

# HIDRÁULICA

HYDRAULIC



**Conexiones Del Caribe**  
conexiones y mangueras del caribe

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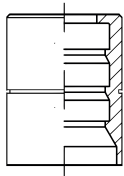
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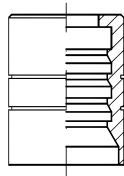
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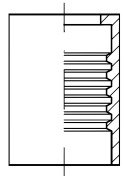
**MANGUITOS PARA PRENSAR**  
 SWAGING SLEEVES



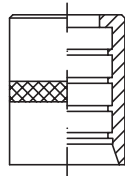
**00100** ●  
 SAE 100  
 R1A



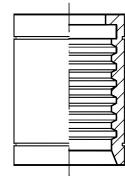
**00200** ●  
 SAE 100  
 R2A



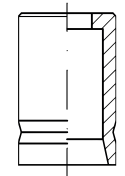
**00300** ●  
 SAE 100  
 R5



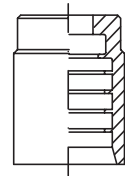
**00800** ●  
 SAE 100  
 R7 SUPERJET



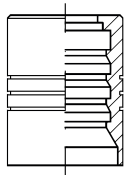
**00500** ●  
 PTFE



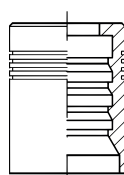
**00505** ●  
 PTFE  
 corrugado



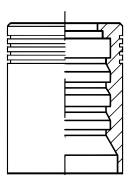
**03300** ●  
 SAE 100  
 R1AT - R2AT



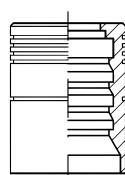
**00900**  
 SAE 100  
 R9R



**09900**  
 SAE 100 R9R  
 Multiespiral



**01000**  
 SAE 100  
 R10



**01900**  
 SAE 100  
 4SH

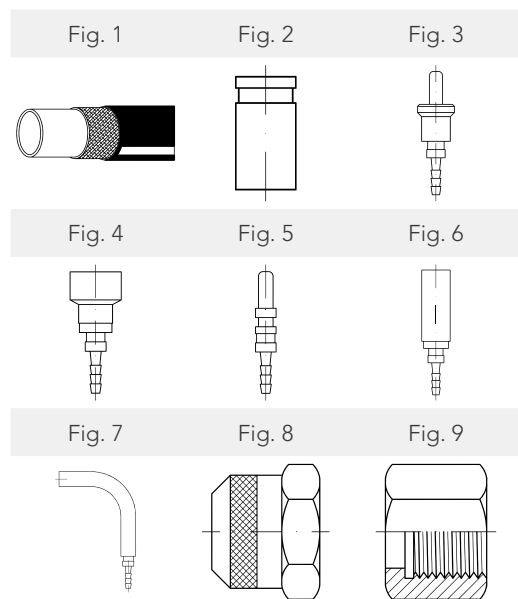
Ø Int. Tubo Int. Tube	Rosca BSP BSP thread	Galga Dash
3/16"	4,8	03
1/4"	6,3	04
5/16"	8	05
3/8"	9,5	06
1/2"	12,7	08

Ø Int. Tubo Int. Tube	Rosca BSP BSP thread	Galga Dash
5/8"	16	10
3/4"	19	12
1"	25,4	16
1 1/4"	32	20

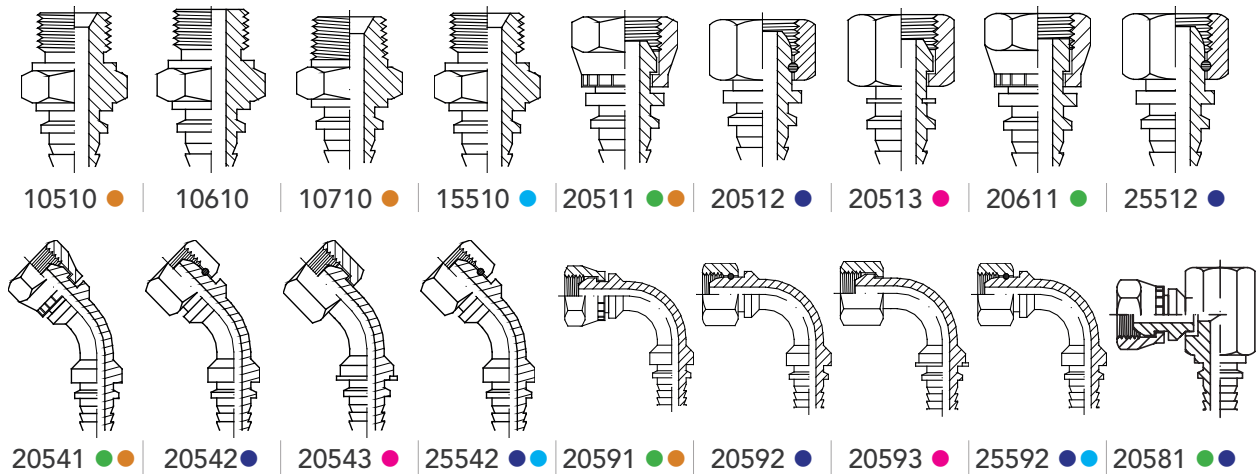
Ø Int. Tubo Int. Tube	Rosca BSP BSP thread	Galga Dash
1 1/2"	38	24
2"	50,8	32
2 1/2"	63,5	40
3"	76,2	48

**MINIMEX - TUBERÍA Y CONEXIONES**  
 MINIMEX - HOSE AND COUPLINGS

Descripción / description	Fig.	Ref.
Tubería MINIMEX DN 2. Presión 630 bar MINIMEX piper DN 2. Pressure 630 bar	1	1600-02
Casquillo para prensar DN-2 Crimping nipple DN-2	2	01500-02
Terminal para tuerca métrica Terminal for metric thread	3	21011-02-16
Terminal para toma manómetro 1/4" BSP Terminal for making gauge 1/4" BSP	4	20511-02-04AP
Terminal acoplamiento válvula Terminal valve coupling	5	14810-02
Terminal espiga lisa Ø 6 mm. Terminal smooth shank Ø 6mm.	6	22010-02-06
Terminal espiga lisa Ø 8 mm. Terminal smooth shank Ø 8mm.	6	22010-02-08
Terminal espiga lisa a 90° Ø 6 mm. Terminal 90° smooth shank Ø 6 mm.	7	22090-02-06
Tuerca M16x2 M16x2 nut	8	500-16-20
Tuerca M16x1,5 Crimping nipple DN-2	8	500-16-15
Tuerca 1/4" BSP para manómetro	9	630-02-04



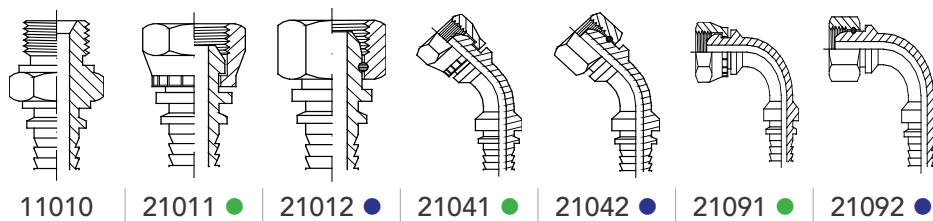
**ROSCA BSP**  
BSP THREAD



Los racores de la segunda fila (20541 - 20581) no están disponibles para las medidas 2 1/2" y 3"  
The couplings of the second row (20541-20581) are not available for measures 2 1/2 "and 3"

Ø Int. Tubo Ø Int. Tube	Rosca BSP BSP Thread	Galga Dash	Ø Int. Tubo Ø Int. Tube	Rosca BSP BSP Thread	Galga Dash	Ø Int. Tubo Ø Int. Tube	Rosca BSP BSP Thread	Galga Dash
3/16"	1/8"-28h	03-02	3/8"	1/2"-14h	06-08	1"	1"-11h	16-16
3/16"	1/4"-19h	03-04	1/2"	3/8"-19h	08-06	1"	1 1/4"-11h	16-20
1/4"	1/8"-28h	04-02	1/2"	1/2"-14h	08-08	1 1/4"	1 1/4"-11h	20-20
1/4"	1/4"-19h	04-04	1/2"	5/8"-14h	08-10	1 1/4"	1 1/2"-11h	20-24
1/4"	3/8"-19h	04-06	1/2"	3/4"-14h	08-12	1 1/2"	1 1/2"-11h	24-24
5/16"	1/4"-19h	05-04	5/8"	5/8"-14h	10-10	1 1/2"	2"-11h	24-32
5/16"	3/8"-19h	05-06	5/8"	3/4"-14h	10-12	2"	2"-11h	32-32
3/8"	1/4"-19h	06-04	3/4"	3/4"-14h	12-12	2 1/2"	2 1/2"-11h	40-40
3/8"	3/8"-19h	06-06	3/4"	1"-11h	12-16	3"	3"-11h	48-48

**ROSCA MÉTRICA - ASIENTO 60°**  
METRIC THREAD - 60° SEAT



Ø Int. Tubo Ø Int. Tube	Rosca Mét. Met. Thread	Galga Dash	Ø Int. Tubo Ø Int. Tube	Rosca Mét. Met. Thread	Galga Dash	Ø Int. Tubo Ø Int. Tube	Rosca Mét. Met. Thread	Galga Dash
3/16"	10 x 1	03-08	3/8"	16 x 1,5	06-16	5/8"	30 x 1,5	10-30
3/16"	12 x 1,5	03-12	3/8"	18 x 1,5	06-18	3/4"	26 x 1,5	12-26
1/4"	12 x 1,5	04-12	3/8"	20 x 1,5	06-20	3/4"	30 x 1,5	12-30
1/4"	14 x 1,5	04-14	3/8"	22 x 1,5	06-22	1"	38 x 1,5	16-38
1/4"	16 x 1,5	04-16	1/2"	18 x 1,5	06-18	1 1/4"	45 x 1,5	20-45
5/16"	16 x 1,5	05-16	1/2"	20 x 1,5	08-20	1 1/2"	52 x 1,5	24-52
5/16"	18 x 1,5	05-18	1/2"	22 x 1,5	08-22	2"	65 x 2	32-65
3/8"	14 x 1,5	06-14	5/8"	26 x 1,5	10-26			

● Tuerca prensada / Swaging nut   
 ● Multiespiral / Multispiral   
 ● Tuerca desplazable / Travelling nut   
 ● Tuerca engargolada / Wire nut   
 Disponible en / Available in: Inox. AISI-316

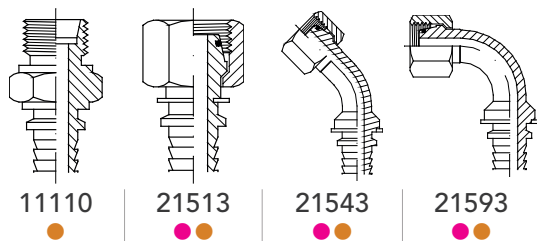


# RACORES PARA PRENSAR

## FITTINGS FOR CRIMPING

### ROSCA MÉTRICA - SERIE LIGERA - ASIENTO 24°

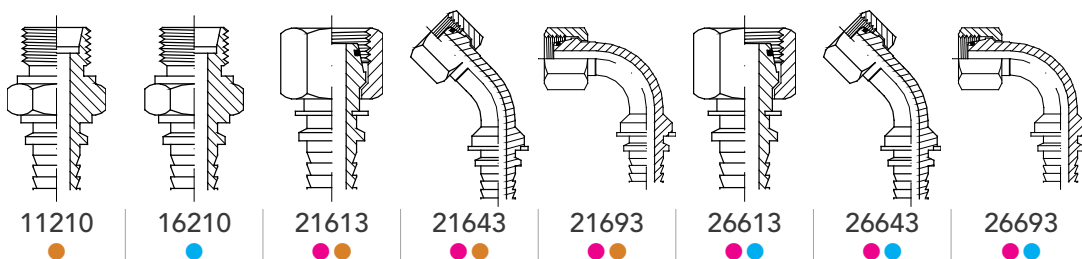
METRIC THREAD - LIGHT SERIES - 24° SEAT



Ø Int. Mang. Ø Int. Hose	Rosca Mét. Met. Thread	Ø Tubo (mm) Ø Tube (mm)	Galga Dash	Ø Int. Mang. Ø Int. Hose	Rosca Mét. Met. Thread	Ø Tubo (mm) Ø Tube (mm)	Galga Dash
3/16"	12x1,5	6	03-12	1/2"	18x1,5	12	08-18
1/4"	12x1,5	6	04-12	1/2"	22x1,5	15	08-22
1/4"	14x1,5	8	04-14	1/2"	26x1,5	18	08-26
1/4"	16x1,5	10	04-16	5/8"	26x1,5	18	10-26
1/4"	18x1,5	12	04-18	5/8"	30x2	22	10-30
5/16"	14x1,5	8	05-14	3/4"	26x1,5	18	12-26
5/16"	16x1,5	10	05-16	3/4"	30x2	22	12-30
5/16"	18x1,5	12	05-18	1"	36x2	28	16-36
3/8"	16x1,5	10	06-16	1 1/4"	45x2	35	20-45
3/8"	18x1,5	12	06-18	1 1/2"	52x2	42	24-52
3/8"	22x1,5	15	06-22				

### ROSCA MÉTRICA - SERIE PESADA - ASIENTO 24°

METRIC THREAD - HEAVY SERIES - 24° SEAT



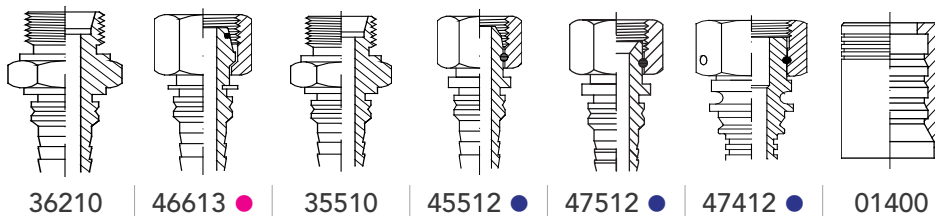
Ø Int. Mang. Ø Int. Hose	Rosca Mét. Met. Thread	Ø Tubo (mm) Ø Tube (mm)	Galga Dash	Ø Int. Mang. Ø Int. Hose	Rosca Mét. Met. Thread	Ø Tubo (mm) Ø Tube (mm)	Galga Dash
3/16"	16x1,5	8	03-16	1/2"	24x1,5	16	08-24
1/4"	14x1,5	6	04-14	5/8"	30x2	20	10-30
1/4"	16x1,5	8	04-16	3/4"	30x2	20	12-30
1/4"	18x1,5	10	04-18	3/4"	33x1,5	25	12-33
5/16"	16x1,5	8	05-16	3/4"	36x2	25	12-36
5/16"	18x1,5	10	05-18	1"	36x2	25	16-36
5/16"	20x1,5	12	05-20	1"	42x2	30	16-42
3/8"	18x1,5	10	06-18	1"	52x2	38	16-52
3/8"	20x1,5	12	06-20	1 1/4"	48,8x16h"	35	20-48,8
3/8"	22x1,5	14	06-22	1 1/4"	52x2	38	20-52
1/2"	22x1,5	14	08-22	1 1/2"	52x2	38	24-52





**ESPECIALES PARA MARTILLO**

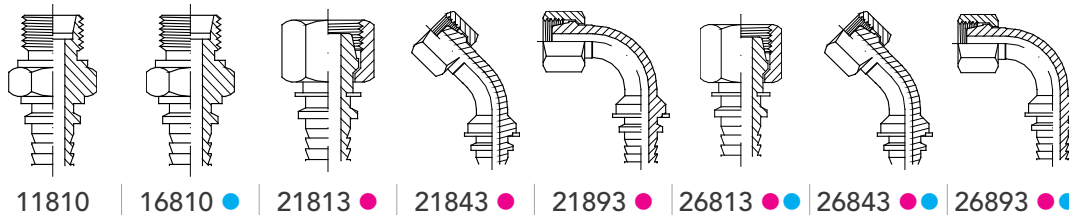
HAMMER SPECIAL



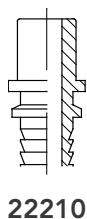
Ø Int. Mang. Ø Int. Hose	Rosca Thread	Ø Tubo (mm) Ø Tube (mm)	Galga Dash	Ø Int. Mang. Ø Int. Hose	Rosca Thread	Ø Tubo (mm) Ø Tube (mm)	Galga Dash
3/4"	M36x2	25	12-36 00	3/4"	M36x2	25	12-36 00
1"	M42x2	30	16-42 00	1"	M42x2	30	16-42 00
20"	M52X2	38	20-52 00	20"	M52X2	38	20-52 00
3/4"	3/4"-14h BSP	-	12-12 00	3/4"	3/4"-14h BSP	-	12-12 00
1"	1"-11h BSP	-	16-16 00	1"	1"-11h BSP	-	16-16 00
1 1/4"	1 1/4"-14h BSP	-	20-20 00	1 1/4"	1 1/4"-14h BSP	-	20-20 00
3/4"	1 1/16"-12h JIC	-	12-12 00	3/4"	1 1/16"-12h JIC	-	12-12 00

**ROSCA MÉTRICA - SERIE FRANCESA - ASIENTO 24°**

METRIC THREAD - FRENCH SERIES - 24° SEAT



Ø Int. Tubo Ø Int. Tube	Rosca Mét. Met. Thread	Ø Tubo (mm) Ø Tube (mm)	Galga Dash
5/16"	20x1,5	13,25	05-20
3/8"	20x1,5	13,25	06-20
1/2"	24x1,5	16,75	08-24
5/8"	30x1,5	21,25	10-30
3/4"	30x1,5	21,25	12-30
3/4"	36x1,5	26,75	12-36
1"	45x1,5	33,50	16-45



**22210**

Ø Int. Manguera Int. Hose	Ø Ext. Espiga lisa Stantipe Ext.	Galga Dash
3/8"	13,25	06-13
1/2"	16,75	08-17
1/2"	21,25	08-21
5/8"	21,25	10-21
3/4"	26,75	12-27
1"	33,25	16-33

Tuerca prensada Swaging nut
Multiespiral Multispiral
Tuerca desplazable Travelling nut
Tuerca engargolada Wire nut
Disponible en Inox. AISI-316

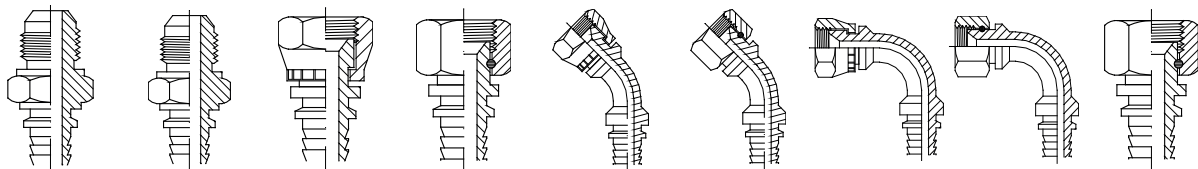


# RACORES PARA PRENSAR

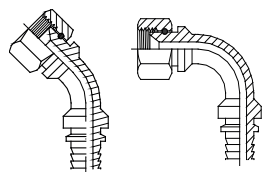
## FITTINGS FOR CRIMPING

### ROSCA JIC

JIC THREAD



12510 ● | 17510 ● | 22511 ●● | 22512 ● | 22541 ●● | 22542 ● | 22591 ●● | 22592 ● | 27512 ●●

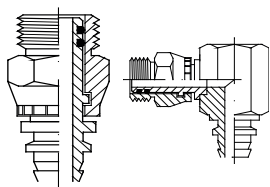


27542 ●● | 27592 ●●

Ø Int. Mang. Ø Int. Hose	Rosca JIC JIC Thread	Galga Dash	Ø Int. Mang. Ø Int. Hose	Rosca JIC JIC Thread	Galga Dash
1/4"	7/16"-20h	04-04	5/8"	7/8"-14h	10-10
1/4"	1/2"-20h	04-05	5/8"	1 1/16"-12h	10-12
1/4"	9/16"-18h	04-06	3/4"	1 1/16"-12h	12-12
5/16"	1/2"-20h	05-05	3/4"	1 3/16"-12h	12-14
5/16"	9/16"-18h	05-06	3/4"	1 5/16"-12h	12-16
3/8"	9/16"-18h	06-06	1"	1 5/16"-12h	16-16
3/8"	5/8"-18h	06-07	1"	1 5/8"-12h	16-20
3/8"	3/4"-16h	06-08	1 1/4"	1 5/8"-12h	20-20
3/8"	7/8"-14h	06-10	1 1/4"	1 7/8"-12h	20-24
1/2"	3/4"-16h	08-08	1 1/2"	1 7/8"-12h	24-24
1/2"	7/8"-14h	08-10	2"	2 1/2"-12h	32-32
1/2"	1 1/16"-12h	08-12			

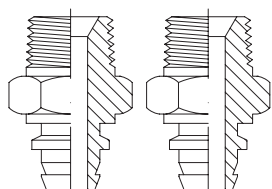
### ROSCA SAE Y NPT

SAE AND NPT THREAD



14310 | 14390

Ø Int. Mang. Ø Int. Hose	Rosca SAE SAE Thread	Galga Dash
1/2"	7/8"-14h	08-10
5/8"	7/8"-14h	10-10
3/4"	1 1/16"-12h	12-12



12810 ● | 17810 ●

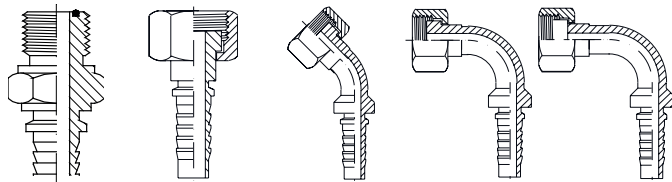
Ø Int. Mang. Ø Int. Hose	Rosca NPT NPT Thread	Galga Dash	Ø Int. Mang. Ø Int. Hose	Rosca NPT NPT Thread	Galga Dash
3/16"	1/8"-27h	03-02	1/2"	1/2"-14h	08-08
3/16"	1/4"-18h	03-04	1/2"	3/4"-14h	08-12
1/4"	1/8"-27h	04-02	5/8"	1/2"-14h	10-08
1/4"	1/4"-18h	04-04	5/8"	3/4"-14h	10-12
1/4"	3/8"-18h	04-06	3/4"	3/4"-14h	12-12
5/16"	1/4"-18h	05-04	3/4"	1"-11,5h	12-16
5/16"	3/8"-18h	05-06	1"	1"-11,5h	16-16
3/8"	1/4"-18h	06-04	1"	1 1/4"-11,5h	16-20
3/8"	3/8"-18h	06-06	1 1/4"	1 1/4"-11,5h	20-20
3/8"	1/2"-14h	06-08	1 1/2"	1 1/2"-11,5h	24-24
1/2"	3/8"-18h	08-06	2"	2"-11,5h	32-32



Tuerca prensada Swaging nut ● Multiespiral Multispiral ● Tuerca desplazable Travelling nut ● Tuerca engargolada Wire nut ● Disponible en Inox. AISI-316 ●



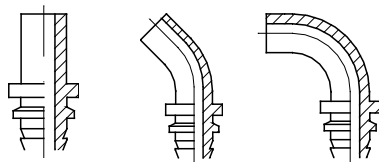
**ROSCA ORFS**  
ORFS THREAD



12413 | 22413 ● | 22443 ● | 22493 ● | 24493 ●

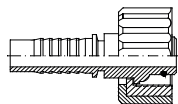
Ø Int. Mang. Ø Int. Hose	Rosca ORFS ORFS Thread	Galga Dash	Ø Int. Mang. Ø Int. Hose	Rosca ORFS ORFS Thread	Galga Dash	Ø Int. Mang. Ø Int. Hose	Rosca ORFS ORFS Thread	Galga Dash
1/4"	9/16"-18h	04-04	1/2"	1"-14h	08-10	3/4"	1 7/16"-12h	12-16
1/4"	11/16"-16h	04-06	1/2"	1 3/16"-12h	08-12	1"	1 7/16"-12h	16-16
5/16"	11/16"-16h	05-06	5/8"	1"-14h	10-10	1"	1 11/16"-12h	16-20
3/8"	11/16"-16h	06-06	5/8"	1 3/16"-12h	10-12	1 1/4"	1 11/16"-12h	20-20
3/8"	13/16"-16h	06-08	3/4"	1 3/16"-12h	12-12	1 1/2"	2"-12h	24-24
1/2"	13/16"-16h	08-08						

**ESPIGAS LISAS Y RACORES PARA LIMPIEZA**  
SMOOTH STANDPIPE AND CLEANING FITTINGS



22010 | 22040 | 22090

Ø Int. Mang. Ø Int. Hose	Ø Espiga Ø Standp. (mm)	Galga Dash	Ø Int. Mang. Ø Int. Hose	Ø Espiga Ø Standp. (mm)	Galga Dash	Ø Int. Mang. Ø Int. Hose	Ø Espiga Ø Standp. (mm)	Galga Dash
3/16"	6	03-06	3/8"	15	06-15	3/4"	25	12-25
3/16"	8	03-08	1/2"	14	08-14	1"	25	16-25
1/4"	6	04-06	1/2"	15	08-15	1"	28	16-28
1/4"	8	04-08	1/2"	16	08-16	1"	30	16-30
1/4"	10	04-10	1/2"	18	08-18	1"	38	16-38
5/16"	10	05-10	5/8"	18	10-18	1 1/4"	35	20-35
5/16"	12	05-12	5/8"	20	10-20	1 1/4"	38	20-38
3/8"	10	06-10	5/8"	22	10-22	1 1/2"	38	24-38
3/8"	12	06-12	3/4"	20	12-20	1 1/2"	42	24-42
3/8"	14	06-14	3/4"	22	12-22			



24913

Ø Int. Mang. Ø Int. Hose	Rosca Mét. Met. Thread	Ø Tubo Ø Tube	Galga Dash
1/4"	22x1,5	14	04-22
5/16"	22x1,5	14	05-22
3/8"	22x1,5	14	06-22
1/4"	22x1,5	15	04-22/15
5/16"	22x1,5	15	05-22/15
3/8"	22x1,5	15	06-22/15



24911

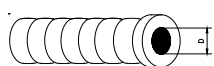
Ø Int. Mang. Ø Int. Hose	Ø Tubo Ø Tube	Galga Dash
1/4"	10	04-10
1/4"	11	04-11
5/16"	11	05-11

Tuerca prensada  
Swaging nut
●
Multiespiral  
Multispiral
●
Tuerca desplazable  
Travelling nut
●
Tuerca engargolada  
Wire nut
●
Disponibles en  
Inox. AISI-316



# RACORES PARA PRENSAR

FITTINGS FOR CRIMPING

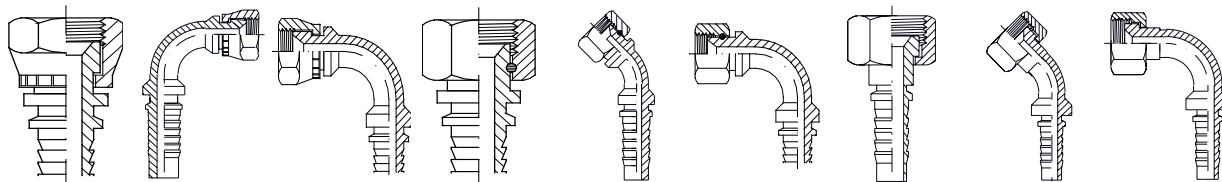


24999-N | 24999-B  
Negra | Azul

DN DN	Pulgadas Inch	D D	Galga Dash
6	1/4"	16	04
8	5/16"	18	05
10	3/8"	21	06
12	1/2"	21	08

## SERIE JAPONESA - TOYOTA - ASIENTO 60°

JAPANESE SERIES - TOYOTA - 60° SEAT

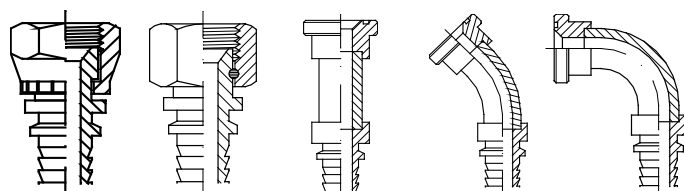


23811 ● | 23841 ● | 23891 ● | 23812 ● | 23842 ● | 23892 ● | 23813 ● | 23843 ● | 23893 ●

Ø Int. Mang. Ø Int. Hose	Rosca BSP BSP Thread	Galga Dash	Ø Int. Mang. Ø Int. Hose	Rosca BSP BSP Thread	Galga Dash	Ø Int. Mang. Ø Int. Hose	Rosca BSP BSP Thread	Galga Dash
1/4"	1/4"-19h	04-04	1/2"	1/2"-14h	08-08	3/4"	3/4"-14h	12-12
1/4"	3/8"-19h	04-06	1/2"	5/8"-14h	08-10	3/4"	1"-11h	12-16
5/16"	3/8"-19h	05-06	1/2"	3/4"-14h	08-12	1"	1"-11h	16-16
3/8"	3/8"-19h	06-06	5/8"	5/8"-14h	10-10	1 1/4"	1 1/4"-11h	20-20
3/8"	1/2"-14h	06-08	5/8"	3/4"-14h	10-12	1 1/2"	1 1/2"-11h	24-24

