8"	13/16" 16h	289001306
1/2"	13/16" 16h	289001308
1/2"	1" 14h	289001608
5/8"	1" 14h	289001610
1/2"	1"3/16 12h	289001908
3/4"	1"3/16 12h	289001912
3/4"	1"7/16 12h	289002312
1"	1"7/16 12h	289002316
1"1/4	1"11/16 12h	289002720
1"1/2	2" 12h	289003224

DN	ROSCA THREAD	Referencia Part n°
1/4"	9/16" 18h	289120904
1/4"	11/16" 16h	289121104
5/16"	11/16" 16h	289121105
3/8"	11/16" 16h	289121106
3/8"	13/16" 16h	289121306
1/2"	13/16" 16h	289121308
1/2"	1" 14h	289121608
5/8"	1" 14h	289121610
1/2"	1"3/16 12h	289121908
3/4"	1"3/16 12h	289121912
3/4"	1"7/16 12h	289122312
1"	1"7/16 12h	289122316
1"1/4	1"11/16 12h	289122720

### Hembras giratorias 90º una sola pieza ORFS

One piece ORFS female (90° Elbow)

Coude 90° femelle pré-sertie ORFS

Femmina 90° compatta ORFS



DN	ROSCA THREAD	Referencia Part n°
1/4"	9/16" 18h	289070904
1/4"	11/16" 16h	289071104
5/16"	11/16" 16h	289071105
3/8"	11/16" 16h	289071106
3/8"	13/16" 16h	289071306
1/2"	13/16" 16h	289071308
1/2"	1" 14h	289071608
5/8"	1" 14h	289071610
1/2"	1"3/16 12h	289071908
3/4"	1"3/16 12h	289071912
3/4"	1"7/16 12h	289072312
1"	1"7/16 12h	289072316
1"1/4	1"11/16 12h	289072720
1"1/2	2" 12h	289073224

### Hembras giratorias 45º una sola pieza ORFS

One piece ORFS female (45° Elbow)

Coude 45° femelle pré-sertie ORFS

Femmina 45° compatta ORFS



DN	ROSCA THREAD	Referencia Part n°
1/4"	9/16" 18h	289080904
1/2"	1" 14h	289081008
1/4"	11/16" 16h	289081104
5/16"	11/16" 16h	289081105
3/8"	11/16" 16h	289081106
3/8"	13/16" 16h	289081306
1/2"	13/16" 16h	289081308
5/8"	1" 14h	289081610
1/2"	1"3/16 12h	289081908
3/4"	1"3/16 12h	289081912
3/4"	1"7/16 12h	289082312
1"	1"7/16 12h	289082316
1"1/4	1"11/16 12h	289082720
1"1/2	2" 12h	289083224



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

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
 Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
 Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

### Bridas rectas una sola pieza SAE 3000 PSI

One piece 3000 PSI SAE Straight Flange / Code 61

Bride SAE droite pré-sertie série 3000 PSI

Flangia diritta compatta SAE 3000 PSI



DN	∅	Referencia Part nº
1/2"	30,2	281820808
1/2"	38,1	281821208
5/8"	38,1	281821210
3/4"	38,1	281821212
3/4"	44,5	281821612
1"	44,5	281821616
1"	50,8	281822016
1"1/4	50,8	281822020
1" 1/4	60,3	281822420
1"1/2	60,3	281822424
1" 1/2	71,4	281823224
2"	71,4	281823232

### Bridas rectas una sola pieza SAE 6000 PSI

One piece 6000 PSI SAE Straight Flange / Code 62

Bride SAE droite pré-sertie série 6000 PSI

Flangia diritta compatta SAE 6000 PSI



DN	∅	Referencia Part nº
1/2"	31,8	282820808
1/2"	41,3	282821208
5/8"	41,3	282821210
3/4"	41,3	282821212
3/4"	47,6	282821612
1"	47,6	282821616
1"	54	282822016
1"1/4	54	282822020
1" 1/4	63,5	282822420
1"1/2	63,5	282822424
1" 1/2	79,4	282823224
2"	79,4	282823232

### Bridas 90º una sola pieza SAE 3000 PSI

One piece 3000 PSI SAE 90º Flange / Code 61

Bride SAE coude 90º pré-sertie série 3000 PSI

Flangia 90º compatta SAE 3000 PSI



DN	∅	Referencia Part nº
1/2"	30,2	281830808
1/2"	38,1	281831208
5/8"	38,1	281831210
3/4"	38,1	281831212
3/4"	44,5	281831612
1"	44,5	281831616
1"	50,8	281832016
1"1/4	50,8	281832020
1" 1/4	60,3	281832420
1"1/2	60,3	281832424
1" 1/2	71,4	281833224
2"	71,4	281833232

### Bridas 90º una sola pieza SAE 6000 PSI

One piece 6000 PSI SAE 90º Flange / Code 62

Bride SAE coude 90º pré-sertie série 6000 PSI

Flangia 90º compatta SAE 6000 PSI



DN	∅	Referencia Part nº
1/2"	31,8	282830808
1/2"	41,3	282831208
5/8"	41,3	282831210
3/4"	41,3	282831212
3/4"	47,6	282831612
1"	47,6	282831616
1"	54	282832016
1"1/4	54	282832020
1" 1/4	63,5	282832420
1"1/2	63,5	282832424
1" 1/2	79,4	282833224
2"	79,4	282833232

### Bridas 45º una sola pieza SAE 3000 PSI

One piece 3000 PSI SAE 45º Flange / Code 61

Bride SAE coude 45º pré-sertie série 3000 PSI

Flangia 45º compatta SAE 3000 PSI



DN	∅	Referencia Part nº
1/2"	30,2	281840808
1/2"	38,1	281841208
5/8"	38,1	281841210
3/4"	38,1	281841212
3/4"	44,5	281841612
1"	44,5	281841616
1"	50,8	281842016
1"1/4	50,8	281842020
1" 1/4	60,3	281842420
1"1/2	60,3	281842424
1" 1/2	71,4	281843224
2"	71,4	281843232

### Bridas 45º una sola pieza SAE 6000 PSI

One piece 6000 PSI SAE 45º Flange / Code 62

Bride SAE coude 45º pré-sertie série 6000 PSI

Flangia 45º compatta SAE 6000 PSI



DN	∅	Referencia Part nº
1/2"	31,8	282840808
1/2"	41,3	282841208
5/8"	41,3	282841210
3/4"	41,3	282841212
3/4"	47,6	282841612
1"	47,6	282841616
1"	54	282842016
1"1/4	54	282842020
1" 1/4	63,5	282842420
1"1/2	63,5	282842424
1" 1/2	79,4	282843224
2"	79,4	282843232

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

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
 Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
 Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

**TrAle**®

### Bridas rectas una sola pieza SAE 9000 PSI

One piece 9000 PSI SAE Straight Flange

Bride SAE droite pré-sertie série 9000 PSI

Flangia diritta compatta SAE 9000 PSI



DN	∅	Referencia Part n°
3/4"	41.3	482821212
3/4"	47.6	482821612
1"	47.6	482821616
1"	54	482822016
1" 1/4	54	482822020
1" 1/2	63.5	482822424

### Bridas 90° una sola pieza SAE 9000 PSI

One piece 9000 PSI SAE 90° Flange

Bride SAE coude 90° pré-sertie série 9000 PSI

Flangia 90° compatta SAE 9000 PSI



DN	∅	Referencia Part n°
1/2"	41.3	482831212
3/4"	47.6	482831612
1"	47.6	482831616
1"	54	482832016
1" 1/4	54	482832020
1" 1/2	63.5	482832424

### Bridas 45° una sola pieza SAE 9000 PSI

One piece 9000 PSI SAE 45° Flange

Bride SAE coude 45° pré-sertie série 9000 PSI

Flangia 45° compatta SAE 9000 PSI



DN	∅	Referencia Part n°
1/2"	41.3	482841212
3/4"	47.6	482841612
1"	47.6	482841616
1"	54	482842016
1" 1/4	54	482842020
1" 1/2	63.5	482842424





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

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
 Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
 Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

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

One piece Metric female cone 24°

Femelle pré-sertie Métrique cône 24°

Femmina diritta compatta metrica sede 24°+O'ring



### Machos una sola pieza rosca Métrica cono 24°

One piece Metric male cone 24°

Mâle pré-serti Métrique cône 24°

Maschio compatto metrico sede 24°+O'ring



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1/4"	6	L	M12x1.5	28804120604
1/4"	8	L	M14x1.5	28804140804
1/4"	10	L	M16X1.5	28804161004
5/16"	10	L	M16x1.5	28804161005
3/8"	10	L	M16x1.5	28804161006
1/4"	12	L	M18X1.5	28804181204
5/16"	12	L	M18X1.5	28804181205
3/8"	12	L	M18x1.5	28804181206
1/2"	12	L	M18x1.5	28804181208
3/8"	15	L	M22X1.5	28804221506
1/2"	15	L	M22x1.5	28804221508
1/2"	18	L	M26x1.5	28804261808
5/8"	18	L	M26x1.5	28804261810
3/4"	18	L	M26x1.5	28804261812
5/8"	22	L	M30x2	28804302210
3/4"	22	L	M30x2	28804302212
3/4"	18	L	M36x2	28804362812
1"	28	L	M36x2	28804362816
1"1/4	35	L	M45x2	28804453520
1"1/2	42	L	M52x2	28804524224
1/4"	6	S	M14x1.5	28804140604
1/4"	8	S	M16x1.5	28804160804
1/4"	10	S	M18x1.5	28804181004
3/8"	10	S	M18x1.5	28804181006
1/4"	12	S	M20X1.5	28804201204
5/16"	12	S	M20X1.5	28804201205
3/8"	12	S	M20x1.5	28804201206
1/2"	12	S	M20X1.5	28804201208
3/8"	14	S	M22X1.5	28804221406
1/2"	14	S	M22X1.5	28804221408
3/8"	16	S	M24x1.5	28804241606
1/2"	16	S	M24x1.5	28804241608
5/8"	16	S	M24x1.5	28804241610
1/2"	20	S	M30x2	28804302008
5/8"	20	S	M30x2	28804302010
3/4"	20	S	M30x2	28804302012
3/4"	25	S	M36x2	28804362512
1"	25	S	M36x2	28804362516
1"	30	S	M42x2	28804423016
1"1/4	38	S	M52x2	28804523820

DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
1/4"	6	L	M12x1.5	28203120604	
1/4"	8	L	M14x1.5	28203140804	
1/4"	10	L	M16X1.5	28203161004	
5/16"	10	L	M16x1.5	28203161005	
3/8"	10	L	M16x1.5	28203161006	
1/4"	12	L	M18X1.5	28203181204	
5/16"	12	L	M18X1.5	28203181205	
3/8"	12	L	M18x1.5	28203181206	
3/8"	15	L	M22X1.5	28203221506	
1/2"	15	L	M22x1.5	28203221508	
1/2"	18	L	M26X1.5	28203261808	
5/8"	18	L	M26x1.5	28203261810	
3/4"	22	L	M30x2	28203302212	
1"	28	L	M36x2	28203362816	
1"1/4	35	L	M45x2	28203453520	
1"1/2	42	L	M52x2	28203524224	
1/4"	8	S	M16x1.5	28203160804	
1/4"	10	S	M18x1.5	28203181004	
5/16"	10	S	M18X1.5	28203181005	
3/8"	10	S	M18X1.5	28203181006	
5/16"	12	S	M20X1.5	28203201205	
3/8"	12	S	M20x1.5	28203201206	
3/8"	14	S	M22X1.5	28203221406	
1/2"	16	S	M24x1.5	28203241608	
5/8"	20	S	M30x2	28203302010	
3/4"	20	S	M30x2	28203302012	
3/4"	25	S	M36x2	28203362512	
1"	25	S	M36x2	28203362516	
1"	30	S	M42x2	28203423016	
1"1/4	38	S	M52x2	28203523820	

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

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
 Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
 Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

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### Membras giratorias 90º una sola pieza Métricas cono 24º - DKO 90º

One piece Metric female cone 24º (90º Elbow)

Coude 90º femelle pré-sertie Métrique cône 24º

Femmina 90º compatta metrica sede 24º+O'ring



### Membras giratorias 45º una sola pieza Métricas cono 24º - DKO 45º

One piece Metric female cone 24º (45º Elbow)

Coude 45º femelle pré-sertie Métrique cône 24º

Femmina 45º compatta metrica sede 24º+O'ring



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part nº
1/4"	6	L	M12x1.5	28305120604
1/4"	8	L	M14x1.5	28305140804
1/4"	10	L	M16x1.5	28305161004
5/16"	10	L	M16x1.5	28305161005
3/8"	10	L	M16x1.5	28305161006
1/4"	12	L	M18x1.5	NEW 28305181204
5/16"	12	L	M18x1.5	28305181205
3/8"	12	L	M18x1.5	28305181206
3/8"	15	L	M22x1.5	28305221506
1/2"	15	L	M22x1.5	28305221508
1/2"	18	L	M26x1.5	NEW 28305261808
5/8"	18	L	M26x1.5	28305261810
5/8"	22	L	M30x2	NEW 28305302210
3/4"	22	L	M30x2	28305302212
1"	28	L	M36x2	28305362816
1 1/4"	35	L	M45x2	28305453520
1 1/2"	42	L	M52x2	28305524224
1/4"	8	S	M16x1.5	28305160804
1/4"	10	S	M18x1.5	28305181004
5/16"	10	S	M18x1.5	28305181005
3/8"	10	S	M18x1.5	28305181006
1/4"	12	S	M20x1.5	NEW 28305201204
5/16"	12	S	M20x1.5	28305201205
3/8"	12	S	M20x1.5	28305201206
3/8"	14	S	M22x1.5	28305221406
3/8"	16	S	M24x1.5	NEW 28305241606
1/2"	16	S	M24x1.5	28305241608
5/8"	20	S	M30x2	28305302010
3/4"	20	S	M30x2	28305302012
3/4"	25	S	M36x2	28305362512
1"	25	S	M36x2	28305362516
1"	30	S	M42x2	28305423016
1 1/4"	38	S	M52x2	28305523820

DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part nº
1/4"	6	L	M12x1.5	28306120604
1/4"	8	L	M14x1.5	28306140804
1/4"	10	L	M16x1.5	28306161004
5/16"	10	L	M16x1.5	28306161005
3/8"	10	L	M16x1.5	28306161006
5/16"	12	L	M18x1.5	28306181205
3/8"	12	L	M18x1.5	28306181206
3/8"	15	L	M22x1.5	NEW 28306221506
1/2"	15	L	M22x1.5	28306221508
5/8"	18	L	M26x1.5	28306261810
3/4"	22	L	M30x2	28306302212
1"	28	L	M36x2	28306362816
1 1/4"	35	L	M45x2	28306453520
1 1/2"	42	L	M52x2	28306524224
1/4"	6	S	M14x1.5	NEW 28306140604
1/4"	8	S	M16x1.5	28306160804
1/4"	10	S	M18x1.5	28306181004
5/16"	12	S	M20x1.5	28306201205
3/8"	12	S	M20x1.5	28306201206
3/8"	14	S	M22x1.5	28306221406
3/8"	16	S	M24x1.5	NEW 28306241606
1/2"	16	S	M24x1.5	28306241608
5/8"	20	S	M30x2	28306302010
3/4"	20	S	M30x2	28306302012
3/4"	25	S	M36x2	28306362512
1"	25	S	M36x2	28306362516
1"	30	S	M42x2	28306423016
1 1/4"	38	S	M52x2	28306523820

### Orientable una sola pieza Métrico Recto

One piece Banjo metric

Banjo droit pré-serti Métrique

Raccordo ad occhio Metrico compatto



DN	Ø	Referencia Part nº
1/4"	M10x1	281161004
1/4"	M12x1.5	281161204
1/4"	M14x1.5	281161404
5/16"	M14x1.5	281161405
3/8"	M14x1.5	281161406
5/16"	M16x1.5	281161605
3/8"	M16x1.5	281161606
3/8"	M18x1.5	281161806
1/2"	M18x1.5	281161808
1/2"	M22x1.5	281162208
5/8"	M22x1.5	281162210
3/4"	M30x2	281163012



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

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
 Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
 Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

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

One piece Female metric swivel 24° / 60° cone

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

Femmina Metrica Girevole Multiseal compatta 24° / 60°



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
1/4"	8L	M14X1.5	284049511	
1/4"	10L	M16X1.5	284049520	
5/16"	10L	M16X1.5	284049523	
3/8"	10L	M16X1.5	284049524	
5/16"	12L	M18X1.5	284049525	
3/8"	12L	M18X1.5	284049535	
3/8"	15L	M22X1.5	284049552	
1/2"	15L	M22X1.5	284049555	
5/8"	18L	M26X1.5	284049571	

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

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

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

Femmina Metrica Girevole a 90° Multiseal compatta 24° / 60°



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°
1/4"	8L	M14X1.5	284059511
1/4"	10L	M16X1.5	284059520
5/16"	10L	M16X1.5	284059523
3/8"	10L	M16X1.5	284059524
5/16"	12L	M18X1.5	284059525
3/8"	12L	M18X1.5	284059535
3/8"	15L	M22X1.5	284059552
1/2"	15L	M22X1.5	284059555
5/8"	18L	M26X1.5	284059571

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

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

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

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



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°
1/4"	8L	M14X1.5	284069511
5/16"	10L	M16X1.5	284069523
3/8"	10L	M16X1.5	284069524
5/16"	12L	M18X1.5	284069525
3/8"	12L	M18X1.5	284069535
1/2"	15L	M22X1.5	284069555
5/8"	18L	M26X1.5	284069571

### Espiga lisa recta una sola pieza Métrica

One piece Metric standpipe

Embout lisse droit pré-serti Métrique

Estremità tubolare diritta Metrica compatta



DN	TUBO PIPE	Referencia Part n°
1/4"	6	281580604
1/4"	8	281580804
5/16"	8	281580805
1/4"	10	281581004
5/16"	10	281581005
3/8"	10	281581006
1/4"	12	281581204
5/16"	12	281581205
3/8"	12	281581206
1/2"	12	281581208
3/8"	14	281581406
1/2"	14	281581408
3/8"	15	281581506
1/2"	15	281581508
1/2"	16	281581608
1/2"	18	281581808
5/8"	18	281581810
3/4"	20	281582012
3/4"	22	281582212
1"	25	281582516
1"	28	281582816
1"	30	281583016
1"1/4	35	281583520
1"1/2	42	281584224

### Hembras giratorias rectas una sola pieza Komatsu cono

One piece Komatsu swivel female 60° cone

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

Femmina Komatsu sede 60° compatta



DN	ROSCA THREAD	Referencia Part n°
1/4"	M14X1.5	288049625
3/8"	M18X1.5	288049635
1/2"	M22X1.5	288049655
5/8"	M24X1.5	288049665
3/4"	M30X1.5	288049684
1"	M33X1.5	288049685

### Espigas de prensar dobles una sola pieza

One piece Double crimp standpipe

Embout double jonction pré-serti

Giunzione tubo-tubo compatta



DN	Referencia Part n°
1/4"	283000404
5/16"	283000505
3/8"	283000606
1/2"	283000808
3/4"	283001212
1"	283001616

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

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
 Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
 Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17



### Hembras giratorias rectas una sola pieza rosca BSP cono 60°

One piece BSP female 60° cone

Femelle pré-sertie BSP cône 60°

Femmina diritta compatta BSP sede 60°



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

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

CoUDE 90° femelle pré-sertie BSP cône 60°

Femmina 90° compatta BSP sede 60°



DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/8" BSP	281000204	
3/16"	1/4" BSP	281000403	
1/4"	1/4" BSP	281000404	
5/16"	1/4" BSP	281000405	
3/8"	1/4" BSP	281000406	
1/4"	3/8" BSP	281000604	
5/16"	3/8" BSP	281000605	
3/8"	3/8" BSP	281000606	
1/2"	3/8" BSP	281000608	
1/4"	1/2" BSP	281000804	
3/8"	1/2" BSP	281000806	
1/2"	1/2" BSP	281000808	
5/8"	1/2" BSP	281000810	
1/2"	5/8" BSP	281001008	
5/8"	3/4" BSP	281001210	
5/8"	5/8" BSP	281001010	
1/2"	3/4" BSP	281001208	
3/4"	3/4" BSP	281001212	
3/4"	1" BSP	281001612	
1"	1" BSP	281001616	

DN	ROSCA THREAD	Referencia Part n°
1/4"	1/8" BSP	281070204
1/4"	1/4" BSP	281070404
1/4"	3/8" BSP	281070604
5/16"	3/8" BSP	281070605
3/8"	3/8" BSP	281070606
1/4"	1/2" BSP	281070804
3/8"	1/2" BSP	281070806
1/2"	1/2" BSP	281070808
1/2"	5/8" BSP	281071008
5/8"	5/8" BSP	281071010
1/2"	3/4" BSP	281071208
5/8"	3/4" BSP	281071210
3/4"	3/4" BSP	281071212
3/4"	1" BSP	281071612
1"	1" BSP	281071616

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

One piece double hexagonal BSP female 60° cone

Femelle pré-sertie BSP cône 60° double hexagonal

Femmina diritta compatta BSP sede 60° doppio esagono



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

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

CoUDE 45° femelle pré-sertie BSP cône 60°

Femmina 45° compatta BSP sede 60°



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	284000404
5/16"	3/8" BSP	284000605
3/8"	3/8" BSP	284000606
1/2"	1/2" BSP	284000808
3/4"	3/4" BSP	284001212
1"	1" BSP	284001616
1"1/4"	1"1/4" BSP	284002020
1"1/2"	1"1/2" BSP	284002424
2"	2" BSP	284003232

DN	ROSCA THREAD	Referencia Part n°
1/4"	1/8" BSP	281080204
1/4"	1/4" BSP	281080404
1/4"	3/8" BSP	281080604
5/16"	3/8" BSP	281080605
3/8"	3/8" BSP	281080606
3/8"	1/2" BSP	281080806
1/2"	1/2" BSP	281080808
1/2"	5/8" BSP	281081008
5/8"	5/8" BSP	281081010
5/8"	3/4" BSP	281081210
3/4"	3/4" BSP	281081212
3/4"	1" BSP	281081612
1"	1" BSP	281081616

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

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

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

Femmina compatta 90° BSP sede 60° serie compatta



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	281270404
3/8"	3/8" BSP	281270606
1/2"	1/2" BSP	281270808
3/4"	3/4" BSP	281271212



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

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
 Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
 Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

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

One piece BSP female 60° cone +o'ring

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

Femmina diritta compatta BSP sede 60°+o'ring



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	281100404
3/8"	3/8" BSP	281100606
1/2"	1/2" BSP	281100808
5/8"	5/8" BSP	281101010
5/8"	3/4" BSP	281101210
3/4"	3/4" BSP	281101212
1"	1" BSP	281101616
1"	1"1/4 BSP	281102016
1" 1/4	1"1/4 BSP	281102020
1" 1/4	1" 1/2 BSP	281102420
1" 1/2	1" 1/2 BSP	281102424
1" 1/2	2" BSP	281103224
2"	2" BSP	281103232

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

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

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

Femmina 90° compatta BSP sede 60° +o'ring



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	281170404
3/8"	3/8" BSP	281170606
1/2"	1/2" BSP	281170808
5/8"	5/8" BSP	281171010
3/4"	3/4" BSP	281171212
1"	1" BSP	281171616
1"	1" 1/4 BSP	281172016
1" 1/4	1" 1/4 BSP	281172020
1" 1/4	1" 1/2 BSP	281172420
1" 1/2	1" 1/2 BSP	281172424
2"	2" BSP	281173232

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

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

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

Femmina 45° compatta BSP sede 60° +o'ring



DN	ROSCA THREAD	Referencia Part n°
3/8"	3/8" BSP	281180606
1/2"	1/2" BSP	281180808
5/8"	5/8" BSP	281181010
3/4"	3/4" BSP	281181212
1"	1" BSP	281181616
1" 1/4	1" 1/4 BSP	281182020
1" 1/2	1" 1/2 BSP	281182424
2"	2" BSP	281183232

### Hembras giratorias rectas una sola pieza BSP asiento plano

One piece BSP Swivel female flat seat

Femelle pré-sertie tournante fond plat BSP

Femmina diritta compatta BSP sede piana



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	282000404
5/16"	3/8" BSP	282000605
3/8"	3/8" BSP	282000606
3/8"	1/2" BSP	282000806
1/2"	1/2" BSP	282000808
1/2"	3/4" BSP	282001208
3/4"	3/4" BSP	282001212
1"	1" BSP	282001616
1" 1/4	1" 1/4 BSP	282002020
1" 1/2	1" 1/2 BSP	282002424

### Hembras giratorias 90° una sola pieza BSP asiento plano

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

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

Femmina a 90° compatta BSP sede 60° sede piana



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	282070404
3/8"	3/8" BSP	282070606
1/2"	1/2" BSP	282070808
3/4"	3/4" BSP	282071212
1"	1" BSP	282071616

### Macho rosca cilíndrica BSP una sola pieza asiento plano

One piece BSP Male flat seat

Mâle pré-serti fixe gaz cyl fond plat

Maschio BSP compatto cilindrico sede piana



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	282120404
3/8"	3/8" BSP	282120606
3/8"	1/2" BSP	282120806
1/2"	1/2" BSP	282120808
3/4"	3/4" BSP	282121212
1"	1" BSP	282121616

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

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
 Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17  
 Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

**TrAle**®

### Machos una sola pieza rosca cilíndrica BSP cono 60º

One piece BSP male 60º cone

Mâle pré-serti BSP cône 60º

Maschio compatto cilindrico BSP sede 60º



### Orientable una sola pieza BSP

One piece Banjo BSP

Embout pré-serti Banjo droit gaz

Raccordo ad occhio compatto BSP



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/8" BSP	281120204
1/4"	1/4" BSP	281120404
3/8"	1/4" BSP	281120406
1/4"	3/8" BSP	281120604
5/16"	3/8" BSP	281120605
3/8"	3/8" BSP	281120606
1/2"	3/8" BSP	281120608
1/4"	1/2" BSP	281120804
3/8"	1/2" BSP	281120806
1/2"	1/2" BSP	281120808
1/2"	5/8" BSP	281121008
5/8"	5/8" BSP	281121010
1/2"	3/4" BSP	281121208
5/8"	3/4" BSP	281121210
3/4"	3/4" BSP	281121212
3/4"	1" BSP	281121612
1"	1" BSP	281121616
1"	1"1/4 BSP	281122016
1"1/4"	1"1/4 BSP	281122020
1"1/2"	1"1/2 BSP	281122424
2"	2" BSP	281123232

DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	281110404
5/16"	1/4" BSP	281110405
3/8"	1/4" BSP	281110406
1/4"	3/8" BSP	281110604
5/16"	3/8" BSP	281110605
3/8"	3/8" BSP	281110606
1/2"	3/8" BSP	281110608
3/8"	1/2" BSP	281110806
1/2"	1/2" BSP	281110808
5/8"	5/8" BSP	281111010
1/2"	3/4" BSP	281111208
5/8"	3/4" BSP	281111210
3/4"	3/4" BSP	281111212
1"	1" BSP	281111616

### Macho rosca cónica una sola pieza BSPT

One piece BSPT Male tapered

Mâle pré-serti fixe gaz conique BSPT

Maschio compatto conico BSPT



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/8" BSPT	281140204
1/4"	1/4" BSPT	281140404
1/4"	3/8" BSPT	281140604
5/16"	3/8" BSPT	281140605
3/8"	3/8" BSPT	281140606
3/8"	1/2" BSPT	281140806
1/2"	1/2" BSPT	281140808
5/8"	3/4" BSPT	281141210
3/4"	3/4" BSPT	281141212
3/4"	1" BSPT	281141612
1"	1" BSPT	281141616
1"	1"1/4 BSPT	281142016
1"1/4"	1"1/4 BSPT	281142020
1"1/2"	1"1/2 BSPT	281142424
2"	2" BSPT	281143232

## CONFIGURE YOUR OWN ONE PIECE SERIES FITTINGS. CONSULT US.

Configura tus propias conexiones en Una sola pieza. Consúltanos.

