

Terminais prensados

Terminais
Prensados

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Identificando Roscas

As roscas são identificadas pelo seu diâmetro (externo nos machos e interno nas fêmeas) e pelo número de fios nelas existentes por polegada (sistema imperial), ou pela distância entre seus fios, em milímetros (sistema métrico). O sistema imperial é identificado em fios por polegada (FPP). O sistema métrico é identificado pelo diâmetro da rosca seguida pela distância entre os picos dos fios.

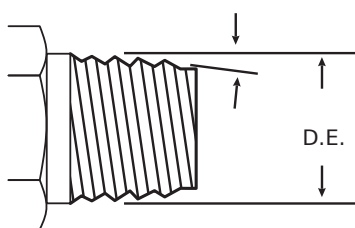
Exemplos:

Rosca de 3/8" com 19 fios por polegada = 3/8"-19, Rosca de 22mm com distância de 1,5mm entre fios = M22x1.5.

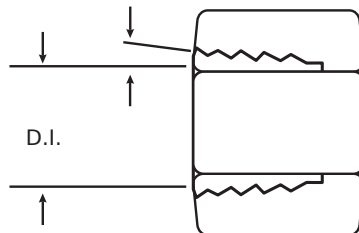
Tipos de Roscas:

NPTF

Rosca de cano, com vedação a seco nos filetes SAE J516 30°



Macho

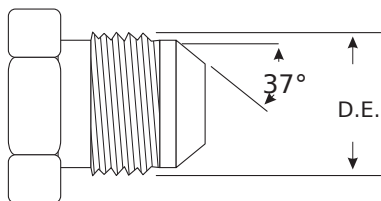


Fêmea

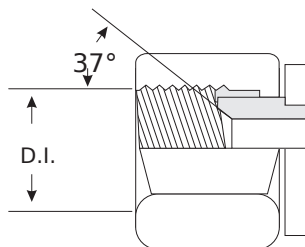
Traço	Bitola Nominal	D.I.	D.E.	Torque Sugerido (NM)
		(mm)	(mm)	(min.)
-2	1/8"-27	8.7	10.3	20
-4	1/4"-18	11.9	14.3	30
-6	3/8"-18	15.1	17.5	40
-8	1/2"-14	18.3	21.4	55
-12	3/4"-14	23.8	27.0	70
-16	1"-11,5	30.2	33.3	90
-20	1.1/4"-11,5	38.9	42.9	100
-24	1.1/2"-11,5	44.5	48.4	120
-32	2"-11,5	57.2	60.3	consultar

SAE J514 JIC 37°

O sistema de vedação das conexões JIC é feito sobre um ângulo de 37°, as roscas são UNF/UN estando disponíveis em porca passante ou auto travante.



JIC 37° Macho

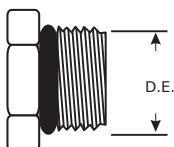


JIC 37° Fêmea

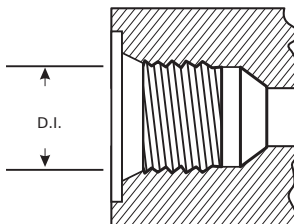
Traço	Bitola Nominal	D.I.	D.E.	Torque Sugerido (NM)	
		(mm)	(mm)	(min.)	(máx.)
-2	5/16"-24	6.9	7.8	consultar	consultar
-3	3/8"-24	8.5	9.4	consultar	consultar
-4	7/16"-20	9.9	11.2	12	15
-5	1/2"-20	11.5	12.6	18	22
-6	9/16"-18	12.9	14.1	24	32
-8	3/4"-16	17.5	18.9	45	52
-10	7/8"-14	20.5	22.1	68	80
-12	1.1/16"-12	24.9	26.9	93	105
-14	1.3/16"-12	28.1	30.3	115	130
-16	1.5/16"-12	31.3	33.1	130	148
-20	1.5/8"-12	39.2	41.1	175	192
-24	1.7/8"-12	45.6	47.4	215	230
-32	2.1/2"-12	61.4	63.3	consultar	consultar

SAE J514 UNF/UN - Vedação com O'ring

Esse sistema de rosca segue o mesmo padrão do JIC 37° mudando somente a vedação que nesse é feito por um anel de borracha.



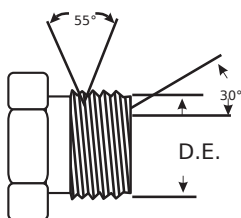
Macho com O'Ring



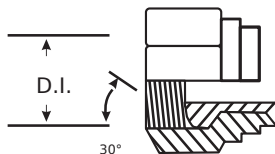
Fêmea com assento para O'Ring

BSPP e BSPT

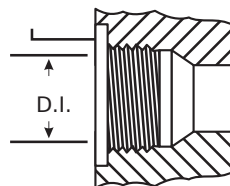
Conexões BSP podem ser paralelas ou cônicas. A vedação na BSPT é feita a seco nos filetes de rosca e na BSPP pode ser feita no assento de 60° do cone ou através de anel ou arruela na base da rosca.