## SERIE KOMATSU

KOMATSU SERIES



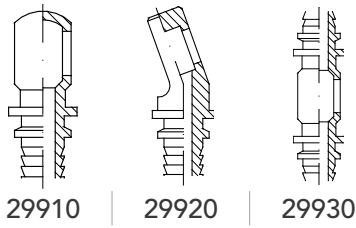
24011 ● | 24012 ● | 24111 ● | 24141 ● | 24191 ●

Ø Int. Mang. Ø Int. Hose	Rosca Mét. Met. Thread	Brida Flange	Galga Dash	Ø Int. Mang. Ø Int. Hose	Rosca Mét. Met. Thread	Brida Flange	Galga Dash
1/2"	-	1/2"	08-08	1/4"	14 x 1,5	-	04-14
1/2"	-	3/4"	08-12	1/4"	16 x 1,5	-	04-16
5/8"	-	5/8"	10-10	1/4"	18 x 1,5	-	04-18
3/4"	-	3/4"	12-12	3/8"	16 x 1,5	-	06-16
3/4"	-	1"	12-16	3/8"	18 x 1,5	-	06-18
1"	-	1"	16-16	1/2"	22 x 1,5	-	08-22
1"	-	1 1/4"	16-20	5/8"	24 x 1,5	-	10-24
1 1/4"	-	1 1/4"	20-20	3/4"	30 x 1,5	-	12-30
1 1/4"	-	1 1/2"	20-24	1"	33 x 1,5	-	16-33
				1 1/4"	36 x 1,5	-	20-36
				1 1/2"	42 x 1,5	-	24-42

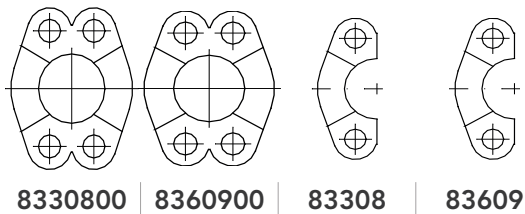


Tuerca prensada Swaging nut ● Multiespiral Multispiral ● Tuerca desplazable Travelling nut ● Tuerca engargolada Wire nut ● Disponible en Inox. AISI-316 ●

**ORIENTABLES - BRIDAS Y SEMIBRIDAS**  
BANJOS - FLANGES AND HALF-FLANGES

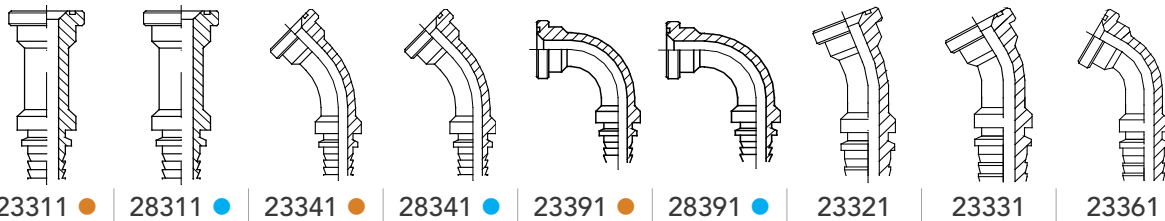


Ø Int. Mang. Ø Int. Hose	Ø Tornillo Ø Screw	Galga Dash	Ø Int. Mang. Ø Int. Hose	Ø Tornillo Ø Screw	Galga Dash
1/4"	10,0	04-10	3/8"	20,6	06-21
1/4"	12,0	04-12	1/2"	16,6	08-17
1/4"	13,1	04-13	1/2"	18,0	08-18
1/4"	14,0	04-14	1/2"	20,9	08-21
5/16"	14,0	05-14	1/2"	22,0	08-22
5/16"	16,6	05-17	5/8"	22,0	10-22
5/16"	18,0	05-18	5/8"	23,0	10-23
3/8"	13,1	06-13	3/4"	22,9	12-26
3/8"	14,0	06-14	3/4"	26,4	12-27
3/8"	16,6	06-17	1"	33,2	16-33
3/8"	18,0	06-18	3/8"	18,0	06-18

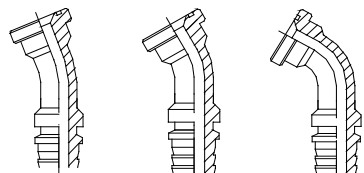


Galga Dash	Galga Dash
08	24
12	32
16	40
20	

**BRIDAS 3000 PSI**  
3000 PSI FLANGES



23311 ● | 28311 ● | 23341 ● | 28341 ● | 23391 ● | 28391 ● | 23321 | 23331 | 23361



28321 ● | 28331 ● | 28361 ●

Ø Int. Mang. Ø Int. Hose	Brida Flange	Galga Dash	Ø Int. Mang. Ø Int. Hose	Brida Flange	Galga Dash	Ø Int. Mang. Ø Int. Hose	Brida Flange	Galga Dash
1/2"	1/2" ø 30,4	08-08	1"	1 1/4" ø 50,8	16-20	2"	2" ø 71,4	32-32
1/2"	3/4" ø 38,1	08-12	1 1/4"	1 1/4" ø 50,8	20-20	2"	2 1/2" ø 84,3	32-40
3/4"	3/4" ø 38,1	12-12	1 1/4"	1 1/2" ø 60,3	20-24	2 1/2"	2 1/2" ø 84,3	40-40
3/4"	1" ø 44,5	12-16	1 1/2"	1 1/2" ø 60,3	24-24	3"	3" ø 101,6	48-48
1"	1" ø 44,5	16-16	1 1/2"	2" ø 71,4	24-32			

Tuerca prensada Swaging nut ● Multiespiral Multispiral ● Tuerca desplazable Travelling nut ● Tuerca engargolada Wire nut ● Disponible en Inox. AISI-316

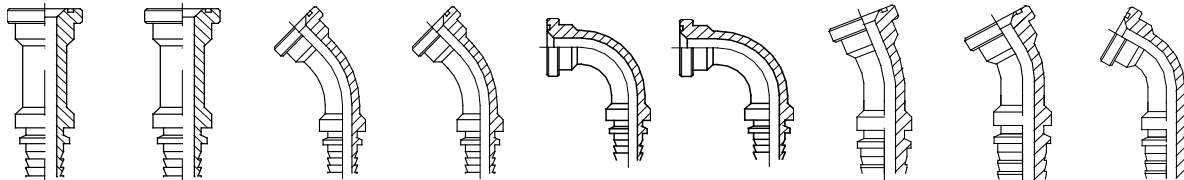


# RACORES PARA PRENSAR

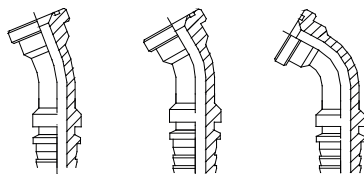
FITTINGS FOR CRIMPING

## BRIDAS 6000 PSI

6000 PSI FLANGES



23611 ● | 28611 ● | 23641 ● | 28641 ● | 23691 ● | 28691 ● | 23621 | 23631 | 23661

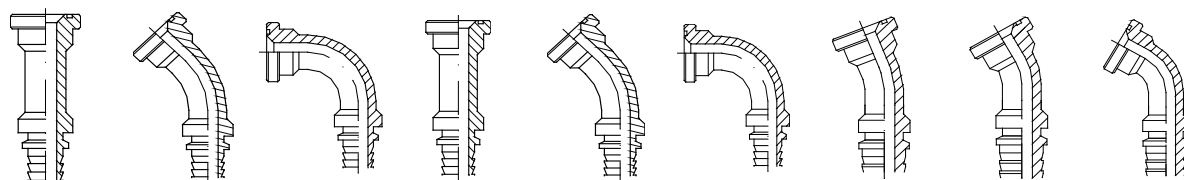


28621 ● | 28631 ● | 28661 ●

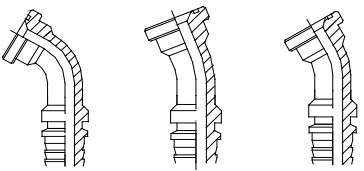
Ø Int. Mang. Ø Int. Hose	Brida Flange	Galga Dash	Ø Int. Mang. Ø Int. Hose	Brida Flange	Galga Dash	Ø Int. Mang. Ø Int. Hose	Brida Flange	Galga Dash
1/2"	1/2"	Ø 31,8	1"	1 1/4"	Ø 54	2"	2"	Ø 79,4
1/2"	3/4"	Ø 41,3	1 1/4"	1 1/4"	Ø 54	2"	2 1/2"	-
3/4"	3/4"	Ø 41,3	1 1/4"	1 1/2"	Ø 63,5	2 1/2"	2 1/2"	-
3/4"	1"	Ø 47,6	1 1/2"	1 1/2"	Ø 63,5	3"	3"	-
1"	1"	Ø 47,6	1 1/2"	2"	Ø 79,4			
		08-08			16-20			32-32
		08-12			20-20			32-40
		12-12			20-24			40-40
		12-16			24-24			48-48
		16-16			24-32			

## BRIDAS CATERPILLAR

CATERPILLAR FLANGES



23614 | 23644 | 23694 | 28614 ● | 28644 ● | 28694 ● | 23624 | 23634 | 23634



28624 ● | 28634 ● | 28664 ●

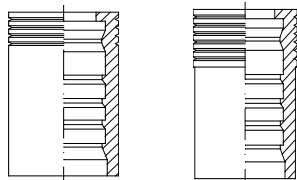
Ø Int. Mang. Int. Hose	Brida Flange	Galga Dash
3/4"	3/4"	41,3
3/4"	1"	47,6
1"	1"	47,6
1"	1 1/4"	54,0
1 1/4"	1 1/4"	54,0
1 1/4"	1 1/2"	63,5
1 1/2"	1 1/2"	63,5

RACORERÍA / FITTINGS



Tuerca prensada Swaging nut ● Multiespiral Multispiral ● Tuerca desplazable Travelling nut ● Tuerca engargolada Wire nut ● Disponible en Inox. AISI-316 ●

**INTERLOCK**  
INTERLOCK



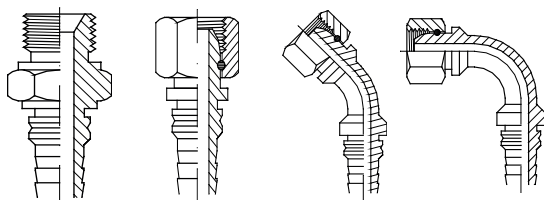
SAE 100 4SH  
**01400\*** ●

SAE 100 R13  
**01300**

\* 1" 4SH, R12 Y R13: 1300-16

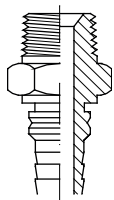
Ø Interior Manguera Int. Hose		
Pulgadas inch	mm mm	Galga Dash
3/4"	19	12
1"	25,4	16
1 1/4"	32	20
1 1/2"	38	24
2"	50,8	32

**INTERLOCK - ROSCA BSP Y BSPT**  
INTERLOCK - BSP AND BSPT THREAD



**35510** ● | **45512** ●● | **45542** ●● | **45592** ●●

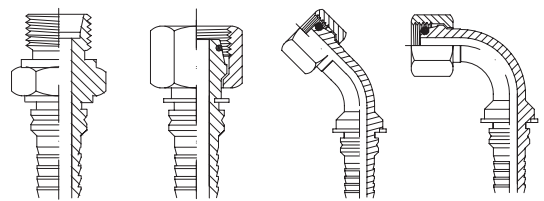
Ø Int. Mang. Int. Hose	Rosca BSP BSP Thread	Galga Dash
3/4"	3/4"-14h	12-12
3/4"	1"-11h	12-16
1"	1"-11h	16-16
1"	1 1/4"-11h	16-20
1 1/4"	1 1/4"-11h	20-20
1 1/4"	1 1/2"-11h	20-24
1 1/2"	1 1/2"-11h	24-24
1 1/2"	2"-11h	24-32
2"	2"-11h	32-32



**35710** ●

Rosca BSPT BSPT Thread	Galga Dash	Rosca BSPT BSPT Thread	Galga Dash	Rosca BSPT BSPT Thread	Galga Dash
3/4"-14h	12-12	1 1/4"-11h	16-20	1 1/2"-11h	24-24
1"-11h	12-16	1 1/4"-11h	20-20	2"-11h	24-32
1"-11h	16-16	1 1/2"-11h	20-24	2"-11h	32-32

**INTERLOCK - ROSCA MÉTRICA - SERIE PESADA - ASIENTO 24°**  
INTERLOCK - METRIC THREAD - HEAVY SERIES - 24° SEAT



**36210** ● | **46613** ●● | **46643** ●● | **46693** ●●

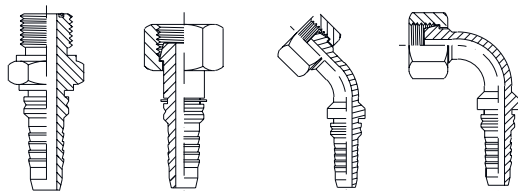
Ø Int. Mang. Int. Hose	Rosca Mét. Met. Thread	Tubo Ø Tube	Galga Dash
3/4"	30 x 2	20	12-30
3/4"	36 x 2	25	12-36
1"	42 x 2	30	16-42
1 1/4"	52 x 2	38	20-52

# RACORES PARA PRENSAR

FITTINGS FOR CRIMPING

## INTERLOCK - ORFS

INTERLOCK - ORFS

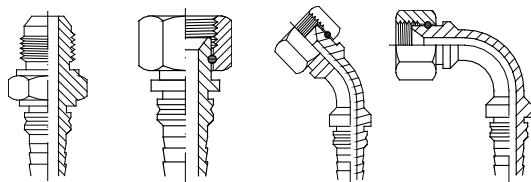


32413 | 47413 ● | 47443 ● | 47493 ●

Ø Int. Mang. Int. Hose	Rosca ORFS ORFS Thread	Galga Dash
3/4"	1 3/16"-12h	12-12
1"	1 7/16"-12h	16-16
1 1/4"	1 11/16"-12h	20-20
1 1/2"	2"-12h	24-24

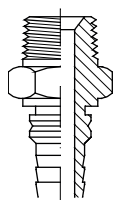
## INTERLOCK - ROSCA JIC y NPT

INTERLOCK - JIC AND NPT THREAD



37510 ● | 47512 ●● | 47542 ●● | 47592 ●●

Ø Int. Mang. Int. Hose	Rosca JIC JIC Thread	Galga Dash	Ø Int. Mang. Int. Hose	Rosca JIC JIC Thread	Galga Dash	Ø Int. Mang. Int. Hose	Rosca JIC JIC Thread	Galga Dash
3/4"	1 1/16"-12h	12-12	1"	1 5/8"-12h	16-20	1 1/2"	1 7/8"-12h	24-24
3/4"	1 5/16"-12h	12-16	1 1/4"	1 5/8"-12h	20-20	1 1/2"	2 1/2"-12h	24-32
1"	1 5/16"-12h	16-16	1 1/4"	1 7/8"-12h	20-24	2"	2 1/2"-12h	32-32

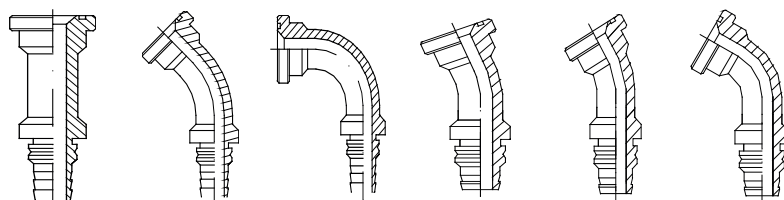


37810 ●

Rosca NPT NPT Thread	Galga Dash	Rosca NPT NPT Thread	Galga Dash	Rosca NPT NPT Thread	Galga Dash	Rosca NPT NPT Thread	Galga Dash
3/4"-14h	12-12	1 1/4"-11h	16-20	1 1/2"-11h	20-24	2"-11h	24-32
1"-11h	12-16	1 1/4"-11h	20-20	1 1/2"-11h	24-24	2"-11h	32-32
1"-11h	16-16						

## INTERLOCK - BRIDAS 3000 PSI (SAE J 518)

INTERLOCK - 3000 PSI FLANGES (SAE J 518)



48310 ● | 48340 ● | 48390 ● | 48320 | 48330 | 48360

Ø Int. Tubo Int. Tube	Brida / Flange pulg / inch	Ø	Galga Dash	Ø Int. Tubo Int. Tube	Brida / Flange pulg / inch	Ø	Galga Dash
3/4"	3/4"	38,1	12-12	3/4"	3/4"	38,1	12-12
3/4"	1"	44,5	12-16	1 1/4"	1 1/2"	60,3	20-24
1"	1"	44,5	16-16	1 1/2"	1 1/2"	60,3	24-24
1"	1 1/4"	50,8	16-20	2"	2"	71,4	32-32

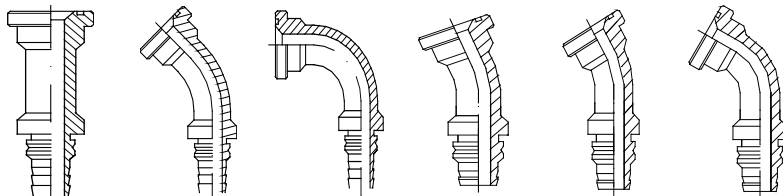


Tuerca prensada Swaging nut ● Multiespiral Multispiral ● Tuerca desplazable Travelling nut ● Tuerca engargolada Wire nut ● Disponible en Inox. AISI-316 ●



**INTERLOCK - BRIDAS 6000 PSI (SAE J 518)**

INTERLOCK - 6000 PSI FLANGES (SAE J 518)



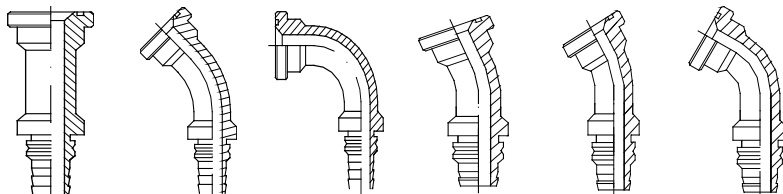
48610 ● | 48640 ● | 48690 ● | 48620 | 48630 | 48660

Ø Int. Tubo Int. Tube	Brida Flange	Galga Dash
3/4"	3/4"	Ø 41,3
3/4"	1"	Ø 47,6
1"	1"	Ø 47,6
1"	1 1/4"	Ø 54,0

Ø Int. Tubo Int. Tube	Brida Flange	Galga Dash
1 1/4"	1 1/4"	Ø 54,0
1 1/4"	1 1/2"	Ø 63,5
1 1/2"	1 1/2"	Ø 63,5
1 1/2"	2"	Ø 79,4

**INTERLOCK - BRIDAS CATERPILLAR**

INTERLOCK - CATERPILLAR FLANGES



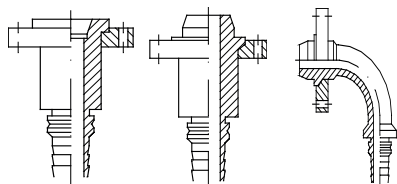
48614 ● | 48644 ● | 48694 ● | 48624 | 48634 | 48664

Ø Int. Tubo Int. Tube	Brida Flange	Galga Dash
3/4"	3/4"	Ø 41,3
3/4"	1"	Ø 47,6
1"	1"	Ø 47,6
1"	1 1/4"	Ø 54,0

Ø Int. Tubo Int. Tube	Brida Flange	Galga Dash
1 1/4"	1 1/4"	Ø 54,0
1 1/4"	1 1/2"	Ø 63,5
1 1/2"	1 1/2"	Ø 63,5

**INTERLOCK - BRIDAS POCLAIN**

INTERLOCK - POCLAIN FLANGES



39514 ● | 49513 ● | 49593 ●

Ø Int. Tubo Int. Tube	Brida Flange	Galga Dash
3/4"	3/4"	Ø 41,3
3/4"	1"	Ø 47,6
1"	1"	Ø 47,6
1"	1 1/4"	Ø 54,0

Ø Int. Tubo Int. Tube	Brida Flange	Galga Dash
1 1/4"	1 1/4"	Ø 54,0
1 1/4"	1 1/2"	Ø 63,5
1 1/2"	1 1/2"	Ø 63,5
1 1/2"	2"	Ø 79,4

Tuerca prensada Swaging nut ● Multiespiral Multispiral ● Tuerca desplazable Travelling nut ● Tuerca engargolada Wire nut ● Disponible en Inox. AISI-316




# RACORES PARA PRENSAR

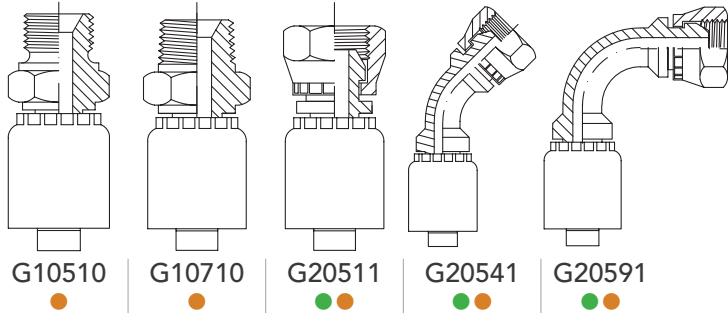
## FITTINGS FOR CRIMPING

### GLOBAL NO-PELAR | ROSCA BSP

GLOBAL NO SKIVE - BSP THREAD

Mangueras: 

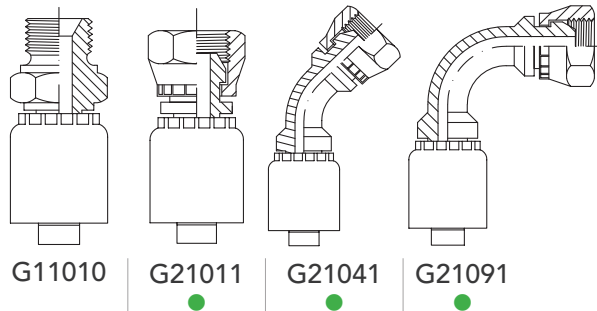
R1AT y R2AT



Ø Int. Tubo Ø Int. Tube	Rosca BSP BSP Thread	Galga Dash	Ø Int. Tubo Ø Int. Tube	Rosca BSP BSP Thread	Galga Dash	Ø Int. Tubo Ø Int. Tube	Rosca BSP BSP Thread	Galga Dash
1/4"	1/4"-19h	04-04	3/8"	3/8"-19h	06-06	1/2"	3/4"-14h	08-12
1/4"	3/8"-19h	04-06	3/8"	1/2"-14h	06-08	5/8"	5/8"-14h	10-10
5/16"	1/4"-19h	05-04	1/2"	3/8"-19h	08-06	5/8"	3/4"-14h	10-12
5/16"	3/8"-19h	05-06	1/2"	1/2"-14h	08-08	3/4"	3/4"-14h	12-12
3/8"	1/4"-19h	06-04	1/2"	5/8"-14h	08-10	3/4"	1"-11h	12-16
						1"	1"-11h	16-16






### GLOBAL NO-PELAR | ROSCA MÉTRICA - ASIENTO 60°

GLOBAL NO SKIVE - METRIC THREAD - 60° SEAT




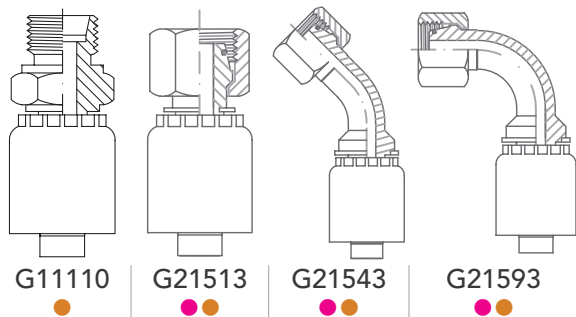
Ø Int. Tubo Ø Int. Tube	Rosca Mét. Met. Thread	Galga Dash	Ø Int. Tubo Ø Int. Tube	Rosca Mét. Met. Thread	Galga Dash	Ø Int. Tubo Ø Int. Tube	Rosca Mét. Met. Thread	Galga Dash
1/4"	12 x 1,5	04-12	3/8"	16 x 1,5	06-16	1/2"	22 x 1,5	08-22
1/4"	14 x 1,5	04-14	3/8"	18 x 1,5	06-18	5/8"	26 x 1,5	10-26
1/4"	16 x 1,5	04-16	3/8"	20 x 1,5	06-20	5/8"	30 x 1,5	10-30
5/16"	16 x 1,5	05-16	3/8"	22 x 1,5	06-22	3/4"	26 x 1,5	12-26
5/16"	18 x 1,5	05-18	1/2"	18 x 1,5	06-18	3/4"	30 x 1,5	12-30
3/8"	14 x 1,5	06-14	1/2"	20 x 1,5	08-20	1"	38 x 1,5	16-38



Tuerca prensada Swaging nut 
Multiespiral Multispiral 
Tuerca desplazable Travelling nut 
Tuerca engargolada Wire nut 
Disponible en Inox. AISI-316 

**GLOBAL NO-PELAR | ROSCA MÉTRICA - SERIE LIGERA - ASIENTO 24°**  
GLOBAL NO SKIVE - METRIC THREAD - LIGHT SERIES - 24° SEAT

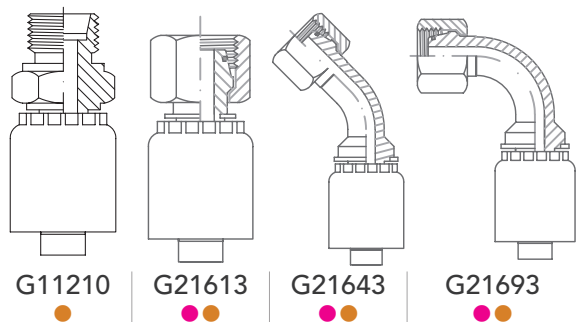
Mangueras:   
R1AT y R2AT



Ø Int. Mang. Ø Int. Hose	Rosca Mét. Met. Thread	Ø Tubo (mm) Ø Tube (mm)	Galga Dash
1/4"	12x1,5	6	04-12
1/4"	14x1,5	8	04-14
1/4"	16x1,5	10	04-16
1/4"	18x1,5	12	04-18
5/16"	14x1,5	8	05-14
5/16"	16x1,5	10	05-16
5/16"	18x1,5	12	05-18
3/8"	16x1,5	10	06-16
3/8"	18x1,5	12	06-18
3/8"	22x1,5	15	06-22


Ø Int. Mang. Ø Int. Hose	Rosca Mét. Met. Thread	Ø Tubo (mm) Ø Tube (mm)	Galga Dash
3/8"	22x1,5	15	06-22
1/2"	18x1,5	12	08-18
1/2"	22x1,5	15	08-22
1/2"	26x1,5	18	08-26
5/8"	26x1,5	18	10-26
5/8"	30x2	22	10-30
3/4"	26x1,5	18	12-26
3/4"	30x2	22	12-30
1"	36x2	28	16-36

**GLOBAL NO-PELAR | ROSCA MÉTRICA - SERIE PESADA - ASIENTO 24°**  
GLOBAL NO SKIVE - METRIC THREAD - HEAVY SERIES - 24° SEAT



Ø Int. Mang. Ø Int. Hose	Rosca Mét. Met. Thread	Ø Tubo (mm) Ø Tube (mm)	Galga Dash
1/4"	14x1,5	6	04-14
1/4"	16x1,5	8	04-16
1/4"	18x1,5	10	04-18
5/16"	16x1,5	8	05-16
5/16"	18x1,5	10	05-18
5/16"	20x1,5	12	05-20
3/8"	18x1,5	10	06-18
3/8"	20x1,5	12	06-20
3/8"	22x1,5	14	06-22


Ø Int. Mang. Ø Int. Hose	Rosca Mét. Met. Thread	Ø Tubo (mm) Ø Tube (mm)	Galga Dash
1/2"	22x1,5	14	08-22
1/2"	24x1,5	16	08-24
5/8"	30x2	20	10-30
3/4"	30x2	20	12-30
3/4"	33x1,5	25	12-33
3/4"	36x2	25	12-36
1"	36x2	25	16-36
1"	42x2	30	16-42
1"	52x2	38	16-52

Tuerca prensada Swaging nut  Multiespiral Multispiral  Tuerca desplazable Travelling nut  Tuerca engargolada Wire nut  Disponible en Inox. AISI-316

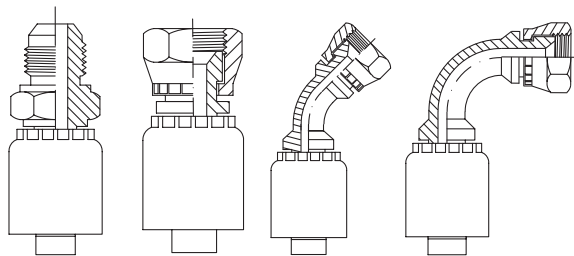


### GLOBAL NO-PELAR | ROSCA JIC

GLOBAL NO SKIVE - JIC THREAD

Mangueras: 