### ■ One piece fittings 43 Series

*Conexiones Una sola pieza Serie 43*



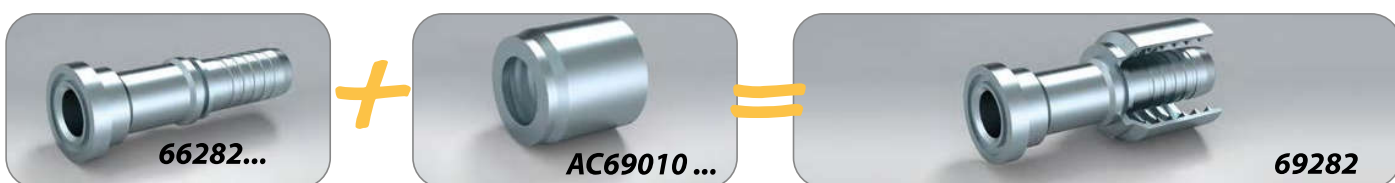
### ■ One piece fittings BWS Serie 3SP/4SP/4SH/R12

*Conexiones Una sola pieza Serie BWS 3SP/4SP/4SH/R12*



### ■ One piece fittings BW+ Series R13/R15

*Conexiones una sola pieza Serie BW+ R13/R15*



### ■ Piece fittings R7 / R8 & braid of steel wire

*Conexiones Una sola pieza R7 / R8 y elastómero malla metálica*



### ■ One piece fittings for smooth PTFE

*Conexiones Una sola pieza PTFE liso*



### ■ One piece fittings for convoluted PTFE

*Conexiones Una sola pieza PTFE corrugado*




## Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar

One piece fittings BWS SERIES 3SP/4SP/R12/4SH NO SKIVE

Embouts pré-sertis BWS 3SP/4SP/R12/4SH Sans dénuder

Raccordi compatti serie BWS R12/4SP/4SH Serie BW senza spellatura

 **R13 & R15 - Ø 3/4" - 1"**

**TrAle®**

### Machos una sola pieza rosca JIC 37°

One piece JIC 37° male

Mâle pré-serti JIC 37°

Maschio compatto JIC sede 37°



DN	ROSCA THREAD	Referencia Part n°
3/8"	9/16" 18h UNF	581400906
1/2"	3/4" 16h UNF	581401208
5/8"	7/8" 14h UNF	581401410
3/4"	1"1/16 12h UN	581401712
1"	1"5/16 12h UN	581402116
1"1/4	1"5/8 12h UN	581402620
1"1/2	1"7/8 12 UN	581403024
2"	2"1/2 12h UN	581404032

### Hembras giratorias 45° una sola pieza JIC 37°

One piece JIC 37° Swivel female (45° Elbow)

Coude 45° femelle pré-sertie JIC 37°

Femmina 45° compatta JIC 37°



DN	ROSCA THREAD	Referencia Part n°
3/8"	9/16" 18h UNF	581390906
1/2"	3/4" 16h UNF	581391208
5/8"	7/8" 14h UNF	581391410
3/4"	1"1/16 12h UN	581391712
1"	1"5/16 12h UN	581392116
1"1/4	1"5/8 12h UN	581392620
1"1/2	1"7/8 12 UN	581393024
2"	2"1/2 12h UN	581394032

### Hembras giratorias rectas una sola pieza JIC 37°

One piece JIC 37° Swivel female

Femelle pré-sertie JIC 37°

Femmina diritta compatta JIC 37°



DN	ROSCA THREAD	Referencia Part n°
3/8"	9/16" 18h UNF	581420906
1/2"	3/4" 16h UNF	581421208
5/8"	7/8" 14h UNF	581421410
3/4"	1"1/16 12h UN	581421712
1"	1"5/16 12h UN	581422116
1"1/4	1"5/8 12h UN	581422620
1"1/2	1"7/8 12 UN	581423024
2"	2"1/2 12h UN	581424032

### Hembras giratorias rectas una sola pieza JIC 37° doble he

One piece double hexagonal JIC 37° Swivel female

Femelle pré-sertie JIC 37° double hexagonal

Femmina diritta JIC 37° doppio esagono



DN	ROSCA THREAD	Referencia Part n°
3/8"	9/16" 18h UNF	582420906
1/2"	3/4" 16h UNF	582421208
3/4"	1"1/16 12h UN	582421712
1"	1"5/16 12h UN	582422116
1"1/4	1"5/8 12h UN	582422620
1"1/2	1"7/8 12 UN	582423024
2"	2"1/2 12h UN	582424032

### Hembras giratorias 90° una sola pieza JIC 37°

One piece JIC 37° Swivel female (90° Elbow)

Coude 90° femelle pré-sertie JIC 37°

Femmina 90° compatta JIC 37°



DN	ROSCA THREAD	Referencia Part n°
3/8"	9/16" 18h UNF	581380906
1/2"	3/4" 16h UNF	581381208
5/8"	7/8" 14h UNF	581381410
3/4"	1"1/16 12h UN	581381712
1"	1"5/16 12h UN	581382116
1"1/4	1"5/8 12h UN	581382620
1"1/2	1"7/8 12 UN	581383024
2"	2"1/2 12h UN	581384032



# TrAie® Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar

One piece fittings BWS SERIES 3SP/4SP/R12/4SH NO SKIVE  
 Embouts pré-sertis BWS 3SP/4SP/R12/4SH Sans dénuder  
 Raccordi compatti serie BWS R12/4SP/4SH Serie BW senza spellatura  
**👁️ R13 & R15 - Ø 3/4" - 1"**

## Hembras giratorias rectas una sola pieza ORFS

One piece ORFS Swivel female

Femelle pré-sertie ORFS

Femmina diritta compatta ORFS



DN	ROSCA THREAD	Referencia Part n°
3/8"	11/16" 16h UNF	589000606
1/2"	13/16" 16h UNF	589000808
5/8"	1" 14h UNF	589001010
3/4"	1"3/16 12h UNF	589001212
1"	1"7/16 12h UNF	589001616
1"1/4	1"11/16 12h UNF	589002020
1"1/2	2" 12h UNF	589002424

## Hembras giratorias 90º una sola pieza ORFS

One piece ORFS Swivel female (90° Elbow)

Coûde 90° femelle pré-sertie ORFS

Femmina 90° compatta ORFS



DN	ROSCA THREAD	Referencia Part n°
3/8"	11/16" 16h UNF	589070606
1/2"	13/16" 16h UNF	589070808
5/8"	1" 14h UNF	589071010
3/4"	1"3/16 12h UNF	589071212
1"	1"7/16 12h UNF	589071616
1"1/4	1"11/16 12h UNF	589072020
1"1/2	2" 12h UNF	589072424

## Hembras giratorias 45º una sola pieza ORFS

One piece ORFS Swivel female (45° Elbow)

Coûde 45° femelle pré-sertie ORFS

Femmina 45° compatta ORFS



DN	ROSCA THREAD	Referencia Part n°
3/8"	11/16" 16h UNF	589080606
1/2"	13/16" 16h UNF	589080808
5/8"	1" 14h UNF	589081010
3/4"	1"3/16 12h UNF	589081212
1"	1"7/16 12h UNF	589081616
1"1/4	1"11/16 12h UNF	589082020
1"1/2	2" 12h UNF	589082424

## Machos una sola pieza ORFS

One piece ORFS male

Mâle pré-serti ORFS

Maschio compatto ORFS



DN	ROSCA THREAD	Referencia Part n°	€
3/8"	11/16" 16h UN	589120606	5,11
1/2"	13/16" 16h UN	589120808	7,37
5/8"	1" 14h UNS	589121010	10,14
3/4"	1"3/16 12h UN	589121212	14,58
1"	1"7/16 12h UN	589121616	23,40
1"1/4	1"11/16 12h UN	589122020	40,06

## Hembras giratorias rectas una sola pieza rosca NPSM cono 60º

One piece NPSM Swivel female 60° cone

Femelle pré-sertie NPSM cône 60°

Femmina diritta compatta NPSM sede 60°



DN	ROSCA THREAD	Referencia Part n°	
3/8"	3/8" NPT	582610606	
1/2"	1/2" NPT	582610808	
3/4"	3/4" NPT	582611212	1
1"	1" NPT	582611616	1

## Machos una sola pieza rosca cónica NPT

One piece NPT male pipe straight

Mâle pré-serti NPT

Maschio compatto conico NPT



DN	ROSCA THREAD	Referencia Part n°
3/8"	3/8" NPT	581610606
1/2"	1/2" NPT	581610808
3/4"	3/4" NPT	581611212
1"	1" NPT	581611616
1"1/4	1"1/4 NPT	581612020
1"1/2	1"1/2 NPT	581612424
2"	2" NPT	581613232

HOSES

FLEXIBLE HOSE FITTINGS

FLOW MEASURING

EQUIPMENT FOR FLEXIBLE HOSES

## Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar

One piece fittings BWS SERIES 3SP/4SP/R12/4SH NO SKIVE

Embouts pré-sertis BWS 3SP/4SP/R12/4SH Sans dénuder

Raccordi compatti serie BWS R12/4SP/4SH Serie BW senza spellatura

 **R13 & R15 - Ø 3/4" - 1"**

**TrAle®**

### Bridas rectas una sola pieza SAE 3000 PSI

One piece 3000 PSI SAE Straight Flange / Code 61

Bride SAE droite pré-sertie série 3000 PSI

Flangia diritta compatta SAE 3000 PSI



DN	Ø	Referencia Part n°
1/2"	30,2	581820808
3/4"	38,1	581821212
1"	44,5	581821616
1"1/4	50,8	581822020
1"1/2	60,3	581822424
2"	71,4	581823232

### Bridas rectas una sola pieza SAE 6000 PSI

One piece 6000 PSI SAE Straight Flange / Code 62

Bride SAE droite pré-sertie série 6000 PSI

Flangia diritta compatta SAE 6000 PSI



DN	Ø	Referencia Part n°
1/2"	31,8	582820808
3/4"	41,3	582821212
1"	47,6	582821616
1"1/4	54,0	582822020
1"1/2	63,5	582822424
1"1/2	79,4	NEW 582823224
2"	79,4	582823232

### Bridas 90° una sola pieza SAE 3000 PSI

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

Bride SAE coude 90° pré-sertie série 3000 PSI

Flangia 90° compatta SAE 3000 PSI



DN	Ø	Referencia Part n°
1/2"	30,2	581830808
1/2"	38,1	NEW 581831208
3/4"	38,1	581831212
1"	44,5	581831616
1"1/4	50,8	581832020
1"1/2	60,3	581832424
2"	71,4	581833232

### Bridas 90° una sola pieza SAE 6000 PSI

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

Bride SAE coude 90° pré-sertie série 6000 PSI

Flangia 90° compatta SAE 6000 PSI



DN	Ø	Referencia Part n°
1/2"	31,8	582830808
3/4"	41,3	582831212
1"	47,6	582831616
1"1/4	54,0	582832020
1"1/2	63,5	582832424

### Bridas 45° una sola pieza SAE 3000 PSI

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

Bride SAE coude 45° pré-sertie série 3000 PSI

Flangia 45° compatta SAE 3000 PSI



DN	Ø	Referencia Part n°
1/2"	30,2	581840808
3/4"	38,1	581841212
1"	44,5	581841616
1"1/4	50,8	581842020
1"1/2	60,3	581842424
2"	71,4	581843232

### Bridas 45° una sola pieza SAE 6000 PSI

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

Bride SAE coude 45° pré-sertie série 6000 PSI

Flangia 45° compatta SAE 6000 PSI



DN	Ø	Referencia Part n°
1/2"	31,8	582840808
3/4"	41,3	582841212
1"	47,6	582841616
1"1/4	54,0	582842020
1"1/2	63,5	582842424
2"	79,4	582843232

# TrAie® Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar

One piece fittings BWS SERIES 3SP/4SP/R12/4SH NO SKIVE  
 Embouts pré-sertis BWS 3SP/4SP/R12/4SH Sans dénuder  
 Raccordi compatti serie BWS R12/4SP/4SH Serie BW senza spellatura  
**👁️ R13 & R15 - Ø 3/4" - 1"**

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

One piece Metric female cone 24°

Femelle pré-sertie Métrique cône 24°

Femmina diritta compatta metrica sede 24°+O'ring



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
3/8"	10	L	M16x1.5	58804161006
3/8"	12	L	M18x1.5	58804181206
3/8"	15	L	M22x1.5	58804221506
1/2"	15	L	M22x1.5	58804221508
1/2"	18	L	M26x1.5	58804261808
5/8"	18	L	M26x1.5	58804261810
3/4"	22	L	M30x2	58804302212
1"	28	L	M36x2	58804362816
1"1/4	35	L	M45x2	58804453520
1"1/2	42	L	M52x2	58804524224
3/8"	12	S	M20x1.5	58804201206
1/2"	16	S	M24x1.5	58804241608
5/8"	20	S	M30x2	58804302010
3/4"	20	S	M30x2	58804302012
3/4"	25	S	M36x2	58804362512
1"	30	S	M42x2	58804423016
1"1/4	38	S	M45x2	58804523820

## Hembras giratorias 90° una sola pieza Métricas cono 24° - D

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

Coûde 90° femelle pré-sertie Métrique cône 24°

Femmina 90° compatta metrica sede 24°+O'ring



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
3/8"	10	L	M16x1.5	58305161006
3/8"	12	L	M18x1.5	58305181206
1/2"	15	L	M22x1.5	58305221508
5/8"	18	L	M26x1.5	58305261810
3/4"	22	L	M30x2	58305302212
1"	28	L	M36x2	58305362816
1"1/4	35	L	M45x2	58305453520
1"1/2	42	L	M52x2	58305524224
3/8"	15	S	M20x1.5	58305201206
1/2"	16	S	M24x1.5	58305241608
5/8"	20	S	M30x2	58305302010
3/4"	20	S	M30x2	58305302012
3/4"	25	S	M36x2	58305362512
1"	30	S	M42x2	58305423016
1"1/4	38	S	M45x2	58305523820