R1AT y R2AT



G12510



G22511



G22541



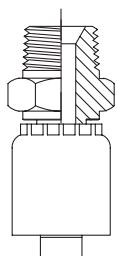
G22591



Ø Int. Mang. Ø Int. Hose	Rosca JIC JIC Thread	Galga Dash	Ø Int. Mang. Ø Int. Hose	Rosca JIC JIC Thread	Galga Dash	Ø Int. Mang. Ø Int. Hose	Rosca JIC JIC Thread	Galga Dash
1/4"	7/16"-20h	04-04	3/8"	5/8"-18h	06-07	5/8"	7/8"-14h	10-10
1/4"	1/2"-20h	04-05	3/8"	3/4"-16h	06-08	5/8"	1 1/16"-12h	10-12
1/4"	9/16"-18h	04-06	3/8"	7/8"-14h	06-10	3/4"	1 1/16"-12h	12-12
5/16"	1/2"-20h	05-05	1/2"	3/4"-16h	08-08	3/4"	1 3/16"-12h	12-14
5/16"	9/16"-18h	05-06	1/2"	7/8"-14h	08-10	3/4"	1 5/16"-12h	12-16
3/8"	9/16"-18h	06-06	1/2"	1 1/16"-12h	08-12	1"	1 5/16"-12h	16-16

### GLOBAL NO-PELAR | ROSCA NPT

GLOBAL NO SKIVE - NPT THREAD



G12810

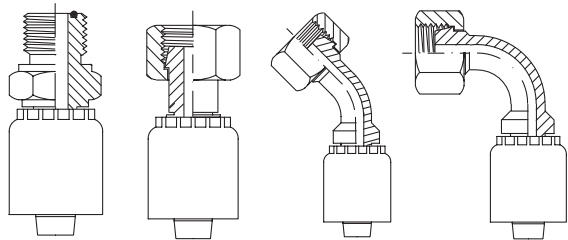


Ø Int. Mang. Ø Int. Hose	Rosca NPT NPT Thread	Galga Dash	Ø Int. Mang. Ø Int. Hose	Rosca NPT NPT Thread	Galga Dash
1/4"	1/4"-18h	04-04	1/2"	1/2"-14h	08-08
1/4"	3/8"-18h	04-06	1/2"	3/4"-14h	08-12
5/16"	1/4"-18h	05-04	5/8"	1/2"-14h	10-08
5/16"	3/8"-18h	05-06	5/8"	3/4"-14h	10-12
3/8"	1/4"-18h	06-04	3/4"	3/4"-14h	12-12
3/8"	3/8"-18h	06-06	3/4"	1"-11,5h	12-16
3/8"	1/2"-14h	06-08	1"	1"-11,5h	16-16
1/2"	3/8"-18h	08-06			

**GLOBAL NO-PELAR | ROSCA ORFS**

GLOBAL NO SKIVE - ORFS THREAD

Mangueras: **R1AT y R2AT**

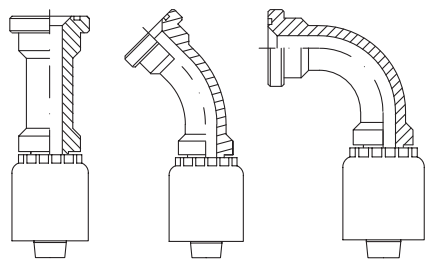


G12413 | G22413 | G22443 | G22493

Ø Int. Mang. Ø Int. Hose	Rosca ORFS ORFS Thread	Galga Dash	Ø Int. Mang. Ø Int. Hose	Rosca ORFS ORFS Thread	Galga Dash	Ø Int. Mang. Ø Int. Hose	Rosca ORFS ORFS Thread	Galga Dash
1/4"	9/16"-18h	04-04	1/2"	13/16"-16h	08-08	5/8"	1 3/16"-12h	10-12
1/4"	11/16"-16h	04-06	1/2"	1"-14h	08-10	3/4"	1 3/16"-12h	12-12
5/16"	11/16"-16h	05-06	1/2"	1 3/16"-12h	08-12	3/4"	1 7/16"-12h	12-16
3/8"	11/16"-16h	06-06	5/8"	1"-14h	10-10	1"	1 7/16"-12h	16-16
3/8"	13/16"-16h	06-08						

**GLOBAL NO-PELAR | BRIDAS 3000 PSI**

GLOBAL NO SKIVE - 3000 PSI FLANGES

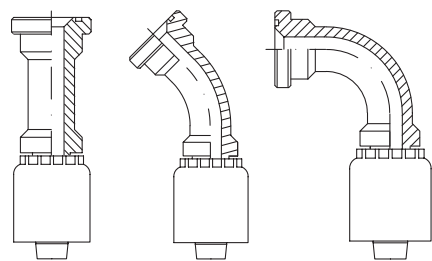


G23311 | G23341 | G23391

Ø Int. Mang. Ø Int. Hose	Brida Flange	Galga Dash
1/2"	1/2" Ø 30,4	08-08
1/2"	3/4" Ø 38,1	08-12
3/4"	3/4" Ø 38,1	12-12
3/4"	1" Ø 44,5	12-16
1"	1" Ø 44,5	16-16

**GLOBAL NO-PELAR | BRIDAS 6000 PSI**

GLOBAL NO SKIVE - 6000 PSI FLANGES



G23611 | G23641 | G23691

Ø Int. Mang. Ø Int. Hose	Brida Flange	Galga Dash
1/2"	1/2" Ø 31,8	08-08
1/2"	3/4" Ø 41,3	08-12
3/4"	3/4" Ø 41,3	12-12
3/4"	1" Ø 47,6	12-16
1"	1" Ø 47,6	16-16

Tuerca prensada Swaging nut | Multiespiral Multispiral | Tuerca desplazable Travelling nut | Tuerca engargolada Wire nut | Disponible en Inox. AISI-316

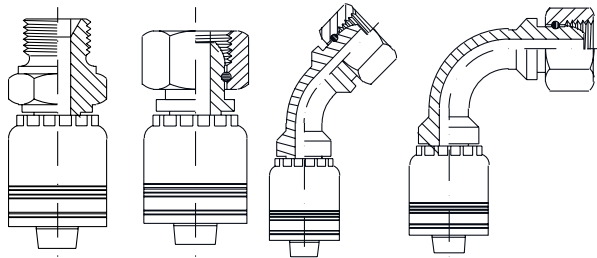


# RACORES PARA PRENSAR

FITTINGS FOR CRIMPING

## GLOBAL NO-PELAR | INTERLOCK - ROSCA BSP Y BSPT

GLOBAL NO SKIVE - INTERLOCK - BSP AND BSPT THREADS



G35510 | G45512 ● | G45542 ● | G45592 ●

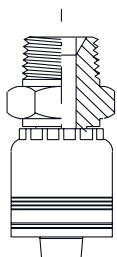
Mangueras: !

■ EN 856 4SH

■ SAE 100 R13

■ SAE 100 R15

Ø Int. Mang. Int. Hose	Rosca BSP BSP Thread	Galga Dash	Ø Int. Mang. Int. Hose	Rosca BSP BSP Thread	Galga Dash
3/4"	3/4"-14h	12-12NPG ■■	1 1/4"	1 1/4"-11h	20-20NPG ■ 20-20NPR ■■
3/4"	11-11h	12-16NPG ■■	1 1/4"	3/4"-14h	20-24NPG ■ 20-24NPR ■■
1"	1"-11h	16-16NPG ■■	1 1/2"	11-11h	24-24NPG ■ 24-24NPR ■■
1"	1 1/4"-11h	16-20NPG ■■	1 1/2"	1"-11h	24-32NPG ■ 24-32NPR ■■
			2"	1 1/4"-11h	32-32NPG ■ 32-32NPR ■■

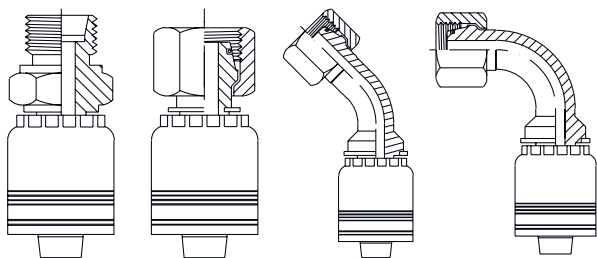


G35710

Rosca BSPT BSPT Thread	Galga Dash	Rosca BSPT BSPT Thread	Galga Dash
3/4"-14h	12-12NPG ■■	1 1/4"-11h	16-20NPG ■ 16-20NPR ■■
1"-11h	12-16NPG ■■	1 1/4"-11h	20-20NPG ■ 20-20NPR ■■
1"-11h	16-16NPG ■■	1 1/2"-11h	20-24NPG ■ 20-24NPR ■■
		1 1/2"-11h	24-24NPG ■ 24-24NPR ■■
		2"-11h	24-32NPG ■ 24-32NPR ■■
		2"-11h	32-32NPG ■ 32-32NPR ■■

## GLOBAL NO-PELAR | INTERLOCK - ROSCA MÉTRICA - SERIE PESADA - ASIENTO 24°

GLOBAL NO SKIVE - INTERLOCK - METRIC THREAD - HEAVY SERIES - 24° SEAT



G36210 | G46613 ●● | G46643 ●● | G46693 ●●

Ø Int. Mang. Int. Hose	Rosca Mét. Met. Thread	Ø Tubo Ø Tube	Galga Dash	Ø Int. Mang. Int. Hose	Rosca Mét. Met. Thread	Ø Tubo Ø Tube	Galga Dash
3/4"	30x2	20	12-30NPG ■■	1 1/4"	52x2	38	20-52NPG ■ 20-52NPR ■■
3/4"	36x2	25	12-36NPG ■■	1 1/2"	60x2	45	24-60NPG ■ 24-60NPR ■■
1"	42x2	30	16-42NPG ■■	2"	68x2	50	32-68NPG ■ 32-68NPR ■■

Tuerca prensada  
Swaging nut ●

Multiespiral  
Multispiral ●

Tuerca desplazable  
Travelling nut ●


Tuerca engargolada  
Wire nut ●

Disponible en  
Inox. AISI-316 ●

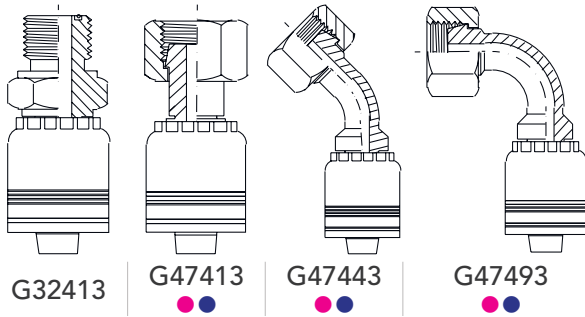




**GLOBAL NO-PELAR | INTERLOCK - ORFS**  
GLOBAL NO SKIVE - INTERLOCK - ORFS

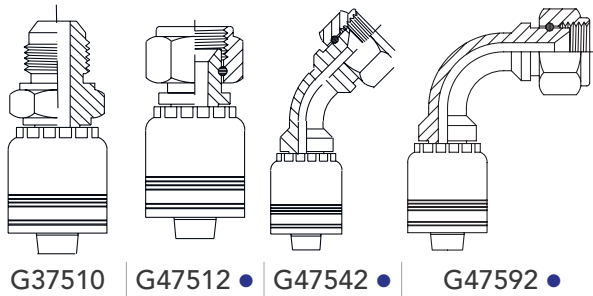
Mangueras: 

- EN 856 4SH
- SAE 100 R13
- SAE 100 R15

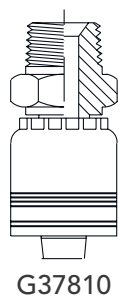


Ø Int. Mang. Int. Hose	Rosca ORFS ORFS Thread	Galga Dash	Ø Int. Mang. Int. Hose	Rosca ORFS ORFS Thread	Galga Dash
3/4"	1 3/16"-12h	12-12NPG <span style="color: red;">■</span> <span style="color: blue;">■</span>	1 1/4"	1 11/16"-12h	20-20NPG <span style="color: red;">■</span> 20-20NPR <span style="color: blue;">■</span> <span style="color: green;">■</span>
1"	1 7/16"-12h	16-16NPG <span style="color: red;">■</span> <span style="color: blue;">■</span>	1 1/2"	2"-12h	24-24NPG <span style="color: red;">■</span> 24-24NPR <span style="color: blue;">■</span> <span style="color: green;">■</span>

**GLOBAL NO-PELAR | INTERLOCK - ROSCA JIC Y NPT**  
GLOBAL NO SKIVE - INTERLOCK - ROSCA JIC Y NPT



Ø Int. Mang. Int. Hose	Rosca JIC JIC Thread	Galga Dash	Ø Int. Mang. Int. Hose	Rosca JIC JIC Thread	Galga Dash
3/4"	1 1/16"-12h	12-12NPG <span style="color: red;">■</span> <span style="color: blue;">■</span>	1 1/4"	1 5/8"-12h	20-20NPG <span style="color: red;">■</span> 20-20NPR <span style="color: blue;">■</span> <span style="color: green;">■</span>
3/4"	1 5/16"-12h	12-16NPG <span style="color: red;">■</span> <span style="color: blue;">■</span>	1 1/4"	1 7/8"-12h	20-24NPG <span style="color: red;">■</span> 20-24NPR <span style="color: blue;">■</span> <span style="color: green;">■</span>
1"	1 5/16"-12h	16-16NPG <span style="color: red;">■</span> <span style="color: blue;">■</span> <span style="color: green;">■</span>	1 1/2"	1 7/8"-12h	24-24NPG <span style="color: red;">■</span> 24-24NPR <span style="color: blue;">■</span> <span style="color: green;">■</span>
1"	1 5/8"-12h	16-20NPG <span style="color: red;">■</span> <span style="color: blue;">■</span> <span style="color: green;">■</span>	1 1/2"	2 1/2"-12h	24-32NPG <span style="color: red;">■</span> 24-32NPR <span style="color: blue;">■</span> <span style="color: green;">■</span>
			2"	2 1/2"-12h	32-32NPG <span style="color: red;">■</span> 32-32NPR <span style="color: blue;">■</span>



Rosca NPT NPT Thread	Galga Dash	Rosca NPT NPT Thread	Galga Dash
3/4"-14h	12-12NPG <span style="color: red;">■</span> <span style="color: blue;">■</span>	1 1/4"-11h	16-20NPG <span style="color: red;">■</span> 16-20NPR <span style="color: blue;">■</span> <span style="color: green;">■</span>
1"-11h	12-16NPG <span style="color: red;">■</span> <span style="color: blue;">■</span> <span style="color: green;">■</span>	1 1/4"-11h	20-20NPG <span style="color: red;">■</span> 20-20NPR <span style="color: blue;">■</span> <span style="color: green;">■</span>
1"-11h	16-16NPG <span style="color: red;">■</span> <span style="color: blue;">■</span> <span style="color: green;">■</span>	1 1/2"-11h	20-24NPG <span style="color: red;">■</span> 20-24NPR <span style="color: blue;">■</span> <span style="color: green;">■</span>
		1 1/2"-11h	24-24NPG <span style="color: red;">■</span> 24-24NPR <span style="color: blue;">■</span> <span style="color: green;">■</span>
		2"-11h	24-32NPG <span style="color: red;">■</span> 24-32NPR <span style="color: blue;">■</span> <span style="color: green;">■</span>
		2"-11h	32-32NPG <span style="color: red;">■</span> 32-32NPR <span style="color: blue;">■</span>

Tuerca prensada ● Swaging nut    Multiespiral ● Multispiral    Tuerca desplazable ● Travelling nut    Tuerca engargolada ● Wire nut    Disponible en ■ Inox. AISI-316





# RACORES PARA PRENSAR

## FITTINGS FOR CRIMPING


### GLOBAL NO-PELAR | INTERLOCK - BRIDAS 3000 PSI (SAE J 518)

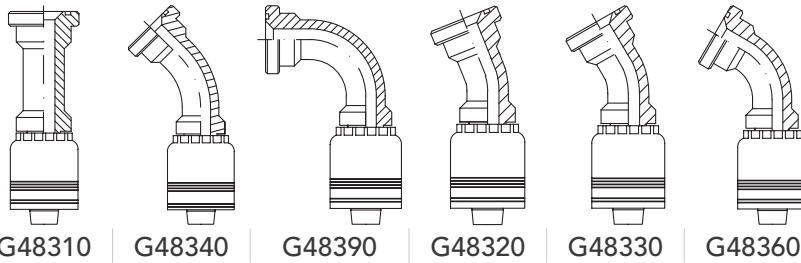
GLOBAL NO SKIVE - INTERLOCK - 3000 PSI FLANGES (SAE J 518)













Mangueras: 

 EN 856 4SH

 SAE 100 R13

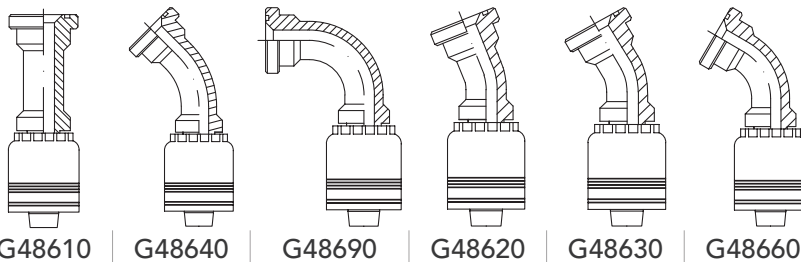
 SAE 100 R15















Ø Int. Tubo Int. Tube	Brida Flange	Galga Dash	Ø Int. Tubo Int. Tube	Brida Flange	Galga Dash
3/4"	3/4"	Ø 38,1 12-12NPG 	1 1/4"	1 1/4"	Ø 50,8 20-20NPG  20-20NPR 
3/4"	1"	Ø 44,5 12-16NPG 	1 1/4"	1 1/2"	Ø 60,3 20-24NPG  20-24NPR 
1"	1"	Ø 44,5 16-16NPG 	1 1/2"	1 1/2"	Ø 60,3 24-24NPG  24-24NPR 
1"	1 1/4"	Ø 50,8 16-20NPG 	1 1/2"	2"	Ø 71,4 32-32NPG  32-32NPR 

### GLOBAL NO-PELAR | INTERLOCK - BRIDAS 6000 PSI (SAE J 518)

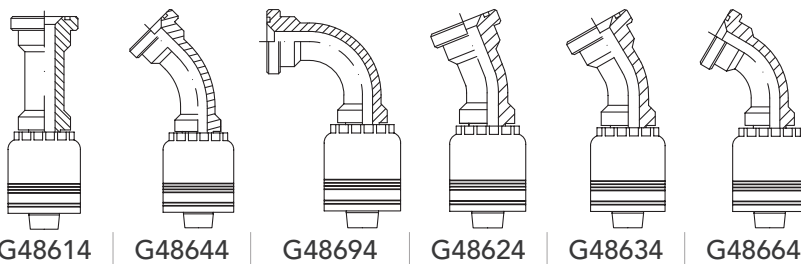
GLOBAL NO SKIVE - INTERLOCK - 6000 PSI FLANGES (SAE J 518)













Ø Int. Tubo Int. Tube	Brida Flange	Galga Dash	Ø Int. Tubo Int. Tube	Brida Flange	Galga Dash
3/4"	3/4"	Ø 41,3 12-12NPG 	1 1/4"	1 1/4"	Ø 54 20-20NPG  20-20NPR 
3/4"	1"	Ø 47,6 12-16NPG 	1 1/4"	1 1/2"	Ø 63,5 20-24NPG  20-24NPR 
1"	1"	Ø 47,6 16-16NPG 	1 1/2"	1 1/2"	Ø 63,5 24-24NPG  24-24NPR 
1"	1 1/4"	Ø 54 16-20NPG 	1 1/2"	2"	Ø 79,4 32-32NPG  32-32NPR 






### GLOBAL NO-PELAR | INTERLOCK - BRIDAS CARTERPILLAR

GLOBAL NO SKIVE - INTERLOCK - CATERPILLAR FLANGES



Ø Int. Tubo Int. Tube	Brida Flange	Galga Dash	Ø Int. Tubo Int. Tube	Brida Flange	Galga Dash
3/4"	3/4"	Ø 41,3 12-12NPG 	1 1/4"	1 1/4"	Ø 54 20-20NPG  20-20NPR 
3/4"	1"	Ø 47,6 12-16NPG 	1 1/4"	1 1/2"	Ø 63,5 20-24NPG  20-24NPR 
1"	1"	Ø 47,6 16-16NPG 	1 1/2"	1 1/2"	Ø 63,5 24-24NPG  24-24NPR 
1"	1 1/4"	Ø 54 16-20NPG 			



Tuerca prensada  Swaging nut    Multiespiral  Multispiral    Tuerca desplazable  Travelling nut    Tuerca engargolada  Wire nut    Disponible en  Inox. AISI-316

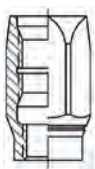
**MANGUITOS REUSABLES**  
REUSABLE NIPPLES



50100  
R1A



50200  
R2A



53100  
R1T



53200  
R2AT



50500  
R5-R5R

Ø Int. Tubo Int. Tube	Galga Dash	Ø Int. Tubo Int. Tube	Galga Dash	Ø Int. Tubo Int. Tube	Galga Dash	Ø Int. Tubo Int. Tube	Galga Dash
3/16"	04	13/32"	08	7/8"	16	1 1/2"	24
1/4"	04	1/2"	08	1"	16	1 13/16"	32
1/4"	05	1/2"	10	1 1/8"	20	2"	32
5/16"	05	5/8"	10	1 1/4"	20	2 3/8"	40
5/16"	06	5/8"	12	1 3/8"	24	3"	48
3/8"	06	3/4"	12				

**ADAPTADORES BSI 5200**

630	631	TMG	THG	TMG/E	THG/E	638	639	643	676
Pág. 52	Pág. 52	Pág. 52	Pág. 52	Pág. 52	Pág. 52	Pág. 52	Pág. 52	Pág. 53	Pág. 53
636	682	661	662	683	647	649/E	684	CMMG/90	691
Pág. 53	Pág. 53	Pág. 53	Pág.	Pág. 54	Pág. 54	Pág. 54	Pág. 54	Pág. 54	Pág. 54
CMHG/90	680	CHHG/90	687	CMMG/45	693	CMHG/45	654	690	692
Pág. 55	Pág. 55	Pág. 55	Pág. 55	Pág. 55	Pág. 55	Pág. 55	Pág. 55	Pág. 56	Pág. 56
681	663	698	665	666	670	671	672	673	674
Pág.	Pág. 56	Pág. 56	Pág. 56	Pág. 56	Pág. 56	Pág. 57	Pág. 57	Pág. 57	Pág. 57

**ADAPTADORES SAE J514**

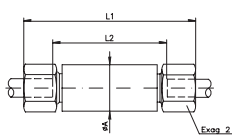
737	2762X	700	705	706	703	709	710	726	725
Pág. 57	Pág. 57	Pág. 58	Pág. 58	Pág. 58	Pág. 58	Pág. 58	Pág. 58	Pág. 58	Pág. 59
758	704G	728	761	771	781	718	717	716	727
Pág. 59	Pág. 59	Pág. 59	Pág. 59	Pág. 61	Pág. 60	Pág. 60	Pág. 60	Pág. 60	Pág.--
719	741	734	733	695	724	779	808		
Pág. 60	Pág. 60	Pág. 61	Pág. 61	Pág. 61	Pág. 61	Pág. 61	Pág. 61		

**ADAPTADORES ORFS**

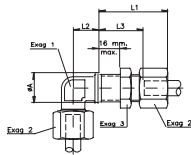
900	901	909	902	908	905	903	906	915	912
Pág. 62	Pág. 62	Pág. 62	Pág. 62	Pág. 62	Pág. 62	Pág. 62	Pág. 63	Pág. 63	Pág. 63
911	913	904	914	917	916				
Pág. 63	Pág. 63	Pág. 64	Pág. 64	Pág. 64	Pág. 64				

Añadir "AI" al final de la referencias para piezas en acero inoxidable.

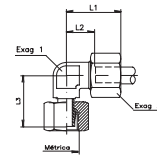
**ADAPTADORES DIN 2353**



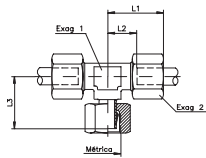
**34- Racor de unión para soldar en pasatabiques.**  
Pág. 94



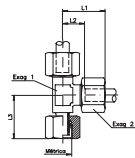
**35- Racor de unión, en codo pasatabiques.**  
Pág. 95



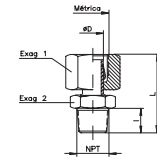
**36- Codo orientable.**  
Pág. 96



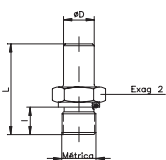
**37- "T" orientable.**  
Pág. 97



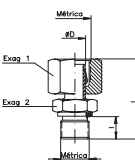
**38- "L" orientable.**  
Pág. 98



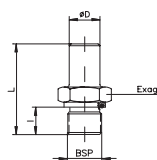
**39- Racor macho orientable con anillo y tuerca premontables, rosca NPT.**  
Pág. 99



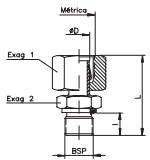
**40- Nipples de salida tubular con junta tórica, rosca métrica cilíndrica.**  
Pág. 100



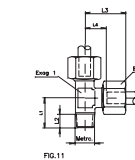
**41- Racor macho orientable con junta tórica, rosca métrica con anillo y tuerca**  
Pág. 101



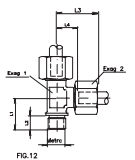
**42- Nipples de salida tubular con junta tórica, rosca GAS cilíndrica**  
Pág. 102



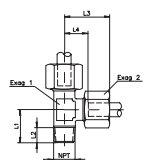
**43- Racor macho orientable con junta tórica, rosca GAS con anillo y tuerca.**  
Pág. 103



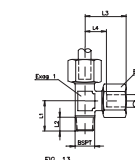
**44- Racor en "L", rosca métrica cónica**  
Pág. 104



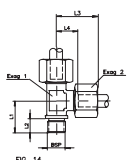
**45- Racor en "L", rosca métrica cilíndrica**  
Pág. 104



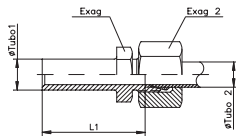
**46- Racor en "L", rosca NPT**  
Pág. 105



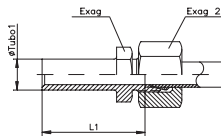
**47- Racor en "L", rosca GAS conica**  
Pág. 106



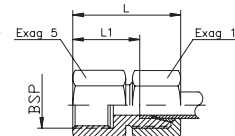
**48- Racor en "L", rosca GAS cilíndrica**  
Pág. 106



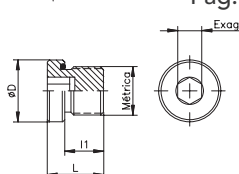
**49- Adaptador de reducción tubo macho / tubo hembra.**  
Pág. 107



**50- Racor recto hembra, rosca GAS cilíndrica.**  
Pág. 109

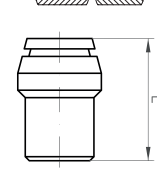


**51- Racor recto hembra, rosca métrica cilíndrica.**  
Pág. 110

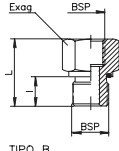
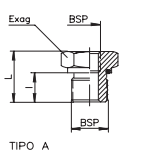


**52- Tapón macho para bloque, rosca métrica cilíndrica.**  
Pág. 111

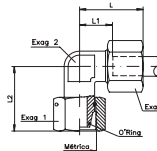
**53- Tapón macho para bloque, rosca GAS cilíndrica.**  
Pág. 111



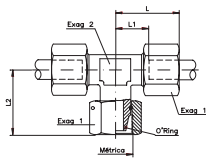
**54- Tapón obturador.**  
Pág. 112



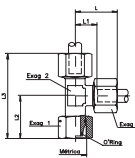
**55- Reducción macho/hembra, rosca GAS cilíndrica con junta tórica.**  
Pág. 113



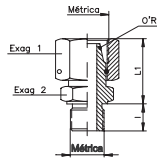
**56- Codo orientable hembra con junta tórica.**  
Pág. 114



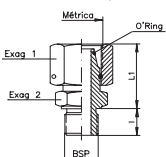
**57- "T" orientable hembra con junta tórica.**  
Pág. 115



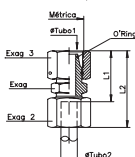
**58- "L" reversible orientable hembra con junta tórica.**  
Pág. 116



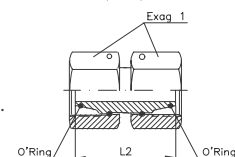
**59- Racor macho orientable con junta tórica, rosca métrica cilíndrica.**  
Pág. 117



**60- Racor macho orientable con junta tórica, rosca GAS cilíndrica.**  
Pág. 118



**61- Adaptador de reducción con junta tórica.**  
Pág. 119



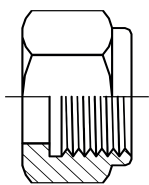
**62- Unión doble con junta tórica.**  
Pág. 121

Añadir "AI" al final de las referencias para piezas en acero inoxidable.

**ADAPTADORES BSI 5200**

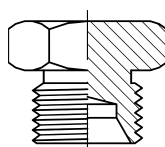
Tuerca

Ref: 630	Galga	Rosca BSP
	04	1/4"-19h
	06	3/8"-19h
	08	1/2"-14h
	12	3/4"-14h
	16	1"-11h
	20	1 1/4"-11h
	24	1 1/2"-11h
	32	2"-11h
	40	2 1/2"-11h
	48	3"-11h



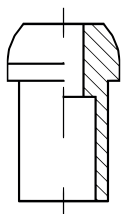
Tapón macho con cono

Ref: TMG/E	Galga	Rosca BSP
	02	1/8"-28h
	04	1/4"-19h
	06	3/8"-19h
	08	1/2"-14h
	12	3/4"-14h
	16	1"-11h
	20	1 1/4"-11h
	24	1 1/2"-11h
	32	2"-11h



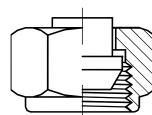
Boquilla

Ref: 631	Galga	Rosca BSP
	04	1/4"-19h
	06	3/8"-19h
	08	1/2"-14h
	12	3/4"-14h
	16	1"-11h
	20	1 1/4"-11h
	24	1 1/2"-11h
	32	2"-11h
	40	2 1/2"-11h
	48	3"-11h



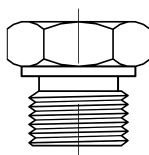
Tapón hembra

Ref: THG/E	Galga	Rosca BSP
	04	1/4"-19h
	06	3/8"-19h
	08	1/2"-14h
	12	3/4"-14h
	16	1"-11h
	20	1 1/4"-11h
	24	1 1/2"-11h
	32	2"-11h



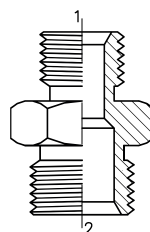
Tapón macho

Ref: TMG	Galga	Rosca BSP
	02	1/8"-28h
	04	1/4"-19h
	06	3/8"-19h
	08	1/2"-14h
	12	3/4"-14h
	16	1"-11h
	20	1 1/4"-11h
	24	1 1/2"-11h
	32	2"-11h



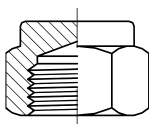
Reducción macho doble

Ref: 638	Galga	R. BSP 1	R. BSP 2
	04-06	1/4"-19h	3/8"-19h
	06-08	3/8"-19h	1/2"-14h
	08-12	1/2"-14h	3/4"-14h
	10-12	5/8"-14h	3/4"-14h
	12-16	3/4"-14h	1"-11h
	16-20	1"-11h	1 1/4"-11h
	20-24	1 1/4"-11h	1 1/2"-11h
	24-32	1 1/2"-11h	2"-11h



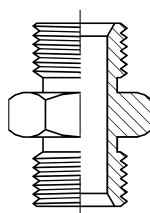
Tapón hembra

Ref: THG	Galga	Rosca BSP
	02	1/8"-28h
	04	1/4"-19h
	06	3/8"-19h
	08	1/2"-14h
	12	3/4"-14h
	16	1"-11h
	20	1 1/4"-11h
	24	1 1/2"-11h
	32	2"-11h



Macho doble recto

Ref: 639	Galga	Rosca BSP	Rosca BSP
	04-04	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h
	10-10	5/8"-14h	5/8"-14h
	12-12	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h
	20-20	1 1/4"-11h	1 1/4"-11h
	24-24	1 1/2"-11h	1 1/2"-11h
	32-32	2"-11h	2"-11h



Añadir "AI" al final de la referencias para piezas en acero inoxidable.

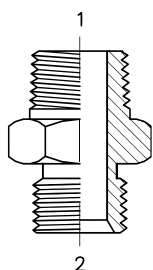




**ADAPTADORES BSI 5200**

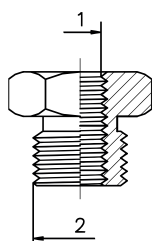
Macho doble recto

Ref: 643	Galga	R. BSPT 1	R. BSP 2
	04-04	1/4"-19h	1/4"-19h
	04-06	1/4"-19h	3/8"-19h
	06-06	3/8"-19h	3/8"-19h
	06-08	3/8"-19h	1/2"-14h
	08-08	1/2"-14h	1/2"-14h
	08-12	1/2"-14h	3/4"-14h
	12-12	3/4"-14h	3/4"-14h
	12-16	3/4"-14h	1"-11h
	16-16	1"-11h	1"-11h
	16-20	1"-11h	1 1/4"-11h
	20-20	1 1/4"-11h	1 1/4"-11h
	20-24	1 1/4"-11h	1 1/2"-11h
	24-24	1 1/2"-11h	1 1/2"-11h
	24-32	1 1/2"-11h	2"-11h
	32-32	2"-11h	2"-11h



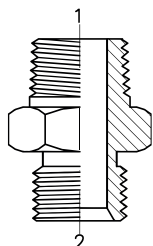
Reducción macho-hembra

Ref: 682	Galga	R. BSP 1	R. BSP 2
	02-04	1/8"-28h	1/4"-19h
	02-06	1/8"-28h	3/8"-19h
	04-06	1/4"-19h	3/8"-19h
	04-08	1/4"-19h	1/2"-14h
	06-08	3/8"-19h	1/2"-14h
	06-12	3/8"-19h	3/4"-14h
	08-12	1/2"-14h	3/4"-14h
	08-16	1/2"-14h	1"-11h
	12-16	3/4"-14h	1"-11h
	12-20	3/4"-14h	1 1/4"-11h
	16-20	1"-11h	1 1/4"-11h
	16-24	1"-11h	1 1/2"-11h
	20-24	1 1/4"-11h	1 1/2"-11h
	24-32	1 1/2"-11h	2"-11h



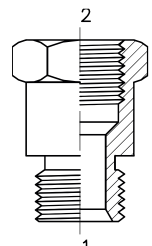
Macho doble

Ref: 676	Galga	R. NPT 1	R. BSP 2
	04-04	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h
	12-12	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h
	20-20	1 1/4"-11h	1 1/4"-11h
	24-24	1 1/2"-11h	1 1/2"-11h
	32-32	2"-11h	2"-11h



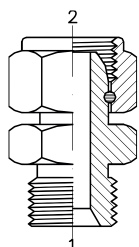
Macho a hembra fija

Ref: 661	Galga	R. BSP 1	R. BSP 2
	04-04	1/4"-19h	1/4"-19h
	04-06	1/4"-19h	3/8"-19h
	06-06	3/8"-19h	3/8"-19h
	06-08	3/8"-19h	1/2"-14h
	08-08	1/2"-14h	1/2"-14h
	08-12	1/2"-14h	3/4"-14h
	12-12	3/4"-14h	3/4"-14h
	12-16	3/4"-14h	1"-11h
	16-16	1"-11h	1"-11h
	16-20	1"-11h	1 1/4"-11h
	20-20	1 1/4"-11h	1 1/4"-11h
	20-24	1 1/4"-11h	1 1/2"-11h
	24-24	1 1/2"-11h	1 1/2"-11h
	24-32	1 1/2"-11h	2"-11h
	32-32	2"-11h	2"-11h



Macho - T.G. Recta

Ref: 636	Galga	R. BSP 1	R. BSP 2
	04-04	1/4"-19h	1/4"-19h
	04-06	1/4"-19h	3/8"-19h
	06-06	3/8"-19h	3/8"-19h
	06-08	3/8"-19h	1/2"-14h
	08-08	1/2"-14h	1/2"-14h
	08-12	1/2"-14h	3/4"-14h
	12-12	3/4"-14h	3/4"-14h
	12-16	3/4"-14h	1"-11h
	16-16	1"-11h	1"-11h
	20-20	1 1/4"-11h	1 1/4"-11h
	24-24	1 1/2"-11h	1 1/2"-11h

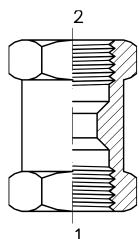


Añadir "AI" al final de las referencias para piezas en acero inoxidable.

**ADAPTADORES BSI 5200**

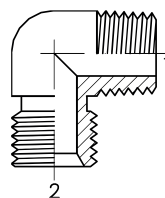
Hembra Fija doble recta

Ref: 662	Galga	R. BSP 1	R. BSP 2
	04-04	1/4"-19h	1/4"-19h
	04-06	1/4"-19h	3/8"-19h
	06-06	3/8"-19h	3/8"-19h
	06-08	3/8"-19h	1/2"-14h
	08-08	1/2"-14h	1/2"-14h
	08-12	1/2"-14h	3/4"-14h
	12-12	3/4"-14h	3/4"-14h
	12-16	3/4"-14h	1"-11h
	16-16	1"-11h	1"-11h
	16-20	1"-11h	1 1/4"-11h
	20-20	1 1/4"-11h	1 1/4"-11h
	20-24	1 1/4"-11h	1 1/2"-11h
	24-24	1 1/2"-11h	1 1/2"-11h
	24-32	1 1/2"-11h	2"-11h
	32-32	2"-11h	2"-11h



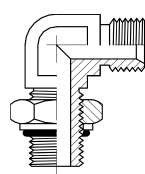
Macho doble 90° (ESTAMPADO)

Ref: 649/E	Galga	R. BSPT 1	R. BSP 2
	04-04	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h
	12-12	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h
	20-20	1 1/4"-11h	1 1/4"-11h
	24-24	1 1/2"-11h	1 1/2"-11h
	32-32	2"-11h	2"-11h



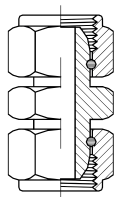
Macho Orientable 90°

Ref: 684	Galga	R. BSP	R. BSP
	04-04	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h
	12-12	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h



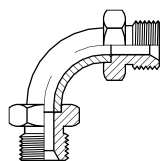
T. G. Doble Recta

Ref: 683	Galga	R. BSP	R. BSP
	04-04	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h
	12-12	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h
	20-20	1 1/4"-11h	1 1/4"-11h
	24-24	1 1/2"-11h	1 1/2"-11h



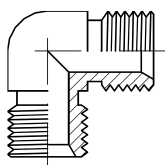
Macho Doble a 90°

Ref: CMMG/90	Galga	R. BSP	R. BSP
	04-04	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h
	12-12	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h



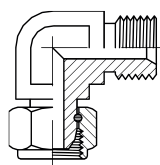
Macho doble 90° (ESTAMPADO)

Ref: 647/E	Galga	R. BSP	R. BSP
	04-04	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h
	12-12	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h
	20-20	1 1/4"-11h	1 1/4"-11h
	24-24	1 1/2"-11h	1 1/2"-11h
	32-32	2"-11h	2"-11h



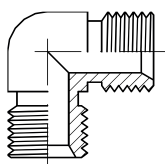
Codo 90° M - Tuerca giratoria (ESTAMPADO)

Ref: 691/E	Galga	R. BSP	R. BSP
	04-04	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h
	12-12	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h
	20-20	1 1/4"-11h	1 1/4"-11h
	24-24	1 1/2"-11h	1 1/2"-11h
	32-32	2"-11h	2"-11h



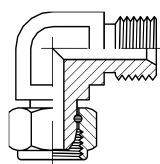
Macho doble 90° (SOLDADO)

Ref: 647	Galga	R. BSP	R. BSP
	04-04	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h
	12-12	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h
	20-20	1 1/4"-11h	1 1/4"-11h
	24-24	1 1/2"-11h	1 1/2"-11h
	32-32	2"-11h	2"-11h



Codo 90° M - Tuerca giratoria (SOLDADO)

Ref: 691	Galga	R. BSP	R. BSP
	04-04	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h
	12-12	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h
	20-20	1 1/4"-11h	1 1/4"-11h
	24-24	1 1/2"-11h	1 1/2"-11h
	32-32	2"-11h	2"-11h



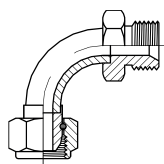
Añadir "AI" al final de las referencias para piezas en acero inoxidable.



## ADAPTADORES BSI 5200

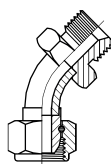
Macho - T. G. a 90°

Ref: CMHG/90	Galga	R. BSP	R. BSP
	04-04	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h
	12-12	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h



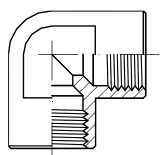
Macho - T. G. a 45°

Ref: CMHG/45	Galga	R. BSP	R. BSP
	04-04	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h
	12-12	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h



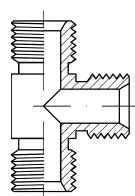
Codo 90° Hembra Fija

Ref: 680	Galga	R. BSP	R. BSP
	04-04	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h
	12-12	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h



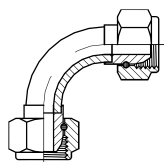
"T" Macho (ESTAMPADO)

Ref: 654/E	Galga	R. BSP	R. BSP	R. BSP
	04-04	1/4"-19h	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h	1/2"-14h
	12-12	3/4"-14h	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h	1"-11h
	20-20	1 1/4"-11h	1 1/4"-11h	1 1/4"-11h
	24-24	1 1/2"-11h	1 1/2"-11h	1 1/2"-11h
	32-32	2"-11h	2"-11h	2"-11h



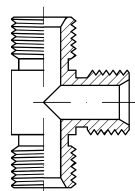
Codo 90° Tuerca giratoria - tuerca giratoria

Ref: CHHG/90	Galga	R. BSP	R. BSP
	04-04	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h
	12-12	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h



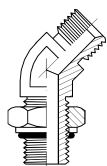
"T" Macho (SOLDADO)

Ref: 654	Galga	R. BSP	R. BSP	R. BSP
	04-04	1/4"-19h	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h	1/2"-14h
	12-12	3/4"-14h	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h	1"-11h
	20-20	1 1/4"-11h	1 1/4"-11h	1 1/4"-11h
	24-24	1 1/2"-11h	1 1/2"-11h	1 1/2"-11h
	32-32	2"-11h	2"-11h	2"-11h



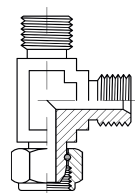
Macho Orientable 45°

Ref: 687	Galga	R. BSP	R. BSP
	04-04	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h
	12-12	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h



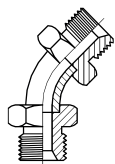
"T" Macho T. G. Lateral (ESTAMPADO)

Ref: 690/E	Galga	R. BSP	R. BSP	R. BSP
	04-04	1/4"-19h	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h	1/2"-14h
	12-12	3/4"-14h	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h	1"-11h
	20-20	1 1/4"-11h	1 1/4"-11h	1 1/4"-11h
	24-24	1 1/2"-11h	1 1/2"-11h	1 1/2"-11h
	32-32	2"-11h	2"-11h	2"-11h



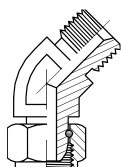
Codo 45° Macho doble

Ref: CMMG/45	Galga	R. BSP	R. BSP
	04-04	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h
	12-12	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h



Macho - T. G. a 45°

Ref: 693	Galga	R. BSP	R. BSP
	04-04	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h
	12-12	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h

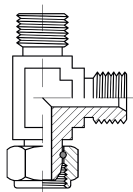


Añadir "AI" al final de las referencias para piezas en acero inoxidable.

**ADAPTADORES BSI 5200**

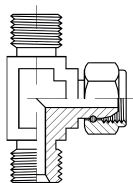
“T” Macho-T.G. Lateral (SOLDADO)

Ref: 690	Galga	R. BSP	R. BSP	R. BSP
	04-04	1/4"-19h	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h	1/2"-14h
	12-12	3/4"-14h	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h	1"-11h
	20-20	1 1/4"-11h	1 1/4"-11h	1 1/4"-11h
	24-24	1 1/2"-11h	1 1/2"-11h	1 1/2"-11h
	32-32	2"-11h	2"-11h	2"-11h



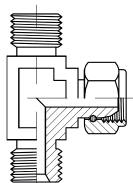
“T” Macho T.G. Central (ESTAMPADO)

Ref: 692/E	Galga	R. BSP	R. BSP	R. BSP
	04-04	1/4"-19h	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h	1/2"-14h
	12-12	3/4"-14h	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h	1"-11h
	20-20	1 1/4"-11h	1 1/4"-11h	1 1/4"-11h
	24-24	1 1/2"-11h	1 1/2"-11h	1 1/2"-11h
	32-32	2"-11h	2"-11h	2"-11h



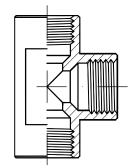
“T” Macho T.G. Central (SOLDADO)

Ref: 692	Galga	R. BSP	R. BSP	R. BSP
	04-04	1/4"-19h	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h	1/2"-14h
	12-12	3/4"-14h	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h	1"-11h
	20-20	1 1/4"-11h	1 1/4"-11h	1 1/4"-11h
	24-24	1 1/2"-11h	1 1/2"-11h	1 1/2"-11h
	32-32	2"-11h	2"-11h	2"-11h



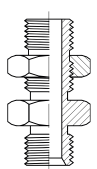
“T” Hembra Fija

Ref: 681	Galga	R. BSP	R. BSP	R. BSP
	04-04	1/4"-19h	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h	1/2"-14h
	12-12	3/4"-14h	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h	1"-11h



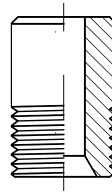
Pasatabique recto

Ref: 663	Galga	R. BSP	R. BSP
	04-04	1/4"-19h	1/4"-19h
	06-06	3/8"-19h	3/8"-19h
	08-08	1/2"-14h	1/2"-14h
	12-12	3/4"-14h	3/4"-14h
	16-16	1"-11h	1"-11h



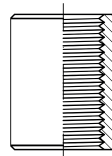
Macho para soldar

Ref: 698	Galga	Rosca BSP
	02-02	1/8"-19h
	04-04	1/4"-19h
	06-06	3/8"-19h
	08-08	1/2"-14h
	12-12	3/4"-14h
	16-16	1"-11h
	20-20	1 1/4"-11h
	24-24	1 1/2"-11h
	32-32	2"-11h



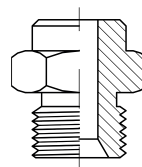
Manguito hembra

Ref: 665N	Galga	Rosca BSP
	04-04	1/4"-19h
	06-06	3/8"-19h
	08-08	1/2"-14h
	12-12	3/4"-14h
	16-16	1"-11h
	20-20	1 1/4"-11h
	24-24	1 1/2"-11h
	32-32	2"-11h
	32-32	2"-11h



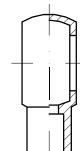
Empalme

Ref: 666	Galga	Rosca BSP
	04-04	1/4"-19h
	06-06	3/8"-19h
	08-08	1/2"-14h
	12-12	3/4"-14h
	16-16	1"-11h
	20-20	1 1/4"-11h
	24-24	1 1/2"-11h
	32-32	2"-11h
	40-40	2 1/2"-11h
	48-48	3"-11h



Orientable a soldadura

Ref: 670	Galga	Rosca BSP
	14-14	1/4"
	17-17	3/8"
	21-21	1/2"
	25-27	3/4"
	30-34	1"

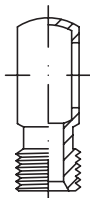


Añadir "AI" al final de la referencias para piezas en acero inoxidable.

**ADAPTADORES BSI 5200**

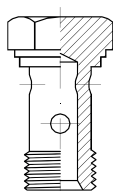
## Orientable Roscado

Ref: 671	Galga	Rosca BSP
	04-04	1/4"
	06-06	3/8"
	08-08	1/2"
	12-12	3/4"
	16-16	1"



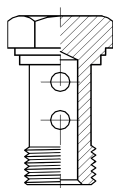
## Tornillo Hueco

Ref: 672	Galga	Rosca BSP
	14-14	1/4"
	38-17	3/8"
	12-21	1/2"
	34-27	3/4"
	10-34	1"



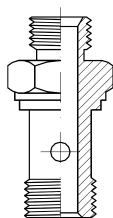
## Tornillo Hueco Doble

Ref: 673	Galga	Rosca BSP
	04-04	1/4"
	06-06	3/8"
	08-08	1/2"
	12-12	3/4"
	16-16	1"



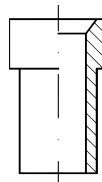
## Tornillo prolongación

Ref: 674	Galga	Rosca BSP
	04-04	1/4"-1/4"
	06-04	3/8"-1/4"
	06-06	3/8"-3/8"
	08-06	1/2"-3/8"
	08-08	1/2"-1/2"
	12-08	3/4"-1/2"
	12-12	3/4"-3/4"
	16-12	1"-3/4"
	16-16	1"-1"


**ADAPTADORES SAE J514**

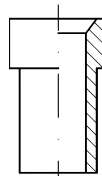
## Férula tubo pulgadas

Ref: 737	Galga	Ø Tubo
	04-04	1/4"
	05-05	5/16"
	06-06	3/8"
	08-08	1/2"
	10-10	5/8"
	12-12	3/4"
	16-16	1"
	20-20	1 1/4"
	24-24	1 1/2"



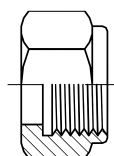
## Férula tubo milimétrico

Ref: 737	Galga	Ø Tubo
	00-06	Ø 6
	00-08	Ø 8
	00-10	Ø 10
	00-12	Ø 12
	00-16	Ø 16
	00-20	Ø 20
	00-25	Ø 25
	00-32	Ø 32
	00-38	Ø 38



## Tuerca

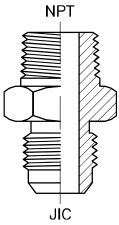
Ref.	Rosca Tubo	Tubo	Ø Tubo
27621	7/16"-20h	1/4"	6
27622	1/2"-20h	5/16"	8
27623	9/16"-18h	3/8"	10
27624	3/4"-16h	1/2"	14
27625	7/8"-14h	5/8"	6
27626	1 1/16"-12h	3/4"	20
27627	1 5/16"-12h	1"	25
27628	1 5/8"-12h	1 1/4"	32
27629	1 7/8"-12h	1 1/2"	38



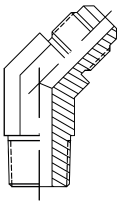
Añadir "AI" al final de las referencias para piezas en acero inoxidable.

**ADAPTADORES SAE J514**

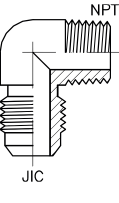
**Macho doble**

Ref: 700	Galga	R. NPT	R. JIC
	04-04	1/4"-18h	7/16"-20h
	04-05	1/4"-18h	1/2"-20h
	04-06	1/4"-18h	9/16"-18h
	06-06	3/8"-18h	9/16"-18h
	06-08	3/8"-18h	3/4"-16h
	08-08	1/2"-14h	3/4"-16h
	08-10	1/2"-14h	7/8"-14h
	08-12	1/2"-14h	1 1/16"-12h
	12-12	3/4"-14h	1 1/16"-12h
	12-16	3/4"-14h	1 5/16"-12h
	16-16	1"-11,5h	1 5/16"-12h
	20-20	1 1/4"-11,5h	1 5/8"-12h
	24-24	1 1/2"-11,5h	1 7/8"-12h

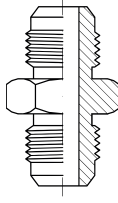
**Macho doble a 45°**

Ref: 705	Galga	R. NPT	R. JIC
	04-04	1/4"-18h	7/16"-20h
	04-05	1/4"-18h	1/2"-20h
	04-06	1/4"-18h	9/16"-18h
	06-06	3/8"-18h	9/16"-18h
	06-08	3/8"-18h	3/4"-16h
	08-08	1/2"-14h	3/4"-16h
	08-10	1/2"-14h	7/8"-14h
	08-12	1/2"-14h	1 1/16"-12h
	12-12	3/4"-14h	1 1/16"-12h
	12-16	3/4"-14h	1 5/16"-12h
	16-16	1"-11,5h	1 5/16"-12h
	20-20	1 1/4"-11,5h	1 5/8"-12h
	24-24	1 1/2"-11,5h	1 7/8"-12h

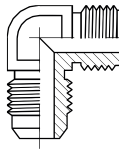
**Codo 90° Macho**

Ref: 706	Galga	R. NPT	R. JIC
	04-04	1/4"-18h	7/16"-20h
	04-05	1/4"-18h	1/2"-20h
	04-06	1/4"-18h	9/16"-18h
	06-06	3/8"-18h	9/16"-18h
	06-08	3/8"-18h	3/4"-16h
	08-08	1/2"-14h	3/4"-16h
	08-10	1/2"-14h	7/8"-14h
	08-12	1/2"-14h	1 1/16"-12h
	12-12	3/4"-14h	1 1/16"-12h
	12-16	3/4"-14h	1 5/16"-12h
	16-16	1"-11,5h	1 5/16"-12h
	20-20	1 1/4"-11,5h	1 5/8"-12h
	24-24	1 1/2"-11,5h	1 7/8"-12h

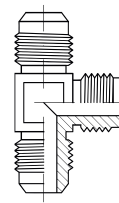
**Macho doble recto**

Ref: 703	Galga	R. JIC	R. JIC
	04-04	7/16"-20h	7/16"-20h
	05-05	1/2"-20h	1/2"-20h
	06-06	9/16"-18h	9/16"-18h
	08-08	3/4"-16h	3/4"-16h
	10-10	7/8"-14h	7/8"-14h
	12-12	1 1/16"-12h	1 1/16"-12h
	16-16	1 5/16"-12h	1 5/16"-12h
	20-20	1 5/8"-12h	1 5/8"-12h
	24-24	1 7/8"-12h	1 7/8"-12h

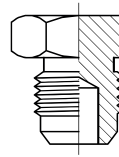
**Macho doble a 90°**

Ref: 709	Galga	R. JIC	R. JIC
	04-04	7/16"-20h	7/16"-20h
	05-05	1/2"-20h	1/2"-20h
	06-06	9/16"-18h	9/16"-18h
	08-08	3/4"-16h	3/4"-16h
	10-10	7/8"-14h	7/8"-14h
	12-12	1 1/16"-12h	1 1/16"-12h
	16-16	1 5/16"-12h	1 5/16"-12h
	20-20	1 5/8"-12h	1 5/8"-12h
	24-24	1 7/8"-12h	1 7/8"-12h

**Macho doble a 90°**

Ref: 710	Galga	R. JIC
	04-04	7/16"-20h
	05-05	1/2"-20h
	06-06	9/16"-18h
	08-08	3/4"-16h
	10-10	7/8"-14h
	12-12	1 1/16"-12h
	16-16	1 5/16"-12h
	20-20	1 5/8"-12h
	24-24	1 7/8"-12h

**Tapón Macho**

Ref: 726	Galga	R. JIC
	04-04	7/16"-20h
	05-05	1/2"-20h
	06-06	9/16"-18h
	08-08	3/4"-16h
	10-10	7/8"-14h
	12-12	1 1/16"-12h
	16-16	1 5/16"-12h
	20-20	1 5/8"-12h
	24-24	1 7/8"-12h

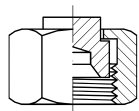


Añadir "AI" al final de la referencias para piezas en acero inoxidable.

**ADAPTADORES SAE J514**

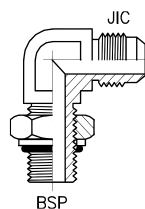
Tapón Hembra

Ref: 725	Galga	R. JIC
	04-04	7/16"-20h
	05-05	1/2"-20h
	06-06	9/16"-18h
	08-08	3/4"-16h
	10-10	7/8"-14h
	12-12	1 1/16"-12h
	16-16	1 5/16"-12h
	20-20	1 5/8"-12h
	24-24	1 7/8"-12h



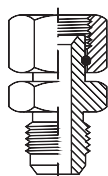
Orientable 90°

Ref: 728	Galga	R. BSP	R. JIC
	04-04	1/4"-19h	7/16"-20h
	04-05	1/4"-19h	1/2"-20h
	04-06	1/4"-19h	9/16"-18h
	06-06	3/8"-19h	9/16"-18h
	06-08	3/8"-19h	3/4"-16h
	08-06	1/2"-14h	9/16"-18h
	08-08	1/2"-14h	3/4"-16h
	08-10	1/2"-14h	7/8"-14h
	12-12	3/4"-14h	1 1/16"-12h
	12-16	3/4"-14h	1 5/16"-12h
	16-16	1"-11h	1 5/16"-12h
	16-12	1"-11h	1 1/16"-12h



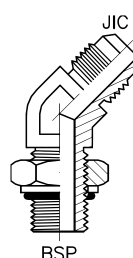
T.G. a macho recto

Ref: 758	Galga	R. JIC	R. JIC
	04-04	7/16"-20h	7/16"-20h
	05-05	1/2"-20h	1/2"-20h
	06-06	9/16"-18h	9/16"-18h
	08-08	3/4"-16h	3/4"-16h
	10-10	7/8"-14h	7/8"-14h
	12-12	1 1/16"-12h	1 1/16"-12h
	16-16	1 5/16"-12h	1 5/16"-12h
	20-20	1 5/8"-12h	1 5/8"-12h
	24-24	1 7/8"-12h	1 7/8"-12h



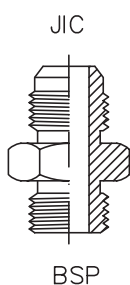
Orientable 45°

Ref: 761	Galga	R. BSP	R. JIC
	04-04	1/4"-19h	7/16"-20h
	04-05	1/4"-19h	1/2"-20h
	04-06	1/4"-19h	9/16"-18h
	06-06	3/8"-19h	9/16"-18h
	06-08	3/8"-19h	3/4"-16h
	08-06	1/2"-14h	9/16"-18h
	08-08	1/2"-14h	3/4"-16h
	08-10	1/2"-14h	7/8"-14h
	12-12	3/4"-14h	1 1/16"-12h
	12-16	3/4"-14h	1 5/16"-12h
	16-16	1"-11h	1 5/16"-12h
	16-12	1"-11h	1 1/16"-12h



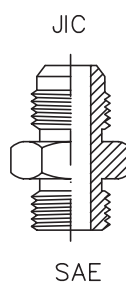
Macho doble recto (JIC - BSP)

Ref: 704-G	Galga	R. JIC	R. BSP
	04-04	7/16"-20h	1/4"-19h
	04-05	1/2"-20h	1/4"-19h
	04-06	9/16"-18h	1/4"-19h
	06-06	9/16"-18h	3/8"-19h
	06-08	3/4"-16h	3/8"-19h
	08-06	9/16"-18h	1/2"-14h
	08-08	3/4"-16h	1/2"-14h
	08-10	7/8"-14h	1/2"-14h
	12-12	1 1/16"-12h	3/4"-14h
	12-16	1 5/16"-12h	3/4"-14h
	16-16	1 5/16"-12h	1"-11h
	16-12	1 1/16"-12h	1"-11h



Macho doble recto (JIC - SAE)

Ref: 704	Galga	R. JIC	R. SAE
	04-04	7/16"-20h	7/16"-20h
	04-05	1/2"-20h	1/2"-20h
	04-06	9/16"-18h	9/16"-18h
	06-06	9/16"-18h	9/16"-18h
	06-08	3/4"-16h	3/4"-16h
	08-06	9/16"-18h	9/16"-18h
	08-08	3/4"-16h	3/4"-16h
	08-10	7/8"-14h	7/8"-14h
	12-12	1 1/16"-12h	1 1/16"-12h
	12-16	1 5/16"-12h	1 5/16"-12h
	16-16	1 5/16"-12h	1 5/16"-12h
	16-12	1 1/16"-12h	1 1/16"-12h

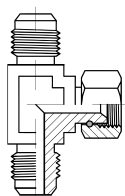


Añadir "AI" al final de las referencias para piezas en acero inoxidable.