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

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

Coûde 45° femelle pré-sertie Métrique cône 24°

Femmina 45° compatta metrica sede 24°+O'ring



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
3/8"	10	L	M16x1.5	58306161006
3/8"	12	L	M18x1.5	58306181206
1/2"	15	L	M22x1.5	58306221508
5/8"	18	L	M26x1.5	58306261810
3/4"	22	L	M30x2	58306302212
1"	28	L	M36x2	58306362816
1"1/4	35	L	M45x2	58306453520
1"1/2	42	L	M52x2	58306524224
3/8"	12	S	M20x1.5	58306201206
1/2"	16	S	M24x1.5	58306241608
5/8"	20	S	M30x2	58306302010
3/4"	20	S	M30x2	58306302012
3/4"	25	S	M36x2	58306362512
1"	30	S	M42x2	58306423016
1"1/4	38	S	M45x2	58306523820

## Machos una sola pieza rosca Métrica cono 24°

One piece Metric male cone 24°

Mâle pré-serti Métrique cône 24°

Maschio compatto Metrico sede 24°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
3/8"	10	L	M16x1.5	58203161006
3/8"	12	L	M18x1.5	58203181206
3/8"	15	L	M22x1.5	58203221506
1/2"	15	L	M22x1.5	58203221508
1/2"	18	L	M26x1.5	58203261808
5/8"	18	L	M26x1.5	58203261810
3/4"	22	L	M30x2	58203302212
1"	28	L	M36x2	58203362816
1"1/4	35	L	M45x2	58203453520
1"1/2	42	L	M52x2	58203524224
3/8"	12	S	M20x1.5	58203201206
1/2"	16	S	M24x1.5	58203241608
5/8"	20	S	M30x2	58203302010
3/4"	20	S	M30x2	58203302012
3/4"	25	S	M36x2	58203362512
1"	30	S	M42x2	58203423016
1"1/4	38	S	M45x2	58203523820

HOSES

FLEXIBLE HOSE FITTINGS

FLOW MEASURING

EQUIPMENT FOR FLEXIBLE HOSES

## Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar

One piece fittings BWS SERIES 3SP/4SP/R12/4SH NO SKIVE

Embouts pré-sertis BWS 3SP/4SP/R12/4SH Sans dénuder

Raccordi compatti serie BWS R12/4SP/4SH Serie BW senza spellatura

 **R13 & R15 - Ø 3/4" - 1"**

**TrAle®**

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

One piece BSP female 60° cone +o'ring

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

Femmina diritta compatta BSP sede 60°+o'ring



DN	ROSCA THREAD	Referencia Part n°
3/4"	3/4" BSP	581101212
1"	1" BSP	581101616
1"1/4	1"1/4 BSP	581102020
1"1/2	1"1/2 BSP	581102424
2"	2" BSP	581103232

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

One piece double hexagonal BSP female 60° cone

Femelle pré-sertie BSP cône 60° double hexagonal

Femmina diritta compatta BSP sede 60° doppio esagono



DN	ROSCA THREAD	Referencia Part n°
3/8"	3/8" BSP	584000606
1/2"	1/2" BSP	584000808
3/4"	3/4" BSP	584001212
1"	1" BSP	584001616
1"1/4	1"1/4 BSP	584002020
1"1/2	1"1/2 BSP	584002424
2"	2" BSP	584003232

### Hembras giratorias 90° una sola pieza rosca BSP cono 60° con ca

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

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

Femmina 90° compatta BSP sede 60° +o'ring



DN	ROSCA THREAD	Referencia Part n°
3/8"	3/8" BSP	581170606
1/2"	1/2" BSP	581170808
5/8"	5/8" BSP	581171010
3/4"	3/4" BSP	581171212
1"	1" BSP	581171616
1"1/4	1"1/4 BSP	581172020
1"1/2	1"1/2 BSP	581172424
2"	2" BSP	581173232

### Hembras giratorias rectas una sola pieza rosca BSP asie

One piece BSP female flat seat

Femelle pré-sertie BSP fond plat

Femmina diritta compatta BSP sede piana



DN	ROSCA THREAD	Referencia Part n°
3/8"	3/8" BSP	582000606
1/2"	1/2" BSP	582000808
3/4"	3/4" BSP	582001212
1"	1" BSP	582001616
1"1/4	1"1/4 BSP	582002020
1"1/2	1"1/2 BSP	582002424

### Hembras giratorias 45° una sola pieza rosca BSP cono 60° con ca

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

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

Femmina 45° compatta BSP sede 60° +o'ring



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"1/4 BSP	581182020
1"1/2	1"1/2 BSP	581182424
2"	2" BSP	581183232

### Machos una sola pieza rosca cilíndrica BSP cono 60°

One piece BSP male 60° cone

Mâle pré-serti BSP cône 60°

Maschio compatto cilindrico BSP sede 60°



DN	ROSCA THREAD	Referencia Part n°
3/8"	3/8" BSP	581120606
1/2"	1/2" BSP	581120808
3/4"	3/4" BSP	581121212
1"	1" BSP	581121616
1"1/4	1"1/4 BSP	581122020
1"1/2	1"1/2 BSP	581122424
2"	2" BSP	581123232

# BWS



NO PELAR  
NO SKIVE



MAYOR VERSATILIDAD. 1 CASQUILLO - 4 MANGUERAS  
GREATER VERSATILITY. 1 FERRULE - 4 HOSES



REDUCCIÓN DE STOCK. USO DE ESPIGA STD  
STOCK OPTIMISATION. STD SERIES



MEJOR TIEMPO DE MONTAJE. NO PELAR  
REDUCES ASSEMBLY TIME. NO SKIVE



AHORRO ECONÓMICO.  
ECONOMIC EFFICIENCY



# BW+



NO PELAR  
NO SKIVE



ALTA PRESIÓN  
HIGH PRESSURE

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

R13 - R15



REDUCCIÓN DE STOCK. USO DE ESPIGA BW  
STOCK OPTIMISATION. BW SERIES



MEJOR TIEMPO DE MONTAJE. NO PELAR  
REDUCES ASSEMBLY TIME. NO SKIVE



## Conexiones una pieza Serie BW+ R13/R15 No Pelar

One piece fittings BW+ Series R13/R15 No Skive  
Emboutis R13/R15 Série BW+ Sans denuder  
Raccordi R13/R15 Serie BW+ senza spellatura



### R13 & R15 - Ø 3/4" - 1" BWS

#### Machos una sola pieza rosca JIC 37° C/I

One piece JIC 37° male with o'ring

Mâle pré-serti JIC 37° avec joint torique

Maschio compatto JIC 37° con o'ring



DN	ROSCA THREAD	Referencia Part n°
1" 1/4	1"5/8 12 UNF	691402620
1" 1/2	1"7/8 12 UNF	691403024
2"	2"1/2 12 UNF	691404032

#### Hembras giratorias rectas una sola pieza ORFS doble hexagonal

One piece ORFS Swivel female straight double hexagonal

Femelle pré-sertie droite ORFS double hexagonale

Femmina diritta compatta ORFS doppio esagono



DN	ROSCA THREAD	Referencia Part n°
1" 1/4	1" 11/16 12 UNF	699012020
1" 1/2	2" 12 UNF	699012424

#### Hembras giratorias rectas una sola pieza JIC 37° doble hexagonal tca engargola

One piece double hexagonal JIC 37° Swivel female wire nut

Femelle pré-sertie JIC 37° double hexagonal

Femmina diritta compatta JIC 37° doppio esagono dado spinato



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"5/8 12 UN	695422620
1"1/2	1"7/8 12 UN	695423024
2"	2"1/2 12 UN	695424032

#### Hembras giratorias 90° una sola pieza ORFS

One piece ORFS Swivel female (90° Elbow)

Coude 90° femelle pré-sertie ORFS

Femmina 90° compatta ORFS



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1" 11/16 12 UNF	699072020
1"1/2	2" 12 UNF	699072424

#### Hembras giratorias 90° una sola pieza rosca JIC 37° con tuerca engar

One piece JIC 37° Swivel female (90° Elbow) wire nut

Coude 90° femelle pré-sertie JIC 37°

Femmina gir. compatta90° JIC 37° dado spinato



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"5/8 12 UN	695382620
1"1/2	1"7/8 12 UN	695383024
2"	2"1/2 12 UN	695384032

#### Hembras giratorias 45° una sola pieza ORFS

One piece ORFS Swivel female (45° Elbow)

Coude 45° femelle pré-sertie ORFS

Femmina 45° compatta ORFS



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"11/16 12 UNF	699082020
1"1/2	2" 12 UNF	699082424

#### Hembras giratorias 45° una sola pieza rosca JIC 37° con tuerca engarg

One piece JIC 37° Swivel female (45° Elbow) wire nut

Coude 45° femelle pré-sertie JIC 37°

Femmina gir. compatta45° JIC 37° dado spinato



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"5/8 12 UN	695392620
1"1/2	1"7/8 12 UN	695393024
2"	2"1/2 12 UN	695394032



## Conexiones una pieza Serie BW+ R13/R15 No Pelar

One piece fittings BW+ Series R13/R15 No Skive

Embouts R13/R15 Série BW+ Sans denuder

Raccordi R13/R15 Serie BW+ senza spellatura

**👁️ R13 & R15 - Ø 3/4" - 1" BWS**

### Bridas recta SAE 6000 PSI

One piece 6000 PSI SAE Straight Flange / Code 62

Bride SAE droite pré-sertie série 6000 PSI

Flangia diritta compatta SAE 6000



DN	Ø	Referencia Part n°
1"1/4	1"1/4	692822020
1"1/2	1"1/2	692822424
2"	2"	692823232

### Bridas a 90° SAE 6000 PSI

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

Bride SAE coude 90° pré-sertie série 6000 PSI

Flangia 90° compatta SAE 6000



DN	Ø	Referencia Part n°
1"1/4	1"1/4	692832020
1"1/2	1"1/2	692832424
2"	2"	692833232

### Bridas a 45° SAE 6000 PSI

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

Bride SAE coude 45° pré-sertie série 6000 PSI

Flangia 45° compatta SAE 6000



DN	Ø	Referencia Part n°
1"1/4	1"1/4	692842020
1"1/2	1"1/2	692842424
2"	2"	692843232

### Machos cilíndricos una sola pieza BSP 60°

One piece BSP Male 60° cone

Mâle pré-serti gaz cylindrique BSP 60°

Maschio compatto BSP cilindrico sede 60°



DN	ROSCA THREAD	Referencia Part n°	€
1"1/4	1"1/4 BSP	691122020	
1"1/2	1"1/2 BSP	691122424	
2"	2" BSP	691123232	

### Hembras giratorias una sola pieza BSP 60° con junta

One piece BSP Swivel female cone 60° with o'ring

Femelle BSP pré-sertie cône 60° with o'ring

Femmina diritta compatta BSP sede 60° con guarnizione



DN	ROSCA THREAD	Referencia Part n°	€
1"1/4	1"1/4	691102020	*
1"1/2	1"1/2	691102424	*

### Hembras giratorias 90° una sola pieza BSP 60° C/J

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

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

Femmina 90° compatta BSP sede 60° con o'ring



DN	ROSCA THREAD	Referencia Part n°	€
1"1/4	1"1/4 BSP	691172020	*

### Hembras giratorias 45° una sola pieza BSP 60° C/J

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

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

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



DN	ROSCA THREAD	Referencia Part n°	€
1"1/4	1"1/4 BSP	691182020	*

HOSES

FLEXIBLE HOSE FITTINGS

FLOW MEASURING

EQUIPMENT FOR FLEXIBLE HOSES

## Conexiones Serie Reusables

Reusable series fittings  
Embouts Récuperables  
Raccordi serie Recuperabile



### Casquillos R1AT

Ferrules R1AT/1SN

Jupes à visser R1AT/1SN

Boccola recuperabile R1AT/1SN



DN	Referencia Part n°
1/4"	A1G-4 R1T
3/8"	A1G-6 R1T
1/2"	A1G-8 R1T
3/4"	A1G-12 R1T
1"	A1G-16 R1T

### Casquillos R2AT

Ferrules R2AT/2SN

Jupes à visser R2AT/2SN

Boccola recuperabile R2AT/2SN



DN	Referencia Part n°
1/4"	A1G-4 R2T
3/8"	A1G-6 R2T
1/2"	A1G-8 R2T
5/8"	A1G-10 R2T
3/4"	A1G-12 R2T
1"	A1G-16 R2T

### Hembras giratorias rectas BSP cono 60°

BSP Swivel female 60° cone

Femelle tournante gaz cyl BSP 60°

Femmina diritta recuperabile BSP sede 60°



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	A3G-4
5/16"	3/8" BSP	A3G-6-5*
3/8"	3/8" BSP	A3G-6
1/2"	1/2" BSP	A3G-8
3/4"	3/4" BSP	A3G-12
1"	1" BSP	A3G-16

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

### Hembras giratorias 90° BSP cono 60°

BSP Swept 90° elbow 60° cone

Femelle tournante coude 90° gaz cyl BSP 60°

Femmina a 90° recuperabile BSP sede 60°



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	A90G-4
3/8"	3/8" BSP	A90G-6
1/2"	1/2" BSP	A90G-8
1/2"	3/4" BSP	A90G-12-8
3/4"	3/4" BSP	A90G-12*
1"	1" BSP	A90G-16

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

### Machos rosca cilíndrica BSP cono 60°

BSP Male parallel 60° cone

Mâle gaz cyl BSP 60°

Maschio cilindrico recuperabile BSP sede 60°



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	A2G-4
3/8"	3/8" BSP	A2G-6
1/2"	1/2" BSP	A2G-8
3/4"	3/4" BSP	A2G-12
1"	1" BSP	A2G-16