**ADAPTADORES SAE J514**

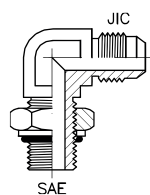
“T” Macho T.G. Central

Ref: 781	Galga	R. JIC	R. JIC
	04-04	7/16"-20h	7/16"-20h
	05-05	1/2"-20h	1/2"-20h
	06-06	9/16"-18h	9/16"-18h
	08-08	3/4"-16h	3/4"-16h
	10-10	7/8"-14h	7/8"-14h
	12-12	1 1/16"-12h	1 1/16"-12h
	16-16	1 5/16"-12h	1 5/16"-12h
	20-20	1 5/8"-12h	1 5/8"-12h
	24-24	1 7/8"-12h	1 7/8"-12h



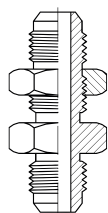
Macho orientable 90°

Ref: 727	Galga	R. SAE	R. JIC
	04-04	7/16"-20h	7/16"-20h
	05-05	1/2"-20h	1/2"-20h
	06-06	9/16"-18h	9/16"-18h
	08-08	3/4"-16h	3/4"-16h
	10-10	7/8"-14h	7/8"-14h
	12-12	1 1/16"-12h	1 1/16"-12h
	16-16	1 5/16"-12h	1 5/16"-12h
	20-20	1 5/8"-12h	1 5/8"-12h
	24-24	1 7/8"-12h	1 7/8"-12h



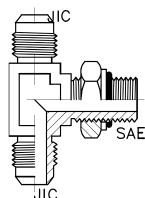
Pasatabique recto

Ref: 718	Galga	R. JIC	R. JIC
	04-04	7/16"-20h	7/16"-20h
	05-05	1/2"-20h	1/2"-20h
	06-06	9/16"-18h	9/16"-18h
	08-08	3/4"-16h	3/4"-16h
	10-10	7/8"-14h	7/8"-14h
	12-12	1 1/16"-12h	1 1/16"-12h
	16-16	1 5/16"-12h	1 5/16"-12h
	20-20	1 5/8"-12h	1 5/8"-12h
	24-24	1 7/8"-12h	1 7/8"-12h



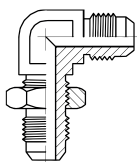
“T” macho orientable

Ref: 719	Galga	R. SAE	R. JIC
	04-04	7/16"-20h	7/16"-20h
	05-05	1/2"-20h	1/2"-20h
	06-06	9/16"-18h	9/16"-18h
	08-08	3/4"-16h	3/4"-16h
	10-10	7/8"-14h	7/8"-14h
	12-12	1 1/16"-12h	1 1/16"-12h
	16-16	1 5/16"-12h	1 5/16"-12h
	20-20	1 5/8"-12h	1 5/8"-12h
	24-24	1 7/8"-12h	1 7/8"-12h



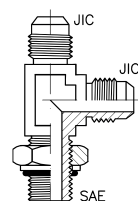
Pasatabique 90°

Ref: 717	Galga	R. JIC	R. JIC
	04-04	7/16"-20h	7/16"-20h
	05-05	1/2"-20h	1/2"-20h
	06-06	9/16"-18h	9/16"-18h
	08-08	3/4"-16h	3/4"-16h
	10-10	7/8"-14h	7/8"-14h
	12-12	1 1/16"-12h	1 1/16"-12h
	16-16	1 5/16"-12h	1 5/16"-12h
	20-20	1 5/8"-12h	1 5/8"-12h
	24-24	1 7/8"-12h	1 7/8"-12h



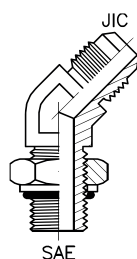
“T” macho orientable

Ref: 741	Galga	R. SAE	R. JIC
	04-04	7/16"-20h	7/16"-20h
	05-05	1/2"-20h	1/2"-20h
	06-06	9/16"-18h	9/16"-18h
	08-08	3/4"-16h	3/4"-16h
	10-10	7/8"-14h	7/8"-14h
	12-12	1 1/16"-12h	1 1/16"-12h
	16-16	1 5/16"-12h	1 5/16"-12h
	20-20	1 5/8"-12h	1 5/8"-12h
	24-24	1 7/8"-12h	1 7/8"-12h



Macho orientable 45°

Ref: 716	Galga	R. SAE	R. JIC
	04-04	7/16"-20h	7/16"-20h
	05-05	1/2"-20h	1/2"-20h
	06-06	9/16"-18h	9/16"-18h
	08-08	3/4"-16h	3/4"-16h
	10-10	7/8"-14h	7/8"-14h
	12-12	1 1/16"-12h	1 1/16"-12h
	16-16	1 5/16"-12h	1 5/16"-12h
	20-20	1 5/8"-12h	1 5/8"-12h
	24-24	1 7/8"-12h	1 7/8"-12h

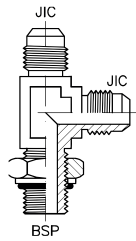




**ADAPTADORES SAE J514**

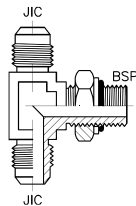
**"T" Orientable**

Ref: 734	Galga	R. BSP	R. JIC
	04-04	1/4"-19h	7/16"-20h
	04-05	1/4"-19h	1/2"-20h
	04-06	1/4"-19h	9/16"-18h
	06-06	3/8"-19h	9/16"-18h
	06-08	3/8"-19h	3/4"-16h
	08-06	1/2"-14h	9/16"-18h
	08-08	1/2"-14h	3/4"-16h
	08-10	1/2"-14h	7/8"-14h
	12-12	3/4"-14h	1 1/16"-12h
	12-16	3/4"-14h	1 5/16"-12h
	16-16	1"-11h	1 5/16"-12h
	16-12	1"-11h	1 1/16"-12h



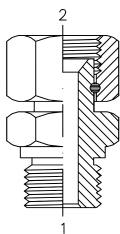
**"T" Orientable**

Ref: 733	Galga	R. BSP	R. JIC
	04-04	1/4"-19h	7/16"-20h
	04-05	1/4"-19h	1/2"-20h
	04-06	1/4"-19h	9/16"-18h
	06-06	3/8"-19h	9/16"-18h
	06-08	3/8"-19h	3/4"-16h
	08-06	1/2"-14h	9/16"-18h
	08-08	1/2"-14h	3/4"-16h
	08-10	1/2"-14h	7/8"-14h
	12-12	3/4"-14h	1 1/16"-12h
	12-16	3/4"-14h	1 5/16"-12h
	16-16	1"-11h	1 5/16"-12h
	16-12	1"-11h	1 1/16"-12h



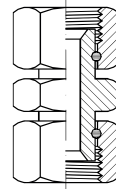
**Macho doble recto**

Ref: 695	Galga	R. BSP	R. JIC
	04-04	1/4"-19h	7/16"-20h
	04-05	1/4"-19h	1/2"-20h
	04-06	1/4"-19h	9/16"-18h
	06-06	3/8"-19h	9/16"-18h
	06-08	3/8"-19h	3/4"-16h
	08-06	1/2"-14h	9/16"-18h
	08-08	1/2"-14h	3/4"-16h
	08-10	1/2"-14h	7/8"-14h
	12-12	3/4"-14h	1 1/16"-12h
	12-16	3/4"-14h	1 5/16"-12h
	16-16	1"-11h	1 5/16"-12h
	16-12	1"-11h	1 1/16"-12h



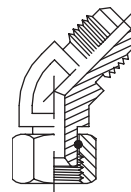
**Tuerca Giratoria Doble**

Ref: 724	Galga	R. JIC	R. JIC
	04-04	7/16"-20h	7/16"-20h
	05-05	1/2"-20h	1/2"-20h
	06-06	9/16"-18h	9/16"-18h
	08-08	3/4"-16h	3/4"-16h
	10-10	7/8"-14h	7/8"-14h
	12-12	1 1/16"-12h	1 1/16"-12h
	16-16	1 5/16"-12h	1 5/16"-12h



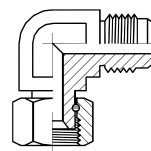
**Codo 45° T.G.-Macho**

Ref: 779	Galga	R. JIC	R. JIC
	04-04	7/16"-20h	7/16"-20h
	05-05	1/2"-20h	1/2"-20h
	06-06	9/16"-18h	9/16"-18h
	08-08	3/4"-16h	3/4"-16h
	10-10	7/8"-14h	7/8"-14h
	12-12	1 1/16"-12h	1 1/16"-12h
	16-16	1 5/16"-12h	1 5/16"-12h
	20-20	1 5/8"-12h	1 5/8"-12h
	24-24	1 7/8"-12h	1 7/8"-12h



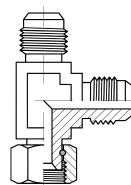
**Codo 90° T.G.-Macho**

Ref: 808	Galga	R. JIC	R. JIC
	04-04	7/16"-20h	7/16"-20h
	05-05	1/2"-20h	1/2"-20h
	06-06	9/16"-18h	9/16"-18h
	08-08	3/4"-16h	3/4"-16h
	10-10	7/8"-14h	7/8"-14h
	12-12	1 1/16"-12h	1 1/16"-12h
	16-16	1 5/16"-12h	1 5/16"-12h
	20-20	1 5/8"-12h	1 5/8"-12h
	24-24	1 7/8"-12h	1 7/8"-12h



**"T" Macho T.G. Lateral**

Ref: 771	Galga	R. JIC
	04-04	7/16"-20h
	05-05	1/2"-20h
	06-06	9/16"-18h
	08-08	3/4"-16h
	10-10	7/8"-14h
	12-12	1 1/16"-12h
	16-16	1 5/16"-12h
	20-20	1 5/8"-12h
	24-24	1 7/8"-12h

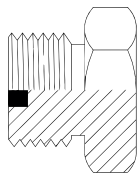


Añadir "AI" al final de las referencias para piezas en acero inoxidable.

**ADAPTADORES ORFS**

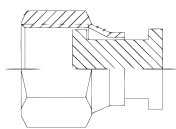
Tapón Macho ORFS

Ref: 900	Galga	R. ORFS
	04-04	9/16"-18h
	06-06	11/16"-16h
	08-08	13/16"-16h
	10-10	1"-14h
	12-12	1 3/16"-12h
	16-16	1 7/16"-12h
	20-20	1 11/16"-12h



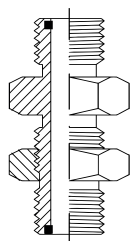
Tapón Hembra ORFS

Ref: 901	Galga	R. ORFS
	04-04	9/16"-18h
	06-06	11/16"-16h
	08-08	13/16"-16h
	10-10	1"-14h
	12-12	1 3/16"-12h
	16-16	1 7/16"-12h
	20-20	1 11/16"-12h



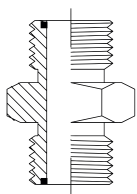
Pasatabique

Ref: 909	Galga	R. ORFS
	04-04	9/16"-18h
	06-06	11/16"-16h
	08-08	13/16"-16h
	10-10	1"-14h
	12-12	1 3/16"-12h
	16-16	1 7/16"-12h
	20-20	1 11/16"-12h



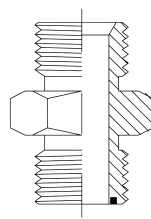
Macho doble recto

Ref: 902	Galga	R. ORFS	R. ORFS
	04-04	9/16"-18h	9/16"-18h
	04-06	9/16"-18h	11/16"-16h
	06-06	11/16"-16h	11/16"-16h
	06-08	11/16"-16h	13/16"-16h
	08-08	13/16"-16h	13/16"-16h
	08-10	13/16"-16h	1"-14h
	10-10	1"-14h	1"-14h
	10-12	1"-14h	1 3/16"-12h
	12-12	1 3/16"-12h	1 3/16"-12h
	12-16	1 3/16"-12h	1 7/16"-12h
	16-16	1 7/16"-12h	1 7/16"-12h
	16-20	1 7/16"-12h	1 11/16"-12h
	20-20	1 11/16"-12h	1 11/16"-12h



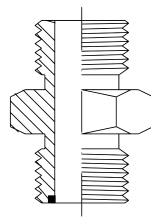
Macho doble recto

Ref: 908	Galga	R. ORFS	R. BSP
	04-04	9/16"-18h	1/4"-19h
	04-06	9/16"-18h	3/8"-19h
	06-06	11/16"-16h	3/8"-19h
	06-08	11/16"-16h	1/2"-14h
	08-08	13/16"-16h	1/2"-14h
	08-12	13/16"-16h	3/4"-14h
	10-12	1"-14h	3/4"-14h
	12-12	1 3/16"-12h	3/4"-14h
	16-16	1 7/16"-12h	1"-11h



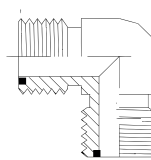
Macho doble recto

Ref: 905	Galga	R. ORFS	R. SAE
	04-04	9/16"-18h	7/16"-20h
	04-05	9/16"-18h	1/2"-20h
	04-06	9/16"-18h	9/16"-18h
	06-06	11/16"-16h	9/16"-18h
	06-08	11/16"-16h	3/4"-16h
	08-08	13/16"-16h	3/4"-16h
	08-10	13/16"-16h	7/8"-14h
	10-08	1"-14h	3/4"-16h
	10-10	1"-14h	7/8"-14h
	12-12	1 3/16"-12h	1 1/16"-12h
	12-16	1 3/16"-12h	1 5/16"-12h
	16-16	1 7/16"-12h	1 5/16"-12h
	16-20	1 7/16"-12h	1 5/8"-12h
	20-20	1 11/16"-12h	1 5/8"-12h



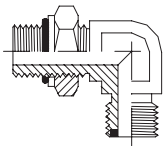
Macho Doble a 90°

Ref: 903	Galga	R. ORFS	R. ORFS
	04-04	9/16"-18h	9/16"-18h
	06-06	11/16"-16h	11/16"-16h
	08-08	13/16"-16h	13/16"-16h
	10-10	1"-14h	1"-14h
	12-12	1 3/16"-12h	1 3/16"-12h
	16-16	1 7/16"-12h	1 7/16"-12h
	20-20	1 11/16"-12h	1 11/16"-12h

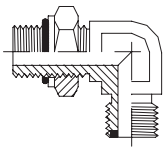


**ADAPTADORES ORFS**

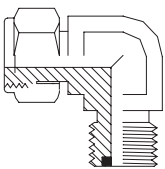
Macho Doble a 90° Orient. SAE

Ref: 906	Galga	R. ORFS	R. SAE
	04-04	9/16"-18h	7/16"-20h
	04-06	9/16"-18h	9/16"-18h
	06-04	11/16"-16h	7/16"-20h
	06-06	11/16"-16h	9/16"-18h
	06-08	11/16"-16h	3/4"-16h
	08-06	13/16"-16h	9/16"-18h
	08-08	13/16"-16h	3/4"-16h
	08-10	13/16"-16h	7/8"-14h
	10-08	1"-14h	3/4"-16h
	10-10	1"-14h	7/8"-14h
	10-12	1"-14h	1 1/16"-12h
	12-10	1 3/16"-12h	7/8"-14h
	12-12	1 3/16"-12h	1 1/16"-12h
	12-16	1 3/16"-12h	1 5/16"-12h
16-12	1 7/16"-12h	1 1/16"-12h	
16-16	1 7/16"-12h	1 5/16"-12h	

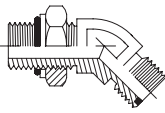
Macho Doble a 90° Orient. BSP

Ref: 915	Galga	R. ORFS	R. BSP
	04-04	9/16"-18h	1/4"-19h
	06-04	11/16"-16h	1/4"-19h
	06-06	11/16"-16h	3/8"-19h
	08-06	13/16"-16h	3/8"-19h
	08-08	13/16"-16h	1/2"-14h
	10-08	1"-14h	1/2"-14h
	12-12	1 3/16"-12h	3/4"-14h
	16-12	1 7/16"-12h	3/4"-14h
	16-16	1 7/16"-12h	1"-11h

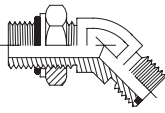
Macho – T.G. a 90°

Ref: 912	Galga	R. ORFS	R. ORFS
	04-04	9/16"-18h	9/16"-18h
	06-06	11/16"-16h	11/16"-16h
	08-08	13/16"-16h	13/16"-16h
	10-10	1"-14h	1"-14h
	12-12	1 3/16"-12h	1 3/16"-12h
	16-16	1 7/16"-12h	1 7/16"-12h
	20-20	1 11/16"-12h	1 11/16"-12h

Macho Doble a 45° Orient. BSP

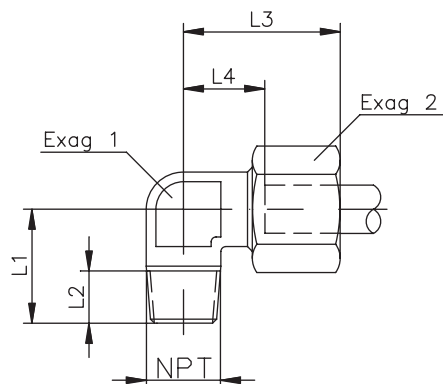
Ref: 911	Galga	R. ORFS	R. BSP
	04-04	9/16"-18h	1/4"-19h
	06-04	11/16"-16h	1/4"-19h
	06-06	11/16"-16h	3/8"-19h
	06-08	11/16"-16h	1/2"-14h
	10-08	1"-14h	1/2"-14h
	12-12	1 3/16"-12h	3/4"-14h
	12-16	1 3/16"-12h	1"-11h
	16-16	1 7/16"-12h	1"-11h

Macho Doble a 45° Orient.SAE

Ref: 913	Galga	R. ORFS	R. SAE
	04-04	9/16"-18h	7/16"-20h
	04-06	9/16"-18h	9/16"-18h
	06-04	11/16"-16h	7/16"-20h
	06-06	11/16"-16h	9/16"-18h
	06-08	11/16"-16h	3/4"-16h
	08-06	13/16"-16h	9/16"-18h
	08-08	13/16"-16h	3/4"-16h
	08-10	13/16"-16h	7/8"-14h
	10-08	1"-14h	3/4"-16h
	10-10	1"-14h	7/8"-14h
	10-12	1"-14h	1 1/16"-12h
	12-10	1 3/16"-12h	7/8"-14h
	12-12	1 3/16"-12h	1 1/16"-12h
	12-16	1 3/16"-12h	1 5/16"-12h
	16-12	1 7/16"-12h	1 1/16"-12h
	16-16	1 7/16"-12h	1 5/16"-12h
16-20	1 7/16"-12h	1 5/8"-12h	

Añadir "AI" al final de las referencias para piezas en acero inoxidable.

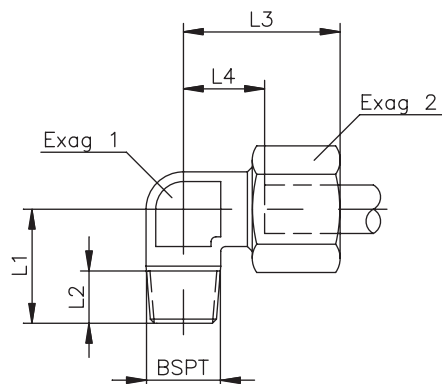
**ADAPTADORES DIN 2353**



**17. Racor en codo, rosca NPT especial**

Serie	Bar	Ø Tubo	Rosca NPT	L1	L2	L3	L4	Exag 1	Exag 2	Referencia
L	315	6	1/4"	-	-	-	-	-	-	102124
		8	1/8"	-	-	-	-	-	-	102125
		8	3/8"	-	12	-	17,5	17	17	102126
		8	1/2"	-	-	-	-	-	-	102127
		10	1/8"	-	-	-	-	-	-	102128
		10	3/8"	-	12	-	17,5	19	17	102129
		10	1/2"	-	-	-	-	-	-	102130
		12	1/4"	-	-	-	-	-	-	039200
		12	1/2"	-	-	-	-	-	-	102132
		15	3/8"	-	-	-	-	-	-	102133
S	630	18	3/4"	-	-	-	-	-	-	102134
		12	1/2"	-	14	-	21,5	24	19	102135
	400	14	3/8"	-	-	-	-	-	-	102136
		16	3/8"	-	-	-	-	-	-	102137
		20	1/2"	-	-	-	-	-	-	102138
		25	3/4"	-	-	-	-	-	-	102139
30	1"	-	-	-	-	-	-	102140		

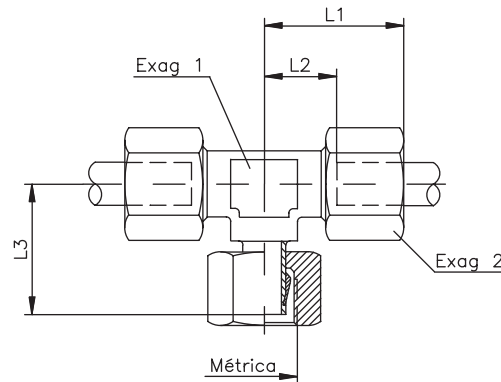
## ADAPTADORES DIN 2353



## 18. Racor en codo, rosca GAS cónica

Serie	Bar	Ø Tubo	Rosca BSPT	L1	L2	L3	L3	Exag 1	Exag 2	Referencia
L	315	6	1/8"	20	8	27	12	12	14	039222
		8	1/4"	26	12	29	14	12	17	039224
		10	1/4"	27	12	30	15	14	19	039225
		12	3/8"	28	12	32	17	17	22	039228
		15	1/2"	34	14	36	21	19	27	039229
		18	1/2"	36	14	40	23,5	24	32	039230
	160	22	3/4"	-	-	-	-	-	-	102010
S	630	6	1/4"	26	12	31	16	12	17	039231
		8	1/4"	27	12	32	17	14	19	039232
		10	3/8"	28	12	34	17,5	17	22	039233
		12	3/8"	31	12	38	21,5	17	24	039234
		14	1/2"	32	14	40	22	19	27	039235
	400	16	1/2"	32	14	43	24,5	24	30	039236
		20	3/4"	-	-	-	-	-	-	102020
		25	1"	-	-	-	-	-	-	102021
		30	1 1/4"	-	-	-	-	-	-	102022

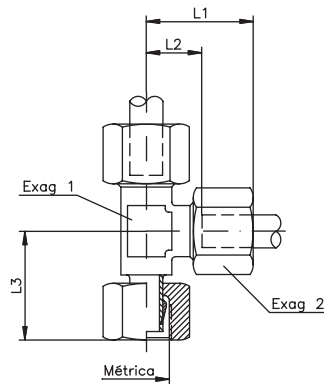
## ADAPTADORES DIN 2353



## 37. "T" orientable

Serie	Bar	Ø Tubo	Rosca métrica	L1	L2	L3	Exag 1	Exag 2	Referencia
L	315	6	12 x 1,5	27	12	26	12	14	062040
		8	14 x 1,5	29	14	27,5	12	17	062041
		10	16 x 1,5	30	15	29	14	19	062042
		12	18 x 1,5	32	17	29,5	17	22	062043
		15	22 x 1,5	36	21	32,5	19	27	061107
		18	26 x 1,5	40	23,5	35,5	24	32	062044
	160	22	30 x 2	44	27,5	38,5	27	36	062045
		28	36 x 2	47	30,5	41,5	36	41	062046
		35	45 x 2	56	34,5	51	41	50	062047
		42	52 x 2	63	40	60	50	60	062048
S	630	6	14 x 1,5	31	16	27	12	17	062049
		8	16 x 1,5	32	17	27,5	14	19	062050
		10	18 x 1,5	34	17,5	30	17	22	062051
		12	20 x 1,5	38	21,5	31	17	24	062052
		14	22 x 1,5	40	22	35	19	27	062053
	400	16	24 x 1,5	43	24,5	36,5	24	30	062054
		20	30 x 2	48	26,5	44,5	27	36	062055
		25	36 x 2	54	30	50	36	46	062056
		30	42 x 2	62	35,5	55	41	50	062057
		315	38	52 x 2	72	41	64,5	50	60

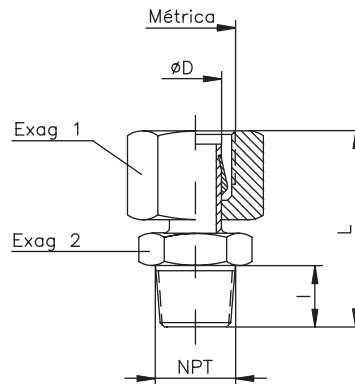
**ADAPTADORES DIN 2353**



**38. "L" orientable**

Serie	Bar	Ø Tubo	Rosca métrica	L1	L2	L3	Exag 1	Exag 2	Referencia
L	315	6	12 x 1,5	27	12	26	12	14	062095
		8	14 x 1,5	29	14	27,5	12	17	062096
		10	16 x 1,5	30	15	29	14	19	062097
		12	18 x 1,5	32	17	29,5	17	22	062098
		15	22 x 1,5	36	21	32,5	19	27	062235
		18	26 x 1,5	40	23,5	35,5	24	32	060099
	160	22	30 x 2	44	27,5	38,5	27	36	061845
		28	36 x 2	47	30,5	41,5	36	41	062100
		35	45 x 2	56	34,5	51	41	50	062101
		42	52 x 2	63	40	60	50	60	062102
S	630	6	14 x 1,5	31	16	27	12	17	062103
		8	16 x 1,5	32	17	27,5	14	19	062104
		10	18 x 1,5	34	17,5	30	17	22	062105
		12	20 x 1,5	38	21,5	31	17	24	061884
		14	22 x 1,5	40	22	35	19	27	062106
	400	16	24 x 1,5	43	24,5	36,5	24	30	062107
		20	30 x 2	48	26,5	44,5	27	36	062108
		25	36 x 2	54	30	50	36	46	061885
		30	42 x 2	62	35,5	55	41	50	062109
		315	38	52 x 2	72	41	64,5	50	60

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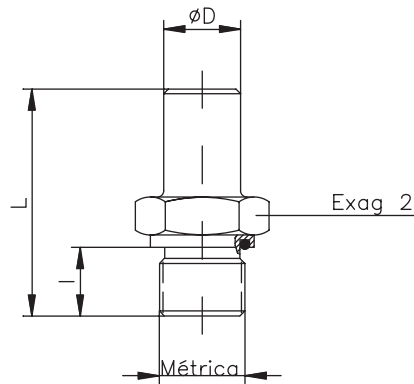


## 39. Racor macho orientable con anillo y tuerca premontados, rosca NPT

Serie	Bar	Ø D	Rosca NPT	Rosca métrica	L	I	Exag 1	Exag 2	Ref.
L	315	6	1/8"	12 x 1,5	33	10	14	11	101004
		8	1/4"	14 x 1,5	39	15	17	14	101005
		10	1/4"	16 x 1,5	40	15	19	14	101006
		12	3/8"	18 x 1,5	44,5	15	22	19	101007
		15	1/2"	22 x 1,5	48	20	27	22	101008
		18	1/2"	26 x 1,5	49	20	32	22	101009
	160	22	3/4"	30 x 2	49	20	36	27	101010
		28	1"	36 x 2	55,5	25	41	36	101011
		35	1 1/4"	45 x 2	63	26	50	46	101012
		42	1 1/2"	52 x 2	65	26	60	50	101013
S	630	6	1/4"	14 x 1,5	40	15	17	14	101014
		8	1/4"	16 x 1,5	40	15	19	14	101015
		10	3/8"	18 x 1,5	44	15	22	19	101016
		12	3/8"	20 x 1,5	44,5	15	24	19	101017
	400	16	1/2"	24 x 1,5	53,5	20	30	22	101019
		20	3/4"	30 x 2	58	20	36	27	101020
		25	1"	36 x 2	68,5	25	46	36	101021
		30	1 1/4"	42 x 2	73,5	26	50	46	101022
	315	38	1 1/2"	52 x 2	78	26	60	50	101023



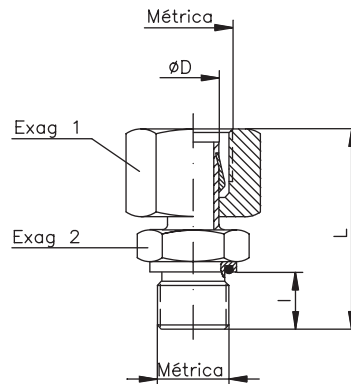
**ADAPTADORES DIN 2353**



**40. Nipples de salida tubular con junta tórica, rosca métrica cilíndrica**

Serie	Bar	Ø D	Rosca macho	L1	l	Exag 2	Referencia
L	315	6	10 x 1	32,5	8	14	028948
		8	12 x 1,5	38,5	12	17	028949
		10	14 x 1,5	39	12	19	028950
		12	16 x 1,5	42,5	12	22	028951
		15	18 x 1,5	44	12	27	028952
		18	22 x 1,5	45,5	14	32	028953
	160	22	26 x 1,5	48,5	16	36	028954
		28	33 x 2	53,5	18	41	028955
		35	42 x 2	62,5	20	50	028956
		42	48 x 2	68,5	22	60	028957
S	630	6	12 x 1,5	39	12	17	028958
		8	14 x 1,5	41,5	12	19	028959
		10	16 x 1,5	44	12	22	028960
		12	18 x 1,5	46	12	24	028961
		14	20 x 1,5	50,5	14	27	028962
	400	16	22 x 1,5	51	14	30	028963
		20	27 x 2	59	16	36	028964
		25	33 x 2	66	18	46	028965
		30	42 x 2	71	20	50	028966
	315	38	48 x 2	82	22	60	028967

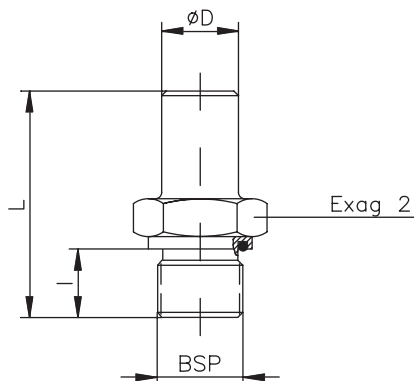
## ADAPTADORES DIN 2353



## 41. Racor macho orientable con junta tórica, rosca métrica con anillo y tuerca

Serie	Bar	Ø D	Rosca macho	Rosca tuerca	L	l	Exag 1	Exag 2	Referencia
L	315	6	10 x 1	12 x 1,5	32,5	8	14	14	101204
		8	12 x 1,5	14 x 1,5	38,5	12	17	17	101205
		10	14 x 1,5	16 x 1,5	39	12	19	19	101206
		12	16 x 1,5	18 x 1,5	42,5	12	22	22	101207
		15	18 x 1,5	22 x 1,5	44	12	27	24	101208
		18	22 x 1,5	26 x 1,5	45,5	14	32	27	101209
	160	22	26 x 1,5	30 x 2	48,5	16	36	32	101210
		28	33 x 2	36 x 2	53,5	18	41	41	101211
		35	42 x 2	45 x 2	62,5	20	50	50	101212
		42	48 x 2	52 x 2	68,5	22	60	55	101213
S	630	6	12 x 1,5	14 x 1,5	39	12	17	17	101214
		8	14 x 1,5	16 x 1,5	41,5	12	19	19	101215
		10	16 x 1,5	18 x 1,5	44	12	22	22	101216
		12	18 x 1,5	20 x 1,5	46	12	24	24	101217
		14	20 x 1,5	22 x 1,5	50,5	14	27	27	101218
	400	16	22 x 1,5	24 x 1,5	51	14	30	27	101219
		20	27 x 2	30 x 2	59	16	36	32	101220
		25	33 x 2	36 x 2	66	18	46	41	101221
		30	42 x 2	42 x 2	71	20	50	50	101222
		315	38	48 x 2	52 x 2	82	22	60	55

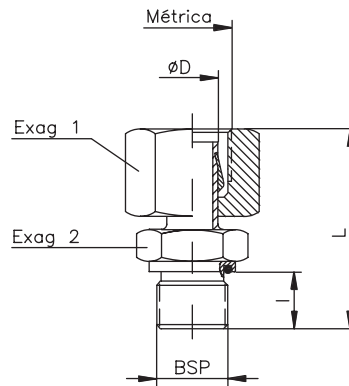
**ADAPTADORES DIN 2353**



**42. Nipples de salida tubular con junta tórica, rosca Gas cilíndrica**

Serie	Bar	Ø D	Rosca macho	L1	l	Exag 2	Referencia
L	315	6	1/8"	32,5	8	14	038195
		8	1/4"	41,5	12	19	038196
		10	1/4"	39,5	12	19	038197
		12	3/8"	46	12	22	038199
		15	1/2"	46	14	27	038200
		18	1/2"	45,5	14	27	038201
	160	22	3/4"	48,5	16	32	038202
		28	1"	53	18	41	038203
		35	1 1/4"	62,5	20	50	038204
		42	1 1/2"	68,5	22	55	038205
S	630	6	1/4"	39	12	19	038206
		8	1/4"	41,5	12	19	038196
		10	3/8"	44,5	12	22	038208
		12	3/8"	46	12	22	038199
		14	1/2"	51	14	27	038211
	400	16	1/2"	50,5	14	27	038212
		20	3/4"	59	16	32	038214
		25	1"	66	18	41	038215
		30	1 1/4"	71	20	50	038216
	315	38	1 1/2"	82	22	55	038217

## ADAPTADORES DIN 2353



## 43. Racor macho orientable con junta tórica, rosca Gas con anillo y tuerca

Serie	Bar	Ø D	Rosca macho	Rosca tuerca	L	I	Exag 1	Exag 2	Referencia
L	315	6	1/8"	12 x 1,5	32,5	8	14	14	101104
		8	1/4"	14 x 1,5	41,5	12	17	19	101105
		10	1/4"	16 x 1,5	39,5	12	19	19	101106
		12	3/8"	18 x 1,5	46	12	22	22	101107
		15	1/2"	22 x 1,5	46	14	27	27	101108
		18	1/2"	26 x 1,5	45,5	14	32	27	101109
	160	22	3/4"	30 x 2	48,5	16	36	32	101110
		28	1"	36 x 2	53	18	41	41	101111
		35	1 1/4"	45 x 2	62,5	20	50	50	101112
		42	1 1/2"	52 x 2	68,5	22	60	55	101113
S	630	6	1/4"	14 x 1,5	39	12	17	19	101114
		8	1/4"	16 x 1,5	41,5	12	19	19	101115
		10	3/8"	18 x 1,5	44,5	12	22	22	101116
		12	3/8"	20 x 1,5	46	12	24	22	101117
		14	1/2"	22 x 1,5	51	14	27	27	101118
	400	16	1/2"	24 x 1,5	50,5	14	30	27	101119
		20	3/4"	30 x 2	59	16	36	32	101120
		25	1"	36 x 2	66	18	46	41	101121
		30	1 1/4"	42 x 2	71	20	50	50	101122
		315	38	1 1/2"	52 x 2	82	22	60	55

**ADAPTADORES DIN 2353**

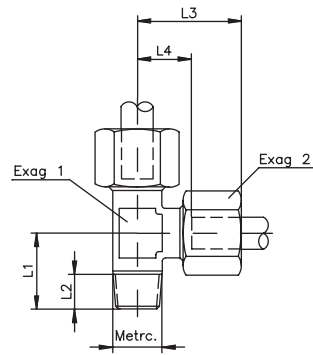


FIG.11

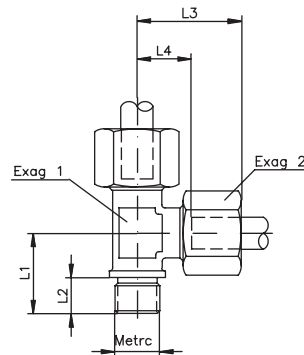


FIG.12

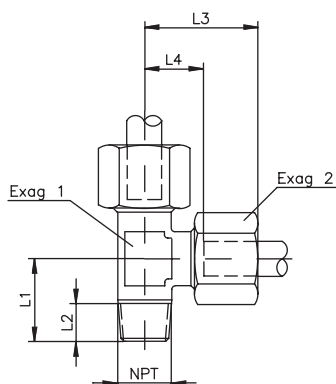
**44. Racor en "L", rosca métrica cónica. Figura 11**

Serie	Bar	Ø Tubo	Rosca métrica	L1	L2	L3	L4	Exag 1	Exag 2	Ref.
L	315	6	10 x 1	20	8	27	12	12	14	039339
		8	12 x 1,5	26	12	29	14	12	17	039340
		10	14 x 1,5	27	12	30	15	14	19	039341
		12	16 x 1,5	30	12	32	17	17	22	039342
		15	18 x 1,5	32	14	36	21	19	27	039343
		18	22 x 1,5	36	14	40	23,5	24	32	039344
S	630	6	12 x 1,5	26	12	31	16	12	17	039345
		8	14 x 1,5	27	12	32	17	14	19	039346
		10	16 x 1,5	28	12	34	17,5	17	22	039347
		12	18 x 1,5	31	12	38	21,5	17	24	039348
		14	20 x 1,5	32	14	40	22	19	27	039349
	400	16	22 x 1,5	32	14	43	24,5	24	30	039350

**45. Racor en "L", rosca métrica cilíndrica. Figura 12**

Serie	Bar	Ø Tubo	Rosca métrica	L1	L2	L3	L4	Exag 1	Exag 2	Ref.
L	160	22	26 x 1,5	42	16	44	27,5	27	36	033359
		28	33 x 2	48	18	47	30,5	36	41	033360
		35	42 x 2	54	20	56	34,5	41	50	033361
		42	48 x 2	61	22	63	40	50	60	033362
S	400	20	27 x 2	42	16	48	26,5	27	36	033363
		25	33 x 2	48	18	54	31	36	46	033364
	250	30	42 x 2	54	20	62	35,5	41	50	033365
		38	48 x 2	61	22	72	41	50	60	033366

## ADAPTADORES DIN 2353



## 46. Racor en "L", rosca NPT

Serie	Bar	Ø Tubo	Rosca NPT	L1	L2	L3	L4	Exag 1	Exag 2	Ref.
L	315	6	1/8"	20	8	27	12	12	14	103104
		8	1/4"	26	12	29	14	12	17	103105
		10	1/4"	27	12	30	15	14	19	103106
		12	3/8"	30	12	32	17	17	22	103107
		15	1/2"	34	14	36	21	19	27	103108
		18	1/2"	36	14	40	23,5	24	32	103109
	160	22	3/4"	42	16	44	27,5	27	36	103110
		28	1"	48	18	47	30,5	36	41	103111
		35	1 1/4"	54	20	56	34,5	41	50	103112
		42	1 1/2"	61	22	63	40	50	60	103113
S	630	6	1/4"	26	12	31	16	12	17	103114
		8	1/4"	27	12	32	17	14	19	103115
		10	3/8"	28	12	34	17,5	17	22	103116
		12	3/8"	31	12	38	21,5	17	24	103117
		14	1/2"	34	16	40	22	19	27	103118
	400	16	1/2"	36	16	43	24,5	24	30	103119
		20	3/4"	42	16	48	26,5	27	36	103120
		25	1"	48	18	54	30	36	46	103121
		30	1 1/4"	54	20	62	35,5	41	50	103122
		315	38	1 1/2"	61	22	72	41	50	60

**ADAPTADORES DIN 2353**

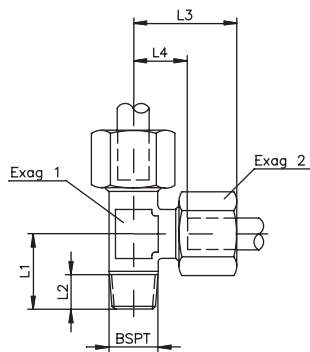


FIG. 13

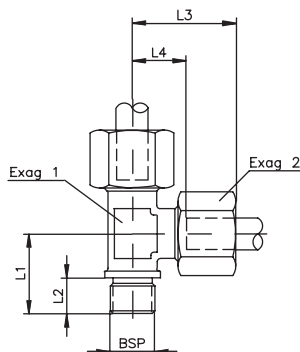


FIG. 14

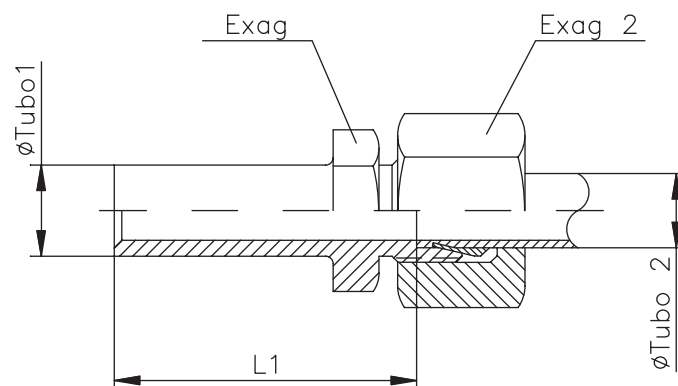
**47. Racor en "L", rosca Gas cónica. Figura 13**

Serie	Bar	Ø Tubo	Rosca BSPT	L1	L2	L3	L4	Exag 1	Exag 2	Ref.
L	315	6	1/8"	20	8	27	12	12	14	039322
		8	1/4"	26	12	29	14	12	17	039323
		10	1/4"	27	12	30	15	14	19	039324
		12	3/8"	30	12	32	17	17	22	039326
		15	1/2"	34	14	36	21	19	27	039327
		18	1/2"	36	14	40	23,5	24	32	039328
S	630	6	1/4"	26	12	31	16	12	17	039329
		8	1/4"	27	12	32	17	14	19	039330
		10	3/8"	28	12	34	17,5	17	22	039331
		12	3/8"	31	12	38	21,5	17	24	039332
		14	1/2"	32	14	40	22	19	27	039333
	400	16	1/2"	32	14	43	24,5	24	30	039334

**48. Racor en "L", rosca Gas cilíndrica. Figura 14**

Serie	Bar	Ø Tubo	Rosca BSPT	L1	L2	L3	L4	Exag 1	Exag 2	Ref.
L	160	22	3/4"	42	16	44	27,5	27	36	039351
		28	1"	48	18	47	30,5	36	41	039352
		35	1 1/4"	54	20	56	34,5	41	50	039353
		42	1 1/2"	61	22	63	40	50	60	039354
S	400	20	3/4"	42	16	48	26,5	27	36	039355
		25	1"	48	18	54	31	36	46	039356
	250	30	1 1/4"	54	20	62	35,5	41	50	039357
		38	1 1/2"	61	22	72	41	50	60	039358

**ADAPTADORES DIN 2353**



**49. Adaptador de reducción tubo macho / tubo hembra**

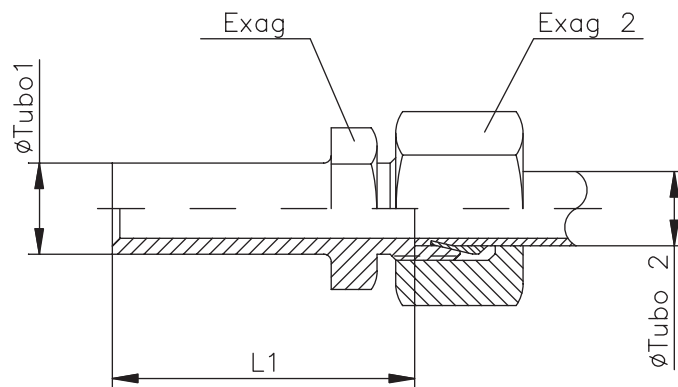
Serie	Bar	Ø Tubo 1	Ø Tubo 2	L1	Exag	Exag 2	Referencia
L	315	8	6	29,5	14	14	039748
		10	6	29,5	14	14	039749
		10	8	29,5	17	17	039750
		12	6	29,5	14	14	039751
		12	8	29,5	17	17	039752
		12	10	31	17	19	039753
		15	6	29,5	17	14	039754
		15	8	29,5	17	17	039755
		15	10	31	17	19	039756
		15	12	31	19	22	039757
		18	6	30,5	19	14	039758
		18	8	30,5	19	17	039759
		18	10	32	19	19	039760
		18	12	32	19	22	039761
		18	15	32,5	24	27	039762
	22	160	6	33,5	24	14	039763
	22		8	33,5	24	17	039764
	22		10	35	24	19	039765
	22		12	35	24	22	039766
	22		15	35,5	24	27	039767
	28		6	34,5	32	14	039769
	28		8	34,5	32	17	039770
	28		10	36	32	19	039771
	28		12	36	32	22	039772
	28		15	36,5	32	27	039773
	28		18	36	32	32	039774
	28		22	36	32	36	039775
	35		15	42,5	36	27	039780
	35		18	42	36	32	039781
	35		22	44	36	36	039782
35	28	44	41	41	039783		
42	18	44	46	32	039789		
42	22	46	46	36	039790		
42	28	46	46	41	039791		
42	35	45	46	50	039792		

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**ADAPTADORES DIN 2353**



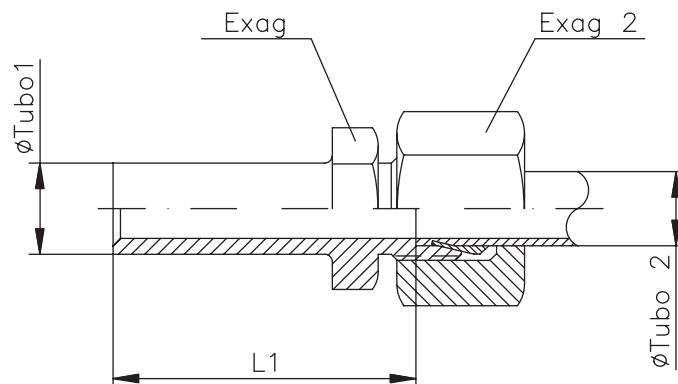
**49. Adaptador de reducción tubo macho / tubo hembra**

Serie	Bar	Ø Tubo 1	Ø Tubo 2	L1	Exag	Exag 2	Referencia
S	630	8	6	31	17	17	039793
		10	6	32	17	17	039794
		10	8	32	17	19	039795
		12	6	33	17	17	039796
		12	8	33	17	19	039797
		12	10	32,5	19	22	039798
		14	6	37	17	17	039799
		14	8	37	17	19	039800
		14	10	36,5	19	22	039801
	400	14	12	36,5	22	24	039802
		16	6	37	17	17	039803
		16	8	37	17	19	039804
		16	10	36,5	19	22	039805
		16	12	36,5	22	24	039806
		16	14	38	24	27	039807
		20	8	43	22	19	039809
		20	10	42,5	22	22	039810
		20	12	42,5	22	24	039811
		20	14	44	24	27	039812
		20	16	43,5	27	30	039813
		25	6	47	27	17	039814
		25	8	47	27	19	039815
		25	10	46,5	27	22	039816
		25	12	46,5	27	24	039817
		25	14	48	27	27	039818
		25	16	47,5	27	30	039819
		25	20	47,5	32	36	039820
		30	12	48,5	32	24	039824
		30	14	50	32	27	039825
		30	16	49,5	32	30	039826
	30	20	49,5	32	36	039827	
	30	25	50	41	46	039828	
	315	38	12	56,5	41	24	039832
		38	16	56,5	41	30	039834
		38	20	56,5	41	36	039835
38		25	57	41	46	039836	
38		30	57,5	46	50	039837	

Continuación de la página anterior.



**ADAPTADORES DIN 2353**

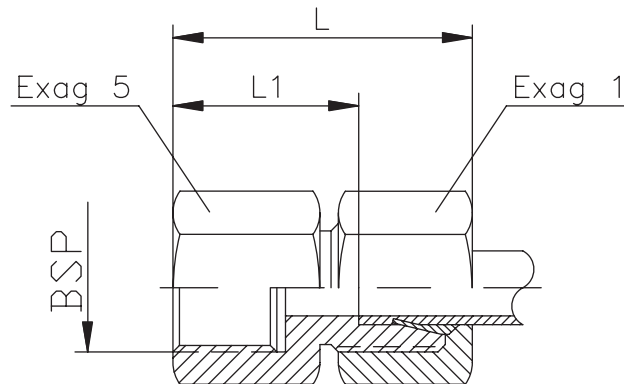


**50. Racor recto hembra, rosca Gas cilíndrica**

Serie	Bar	Ø Tubo	Rosca BSP	L	L1	Exag 1	Exag 5	Referencia
L	315	6	1/8"	34	19	14	14	039727
		8	1/4"	39	24	17	19	039728
		10	1/4"	40	25	19	19	039729
		12	3/8"	41	26	22	24	039730
		15	1/2"	46	31	27	27	039731
		18	1/2"	47	30,5	32	27	039732
	160	22	3/4"	52	35,5	36	36	039734
		28	1"	55	38	41	41	039735
		35	1 1/4"	63	41	50	55	039736
		42	1 1/2"	65	42,5	60	60	039737
S	630	6	1/4"	41	26	17	19	039738
		8	1/4"	41	26	19	19	039739
		10	3/8"	43	26,5	22	24	039740
		12	3/8"	43	26,5	24	24	039741
		14	1/2"	50	32	27	30	039742
	400	16	1/2"	50	31,5	30	30	039743
		20	3/4"	56	34,5	36	36	039744
		25	1"	62	37,5	46	41	039745
		30	1 1/4"	69	42	50	55	039746
	315	38	1 1/2"	74	43,5	60	60	039747



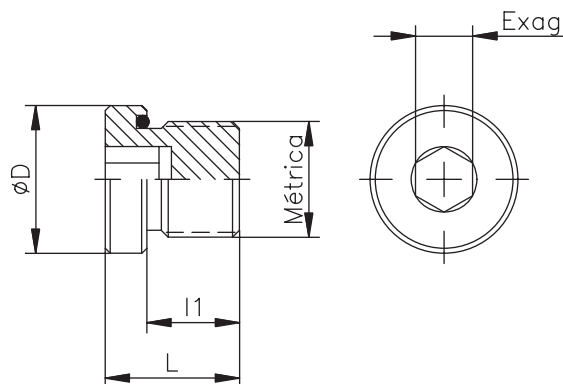
**ADAPTADORES DIN 2353**



**51. Racor recto hembra, rosca métrica cilíndrica**

Serie	Bar	Ø Tubo	Rosca métrica	L	L1	Exag 1	Exag 5	Ref.
L	315	6	10 x 1	34	19	14	14	100804
		8	12 x 1,5	39	24	17	17	100805
		10	14 x 1,5	40	25	19	19	100806
		12	16 x 1,5	41	26	22	22	100807
		15	18 x 1,5	46	31	27	24	100808
		18	22 x 1,5	47	30,5	32	30	100809
	160	22	26 x 1,5	52	35,5	36	32	100810
		28	33 x 2	55	38	41	41	100811
		35	42 x 2	63	41	50	55	100812
		42	48 x 2	65	42,5	60	60	100813
S	630	6	12 x 1,5	41	26	17	17	100814
		8	14 x 1,5	41	26	19	19	100815
		10	16 x 1,5	43	26,5	22	22	100816
		12	18 x 1,5	43	26,5	24	24	100817
		14	20 x 1,5	50	32	27	27	100818
	400	16	22 x 1,5	50	31,5	30	30	100819
		20	27 x 2	56	34,5	36	36	100820
		25	33 x 2	62	37,5	46	41	100821
		30	42 x 2	69	42	50	55	100822
	315	38	48 x 2	74	43,5	60	60	100823

## ADAPTADORES DIN 2353



## 52. Tapón macho para bloque, rosca métrica cilíndrica

Rosca métrica	Ø D	l1	L	Exag interior	Referencia con junta
10 x 1	14	8	12	5	028302
12 x 1,5	17	12	17	6	028303
14 x 1,5	19	12	17	6	028304
16 x 1,5	22	12	17	8	028305
18 x 1,5	22	12	17	8	029844
20 x 1,5	26	14	19	10	028306
22 x 1,5	27	14	19	10	028307
27 x 2	32	16	21	12	028309
33 x 2	40	16	22,5	17	028310
42 x 2	50	16	22,5	22	028311
48 x 2	55	16	22,5	24	028312

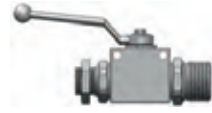



## 53. Tapón macho para bloque, rosca gas cilíndrica

Rosca BSP	Ø D	l1	L	Exag interior	Referencia con junta
1/8"	14	8	12	5	036856
1/4"	19	12	17	6	036858
3/8"	22	12	17	8	036860
1/2"	27	14	19	10	036862
3/4"	32	16	21	12	036864
1"	40	16	22,5	17	036866
1 1/4"	50	16	22,5	22	036868
1 1/2"	55	16	22,5	24	036870



**ENCHUFES RÁPIDOS**

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**SERIE HPA**  
**VÁLVULA PUNZÓN**

**Usos:** Aplicación en sector industrial y papelerero de muy alta presión.

Diseñado para cilindros, bombas de mano y aplicaciones hidráulicas similares. Disponible con válvula de punzón o bola como sistema de cierre. Roscas NPTF. Otras bajo pedido.

**Materiales:**

Cuerpo: Acero Carbono EN-10277-3 / AISI 316L  
 Tóricas: NBR, Vitón o EPDM  
 Antiextrusión: PTFE  
 Bolas: AISI 1010/1015 / AISI316 W. 14401  
 Muelles: Acero al Carbono DIN17233/84(B) / AISI302 DIN 17224

**Aplicaciones:**

Diseñado para Aceite Hidráulico. Aplicaciones según la normativa Europea 97.23.EC

**Equivalencias:**

ENERPAC C-604  
 CEJN 230  
 PARKER 3000

**Temperaturas (°C):**

NBR (+100, -30)  
 Viton (+200, -10)  
 EPDM (+150, -40)

**Modelos estándar (macho)**

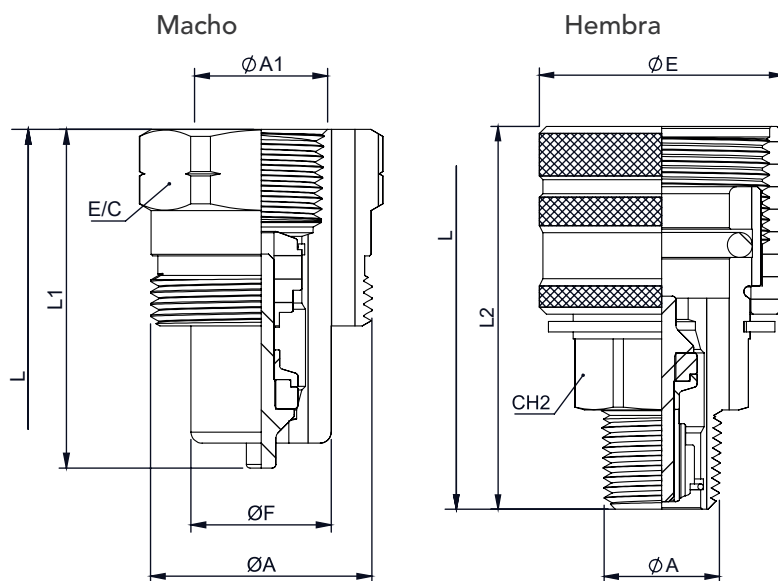
DN	ØA1	REF	Pres. (bar)	E/C	ØG	L1	ØF	L
06	1/4" NPTF	7661-04-04HN1	1200	19	1" UN	38	15,90	60,50
10	3/8" NPTF	7661-06-06HN1	1200	24	1 3/16" UN	44,70	18,99	72,75

\* Referencias en acero inoxidable a consultar.

**Modelos estándar (hembra)**

DN	ØA1	REF	Pres. (bar)	E/C	ØG	L1	ØF	L
06	1/4" NPTF M.	7662-04-04MN1	1200	17	41	30	60,50	60,50
10	3/8" NPTF M.	7662-06-06MN1	1200	22	54	34,50	72,75	72,75

\* Referencias en acero inoxidable a consultar.



### SERIE HPA VÁLVULA DE BOLA

**Usos:** Aplicación en sector industrial y papelerero de muy alta presión.

Diseñado para cilindros, bombas de mano y aplicaciones hidráulicas similares. Disponible con válvula de punzón o bola como sistema de cierre. Roscas NPTF. Otras bajo pedido.