### Espigas lisas Métricas

Metric Standpipe

Embout lisse Métrique

Estremità tubolare Metrica recuperabile



DN	TUBO PIPE	Referencia Part n°
1/4"	6	AE 6-4
1/4"	8	AE 8-4
1/4"	10	AE 10-4
3/8"	10	AE 10-6
3/8"	12	AE 12-6
1/2"	15	AE 15-8
3/4"	22	AE 22-12*

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

### Hembras giratorias rectas reusables rosca JIC cono 37°

Reusable JIC 37° straight swivel female

Femelle droite récupérable JIC 37°

Femmina diritta recuperabile JIC 37°



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



## Conexiones PUSH ON

PUSH ON series fittings

Embouts PUSH ON

Raccordi serie PUSH ON

### Hembras giratorias rectas rosca BSP cono 60°

BSP Swivel female 60° cone

Femelle tournante gaz cyl BSP 60°

Femmina diritta BSP sede 60° Push-On



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	391000404
3/8"	3/8" BSP	391000606
1/2"	1/2" BSP	391000808
5/8"	5/8" BSP	391001010
3/4"	3/4" BSP	391001212
1"	1" BSP	391001616

### Machos BSP 60°

BSP Male 60° cone

Mâle BSP cône 60°

Maschio BSP 60° Push-On



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	391120404
3/8"	3/8" BSP	391120606
1/2"	1/2" BSP	391120808
5/8"	5/8" BSP	391121010
3/4"	3/4" BSP	391121212
1"	1" BSP	391121616

### Hembras giratorias rectas JIC 37°

JIC Swivel female 37° cone

Femelle tournante droite JIC cône 37°

Femmina diritta JIC 37° Push-On



DN	ROSCA THREAD	Referencia Part n°
1/4"	7/16" 20 UNF	391420704
3/8"	9/16" 18 UNF	391420906
1/2"	3/4" 16 UNF	391421208
5/8"	7/8" 14 UNF	391421410
3/4"	1"1/16 12 UN	391421712
1"	1"5/16 12 UN	391422116

### Machos JIC 37°

JIC 37° Male

Mâle JIC 37°

Maschio JIC 37° Push-On



DN	ROSCA THREAD	Referencia Part n°
1/4"	7/16" 20 UNF	391400704
3/8"	9/16" 18 UNF	391400906
1/2"	3/4" 16 UNF	391401208
5/8"	7/8" 14 UNF	391401410
3/4"	1"1/16 12 UN	391401712
1"	1"5/16 12 UN	391402116

### Machos rosca NPT

NPT Male

Mâle fixe NPT

Maschio conico NPT Push-On



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" NPT	391610404
3/8"	3/8" NPT	391610606
1/2"	1/2" NPT	391610808
3/4"	3/4" NPT	391611212

### Hembras giratorias rectas 24°

Metric Swivel female 24° cone

Femelle tournante droite 24°

Femmina diritta 24°+O'ring Push-On



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1/4"	8	L	M14X1,5	39804140804
3/8"	12	L	M18X1,5	39804181206
1/2"	15	L	M22X1,5	39804221508
3/4"	22	L	M30X2	39804302212

### Machos rosca métrica 24°

24° Cone Male

Mâle fixe 24°

Maschio sede 24° Push-On



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1/4"	8	L	M14X1,5	39203140804
3/8"	12	L	M18X1,5	39203181206
1/2"	22	L	M22X1,5	39203221508
3/4"	30	L	M30X2	39203302212

HOSES

## Conexiones Alta presión (700 Bar)

High pressure 700 Bar fittings  
 Embouts haute pression 700 Bar  
 Raccordi altissima pressione (700 Bar)



FLEXIBLE HOSE FITTINGS

### Manguera termoplástica 700 bar

Thermoplastic hose 700 bar

Tuyau thermoplastique haute pression 700 bar

Tubo termoplastico 700 bar



DN	Referencia Part n°
1/4"	<b>MT70004</b>
3/8"	<b>MT70006</b>

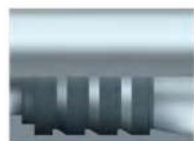
FLOW MEASURING

### Casquillos manguera 700 bar tipo MT700

Ferrules for thermoplastic hose 700 bar MT700 type

Jupes à sertir thermoplastique 700 bar type MT700

Boccole per tubo termoplastico 700 bar tipo MT700



DN	Referencia Part n°
1/4"	<b>710120400</b>
3/8"	<b>710120600</b>

EQUIPMENT FOR FLEXIBLE HOSES

### Hembra giratoria recta BSP 60°

BSP Swivel female 60° cone

Embout thermoplastique 700 bar femelle tournante gaz cyl BSP 60°

Femmina diritta BSP 60° termoplastico 700 bar



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	<b>741000404</b>
3/8"	3/8" BSP	<b>741000606</b>

### Macho BSP 60°

BSP Male parallel 60° cone

Embout thermoplastique 700 bar mâle fixe gaz cyl BSP 60°

Maschio cilindrico BSP 60° termoplastico 700 bar



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	<b>741120404</b>
3/8"	3/8" BSP	<b>741120606</b>

### Macho NPT

NPT Male thread

Embout thermoplastique 700 bar mâle fixe gaz conique NPT

Maschio NPT termoplastico 700 bar



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>

**Conexiones Serie Micro-hose 110**

Micro-hose fittings  
Embouts manomètres  
Raccordi per micro-tubi

**Racores de control 112**

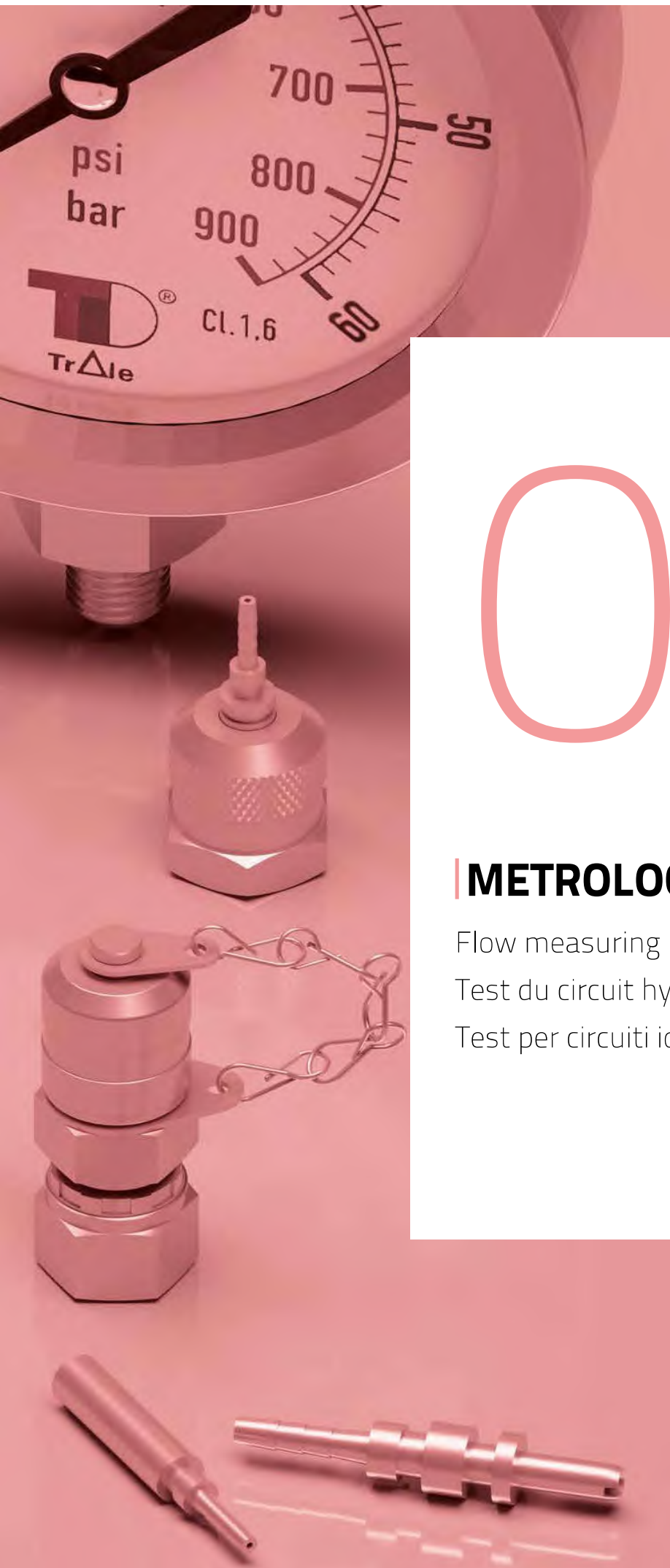
Test couplings  
Prises de pression  
Prese di pressione

**Instrumentos de medición 116**

Pressure and vacuum gauges  
Manomètres et vacuomètres  
Manometri e vacuometri

**Medidores de caudal 121**

Flow tester  
Débitmètres  
Indicatori di flusso



# 03

## **METROLOGÍA**

Flow measuring

Test du circuit hydraulique

Test per circuiti idraulici

## Conexiones Serie Micro-hose

Micro-hose fittings  
 Embouts manomètres  
 Raccordi per micro-tubi

Mangueras para tomas de manómetro ▪ Hoses for check couplings for manometers ▪ Tuyaux capillaires minimes ▪ Tubi per prese di pressione

110



MT010

Conexiones ▪ Crimp fittings ▪ Embouts à sertir minimes ▪ Raccordi a pressare

110



55501



55506



55516



55504



55505



55515



5550795



55503



55507



55517



55509



55508



55513



55502



54000

## Racores de control

Test couplings  
Prises de pression  
Prese di pressione

Tomas de presión 16x1.5 ▪ Check couplings for manometers 16x1.5 ▪ Prises de pression 16x1.5 ▪ Prese di pressione 16x1.5 | 112



MPL M

MPL

Tomas de presión 16x2 ▪ Check couplings for manometers 16x2 ▪ Prises de pression 16x2 ▪ Prese di pressione 16x2 | 112



MPR C/J

MPR G

MPR BSPT

MPR NPT

MPR M

MPR M CJ

MPR A

MPR TUB

MPR UNF

MPR TLM CM

MPR M CM

MPR CJ CM

MPR G CM

MPR DL CM

27C/28C

Tomas de presión manómetros ▪ Accessoires and adaptors ▪ Accessoires et adapteurs minimes ▪ Accessori e adattatori | 114



MPR PT BSP

MPD BSP

MPD 90 BSP

MPU

MPR PT

Válvulas para manómetros ▪ Valves for manometers ▪ Valves pour manètres ▪ Valvole per manometri | 115



FT290

FT291

FT299

## Instrumentos de medición

Pressure and vacuum gauges  
Manomètres et vacuomètres  
Manometri e vacuometri

### Manómetros ▪ Pressure gauges ▪ Manomètres ▪ Manometri

| 116



### Vacuómetros ▪ Vacuum gauges ▪ Vacuomètres ▪ Vacuometri

| 118



### Termomanómetros ▪ Temperature- pressure gauge ▪ Thermo-manomètre ▪ Termomanometri

| 118



### Manovacuómetros ▪ Manovacuumeter ▪ Manovacuumètre ▪ Manovacuumetri

| 118



### Manómetros Calibrados ▪ Calibrated Manometers ▪ Manomètres calibrés ▪ Manometri calibrati

| 119



### Maletines de control de presión ▪ Check cases ▪ Équipes de mesure ▪ Valigetta per rilevamento di pressione

| 120



## Medidores de caudal

Flow tester  
Débitmètres  
Indicatori di flusso

Caudalímetros 250 bar ▪ Flow tester 250 bar ▪ Débitmètres 250 bar ▪ Flussostati 250 bar

| 121



WPB3A6H



WPB5A6H



WPB6A6H

Caudalímetros 300-420 bar ▪ Flow tester 300-420 bar ▪ Débitmètres 300-420 bar ▪ Flussostati 300-420 bar

| 121



FT5758



FT6068



FT5594



## Conexiones Serie Micro-hose

Micro-hose fittings  
Embouts manomètres  
Raccordi per micro-tubi



### Mangueras Minimes

Micro-Hose

Tuyaux Minimes

Micro-tubo per presa di pressione



Ø INT. Ø INNER	Referencia Part n°	€
2	MT01002	

### Casquillo manguera Minimes

Micro-hose ferrules

Jupe pour tuyau Minimes

Boccola per Micro-tubo



DN	Ø INT. Ø INNER	Ø EXT. Ø OUTER	Referencia Part n°	€
2	5,5	8	555010100	

### Hembra giratoria de control

Check Metric swivel female Micro-hose

Embout femelle tournante de control Métrique Minimes

Presa di pressione femmina



DN	ROSCA THREAD	Referencia Part n°
2	M16X1.5	555069521
2	M16X2	555069523

### Codo 90° hembra giratoria de control

90° Swivel female check coupling

Coude 90° prise de pression femelle tournante

Presa di pressione femmina 90° girevole



DN	ROSCA THREAD	Referencia Part n°	€
2	M16X2	555169523	

### Hembra giratoria recta BSP

Straight swivel female BSP 60° cone Micro-hose

Embout femelle tournante gaz cyl BSP 60° Minimes

Femmina girevole BSP 60° per microtubo



DN	ROSCA THREAD	Referencia Part n°	€
2	1/8" BSP	555040202	
2	1/4" BSP	555040404	
2	3/8" BSP	555040606	

### Hembra asiento plano con junta manómetro

Swivel female flat seat with o'ring for manometer Micro-hose

Embout femelle tournante fond plat + o'ring pour manomètre Minimes

Femmina sede piana con o'ring per manometro



DN	ROSCA THREAD	Referencia Part n°
2	1/4" BSP	555050404
2	1/2" BSP	555050808

### Codo 90° hembra asiento plano con junta manómetro

90° Swivel female flat seat with o'ring for manometer

Coude 90° prise de pression femelle fond plat avec o'ring

Presa di pressione femmina 90° sede piana con o'ring per manometro



DN	ROSCA THREAD	Referencia Part n°
2	1/4" BSP	555150404

### Hembra giratoria Métrica con junta

Metric swivel female with o'ring

Embout femelle tournante Métrique 24° pour raccord de control + o'ring minimes

Femmina metrica 24°+O'ring per microtubo



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

### Macho de control

Straight Micro-hose check male

Embout mâle manomètre

Presa di pressione maschio



DN	Referencia Part n°	€
2	555030325	

### Espiga lisa Métrica

Metric standpipe Micro-hose

Embout lisse Métrique Minimes

Estremità tubolare metrica per microtubo



DN	TUBO PIPE	Referencia Part n°	€
2	6	555070600	
2	8	555070800	



## Conexiones Serie Micro-hose

Micro-hose fittings  
Embouts manomètres  
Raccordi per micro-tubi

### Espiga a 90° lisa Métrica

90° Metric standpipe Micro-hose

Embout lisse coude 90° Métrique Minimess

Estremità tubolare metrica 90° per microtubo



DN	TUBO PIPE	Referencia Part n°
2	6	555170600

### Hembra giratoria recta JIC 37°

Straight swivel female JIC 37° Micro-hose

Embout femelle tournante JIC 37° Minimess

Femmina diritta JIC 37° per microtubo



DN	ROSCA THREAD	Referencia Part n°
2	7/16" 20h UNF	555090700
2	1/2" 20h UNF	555090800
2	9/16" 18h UNF	555090900

### Orientable Métrico

Metric Banjo Micro-hose

Embout Banjo Métrique Minimess

Raccordo ad occhio metrico per microtubo



DN	∅	Referencia Part n°
2	10	555081000

### Macho NPT

Male NPT

Mâle NPT

Maschio NPT per microtubo



DN	ROSCA THREAD	Referencia Part n°
2	1/8" NPT	555130200

### Macho BSP

BSP Male

Mâle BSP

Maschio BSP 60° per microtubo



DN	ROSCA THREAD	Referencia Part n°
2	1/8" BSP	555020202
2	1/4" BSP	555020404

### Protector de polvo

Dust protector

Protecteur de poussière

Protezione per polvere



MATERIAL	Referencia Part n°
PLASTIC	54000000P

HOSES

FLEXIBLE HOSE  
FITTINGS

FLOW  
MEASURING

EQUIPMENT FOR  
FLEXIBLE HOSES

## Racores de control

Test couplings  
Prises de pression  
Prese di pressione

### Racor de control rosca Métrica DIN 3852 (tapón metálico)

Check coupling male metric thread (metallic cap)

Prise de pression métrique (capouchon métallique)

Presas di pressione Metrica DIN 3852 (tappo metallico)



ROSCA THREAD	DESCRIPCION DESCRIPTION	Referencia Part n°
M10X1	16x1.5	<b>MPL M 10X1 CM</b>

Otras figuras, consultar / For other designs, please consult us / Pour d'autres figures, consultez-nous vi preghiamo di consultarci *gure,*

### Racor de control rosca BSP (tapón metálico)

Check coupling BSP (metallic cap)

Prise de pression BSP (capouchon métallique)

Presas di pressione BSP (tappo metallico)



ROSCA THREAD	DESCRIPCION 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 / For other designs, please consult us / Pour d'autres figures, consultez-nous vi preghiamo di consultarci *gure,*

### Racor de control rosca BSP con junta (tapón plástico)

Check coupling male thread BSP with captive seal (plastic cap)

Prise de pression avec joint (capuchon plastique)

Presas di pressione BSP con guarnizione (tappo plastica)



ROSCA THREAD	DESCRIPCION 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 BSP (tapón plástico)

Check coupling male thread BSP (plastic cap)

Prise de pression (capuchon plastique)

Presas di pressione BSP (tappo plastica)



ROSCA THREAD	DESCRIPCION 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 cónica BSPT (tapón plástico)

Check coupling male BSP tapered (plastic cap)

Prise de pression BSPT (capuchon plastique)

Presas di pressione conica BSPT (tappo plastica)



ROSCA THREAD	DESCRIPCION 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 NPT (tapón plástico)

Check coupling male thread NPT (plastic cap)

Prise de pression NPTF (capuchon plastique)

Presas di pressione NPT (tappo plastica)



ROSCA THREAD	DESCRIPCION 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 Métrica DIN 3852 (tapón plástico)

Check coupling male metric thread (plastic cap)

Prise de pression métrique DIN 3852 (capuchon plastique)

Presas di pressione Metrica DIN 3852 (tappo plastica)



ROSCA THREAD	DESCRIPCION DESCRIPTION	Referencia Part n°
M10X1	16x2	<b>MPR M10X1</b>
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 macho Métrico con junta (Tapón plástico)

Check coupling male metric thread + o-ring (plastic cap)

Prise de pression métrique avec o-ring (capuchon plastique)

Presas di pressione metrica con guarnizione (tappo plastica)



ROSCA THREAD	DESCRIPCION DESCRIPTION	Referencia Part n°
M10x1	M16X2	<b>MPR M10X1 C/J</b>
M12x1.5	M16X2	<b>MPR M12X1.5 C/J</b>
M14x1.5	M16X2	<b>MPR M14X1.5 C/J</b>
M16x1.5	M16X2	<b>MPR M16X1.5 C/J</b>

## Racores de control

Test couplings  
Prises de pression  
Prese di pressione

### Racor de control rosca Métrica (tapón plástico)

Check coupling male metric thread (plastic cap)

Prise de pression métrique (capuchon plastique)

Presà di pressione Metrica (tappo plastica)



ROSCA THREAD	DESCRIPCION DESCRIPTION	Referencia Part n°
M8X1	16x2	MPR A 8X1
M10X1	16x2	MPR A 10X1
M10X1.25	16x2	MPR A 10X1.25

### Racor de control tubular Métrico (tapón plástico)

Check coupling male metric tubular (plastic cap)

Prise de pression avec embout lisse (capuchon plastique)

Presà di pressione con tubolare Metrico (tappo plastica)



TUBO PIPE	DESCRIPCION DESCRIPTION	Referencia Part n°
6	16x2	MPR TUB.6
8	16x2	MPR TUB.8
10	16x2	MPR TUB.10
12	16x2	MPR TUB.12
15	16x2	MPR TUB.15

### Racor de control rosca SAE - UNF (tapón plástico)

Check coupling male thread UNF (plastic cap)

Prise de pression filetage SAE/UNF (capuchon plastique)

Presà di controllo SAE - UNF (tappo plastica)



ROSCA THREAD	DESCRIPCION DESCRIPTION	Referencia Part n°
7/16" 20h UNF	16x2	MPR 7/16 UNF
1/2" 20h UNF	16x2	MPR 1/2 UNF
9/16" 18h UNF	16x2	MPR 9/16 UNF

### Racor de control hembra giratoria Métrica c/j (tapón metálic)

Check coupling Metric swivel female + o-ring (metallic cap)

Prise de pression femelle tournante Métrique + o-ring (capuchon métallique)

Presà di pressione femmina girevole Metrica con o-ring (tappo metallico)



TUBO PIPE	ROSCA THREAD	DESCRIPCION DESCRIPTION	Referencia Part n°
6L	M12X1.5	16x2	MPR TLM 6L CM
8L	M14X1.5	16x2	MPR TLM 8L CM
10L	M16X1.5	16x2	MPR TLM 10L CM
12L	M18X1.5	16x2	MPR TLM 12L CM
15L	M22X1.5	16x2	MPR TLM 15L CM

Otras medidas, consultar / For other dimensions, please consult us / Pour d'autres dimensions, consultez-nous / Altre dimensioni, vi preghiamo di consultarci

### Racor de control macho Métrico con junta (tapón metálico)

Check coupling metric male + o-ring (metallic cap)

Prise de pression mâle + o-ring (capuchon métallique)

Presà di pressione maschio Metrico con o-ring (tappo metallico)



ROSCA THREAD	DESCRIPCION DESCRIPTION	Referencia Part n°
M10X1	16x2	MPR M 10X1 CM
M12X1.5	16x2	MPR M 12X1.5 CM

### Racor de control rosca BSP con junta tórica (tapón metálic)

Check coupling BSP with o-ring (metallic cap)

Prise de pression BSP avec o-ring (capuchon métallique)

Presà di pressione BSP con o-ring (tappo metallico)



ROSCA THREAD	DESCRIPCION DESCRIPTION	Referencia Part n°
1/8" BSP	16x2	MPR 1/8 C/J CM
1/4" BSP	16x2	MPR 1/4 C/J CM

### Racor de control rosca BSP (tapón metálico)

Check coupling BSP (metallic cap)

Prise de pression BSP (capuchon métallique)

Presà di pressione BSP (tappo metallico)



ROSCA THREAD	DESCRIPCION DESCRIPTION	Referencia Part n°
1/8" BSP	16x2	MPR 1/8 G CM
1/4" BSP	16x2	MPR 1/4 G CM

### Racor de control intermedio (tapón metálico)

Half-way check coupling (metallic cap)

Prise de pression intermédiaire (capuchon métallique)

Presà di pressione intermedio (tappo metallico)



TUBO PIPE	DESCRIPCION DESCRIPTION	Referencia Part n°
6L	16x2	MPR DL 6 CM
8L	16x2	MPR DL 8 CM
10L	16x2	MPR DL 10 CM
12L	16x2	MPR DL 12 CM
15L	16x2	MPR DL 15 CM

### Capuchón protector toma de presión

Protective cap - check coupling for manometer

Capuchon Minimes

Cappuccio di protezione per presa di pressione



MATERIAL	Referencia Part n°
CARBON STEEL	27CA000C01
PLASTIC	28CP0000

HOSES

FLEXIBLE HOSE FITTINGS

FLOW MEASURING

EQUIPMENT FOR FLEXIBLE HOSES

## Racores de control

Test couplings  
Prises de pression  
Prese di pressione

### Conex. manómetro-pasatabiques BSP

Check coupling BSP bulkhead for pressure gauge

Prise de pression passe cloison sans capouchon

Raccordo Manometro - passaparete maschio BSP



ROSCA THREAD	DESCRIPCION DESCRIPTION	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 - toma de control

Check coupling for pressure gauge

Raccord de contrôle direct à manomètre sans capouchon

Raccordo manometro - presa di pressione



ROSCA THREAD	DESCRIPCION DESCRIPTION	Referencia Part n°
1/4" BSP	M16X2	<b>MPD 1/4 BSP</b>
1/2" BSP	M16X2	<b>MPD 1/2 BSP</b>

### Conex. manómetro-hembra 90° BSP

Check coupling 90° BSP swivel female for manometer

Raccord de contrôle 90° orientable sans capouchon direct à manomètre

Raccordo manometro - femmina a 90° BSP



ROSCA THREAD	DESCRIPCION DESCRIPTION	Referencia Part n°
1/4" BSP	M16X2	<b>MPD 90 1/4 BSP</b>
1/2" BSP	M16X2	<b>MPD 90 1/2 BSP</b>

### Conex. manómetro M-M

Male-Male check coupling for manometer

Prise de pression manomètre Mâle-Mâle

Adattatore M-M presa di pressione per manometro



ROSCA THREAD	ROSCA THREAD	Referencia Part n°
M16X1.5	M16X1.5	<b>MPU 16X1.5</b>
M16X2	M16X1.5	<b>MPU 16X2</b>
M16X2	M16X2 <b>NEW</b>	<b>MPU 16x2-16x2</b>

### Conex. Métrica para manómetros

Metric check coupling for manometer

Prise de contrôle métrique pour manomètre

Presa di pressione metrica per manometro



TUBO PIPE	ROSCA THREAD	Referencia Part n°
85	M16X1.5	<b>MPR PT 16X1.5</b>
105	M18X1.5	<b>MPR PT 18X1.5</b>

## Racores de control

Test couplings  
Prises de pression  
Prese di pressione

### Protector de manómetro en línea MF-TL recto

Pressure Gauge Protector (in-line) FM-SF straight

Isolateur de manomètre (en ligne) MF-FT droit

Esclusore per manometro in linea M-F gir. diritto



ROSCA THREAD	PRESIÓN MAX. (bar) MAX. PRESSURE (bar)	Referencia Part n°	€
1/4" BSP 1/4" BSPT	350	<b>FT29004</b>	*
1/2" BSP 1/2" BSPT	350	<b>FT29008</b>	*

Ver precios en catálogo componentes / See prices in components catalogue / Voir les prix dans le composant catalogue / Vedere prezzi nel catalogo Componenti

### Adaptador para manómetro en línea MF-TL

Pressure Gauge Adaptor (in-line) FM-SF

Adapteur pour Manomètre (en ligne) MF-FT

Adattatore per manometro in linea M-F gir.