**Materiales:**

Cuerpo: Acero Carbono EN-10277-3 / AISI 316L  
Tóricas: NBR, Vitón o EPDM  
Antiextrusión: PTFE  
Bolas: AISI 1010/1015 / AISI316 W. 14401  
Muelles: Acero al Carbono DIN17233/84(B) / AISI302 DIN 17224

**Aplicaciones:**

Diseñado para Aceite Hidráulico. Aplicaciones según la normativa Europea 97.23.EC

**Equivalencias:**

ENERPAC C-604  
CEJN 230  
PARKER 3000

**Temperaturas (°C):**

NBR (+100, -30)  
Viton (+200, -10)  
EPDM (+150, -40)

**Modelos estándar (macho)**

DN	ØA1	REF	Pres. (bar)	E/C	ØG	L1	ØF	L
06	1/4" NPTF	8662-04-04HN1	700	19	1" UN	34	15,90	75,5
10	3/8" NPTF	8662-06-06HN1	700	24	1 3/16" UN	38,88	18,99	87,14

**Modelos acero inoxidable (macho)**

DN	ØA1	REF	Pres. (bar)	E/C	ØG	L1	ØF	L
06	1/4" NPTF	8662-04-04HN2	700	19	1" UN	34	15,90	75,5
10	3/8" NPTF	8662-06-06HN2	700	24	1 3/16" UN	38,88	18,99	87,14

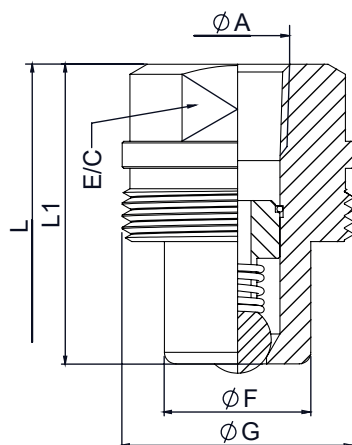
**Modelos estándar (hembra)**

DN	ØA	REF	Pres. (bar)	CH2	L2	ØE	L
06	1/4" NPTF M.	8661-04-04HN1	700	19	53	30	75,5
10	3/8" NPTF M.	8661-06-06HN1	700	24	64	34,50	87,14

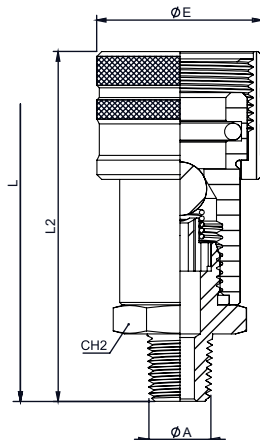
**Modelos acero inoxidable (hembra)**

DN	ØA	REF	Pres. (bar)	CH2	L2	ØE	L
06	1/4" NPTF M.	8661-04-04HN2	700	19	53	30	75,5
10	3/8" NPTF M.	8661-06-06HN2	700	24	64	34,50	87,14

**Macho**



**Hembra**



**SERIE STG**  
 BSP / NPTF / SIN 3852 / SAE

**Usos:** Aplicaciones agrícolas, tractores, industrial en general, transporte de cargas pesadas y maquinaria de construcción.

Disponible con válvula de punzón como cierre. Roscas BSP, NPTF, DIN2353, DIN3852, SAE/ORB. Otras bajo pedido. AISI 316 disponible en cantidades mínimas.

<b>Materiales:</b>	<b>Aplicaciones:</b>	<b>Equivalencias:</b>	<b>Temperaturas (°C):</b>
Cuerpo: Acero al carbono EN -10277-3 / AISI 316L	Diseñado para Aceite Hidráulico.	FASTER CW ARGUS HD VOSWINKEL HS	NBR (+100, -30) Viton (+200, -10) EPDM (+150, -40)
Tóricas: NBR, Vitón o EPDM	Aplicaciones según la normativa Euro-pea 97.23.EC		
Antiextrusión: PTFE			
Muelles: Acero al carbono DIN 17233/84(B)			

**Macho**

DN	CH1	CH2	C	ØD	L
06	19	30	59,30	34	94
10	22	30	61,20	34	98
13	27	36	67,50	41,80	109
20	36	41	80	48	135
25	41	55	86	59,80	155
32	50	75	142	79,80	241,80

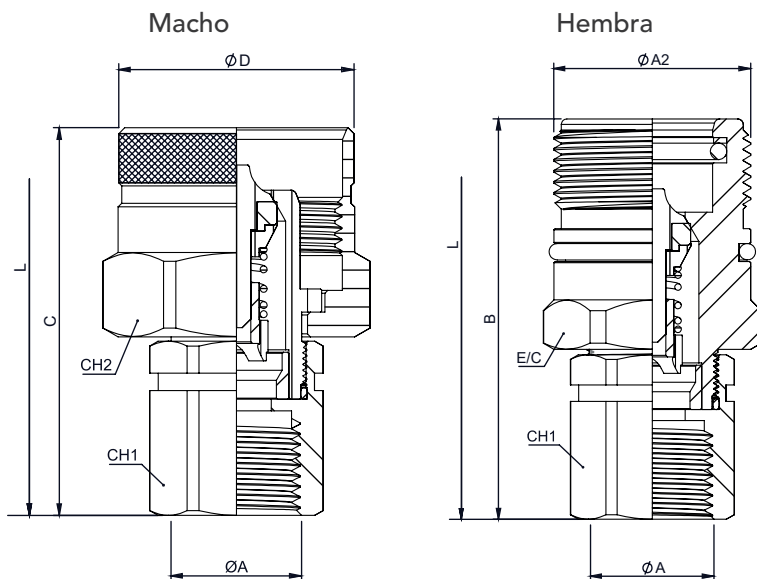
**Hembra**

DN	CH1	E/C	B	ØA2	L
06	19	22	60	Rd 24x2	94
10	22	24	64	Rd 28x2	98
13	27	32	70	Rd 36x2	109
20	36	36	86	Rd 42x2	135
25	41	41	103,5	Rd 48x3	155
32	50	60	150	Rd 70x3	241,80

**Modelos estándar**

DN	ØA	REF.		PRES. (BAR)
		MACHO	HEMBRA	
06	1/4" BSP	7922-04-04HG1	7921-04-04HG1	450
13	1/2" BSP	7922-06-06HG1	7921-06-06HG1	400
20	3/4" BSP	7922-08-08HG1	7921-08-08HG1	400
25	3/4" BSP	7922-12-12HG1	7921-12-12HG1	300
25	1" BSP	7922-16-16HG1	7921-16-16HG1	300

\* Otras referencias con roscas BSP, NPT, métricas y SAE a consultar.





### SERIE V2RH BSP / NPTF / ORB / SAE

Fabricados en acero calibrado. Disponibles con o sin taladros de fijación. Combinaciones de Roscas disponibles bajo pedido y cantidad mínima

#### Materiales:

Cuerpo: Acero al carbono EN -10277-3 /  
AISI 316L / AISI 303  
Tóricas: NBR, Vitón o EPDM  
Asiento bola: P.O.M. (Delrin®)  
Maneta: ZAMAK-5

#### Aplicaciones:

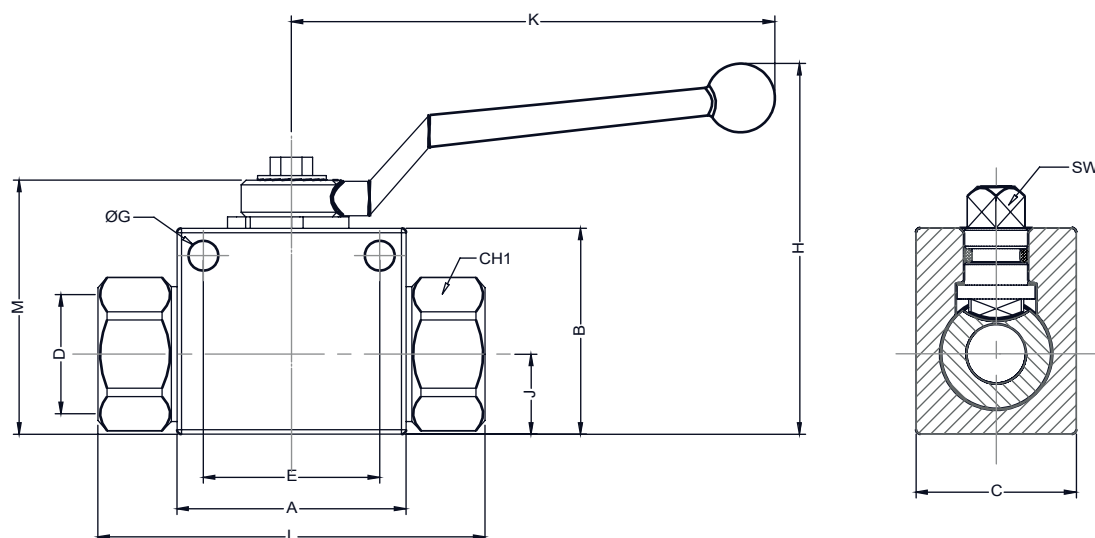
Diseñado para  
Aceite Hidráulico.  
Aplicaciones según  
la normativa Euro-  
pea 97.23.EC

#### Equivalencias:

PISTER BKH  
MHA BKH  
HYDAC KHB  
DMIC DVH

#### Temperaturas (°C):

NBR (+100, -30)  
Viton (+200, -10)  
EPDM (+150, -40)



#### Modelos estándar

DN	D	Ref.	PRES. (BAR)	CH1	L	A	B	M	K	H	J	C	SW	G	E
06	1/4" BSP	8200-04-04HG1	600	22	74,6	40	35	45,5	105,5	71	13	26	8,9	4,5	31,5
10	3/8" BSP	8200-06-06HG1	600	27	75,4	45	40	50,50	105,5	76	16	32	8,9	5,2	31,5
13	1/2" BSP	8200-08-08HG1	550	30	84,5	50	45	55,5	105,5	81	17,5	35	8,9	6,5	38,5
20	3/4" BSP	8200-12-12HG1	550	41	93,4	60	58	73	159,5	108	23	50	13,9	6,5	48,5
25	1" BSP	8200-16-16HG1	550	46	114,5	65	65	80	159,5	115	27,5	57	13,9	8,5	50,5
25	1 1/4" BSP	8200-20-20HG1	550	50	136,5	65	65	80	159,5	115	27,5	57	13,9	8,5	50,5
25	1 1/2" BSP	8200-24-24HG1	550	55	146,5	65	65	80	159,5	115	27,5	57	13,9	8,5	50,5

\* Otras referencias con roscas NPT y SAE a consultar.

**SERIE V2MT**  
**DIN2353**

Fabricados en acero calibrado. Disponibles con o sin taladros de fijación. Combinaciones de Roscas disponibles bajo pedido y cantidad mínima.

**Materiales:**

Cuerpo: Acero al carbono EN -10277-3 /  
 AISI 316L Tóricas: NBR, Vitón o EPDM  
 Asiento bola: P.O.M. (Delrin®)  
 Maneta: ZAMAK-5

**Aplicaciones:**

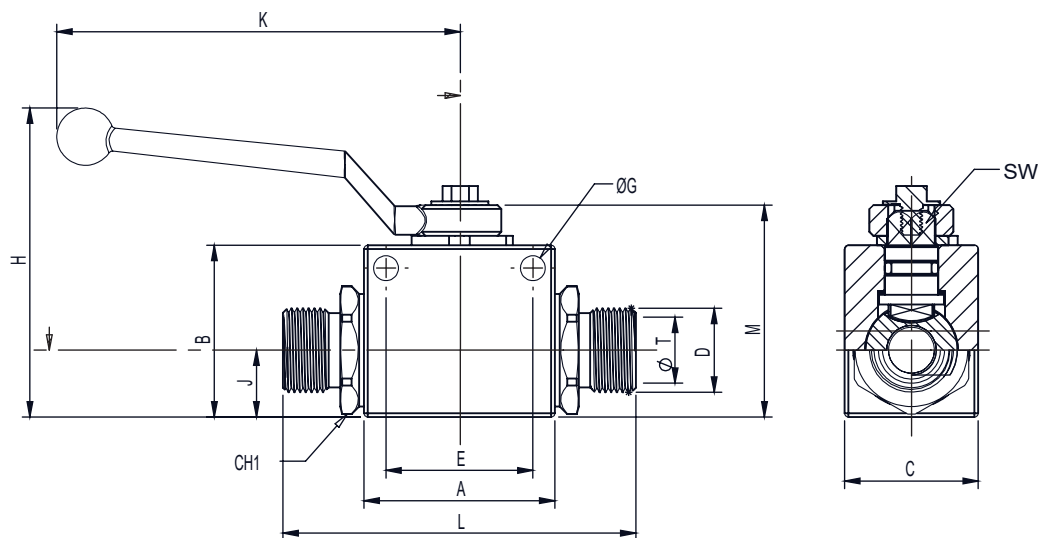
Diseñado para  
 Aceite Hidráulico.  
 Aplicaciones según  
 la normativa Euro-  
 pea 97.23.EC

**Equivalencias:**

PISTER BKH  
 MHA BKH  
 HYDAC KHB

**Temperaturas (°C):**

NBR (+100, -30)  
 Viton (+200, -10)  
 EPDM (+150, -40)



**Modelos estándar**

DN	D	ØT	Ref.	PRES. (BAR)	CH1	L	A	B	M	K	H	J	C	SW	G	E
06	M12x1,5	6L	8200-04-06LMM1	500	22	78,6	40	35	45,5	105,5	71	13	26	8,9	4,5	31,5
06	M14x1,5	8L	8200-04-08LMM1	500	22	79,6	40	35	45,5	105,5	71	13	26	8,9	4,5	31,5
06	M16x1,5	8S	8200-04-08SMM1	500	22	79,6	40	35	45,5	105,5	71	13	26	8,9	4,5	31,5
06	M18x1,5	10S	8200-04-10SMM1	500	22	79,6	40	35	45,5	105,5	71	13	26	8,9	4,5	31,5
10	M16x1,5	10L	8200-06-10LMM1	500	27	77,4	45	35	50,5	105,5	76	16	32	8,9	5,2	31,5
10	M18x1,5	12L	8200-06-12LMM1	500	27	79,4	45	35	50,5	105,5	76	16	32	8,9	5,2	31,5
13	M22x1,5	15L	8200-08-15LMM1	500	27	79,4	45	35	50,5	105,5	76	16	32	8,9	5,2	31,5
13	M26x1,5	18L	8200-08-18LMM1	500	27	79,4	45	35	50,5	105,5	76	16	32	8,9	5,2	31,5
13	M24x1,5	16S	8200-08-16SMM1	500	27	79,4	45	35	50,5	105,5	76	16	32	8,9	5,2	31,5
20	M30x2	22L	8200-12-22LMM1	500	30	92,5	50	45	55,5	105,5	81	17,5	35	8,9	6,5	38,5
20	M30x2	20S	8200-12-20SMM1	500	30	92,5	50	45	55,5	105,5	81	17,5	35	8,9	6,5	38,5
20	M30x2	20S	8200-12-25SMM1	500	30	92,5	50	45	55,5	105,5	81	17,5	35	8,9	6,5	38,5
25	M36x2	28L	8200-16-28LMM1	350	46	113,5	65	65	80	159,5	115	27,50	57	13,9	8,5	50,5
25	M42x2	30S	8200-16-28SMM1	350	46	128,5	65	65	80	159,5	115	27,50	57	13,9	8,5	50,5



**SERIE V2RD**  
 BSP / NPTF / SAE / ORB - AISI 316

Fabricados en acero calibrado. Combinaciones de Roscas disponibles bajo pedido y cantidad mínima.

**Materiales:**

Cuerpo: Acero al carbono EN -10277-3 / Acero inoxidable 316L  
 Tóricas: NBR, Vitón o EPDM  
 Asiento bola: P.O.M. (Delrin®)  
 Maneta: ZAMAK-5

**Aplicaciones:**

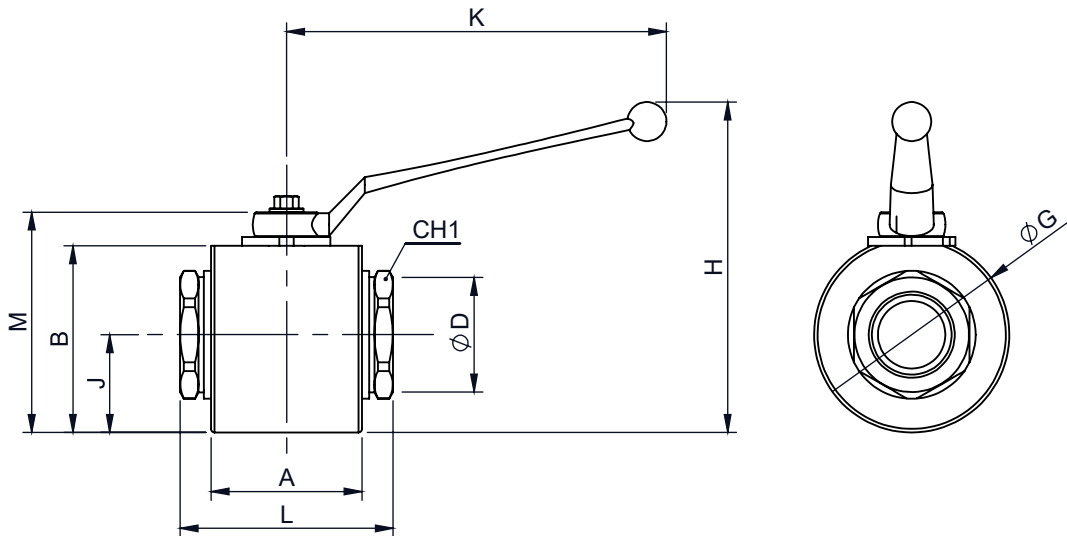
Diseñado para Aceite Hidráulico. Aplicaciones según la normativa Europea 97.23.EC

**Equivalencias:**

PISTER BKH  
 MHA BKH  
 HYDAC BKH  
 DMIC BVH

**Temperaturas (°C):**

NBR (+100, -30)  
 Viton (+200, -10)  
 EPDM (+150, -40)



DN	CH1	L	A	M	K	H	J	B	ØC
06	22	74,5	40	45,5	105,5	71	13	35	38
10	27	74,5	45	50,5	105,5	76	16	40	45
13	30	84,5	50	55,5	105,5	81	17,5	45	48
20	41	93,4	60	73	159,5	108	50	59,5	65
25	46	114,5	65	80	159,5	115	27,5	65	70
25	50	136,5	65	80	159,5	115	27,5	65	70
25	55	146,5	65	80	159,5	115	27,5	65	70
32	55	110	80	100	159,5	135	41	85,75	90
40	65	120	85	114	214	176	44,5	105	110
50	80	140	100	129	214	191	52	115	120

**Modelos estándar (AISI 316)**

DN	D	Ref.	PRES. (BAR)
06	1/4" BSP	8201-04-04-HG2	500
10	3/8" BSP	8201-06-06-HG2	500
13	1/2" BSP	8201-08-08-HG2	500
20	3/4" BSP	8201-12-12-HG2	400
25	1" BSP	8201-16-16-HG2	350
32	1 1/4" BSP	8201-20-20-HG2	320
40	1 1/2" BSP	8201-24-24-HG2	320
50	2" BSP	8201-32-32-HG2	320

\* Otras referencias con roscas BSP, NPT y SAE a consultar.

**SERIE V2RD**  
**ACERO AL CARBONO**

Fabricados en acero calibrado. Combinaciones de Roscas disponibles bajo pedido y cantidad mínima.

**Materiales:**

Cuerpo: Acero al carbono EN -10277-3 / Acero inoxidable 316L  
 Tóricas: NBR, Vitón o EPDM  
 Asiento bola: P.O.M. (Delrin®)  
 Maneta: ZAMAK-5

**Aplicaciones:**

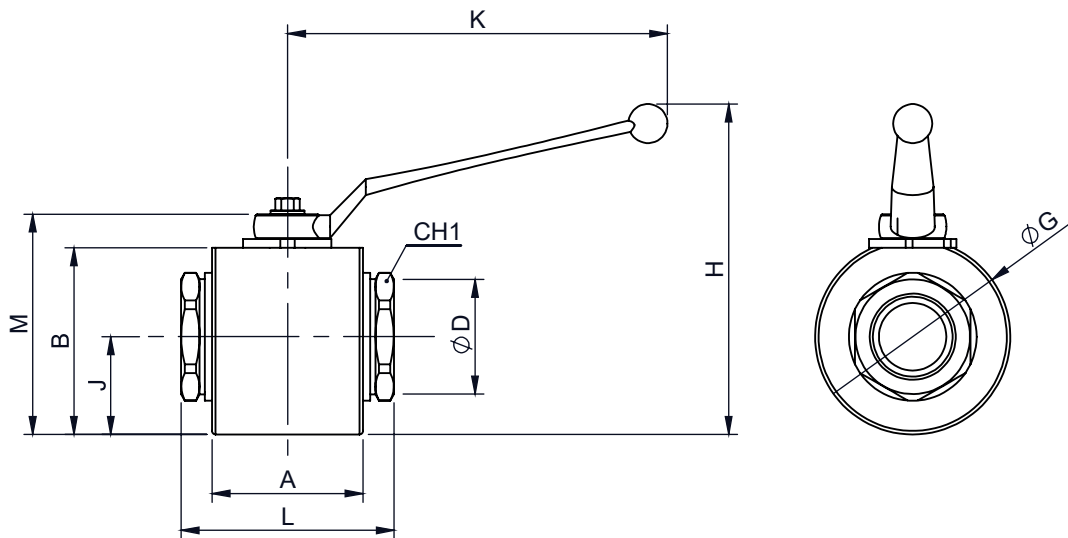
Diseñado para Aceite Hidráulico.  
 Aplicaciones según la normativa Europea 97.23.EC

**Equivalencias:**

PISTER BKH  
 MHA BKH  
 HYDAC BKH  
 DMIC BVH

**Temperaturas (°C):**

NBR (+100, -30)  
 Viton (+200, -10)  
 EPDM (+150, -40)



DN	CH1	L	A	M	K	H	J	B	ØC
32	55	110	80	100	159,5	135	41	85,75	90
40	65	120	85	114	214	176	44,5	105	110
50	80	140	100	129	214	191	52	115	120

**Modelos estándar (A. carbono)**

DN	D	Ref.	PRES. (BAR)
32	1 1/4" BSP	9200-20-20HG1	320
40	1 1/2" BSP	9200-24-24HG1	320
50	2" BSP	9200-32-32HG1	320

\* Otras referencias con roscas NPT y SAE a consultar.

**SERIE V3RH**  
 BSP / NPTF / SAE / ORB

Fabricados en acero calibrado. Disponibles con o sin taladros de fijación. Combinaciones de Roscas disponibles bajo pedido y cantidad mínima.

**Materiales:**

Cuerpo: Acero al carbono EN -10277-3  
 Tóricas: NBR, Vitón o EPDM  
 Asiento bola: P.O.M. (Delrin®)  
 Maneta: ZAMAK-5

**Aplicaciones:**

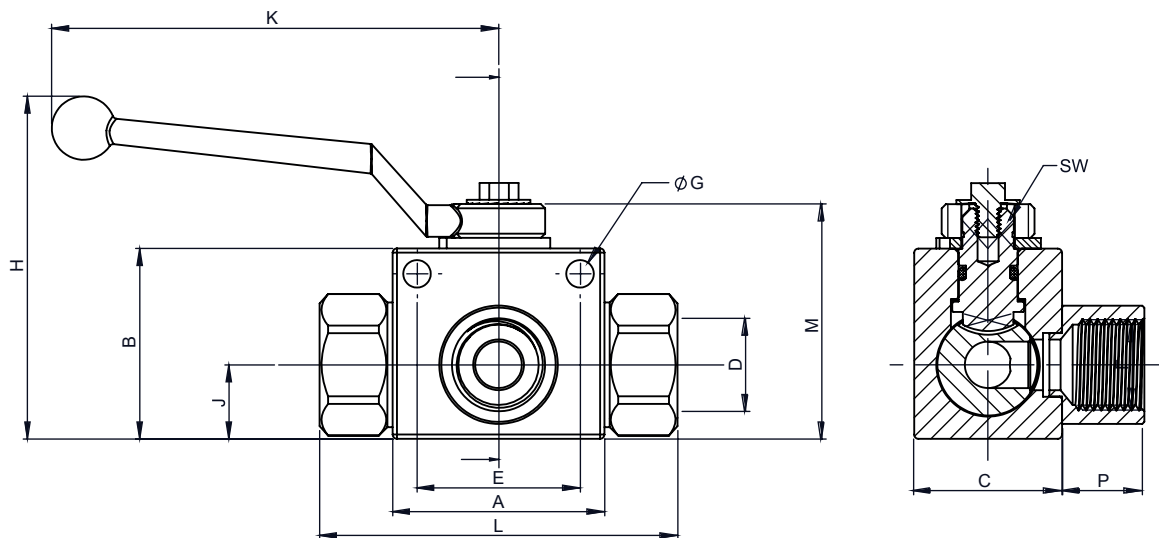
Diseñado para  
 Aceite Hidráulico.  
 Aplicaciones según  
 la normativa Euro-  
 pea 97.23.EC

**Equivalencias:**

PISTER BK3  
 MHA BK3  
 HYDAC KHB3K

**Temperaturas (°C):**

NBR (+100, -30)  
 Viton (+200, -10)  
 EPDM (+150, -40)



**Modelos estándar**

DN	D/F	Ref.	Pres. (bar)	CH1	L	A	B	M	K	H	J	C	SW	G	E	P
06	1/4" BSP	8310-04-04HG1	500	22	72,6	40	35	45,5	105,5	71	13	26	8,9	4,5	31,5	13
10	3/8" BSP	8310-06-06HG1	500	27	75,4	45	40	50,5	105,5	76	12	32	8,9	5,2	31,5	15
13	1/2" BSP	8310-08-08HG1	500	30	84,5	50	45	55,5	105,5	81	17,5	35	8,9	6,5	38,5	19,5
20	3/4" BSP	8310-12-12HG1	400	41	93,4	60	60	73	159,5	108	23	50	13,9	6,5	48,5	19
25	1" BSP	8310-16-16HG1	350	46	114,5	65	65	80	159,5	115	27,5	57	13,9	8,5	50,5	25
25	1 1/4" BSP	8310-20-20HG1	350	50	136,5	65	65	80	159,5	115	27,5	57	13,9	8,5	50,5	31
25	1 1/2" BSP	8310-24-24HG1	350	55	146,5	65	65	80	159,5	115	27,5	57	13,9	8,5	50,5	32

\* Otras referencias con roscas NPT y SAE a consultar.

**SERIE ATR ANTIRETORNO**  
ACERO AL CARBONO / AISI 316 - BSP / NPTF

Diseñado para evitar el retorno del fluido dentro del circuito. Sistema de cierre metálico (Sin Tóricas). Alta resistencia a los picos de presión. Presión de apertura estándar de 5psi. Otras presiones de apertura bajo pedido.

<b>Materiales:</b>	<b>Aplicaciones:</b>	<b>Equivalencias:</b>	<b>Temperaturas (°C):</b>
Cuerpo: Acero al carbono EN -10277-3 / AISI 316L	Diseñado para Aceite Hidráulico.	GROMELLE 4000	NBR (+100, -30)
Tóricas: NBR, Vitón o EPDM	Aplicaciones según la normativa Europea 97.23.EC	DMIC CVH	Viton (+200, -10)
Muelles: Acero al carbono DIN 17233/84(B) / AISI302 DIN 17224		PARKER DC	EPDM (+150, -40)
		SNAP TITE CPIFF	

**Modelos estándar (Acero al carbono)**

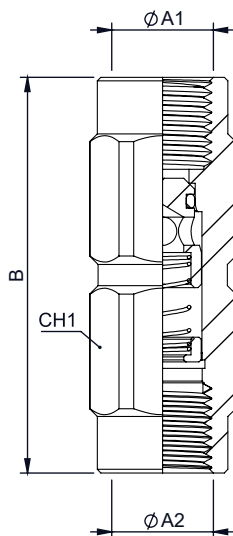
DN	ØA1/ ØA2	REF.	Pres. (bar)	CH	B
04	1/8" BSP	6600-02-HH1	300	14	44
06	1/4" BSP	6600-04-HH1	300	19	56
10	3/8" BSP	6600-06-HH1	300	22	70
13	1/2" BSP	6600-08-HH1	300	30	77
20	3/4" BSP	6600-12-HH1	300	36	90
25	1" BSP	6600-16-HH1	300	46	106
32	1 1/4" BSP	6600-20-HH1	300	55	125
40	1 1/2" BSP	6600-24-HH1	300	60	140
50	2" BSP	6600-32-HH1	200	75	160

\* Otras referencias con rosca NPT a consultar.

**Modelos estándar (Acero inoxidable)**

DN	ØA1/ ØA2	REF.	Pres. (bar)	CH	B
04	1/8" BSP	6600-02-HH2	300	14	44
06	1/4" BSP	6600-04-HH2	300	19	56
10	3/8" BSP	6600-06-HH2	300	22	70
13	1/2" BSP	6600-08-HH2	300	30	77
20	3/4" BSP	6600-12-HH2	300	36	90
25	1" BSP	6600-16-HH2	300	46	106
32	1 1/4" BSP	6600-20-HH2	300	55	125
40	1 1/2" BSP	6600-24-HH2	300	60	140
50	2" BSP	6600-32-HH2	200	75	160

\* Otras referencias con rosca NPT a consultar.