ROSCA THREAD	Referencia Part n°	€
1/4" BSP 1/2" BSPT	<b>FT29942</b>	*
1/4" BSP 1/4" BSPT	<b>FT29944</b>	*

Ver precios en catálogo componentes / See prices in components catalogue / Voir les prix dans le composant catalogue / Vedere prezzi nel catalogo Componenti

### Protector de manómetro en línea MF-TL 90º

Pressure Gauge Protector (in-line) FM-SF 90º

Isolateur de manomètre (en ligne) MF-FT 90º

Esclusore per manometro in linea M-F gir. 90º



ROSCA THREAD	PRESIÓN MAX. (bar) MAX. PRESSURE (bar)	Referencia Part n°	€
1/4" BSP 1/4" BSPT	350	<b>FT29104</b>	*

Ver precios en catálogo componentes / See prices in components catalogue / Voir les prix dans le composant catalogue / Vedere prezzi nel catalogo Componenti

## Instrumentos de medición

Pressure and vacuum gauges  
Manomètres et vacuomètres  
Manometri e vacuometri

**TrAle®**

### Manómetro DN 63 vertical con glicerina (1/4" BSP)

Pressure gauge DN 63 vertical connection with glycerin (1/4" BSP)

Manomètre DN 63 sortie verticale avec glycérine (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
1/4" BSP	0-1000	MF163041000V

### Manómetro DN 100 vertical con glicerina (1/2" BSP)

Pressure gauge DN 100 vertical connection with glycerin (1/2" BSP)

Manomètre DN 100 sortie verticale avec glycérine (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 63 dorsal con glicerina (1/4" BSP)

Pressure gauge DN 63 rear connection with glycerin (1/4" BSP)

Manomètre DN 63 sortie arrière avec glycérine (1/4" BSP)

Manometro DN 63 assiale flangiato a bagno di glicerina (1/4" BSP)



ROSCA THREAD	ESCALA (bar) SCALE (bar)	Referencia Part n°
1/4" BSP	0-1	MF16304001-DB
1/4" BSP	0-2,5	MF163042.5-DB
1/4" BSP	0-4	MF16304004-DB
1/4" BSP	0-6	MF16304006-DB
1/4" BSP	0-10	MF16304010-DB
1/4" BSP	0-12	MF16304012-DB
1/4" BSP	0-16	MF16304016-DB
1/4" BSP	0-20	MF16304020-DB
1/4" BSP	0-25	MF16304025-DB
1/4" BSP	0-40	MF16304040-DB
1/4" BSP	0-60	MF16304060-DB
1/4" BSP	0-100	MF16304100-DB
1/4" BSP	0-160	MF16304160-DB
1/4" BSP	0-250	MF16304250-DB
1/4" BSP	0-315	MF16304315-DB
1/4" BSP	0-400	MF16304400-DB
1/4" BSP	0-600	MF16304600-DB

### Manómetro DN 100 dorsal con glicerina (1/2" BSP)

Pressure gauge DN 100 rear connection with glycerin (1/2" BSP)

Manomètre DN 100 sortie arrière avec glycérine (1/2" BSP)

Manometro DN 100 assiale flangiato a bagno di glicerina (1/2" BSP)



ROSCA THREAD	ESCALA (bar) SCALE (bar)	Referencia Part n°
1/2" BSP	0-1	MF110008001-DB
1/2" BSP	0-2,5	MF1100082.5-DB
1/2" BSP	0-4	MF110008004-DB
1/2" BSP	0-6	MF110008006-DB
1/2" BSP	0-10	MF110008010-DB
1/2" BSP	0-16	MF110008016-DB
1/2" BSP	0-25	MF110008025-DB
1/2" BSP	0-40	MF110008040-DB
1/2" BSP	0-60	MF110008060-DB
1/2" BSP	0-100	MF110008100-DB
1/2" BSP	0-160	MF110008160-DB
1/2" BSP	0-250	MF110008250-DB
1/2" BSP	0-315	MF110008315-DB
1/2" BSP	0-400	MF110008400-DB
1/2" BSP	0-600	MF110008600-DB



## Instrumentos de medición

Pressure and vacuum gauges  
Manomètres et vacuomètres  
Manometri e vacuometri

### Manómetro DN 63 dorsal sin brida, con glicerina (1/4" BSP)

Pressure gauge DN 63 rear connection without flange, with glycerin (1/4" BSP)

Manomètre DN 63 sortie arrière sans bride, avec glycérine (1/4" BSP)

Manometro DN 63 assiale, a bagno di glicerina (1/4" BSP)



ROSCA THREAD	ESCALA (bar) SCALE (bar)	Referencia Part n°
1/4" BSP	0-1	MF16304001-DBSB
1/4" BSP	0-2,5	MF163042,5-DBSB
1/4" BSP	0-4	MF16304004-DBSB
1/4" BSP	0-6	MF16304006-DBSB
1/4" BSP	0-10	MF16304010-DBSB
1/4" BSP	0-12	MF16304012-DBSB
1/4" BSP	0-16	MF16304016-DBSB
1/4" BSP	0-20	MF16304020-DBSB
1/4" BSP	0-25	MF16304025-DBSB
1/4" BSP	0-40	MF16304040-DBSB
1/4" BSP	0-60	MF16304060-DBSB
1/4" BSP	0-100	MF16304100-DBSB
1/4" BSP	0-160	MF16304160-DBSB
1/4" BSP	0-250	MF16304250-DBSB
1/4" BSP	0-315	MF16304315-DBSB
1/4" BSP	0-400	MF16304400-DBSB
1/4" BSP	0-600	MF16304600-DBSB

Consultar disponibilidad. Posibilidad de modelo con DN 100 / Check availability. It is also a Disponibilit   a consulter / Possibilit   aussi en DN100 / Richiedere disponibilit   / Possibilit   del mo

### Manómetro DN 63 dorsal s/brida c/abraz, con glicerina (1/4" BSP)

Pressure gauge DN 63 rear connection without flange with clamp, with glycerin (1/4" BSP)

Manomètre DN63 sortie arrière avec glycérine, collier de fixation sans collerette

Manometro DN 63 assiale con collare, con glicerina /1/4" BSP)



ROSCA THREAD	ESCALA (bar) SCALE (bar)	Referencia Part n°
1/4" BSP	0-5	MF16304006-DBCA
1/4" BSP	0-10	MF16304010-DBCA
1/4" BSP	0-16	MF16304016-DBCA
1/4" BSP	0-40	MF16304040-DBCA
1/4" BSP	0-60	MF16304060-DBCA
1/4" BSP	0-100	MF16304100-DBCA
1/4" BSP	0-160	MF16304160-DBCA
1/4" BSP	0-250	MF16304250-DBCA
1/4" BSP	0-400	MF16304400-DBCA

Consultar disponibilidad. Posibilidad de modelo con DN 100 / Check availability. It is also a Disponibilit   a consulter / Possibilit   aussi en DN100 / Richiedere disponibilit   / Possibilit   del mo

### Abrazadera para manómetro DN 63 / DN 100 dorsal

DN 63 / DN100 rear connection pressure gauge clamp

Collier pour manomètre DN 63 / DN100 sortie arrière

Collare per manometro DN 63 / DN100 assiale flangiato



DESCRIPCION DESCRIPTION	Referencia Part n°
CLAMP (63mm)	ABRMF163
CLAMP (100mm)	ABRMF100

Consultar disponibilidad. Posibilidad de modelo con DN 100 / Check availability. It is also a Disponibilit   a consulter / Possibilit   aussi en DN100 / Richiedere disponibilit   / Possibilit   del mo

### Manómetro DN 63 vertical con glicerina (1/4" NPT)

Pressure gauge DN 63 vertical connection with glycerin (1/4" NPT)

Manomètre DN 63 sortie verticale avec glycérine (1/4" NPT)

Manometro DN 63 radiale a bagno di glicerina (1/4" NPT)



ROSCA THREAD	ESCALA (bar) SCALE (bar)	Referencia Part n°	€
1/4" NPT	0-10	MF16304010V NPT	
1/4" NPT	0-16	MF16304016V NPT	
1/4" NPT	0-25	MF16304025V NPT	
1/4" NPT	0-60	MF16304060V NPT	
1/4" NPT	0-160	MF16304160V NPT	
1/4" NPT	0-250	MF16304250V NPT	
1/4" NPT	0-400	MF16304400V NPT	
1/4" NPT	0-700	MF16304700V NPT	

### Manómetro DN 63 dorsal con glicerina (1/4" NPT)

Pressure gauge DN 63 rear connection with glycerin (1/4" NPT)

Manomètre DN 63 sortie arrière avec glycérine (1/4" NPT)

Manometro DN 63 assiale flangiato a bagno di glicerina (1/4" NPT)



ROSCA THREAD	ESCALA (bar) SCALE (bar)	Referencia Part n°
1/4" NPT	0-10	MF16304010-DB NPT
1/4" NPT	0-16	MF16304016-DB NPT
1/4" NPT	0-25	MF16304025-DB NPT
1/4" NPT	0-60	MF16304060-DB NPT
1/4" NPT	0-160	MF16304160-DB NPT
1/4" NPT	0-250	MF16304250-DB NPT
1/4" NPT	0-400	MF16304400-DB NPT

Consultar disponibilidad. Posibilidad de modelo con DN 100 / Check availability. It is also a Disponibilit   a consulter / Possibilit   aussi en DN100 / Richiedere disponibilit   / Possibilit   del m

### Manómetro DN 100 vertical con glicerina (1/2" NPT)

Pressure gauge DN 100 vertical connection with glycerin (1/2" NPT)

Manomètre DN 100 sortie verticale avec glycérine (1/2" NPT)

Manometro DN 100 radiale a bagno di glicerina (1/2" NPT)



ROSCA THREAD	ESCALA (bar) SCALE (bar)	Referencia Part n°
1/2" NPT	0-10	MF10008010V NPT
1/2" NPT	0-25	MF10008025V NPT
1/2" NPT	0-60	MF10008060V NPT
1/2" NPT	0-250	MF10008250V NPT
1/2" NPT	0-400	MF10008400V NPT
1/2" NPT	0-600	MF10008600V NPT

### Manómetro de colores dorsal (1/8" BSPT)

Pressure gauge in colours rear connection (1/8" BSPT)

Manomètre à couleurs sortie arrière avec glycérine (1/8" BSPT)

Manometro a colori assiale flangiato (1/8" BSPT)



ESCALA (bar) SCALE (bar)	Referencia Part n°
0-3	NEW MF1 CO 03
0-6	MF1 CO 06



## Instrumentos de medición

Pressure and vacuum gauges  
Manomètres et vacuomètres  
Manometri e vacuometri



### Manómetro digital DN63 vertical (1/4" BSP)

Pressure gauge DN63 vertical connection with glycerin (1/4" BSP)

Manomètre digital DN 63 sortie verticale (1/4" BSP)

Manometro digitale DN63 (1/4" BSP)



ROSCA THREAD	ESCALA (bar) SCALE (bar)	Referencia Part n°
1/4" BSP	0+600	MANDIG63V

### Manómetro digital DN100 vertical (1/2" BSP)

Digital pressure gauge DN100 vertical connection (1/2" BSP)

Manomètre digital DN 100 sortie verticale (1/2" BSP)

Manometro digitale DN100



ROSCA THREAD	ESCALA (bar) SCALE (bar)	Referencia Part n°
1/2" BSP	0-1000	MANDIG100V

### Vacuómetro DN 63 con glicerina (1/4" BSP)

Vacuum gauge DN 63 with glycerin (1/4" BSP)

Vacuomètre DN 63 avec glicerine (1/4" BSP)

Vacuometro DN 63 a bagno di glicerina (1/4" BSP)



ESCALA (bar) SCALE (bar)	Referencia Part n°
- 1 +0	VAC6304-01I

### Vacuómetro de colores dorsal (1/8" BSP)

Vacuum gauges in colours rear connection (1/8" BSP)

Vacuomètre à couleurs sortie arrière (1/8" BSP)

Vacuometro a colori assiale flangiato (1/8" BSP)



ESCALA (bar) SCALE (bar)	Referencia Part n°
- 1 +0	MFI VA 01

### Termomanómetro DN 63 vertical (1/4" BSP)

Temperature- pressure gauge DN 63 vertical connection (1/4" BSP)

Thermo-manomètre DN63 sortie verticale (1/4" BSP)

Termomanometro DN 63 verticale (1/4" BSP)



ROSCA THREAD	ESCALA (bar) SCALE (bar)	Referencia Part n°
1/4" BSP	0-4	MFIT6304004V
1/4" BSP	0-16	MFIT6304016V
1/4" BSP	0-40	MFIT6304040V

Temp: 0-120°C / Temp: 0-120°C / Temp: 0-120°C / Temp: 0-120°C

### Termomanómetro DN 63 dorsal (1/4" BSP)

Temperature- pressure gauge DN 63 rear connection (1/4" BSP)

Thermo-manomètre DN63 sortie arrière (1/4" BSP)

Termomanometro DN 63 assiale (1/4" BSP)



ROSCA THREAD	ESCALA (bar) SCALE (bar)	Referencia Part n°
1/4" BSP	0-4	MFIT6304004-DB
1/4" BSP	0-16	MFIT6304016-DB
1/4" BSP	0-40	MFIT6304040-DB

Temp: 0-120°C / Temp: 0-120°C / Temp: 0-120°C / Temp: 0-120°C

### Manovacuómetro DN 63 vertical con glicerina (1/4" BSP)

Manovacuumeter DN 63 vertical connection with glycerin (1/4" BSP)

Manovacuumètre DN 63 sortie verticale avec glycérine (1/4" BSP)

Manovacuumetro DN 63 verticale con glicerina (1/4" BSP)



ROSCA THREAD	ESCALA (bar) SCALE (bar)	Referencia Part n°
1/4" BSP	- 1 +3	MFIVAC6304003V
1/4" BSP	- 1 +5	MFIVAC6304005V
1/4" BSP	- 1 +15	MFIVAC6304015V

### Manovacuómetro DN 63 dorsal con glicerina (1/4" BSP)

Manovacuumeter DN 63 rear connection with glycerin (1/4" BSP)

Manovacuumètre DN 63 sortie arrière avec glycérine (1/4" BSP)

Manovacuumetro DN 63 assiale con glicerina (1/4" BSP)



ROSCA THREAD	ESCALA (bar) SCALE (bar)	Referencia Part n°
1/4" BSP	- 1 +3	MFIVAC6304003-DB
1/4" BSP	- 1 +5	MFIVAC6304005-DB
1/4" BSP	- 1 +15	MFIVAC6304015-DB



## Instrumentos de medición

Pressure and vacuum gauges

Manomètres et vacuomètres

Manometri e vacuometri

### Manómetros Calibrados

Calibrated Manometers

Manomètres calibrés

Manometri calibrati



ROSCA THREAD	ESCALA (bar) SCALE (bar)	Referencia Part n°
1/4" BSP	0-6	MFI6304006VCC
1/4" BSP	0-10	MFI6304010VCC
1/4" BSP	0-16	MFI6304016VCC
1/4" BSP	0-25	MFI6304025VCC
1/4" BSP	0-40	MFI6304040VCC
1/4" BSP	0-60	MFI6304060VCC
1/4" BSP	0-100	MFI6304100VCC
1/4" BSP	0-160	MFI6304160VCC
1/4" BSP	0-250	MFI6304250VCC
1/4" BSP	0-315	MFI6304315VCC
1/4" BSP	0-400	MFI6304400VCC
1/4" BSP	0-600	MFI6304600VCC
1/4" BSP	0-250	MFI6304250-DBCC
1/4" BSP	0-400	MFI6304400-DBCC
1/2" BSP	0-1	MFI10008001-DBCC
1/2" BSP	0-400	MFI10008400-DBCC
1/4" BSP	0-600	<b>NEW</b> MANDIG63VCC

Otros manómetros bajo consulta. / Other manometers on request. / Autres manomètres sur de manometri su richiesta.