**ESPECIAL AGRICULTURA**

Ref: 1130/BSD

Tubo: Tube:	Caucho sintético resistente al aceite Oil resistant synthetic rubber
Refuerzo: Reinforcement:	Una malla de acero One Steel braid
Cubierta: Cover	Caucho sintético con gran resistencia al medio ambiente Synthetic rubber with high resistance to environmental
Servicio continuo: Continuous service	-40°C / +100°C -40°F / +212°F



Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
6	04	1/4	12,0	210	3000	840	12000	45	0,17
8	05	5/16	13,7	210	3000	840	12000	50	0,22
10	06	3/8	15,7	210	3000	840	12000	60	0,27
12	08	1/2	19,3	210	3000	840	12000	85	0,39

**SAE 100 R5**

Ref: 2503

Tubo: Tube:	Caucho sintético resistente al aceite Oil resistant synthetic rubber
Refuerzo: Reinforcement:	Una malla de acero One Steel braid
Cubierta: Cover	Un refuerzo textil A textile reinforcement
Servicio continuo: Continuous service	-40°C / +100°C -40°F / +212°F



Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
5	04	3/16	13,2	207	3000	830	12000	76	0,23
6	05	1/4	14,8	207	3000	830	12000	86	0,27
8	06	5/16	17,3	155	2250	620	9000	102	0,34
10	08	13/32	19,5	138	2000	550	8000	117	0,45
13	10	1/2	23,4	121	1750	480	7000	140	0,56
16	12	5/8	27,4	103	1500	410	6000	165	0,67
22	16	7/8	31,4	55	800	220	3200	187	0,69
29	20	1 1/8	38,1	43	625	170	2500	229	0,84
35	24	1 3/8	44,5	34	500	140	2000	267	1,06
46	32	1 13/16	56,4	24	350	100	1400	337	1,35

**DIN 2 TE**

Ref: 2502

Tubo: Tube:	Caucho sintético resistente al aceite Oil resistant synthetic rubber
Refuerzo: Reinforcement:	Una capa de hilos textiles trenzados( $\text{Ø}\leq 25$ ), 2 capas de hilos textiles trenzados( $\text{Ø}\geq 25$ ) A layer of woven textile threads ( $\text{Ø}\leq 25$ ), 2 layers of woven textile threads ( $\text{Ø}\geq 25$ )
Cubierta: Cover	Caucho sintético con gran resistencia al medio ambiente Synthetic rubber with high resistance to environmental
Servicio continuo: Continuous service	-40°C / + 100°C -40°F / +212°F



Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
6	04	1/4	13,4	75	1100	300	4400	40	0,14
8	05	5/16	14,9	68	986	270	3945	50	0,15
10	06	3/8	16,5	63	914	250	3655	60	0,19
13	08	1/2	19,7	58	840	230	3365	70	0,24
16	10	5/8	23,9	50	730	200	2920	90	0,29
19	12	3/4	27,0	45	650	180	2600	110	0,41
25	16	1	34,4	40	580	160	2320	150	0,60

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

Ref: 2230

Tubo: Tube:	Caucho sintético resistente al aceite Oil resistant synthetic rubber
Refuerzo: Reinforcement:	Una malla de acero One Steel braid
Cubierta: Cover	Caucho sintético con gran resistencia al medio ambiente Synthetic rubber with high resistance to environmental
Servicio continuo: Continuous service	-40°C / +100°C -40°F / +212°F



Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
5	03	3/16	11,6	250	3630	1000	14520	90	0,18
6	04	1/4	13,2	225	3270	900	13080	100	0,22
8	05	5/16	14,7	215	3120	860	12480	115	0,26
10	06	3/8	17,1	180	2610	720	10460	130	0,33
13	08	1/2	20,2	160	2320	640	9280	180	0,42
16	10	5/8	23,2	130	1890	520	7560	200	0,51
19	12	3/4	27,4	105	1530	420	6120	240	0,62
25	16	1	35,4	88	1280	350	5120	300	0,92
32	20	1 1/4	42,8	63	920	250	3680	420	1,20
38	24	1 1/2	49,9	50	730	200	2920	500	1,48
51	32	2	63,2	40	580	160	2320	630	2,00





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

Ref: 2230/BSD

Tubo: Tube:	Caucho sintético resistente al aceite Oil resistant synthetic rubber
Refuerzo: Reinforcement:	Una malla de acero One Steel braid
Cubierta: Cover	Caucho sintético con gran resistencia al medio ambiente Synthetic rubber with high resistance to environmental
Servicio continuo: Continuous service	-40°C / +100°C -40°F / +212°F



Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
6	04	1/4	13,0	225	3265	900	13050	100	0,19
8	05	5/16	14,7	215	3120	860	12470	115	0,22
10	06	3/8	16,8	180	2610	720	10440	125	0,28
12	08	1/2	20,0	160	2320	640	9280	180	0,36
16	10	5/8	23,2	130	1885	520	7540	200	0,44
19	12	3/4	27,1	105	1525	420	6090	240	0,56
25	16	1	35,1	88	1275	352	5104	300	0,83
31	20	1 1/4	42,5	63	915	252	3654	420	1,07
38	24	1 1/2	50,1	50	725	200	2900	500	1,42
51	32	2	64,1	40	580	160	2320	630	2,01

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

Ref: 3511

Tubo: Tube:	Caucho sintético resistente al aceite Oil resistant synthetic rubber
Refuerzo: Reinforcement:	Dos mallas de acero Two Steel braids
Cubierta: Cover	Caucho sintético con gran resistencia al medio ambiente Synthetic rubber with high resistance to environmental
Servicio continuo: Continuous service	-40°C / +100°C -40°F / +212°F



Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
5	03	3/16	13,4	420	6000	1680	24000	90	0,29
6	04	1/4	15,0	400	5800	1600	23200	100	0,36
8	05	5/16	16,7	350	5000	1400	20000	115	0,42
10	06	3/8	19,1	330	4800	1320	19200	125	0,51
13	08	1/2	22,2	275	4000	1100	16000	175	0,64
16	10	5/8	25,4	250	3630	1000	14520	200	0,74
19	12	3/4	29,3	215	3120	860	12480	240	0,91
25	16	1	38,1	165	2400	660	9600	300	1,32
31	20	1 1/4	48,3	125	1820	500	7280	420	1,93
38	24	1 1/2	54,6	90	1310	360	5240	500	2,41
51	32	2	67,4	80	1160	320	4640	630	2,96



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

Ref: 3511/BSD

Tubo: Tube:	Caucho sintético resistente al aceite Oil resistant synthetic rubber
Refuerzo: Reinforcement:	Dos mallas de acero Two Steel braids
Cubierta: Cover	Caucho sintético con gran resistencia al medio ambiente Synthetic rubber with high resistance to environmental
Servicio continuo: Continuous service	-40°C / +100°C -40°F / +212°F



Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
6	04	1/4	14,4	400	5800	1600	23200	100	0,31
8	05	5/16	16,0	350	5075	1400	20000	115	0,37
10	06	3/8	18,4	330	4785	1320	19200	125	0,44
12	08	1/2	21,4	275	4000	1100	16000	180	0,53
16	10	5/8	24,6	250	3625	1000	14520	200	0,66
19	12	3/4	28,6	215	3120	860	12480	240	0,84
25	16	1	37,1	165	2395	660	9600	300	1,23
31	20	1 1/4	46,7	125	1815	500	7280	420	1,77
38	24	1 1/2	54,5	90	1305	360	5240	500	2,17
51	32	2	66,7	80	1160	320	4640	630	2,79

**SAE 100 R1AT DIN EN 857 / 1 SC**

Ref: 2239/BSD

Tubo: Tube:	Caucho sintético resistente al aceite Oil resistant synthetic rubber
Refuerzo: Reinforcement:	Una malla de acero One Steel braid
Cubierta: Cover	Caucho sintético con gran resistencia al medio ambiente Synthetic rubber with high resistance to environmental
Servicio continuo: Continuous service	-40°C / +100°C -40°F / +212°F



Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
6	04	1/4	11,9	225	3262	900	13050	75	0,16
8	05	5/16	13,7	215	3117	860	12470	85	0,21
10	06	3/8	15,7	180	2610	720	10440	90	0,26
12	08	1/2	19,5	160	2320	640	9280	130	0,34

### SAE 100 R2AT DIN EN 857 / 2 SC

Ref: 3539/BSD

Tubo:	Caucho sintético resistente al aceite
Tube:	Oil resistant synthetic rubber
Refuerzo:	Dos mallas de acero
Reinforcement:	Two Steel braids
Cubierta:	Caucho sintético con gran resistencia al medio ambiente
Cover:	Synthetic rubber with high resistance to environmental
Servicio continuo:	-40°C / + 100°C
Continuous service:	-40°F / +212°F



Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
6	04	1/4	13,0	400	5800	1600	23200	75	0,25
8	05	5/16	14,6	350	5075	1400	20300	85	0,30
10	06	3/8	16,6	330	4785	1320	19140	90	0,37
12	08	1/2	20,0	275	3990	1100	15950	130	0,45

### EXTREMA TEMPERATURA | EXTREME TEMPERATURE

Ref: EQUATOR/1

Tubo:	Caucho sintético resistente al aceite
Tube:	Oil resistant synthetic rubber
Refuerzo:	Una malla de acero
Reinforcement:	One Steel braid
Cubierta:	Caucho sintético con gran resistencia al ozono, agua a altas temperaturas
Cover:	Synthetic rubber with high resistance to ozone, water at high temperatures
Servicio continuo:	-40°C / + 150°C
Continuous service:	-40°F / +302°F
Máx. temp. aire:	+110°C
Max. temp. air:	-230°F



Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
6	04	1/4	13,4	225	3260	900	13080	100	0,22
10	06	3/8	17,4	180	2610	720	10460	130	0,32
13	08	1/2	20,6	160	2320	640	9280	180	0,42
16	10	5/8	23,7	130	1890	520	7560	200	0,51
19	12	3/4	27,7	105	1530	420	6120	240	0,61
25	16	1	35,6	88	1280	350	5120	300	0,93

**EXTREMA TEMPERATURA | EXTREME TEMPERATURE**

Ref: EQUATOR/2

Tubo: Tube:	Caucho sintético resistente al aceite Oil resistant synthetic rubber
Refuerzo: Reinforcement:	Una malla de acero One Steel braid
Cubierta: Cover	Caucho sintético con gran resistencia al ozono, agua a altas temperaturas Synthetic rubber with high resistance to ozone, water at high temperatures
Servicio continuo: Continuous service	-40°C / + 150°C -40°F / +302°F
Máx. temp. aire: Max. temp. air	+110°C -230°F

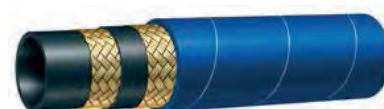


Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
6	04	1/4	15,0	400	5800	1600	23200	100	0,36
10	06	3/8	19,1	330	4800	1320	19200	130	0,51
13	08	1/2	22,2	280	4000	1120	16000	180	0,64
16	10	5/8	25,4	250	3630	1000	14520	200	0,74
19	12	3/4	29,3	215	3120	860	12480	240	0,91
25	16	1	38,1	165	2400	660	9600	300	1,32
32	20	1 1/4	48,3	125	1820	500	7280	420	1,93
38	24	1 1/2	54,6	90	1310	360	5240	500	2,41
51	32	2	67,4	80	1160	320	4640	630	2,96

**SUPERJET / 2T**

Ref: 3515

Tubo: Tube:	Caucho sintético resistente al aceite Oil resistant synthetic rubber
Refuerzo: Reinforcement:	Dos mallas de acero Two Steel braids
Cubierta: Cover	Caucho sintético con gran resistencia al medio ambiente Synthetic rubber with high resistance to environmental
Servicio continuo: Continuous service	-40°C / + 155°C -40°F / +311°F



Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
6	04	1/4	13,4	400	5800	1600	23200	70	0,28
8	05	5/16	15,0	400	5800	1500	22000	76	0,31
10	06	3/8	17,4	400	5800	1400	20000	90	0,40
13	08	1/2	20,6	400	5800	1200	18000	115	0,55

### SUPERJET / 2T

Ref: 3515/BSO

Tubo:	Caucho sintético resistente al aceite
Tube:	Oil resistant synthetic rubber
Refuerzo:	Dos mallas de acero
Reinforcement:	Two Steel braids
Cubierta:	Caucho sintético con gran resistencia al medio ambiente
Cover:	Synthetic rubber with high resistance to environmental
Servicio continuo:	-10°C / + 155°C
Continuous service:	14°F / +311°F



Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
6	04	1/4	14,4	400	5800	1600	23200	100	0,31
8	05	5/16	16,0	400	5800	1400	20000	115	0,37
10	06	3/8	18,4	400	5800	1320	19140	125	0,44
12	08	1/2	21,4	400	5800	1100	15950	180	0,56

### DIN EN 856 / 4SP SAE 100 R9R

Ref: 4290

Tubo:	Caucho sintético resistente al aceite
Tube:	Oil resistant synthetic rubber
Refuerzo:	Cuatro mallas de acero
Reinforcement:	Four Steel braids
Cubierta:	Caucho sintético con gran resistencia al ozono, agua a altas temperaturas
Cover:	Synthetic rubber with high resistance to ozone, water at high temperatures
Servicio continuo:	-40°C / +100°C
Continuous service:	-40°F / +212°F



Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
6	04	1/4	17,9	450	6550	1800	26200	150	0,58
10	06	3/8	21,4	445	6450	1780	25800	180	0,75
13	08	1/2	24,6	415	6000	1660	24000	230	0,88
16	10	5/8	28,2	350	5000	1400	20000	250	1,05
19	12	3/4	32,2	380	5510	1520	22040	300	1,44
25	16	1	39,7	320	4640	1280	18560	340	1,96

**DIN EN 856 / 4SP SAE 100 R9R**

Ref: 4290/BSD

Tubo:	Caucho sintético resistente al aceite
Tube:	Oil resistant synthetic rubber
Refuerzo:	Cuatro mallas de acero
Reinforcement:	Four Steel braids
Cubierta:	Caucho sintético con gran resistencia a la abrasión, al ozono y al agua
Cover:	Synthetic rubber with high resistance to abrasion, ozone, water at high temperatures
Servicio continuo:	-40°C / +100°C
Continuous service:	-40°F / +212°F



Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
10	06	3/8	21,1	445	6455	1780	25810	180	0,70
13	08	1/2	24,2	425	6165	1700	24650	230	0,85
16	10	5/8	27,9	350	5075	1560	22620	250	1,04
19	12	3/4	32,0	350	5075	1540	22330	300	1,32
25	16	1	38,9	320	4640	1280	18560	340	2,06

**DIN EN 856 / 4SH**

Ref: 4270

Tubo:	Caucho sintético resistente al aceite
Tube:	Oil resistant synthetic rubber
Refuerzo:	Cuatro mallas de acero
Reinforcement:	Four Steel braids
Cubierta:	Caucho sintético con gran resistencia a la abrasión, al ozono y al agua
Cover:	Synthetic rubber with high resistance to abrasion, ozone, water at high temperatures
Servicio continuo:	-40°C / + 100°C
Continuous service:	-40°F / +212°F

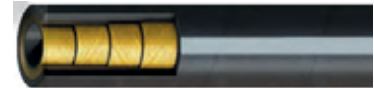


Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
19	12	3/4	32,2	420	6000	1680	24000	280	1,57
25	16	1	38,7	380	5500	1520	22000	340	1,95
32	20	1 1/4	45,5	350	5000	1400	20000	460	2,47
38	24	1 1/2	53,5	290	4200	1160	16800	560	3,27
51	32	2	68,1	250	3650	1100	14600	700	4,67

### DIN EN 856 / 4SH

Ref: 4270/BSD

Tubo: Tube:	Caucho sintético resistente al aceite Oil resistant synthetic rubber
Refuerzo: Reinforcement:	Cuatro mallas de acero Four Steel braids
Cubierta: Cover	Caucho sintético con gran resistencia a la abrasión, al ozono y al agua Synthetic rubber with high resistance to abrasion, ozone, water at high temperatures
Servicio continuo: Continuous service	-40°C / + 100°C -40°F / +212°F



Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
19	12	3/4	31,9	420	6090	1680	24360	280	1,43
25	16	1	38,7	380	5510	1520	22040	340	2,20
31	20	1 1/4	46,4	350	5075	1380	20010	460	2,58

### SAE 100 R12 - EN 856 R12

Ref: 4250

Tubo: Tube:	Caucho sintético resistente al aceite Oil resistant synthetic rubber
Refuerzo: Reinforcement:	Cuatro mallas de acero Four Steel braids
Cubierta: Cover	Caucho sintético con gran resistencia al medio ambiente Synthetic rubber with high resistance to environmental
Servicio continuo: Continuous service	-40°C / + 100°C -40°F / +212°F

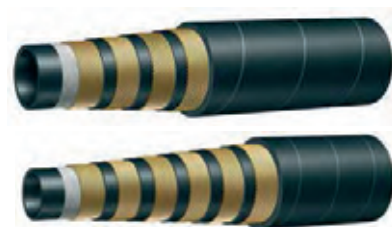


Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
10	06	3/8	20,3	280	4000	1120	16000	127	0,61
13	08	1/2	23,8	280	4000	1120	16000	178	0,76
19	12	3/4	30,7	280	4000	1120	16000	241	1,19
25	16	1	38,0	280	4060	1120	16000	305	1,76
32	20	1 1/4	47,0	210	3000	840	12000	419	2,69
38	24	1 1/2	53,5	175	2500	700	10000	508	3,08
51	32	2	66,7	175	2500	700	10000	635	3,97

**SAE 100 R13 - EN 856 R13**

Ref: 6250

Tubo:	Caucho sintético resistente al aceite
Tube:	Oil resistant synthetic rubber
Refuerzo:	Cuatro mallas de acero (DN <31). Seis mallas de
Reinforcement:	acero (DN 31/38)
	Four steel braids (DN<31)). Six steel braids (DN31/38)
Cubierta:	Caucho sintético con gran resistencia al medio
Cover:	ambiente
	Synthetic rubber with high resistance to environmental
Servicio continuo:	-40°C / + 100°C
Continuous service:	-40°F / +212°F



Tamaño manguera				Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size				Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
Mallas/ Braids	DN	galga/ dash	pulg./ inch.	mm	bar	psi	bar	psi	mm	kg/m
4	25	16	1	38,7	380	5500	1520	22000	305	2,00
6	32	20	1 1/4	49,8	350	5000	1400	20000	419	3,60
6	38	24	1 1/2	57,3	350	5000	1400	20000	508	4,80
6	51	32	2	70,9	350	5000	1400	20000	635	6,60

**R15**

Ref: 6271

Tubo:	Caucho sintético resistente al aceite
Tube:	Oil resistant synthetic rubber
Refuerzo:	Cuatro mallas de acero
Reinforcement:	Four Steel braids
Cubierta:	Caucho sintético con gran resistencia al medio
Cover:	ambiente
	Synthetic rubber with high resistance to environmental
Servicio continuo:	-40°C / + 121°C
Continuous service:	-40°F / +249,8 °F



Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
19	12	3/4	31,2	420	6000	1680	24000	210	1,47
25	16	1	37,8	420	6000	1680	24000	280	2,03
31	20	1 1/4	46,1	420	6000	1680	24000	445	2,92



### SAE 100 R7

Ref: 2940

Tubo: Tube:	Poliéster termoplástico Thermoplastic polyester
Refuerzo: Reinforcement:	Una malla de acero One steel braid
Cubierta: Cover	Poliuretano Poliuretano
Servicio continuo: Continuous service	-40°C / + 100°C -40°F / +212°F



Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
5	03	3/16	10,0	325	4710	1300	18550	30	0,133
6	04	1/4	11,9	300	4350	1200	17400	40	0,170
8	05	5/16	14,0	240	3480	960	13920	50	0,221
10	06	3/8	16,0	225	3262	900	13050	60	0,260
12	08	1/2	19,2	190	2755	760	11020	75	0,326
16	10	5/8	23,3	150	2175	600	8700	110	0,412
19	12	3/4	25,5	130	1885	520	7540	150	0,454
25	16	1	32,5	105	1520	420	6080	185	0,590

### SAE 100 R7

Ref: 2941

Tubo: Tube:	Poliéster termoplástico Thermoplastic polyester
Refuerzo: Reinforcement:	Dos mallas de acero Two steel braids
Cubierta: Cover	Poliuretano Poliuretano
Servicio continuo: Continuous service	-40°C / + 100°C -40°F / +212°F



Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
6	04	1/4	13,5	400	5800	1600	23200	40	0,294
8	05	5/16	15,1	350	5075	1400	20300	50	0,346
10	06	3/8	17,0	330	4785	1320	19140	60	0,418
12	08	1/2	21,5	275	3988	1100	15950	75	0,583
16	10	5/8	24,5	250	3625	1000	14500	110	0,660
19	12	3/4	27,5	215	3118	860	12470	150	0,788
25	16	1	35,0	165	2400	660	9600	185	1,053

**SAE 100 R7**

Ref: 2944

Tubo:	BITUBO - Poliéster termoplástico
Tube:	BI-TUBE - Thermoplastic polyester
Refuerzo:	Una malla de acero
Reinforcement:	One steel braid
Cubierta:	Poliuretano
Cover:	Poliuretano
Servicio continuo:	-40°C / + 100°C
Continuous service:	-40°F / +212°F



Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
6	04	1/4	11,9	300	4350	1200	17400	40	0,170
8	05	5/16	14,0	240	3480	960	13920	50	0,221
10	06	3/8	16,0	225	3262	900	13050	60	0,260
12	08	1/2	19,2	190	2755	760	11020	75	0,326

**SAE 100 R7**

Ref: 3940

Tubo:	Poliéster termoplástico
Tube:	Thermoplastic polyester
Refuerzo:	Dos mallas textiles
Reinforcement:	Two textile braids
Cubierta:	Poliuretano
Cover:	Poliuretano
Servicio continuo:	-40°C / + 100°C
Continuous service:	-40°F / +212°F



Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
5	03	3/16	10,0	210	3045	840	12810	30	0,073
6	04	1/4	11,8	200	2900	800	11600	35	0,090
8	05	5/16	14,3	190	2755	760	11020	45	0,128
10	06	3/8	16,0	175	2537	700	10150	55	0,155
12	08	1/2	20,3	140	2030	560	8120	75	0,219
16	10	5/8	23,5	105	1522	420	6090	120	0,277
19	12	3/4	26,5	90	1305	360	5220	145	0,330
25	16	1	33,6	70	1015	280	4060	200	0,403

### SAE 100 R7

Ref: VE 7

Tubo: Tube:	Poliéster termoplástico Thermoplastic polyester
Refuerzo: Reinforcement:	Dos mallas textiles Two textile braids
Cubierta: Cover	Poliuretano Polyurethane
Servicio continuo: Continuous service	-40°C / + 100°C -40°F / +212°F



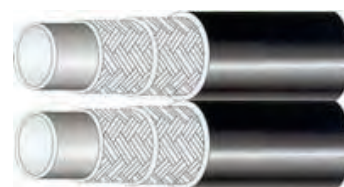
Especial para ISOCIONATO. Pintura - disolvente  
Special to ISOCYNATE. Painting - solvent

Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
5	03	3/16	10,0	210	3045	840	12180	30	0,068
6	04	1/4	11,8	200	2900	800	11600	35	0,087
8	05	5/16	14,3	190	2755	760	11020	45	0,126
10	06	3/8	16,0	175	2537	700	10150	55	0,146
12	08	1/2	20,3	140	2030	560	8120	75	0,214
19	12	3/4	26,5	90	1305	360	5220	145	0,301

### SAE 100 R7

Ref: 3944

Tubo: Tube:	BITUBO - Poliéster termoplástico BI-TUBE - Thermoplastic polyester
Refuerzo: Reinforcement:	Dos mallas textiles Two textile braids
Cubierta: Cover	Poliuretano Polyurethane
Servicio continuo: Continuous service	-40°C / + 100°C -40°F / +212°F



Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.	Peso
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius	Weight
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm	kg/m
5	03	3/16	10,0	210	3045	840	12180	30	0,068
6	04	1/4	11,8	200	2900	800	11600	35	0,087
8	05	5/16	14,3	190	2755	760	11020	45	0,126
10	06	3/8	16,0	175	2537	700	10150	55	0,146
12	08	1/2	20,3	140	2030	560	8120	75	0,214

**Ref: 2905 y 2905AS (calidad antiestática)**

Tubo: Tube:	Ondulado helicoidal y una envoltura de cinta de vidrio Helically corrugated wrap tape and glass
Espesor: Thickness:	Estándar Standard
Refuerzo: Reinforcement:	Una malla de inoxidable AISI-304 One stainless braid AISI-304
Servicio continuo: Continuous service	-54°C / + 204°C -65,2°F / +399,2°F



- Medidas disponibles para ambas referencias. Las demás referencias solo están disponibles en la versión 2905.  
*Measures available to both references. Other references are only available in version 2905.*

Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm
10 ●	06	3/8	15,00	69	1000	276	4000	25
12 ●	08	1/2	19,18	86	1250	345	5000	38
16	10	5/8	23,04	97	1400	386	5600	51
20 ●	12	3/4	26,87	76	1100	303	4400	64
25	16	1	32,90	60	875	241	3500	76
32	20	1 1/4	39,78	60	875	241	3500	89
40	24	1 1/2	45,70	52	750	207	3000	114
50	32	2	58,27	34	500	138	2000	133
65	40	2 1/2	75,0	24,5	-	98	-	320

**Ref: 2907 y 2907AS (calidad antiestática)**

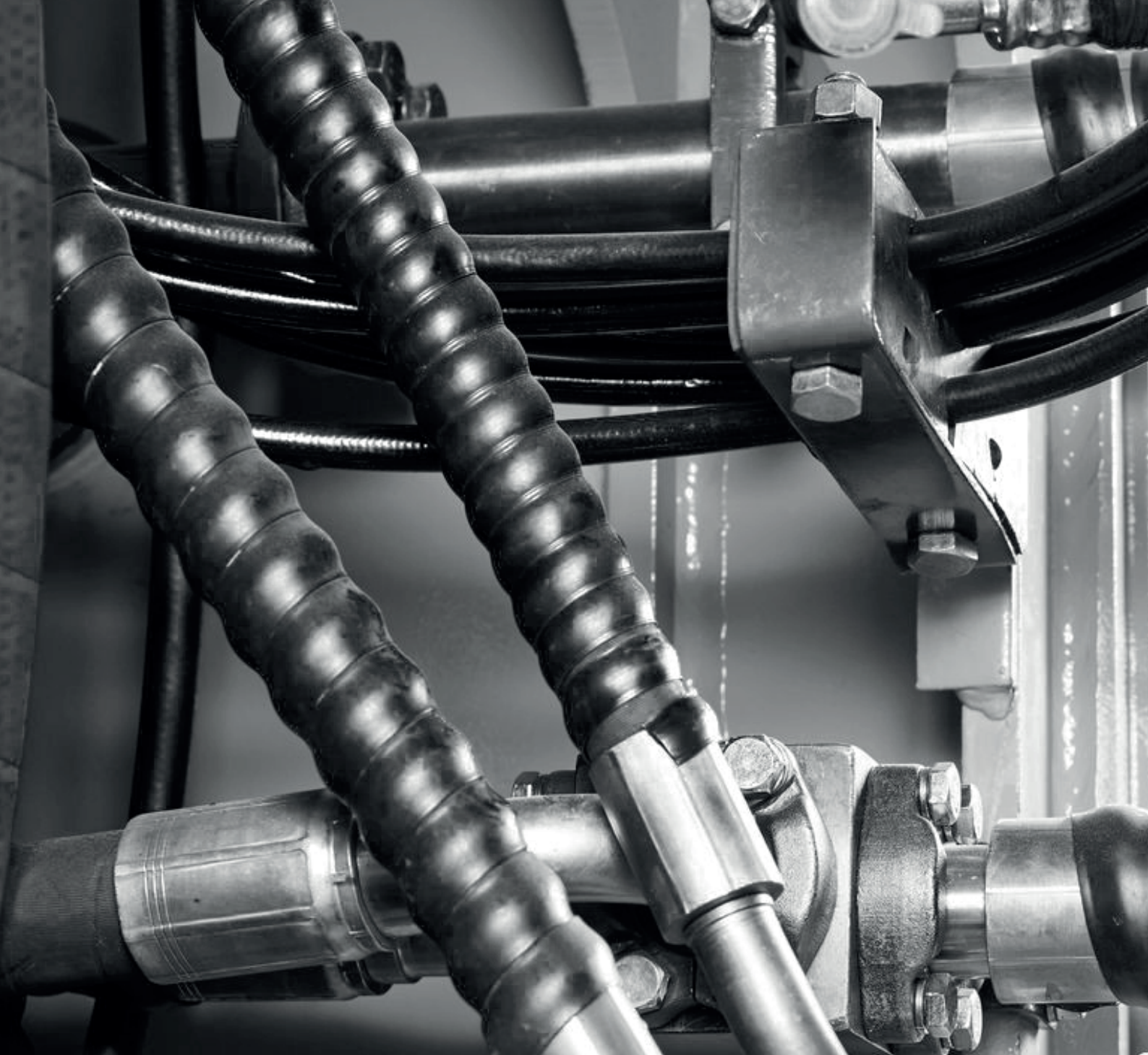
Tubo: Tube:	Corrugado helicoidal de PTFE PTFE helically corrugated
Refuerzo: Reinforcement:	Una malla de inoxidable AISI-304 One stainless braid AISI-304
Servicio continuo: Continuous service	-54°C / + 204°C -65,2°F / +399,2°F



- Medidas disponibles para ambas referencias. Las demás referencias solo están disponibles en la versión 2905.  
*Measures available to both references. Other references are only available in version 2905.*

Tamaño manguera			Ø Ext.	Presión máxima de trabajo		Presión mín. de rotura		Radio curvat.
Hose size			Ø Ext.	Max. working pressure		Min. burst pressure		Bend radius
DN	galga/dash	pulg./inch.	mm	bar	psi	bar	psi	mm
6	04	1/4	9,90	172	2494	517	7496	18
10 ●	06	3/8	14,50	138	2001	414	6003	20
12 ●	08	1/2	19,20	103	1493	310	4495	25
16	10	5/8	24,00	83	1203	248	3596	51
20 ●	12	3/4	24,65	69	1000	207	3000	64
25	16	1	32,77	46	667	138	2000	89
32	20	1 1/4	40,72	34	500	103	1500	127
40	24	1 1/2	48,25	30	435	90	1305	152
50	32	2	61,50	23	333	69	1000	200





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