HOSES

FLEXIBLE HOSE  
FITTINGS

FLOW  
MEASURING

EQUIPMENT FOR  
FLEXIBLE HOSES

HOSES

FLEXIBLE HOSE FITTINGS

FLOW MEASURING

EQUIPMENT FOR FLEXIBLE HOSES

## Instrumentos de medición

Pressure and vacuum gauges  
Manomètres et vacuomètres  
Manometri e vacuometri

### Maletín medida de presión (0 manómetros)

Check cases (0 pressure gauge)

Coffre de mesure (0 manomètre)

Valigetta misurazione di pressione (0 manometro)



TAMAÑO SIZE	Referencia Part n°
320x280x119	<b>CBOXMEDF</b>

### Maletín dos manómetros + accesorios tipo 1

Check case 2 pressure gauge + accessories type 1

Coffre 2 manomètres + accessoires type 1

Valigetta con due manometri + accessori tipo 1



TAMAÑO SIZE	ESCALA (bar) SCALE (bar)	Referencia Part n°	€
320X280X119	160/315	<b>CBOX0001</b>	

### Maletín un manómetro digital + accesorios tipo 2

Check case 1 digital pressure gauge + accessories type 2

Coffre 1 manomètre digital + accessoires type 2

Valigetta con uno manometri digitale+ accessori tipo 2



TAMAÑO SIZE	ESCALA (bar) SCALE (bar)	Referencia Part n°
320x280x119	0-1000	<b>CBOX0003</b>

### Maletín tres manómetros + accesorios tipo 2

Check case 3 pressure gauge + accessories type 2

Coffre 3 manomètres + accessoires type 2

Valigetta con tre manometri + accessori tipo 2



TAMAÑO SIZE	ESCALA (bar) SCALE (bar)	Referencia Part n°
320x280x119	100/250/400	<b>CBOX0002</b>

### Maletín 3 transductores de presión 50/200/400 bar

Check case 3 pressure transducers 50/200/400 bar

Coffre 3 transducteurs de pression 50/200/400 bar

Valigetta 3 trasduttori di pressione 50/200/400 bar



Tamaño Size	Escala (bar) Scale (bar)	Referencia Part n°
320X280X119	50/200/400 BAR	<b>CBOXSMART</b>



**CBOX0001**



**CBOX0002**



**CBOX0003**



**CBOXSMART**

2 MANÓMETROS 1/4: 0-160 0-315	3 MANÓMETROS 1/4 0-100 0-250 0-400	1 MANÓMETROS DIG. 0-1000	3 TRANSDUCT. 0-50 0-200 0-400
<b>ACCESORIOS TIPO 2:</b> 1 MPR 1/4 C/J 1 MPR 3/8 C/J 1 MPR 1/4 NPT 1 MPR A 10X1 1 MPD 1/4 BSP 1 MPD 1/2 BSP 1 CAPUCHÓN ACERO 1 MPD 90 1/4 BSP 1 LATIGUILLO MINIMEX TL-TL 16X2 1.5 MTS	<b>ACCESORIOS TIPO 2:</b> 1 MPR 1/4 C/J 1 MPR 3/8 C/J 1 MPR 1/4 NPT 1 MPR A 10X1 1 MPD 1/4 BSP 1 MPD 1/2 BSP 1 CAPUCHÓN ACERO 1 MPR PT 1/4 BSP 1 LATIGUILLO MINIMEX TL-TL 16X2 1 MTS 1 LATIGUILLO MINIMEX TL-TL 16X2 2 MTS 1 MPR 7/16 UNF 1 MPR 9/16 UNF 1 MPR TLM 122 CM 1 MPR 3/8 NPT		

## Medidores de caudal

Flow tester  
Débitmètres  
Indicatori di flusso

### Caudalímetro 250 bar - Tipo 3 - 3/4" BSP

Flow tester type 3-3/4" BSP

Débitmètre 250 bar type 3-3/4" BSP

Flussostato 250 bar tipo 3-3/4" BSP



ESCALA (l/min) SCALE (l/min)	Referencia Part n°
0-56	WPB3A6HT15

### Caudalímetro 250 bar - Tipo 5 - 1 1/2" BSP

Flow tester type 5-1 1/2" BSP

Débitmètre 250 bar type 5-1 1/2" BSP

Flussostato 250 bar tipo 5-1 1/2" BSP

ESCALA (l/min) SCALE (l/min)	Referencia Part n°
75-550	WPB5A6HY99

### Caudalímetro 250 bar - Tipo 6 - 1 1/4" BSP

Flow tester type 6-1 1/4"

Débitmètre 250 bar type 6-1 1/4" BSP

Flussostato 250 bar tipo 6-1 1/4" BSP

ESCALA (l/min) SCALE (l/min)	Referencia Part n°
20-280	WPB5A6HW75

### Caudalímetro 420 bar - Tipo 57 - 3/4" BSP

Flow tester 420 bar Type 57 - 3/4" BSP

Débitmètre 420 bar Type 57 - 3/4" BSP

Flussostato 420 bar Tipo 57 - 3/4" BSP



ESCALA (l/min) SCALE (l/min)	Referencia Part n°
2 - 30	FT5758-01
2 - 60	FT5758-02
4 - 120	FT5758-03

### Caudalímetro 350 bar - Tipo 60 - 1" 1/2 BSP

Flow tester 350 bar Type 60 - 1" 1/2 BSP

Débitmètre 350 bar Type 60 - 1" 1/2 BSP

Flussostato 350 bar Tipo 60 - 1" 1/2 BSP



ESCALA (l/min) SCALE (l/min)	Referencia Part n°
10-200	FT6068-01
20-400	FT6068-03

### Caudalímetro 420 bar - con caja - 1" BSP

Flow tester 420 bar with box - 1" BSP

Débitmètre 420 bar avec boîte - 1" BSP

Flussostato 420 bar con cassa - 1" BSP



ESCALA (l/min) SCALE (l/min)	Referencia Part n°
10-120	FT5594-03
10-200	FT5594-09

HOSES

FLEXIBLE HOSE  
FITTINGS

FLOW  
MEASURING

EQUIPMENT FOR  
FLEXIBLE HOSES

## **Máquinas tratamiento tubo flexible** 124

Equipment for flexible hoses

Machines pour le montage des flexibles

Macchine per l'assemblaggio di tubi flessibili



04

## **MÁQUINAS TRATAMIENTO TUBO FLEXIBLE**

Equipment for flexible hoses

Machines pour le montage des flexibles

Macchine per l'assemblaggio di tubi flessibili

## PRENSAS

Crimping machines  
Presses hydrauliques  
Macchine e Accessori

TrAle®

### MANGUERA HIDRÁULICA · HYDRAULIC HOSES

#### MANUALES · MANUAL

##### PM 18 6J N

80 T +20 mm  
59 mm 28 kg.



TrAle®  
1" 2SP  
3/4" 4SP  
1/2" 6SP

##### PM16-8J

100 T +20 mm  
59 mm 25 kg.



TrAle®  
1" 3SP

##### PM16 ELBOW-8J

100 T +20 mm  
59 mm 25 kg.



TrAle®  
1" 3SP



die set

##### PM16-SPEED-8J

100 T +20 mm  
59 mm 25 kg.



TrAle®  
1" 3SP

##### PM18F-9J

120 T +20 mm  
65 mm 22 kg.



TrAle®  
1" 4SP

##### PM22-9J

140 T +25 mm  
110 mm 22 kg.



TrAle®  
1" 1/4 4SP

##### PM22P-9J

140 T +20 mm  
110 mm 55 kg.



TrAle®  
1" 1/4 4SP

### ELÉCTRICAS · ELECTRICAL

##### PE 28 9J NT

170 T +26 mm  
110 mm



TrAle®  
1" 1/4 4SP

##### PE 38 15J NT

220 T +32 mm  
130 mm



TrAle®  
2" 4SP  
1" 6SP

##### PE 50 17J NT

420 T +32 mm  
130 mm



TrAle®  
2" 6SP



Bajo pedido  
Under Request



##### SE 28 5J N/10J N

137 T +28 mm  
100 mm



TrAle®  
1" 1/4 4SP

##### PE 38 12 J N

240 T +38 mm  
118 mm



TrAle®  
2" 4SP  
1" 6SP

##### PE 58 14J N | PE 58 14J 5.5 N

350 T +54 mm  
180 mm



TrAle®  
2" 6SP  
3" 2SP



## CORTADORAS Y EXPOSITORES

Cutting machines, Reel hose, roll holders and exhibitors  
 Tronçonneuses, Présentoirs et dévidoirs  
 Macchine da taglio, Espositori e portarotoli

HOSES

FLEXIBLE HOSE FITTINGS

FLOW MEASURING

EQUIPMENT FOR FLEXIBLE HOSES

### MANGUERA HIDRÁULICA - HYDRAULIC HOSES

#### ELÉCTRICAS · ELECTRICAL

##### CHMT-20 N

- Ø Max. 50mm
- 2,2 Kw
- Ø 250 mm



**TrAle®**  
1"1/4 4SP

##### CHM4-32 N

- Ø Max. 75mm
- 3 Kw
- Ø 250 mm



**TrAle®**  
2" 4SP

##### CHM4-32 N2

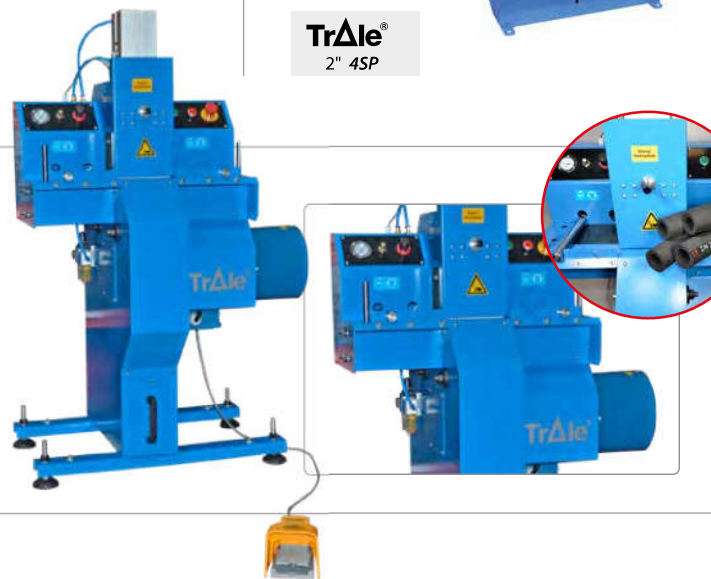
- Ø Max. 75mm
- 4 Kw
- Ø 300 mm



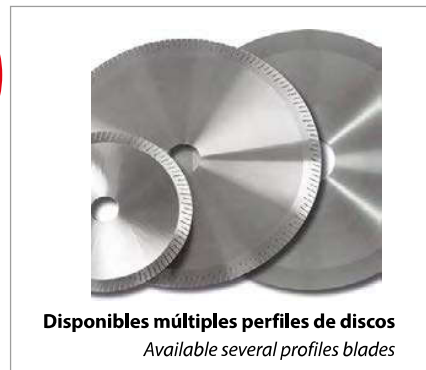
**TrAle®**  
2" 4SH

##### CHM6-32 N

- Ø Max. 125mm
- 5,5 Kw
- Ø 520 mm



**TrAle®**  
2" 6SP  
2" IND



### PORTARROLLOS, EXPOSITORES Y ENROLLADORES · REEL HOSE, ROLL HOLDERS AND EXHIBITORS

##### ROLLER



##### PRO7

Carga máx. recomendada / bandeja: 70 Kg.

Carga total recomendada: 490 Kg.

Each holder max 70 kg

Total max. capacity: 490 kg



##### PCM3

Carga máx. rollo: 35 Kg.

Each roll max 35 Kg.



### ACCESORIOS PARA PRENSAS · ACCESSORIES FOR CRIMPING MACHINES

##### M PE 38 NT



##### SPEBD N



##### EGN | EGNT



##### PEDAL.N/NT



##### GARRAS ESPECIALES SPECIAL DIES





# SKIVING MACHINES

Peladoras  
Schalmaschinen  
Dénudeuse



## MANGUERA HIDRÁULICA · HYDRAULIC HOSES

### PELADORA · SKIVING MACHINE

**PB-32N**



**Útiles / Tools**



Portaherramientas.  
Tool holder

**PMT 2**



**Peladora Manual**  
Manual hose skiving

## BANCO DE PRUEBAS · TEST BENCH

**TB 2500**





## OTRAS MÁQUINAS

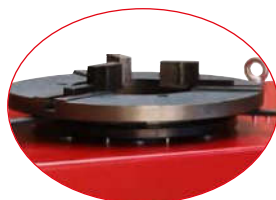
Other machines  
Autres Machines  
Altre Macchine

### MESASOLDADURA240

0.40 Kw

220 Kg

800x1200x1200



TrAle®

### CK50

7 Bar  
AIR



Espumas de multiples  
tamaños  
Multiples foam sizes

Limpieza  
Washing

1/4"  
hasta 2"

### RG 10

7 Bar  
AIR

Max. length. 20 m



Máquina de limpieza de mangueras  
con dos cabezales de lavado  
Hose cleaning machine with  
two flushing heads

hasta 2"

### RG2

7 Bar  
AIR



Máquina limpieza de  
mangueras móvil  
Mobile hose cleaning  
machine

hasta  
1 1/4" ID

### MMT050

Ø min. 11,5 mm - max. 100 mm



Marcadora manual  
Manual roll marking machine

### MNT050

Ø min. 11,5 mm - max. 85 mm



Marcadora neumática  
Pneumatic marking machine

No incluido  
Not included

### IRT50

Ø 50mm

straight, 45°, 90°



Introducción rápido para racores  
Manual nipple inserter