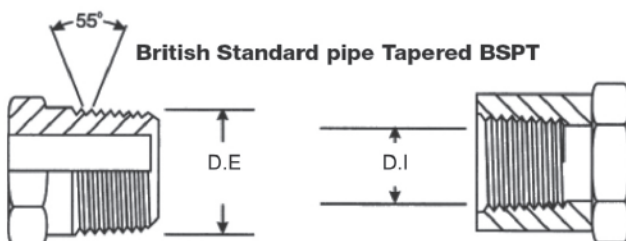
BSPP Macho



BSPP Fêmea



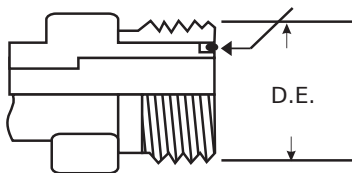
BSPP Fêmea Bloco



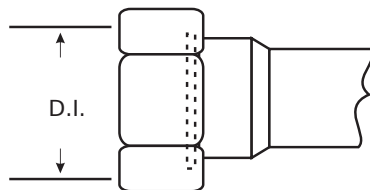
Traço	Bitola Nominal	D.I.	D.E.	Torque Sugerido (NM)	
		(mm)	(mm)	(min.)	(máx.)
-2	1/8"-27	8.7	9.5	10	12
-4	1/4"-18	11.1	13.5	15	20
-6	3/8"-18	15.1	16.7	25	32
-8	1/2"-14	18.3	20.6	45	55
-10	5/8"-14	20.6	23.0	55	65
-12	3/4"-14	23.8	26.2	80	93
-16	1"-11	30.2	33.3	104	120
-20	1.1/4"-11	38.9	41.1	150	170
-24	1.1/2"-11	45.2	47.6	210	230
-32	2"-11	56.4	59.5	consultar	consultar

ORFS SAE J1453

Nessas roscas a vedação é feita através de um O'ring colocado em sua face. O sistema de vedação dessas conexões permite operações de trabalho sob altas pressões sem apresentar vazamentos.



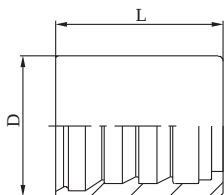
O'Ring Face Seal
Macho



O'Ring Face Seal
Fêmea

Traço	Bitola Nominal	D.I. (mm)	D.E. (mm)	Torque Sugerido (NM)	
				(min.)	(máx.)
-4	9/16"-18	12.9	14.1	15	18
-6	11/16"-16	15.9	17.3	24	28
-8	13/16"-16	19.1	20.5	43	50
-10	1"-14	23.6	25.2	52	68
-12	1.3/16"-12	28.1	30.0	93	100
-16	1.7/16"-12	34.4	36.3	125	140
-20	1.11/16"-12	40.8	42.7	170	190
-24	2"-12	48.7	50.6	210	230

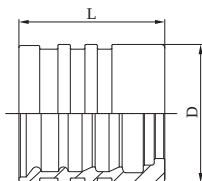
Capa Prensável M00110/M00120



Capa para mangueiras com trançado de aço. Necessário descasque externo da mangueira. Pino MF 2000

Ø			Medidas mm.		Ref. Comercial	Código Interno
DN	Pol.	Bitola	D	L		
5	3/16"	-3	17,0	23,9	M00120-03	11011121-03
6	1/4"	-4	19,5	28,0	M00120-04	11011121-04
8	5/16"	-5	20,0	28,6	M00120-05	11011121-05
10	3/8"	-6	23,0	30,0	M00120-06	11011121-06
12	1/2"	-8	26,7	32,0	M00120-08	11011121-08
16	5/8"	-10	32,0	38,0	M00120-10	11011121-10
19	3/4"	-12	35,8	41,7	M00120-12	11011121-12
25	1"	-16	43,0	47,0	M00120-16	11011121-16
31	1.1/4"	-20	50,5	59,0	M00110-20	11011111-20
38	1.1/2"	-24	57,0	70,0	M00110-24	11011111-24
51	2"	-32	70,0	72,0	M00110-32	11011111-32

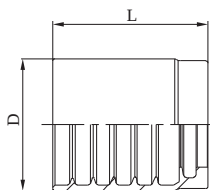
Capa Prensável M00910/M00920



Capa para mangueiras com trançado ou espiral de aço. Necessário descasque externo da mangueira. Pino MF 2000

Ø			Medidas mm.		Ref. Comercial	Código Interno
DN	Pol.	Bitola	D	L		
5	3/16"	-3	20,6	26,0	M00910-03	11014911-03
6	1/4"	-4	22,0	30,0	M00910-04	11014911-04
8	5/16"	-5	24,0	31,0	M00910-05	11014911-05
10	3/8"	-6	26,0	33,0	M00910-06	11014911-06
12	1/2"	-8	30,0	34,0	M00910-08	11014911-08
16	5/8"	-10	33,0	39,0	M00910-10	11014911-10
19	3/4"	-12	38,0	40,0	M00920-12	11014921-12
25	1"	-16	46,0	54,0	M00920-16	11014921-16
31	1.1/4"	-20	57,0	60,0	M00920-20	11014921-20
38	1.1/2"	-24	65,0	70,0	M00910-24	11014911-24
51	2"	-32	79,0	72,0	M00910-32	11014911-32

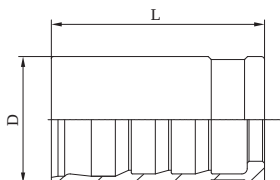
Capa Prensável M03400



Capa para mangueiras com trançado de aço. Não é necessário descasque externo da mangueira. Pino MF 2000

Ø			Medidas mm.		Ref. Comercial	Código Interno
DN	Pol.	Bitola	D	L		
5	3/16"	-3	21,0	23,0	M03400-03	11011341-03
6	1/4"	-4	23,0	30,1	M03400-04	11011341-04
8	5/16"	-5	24,0	30,0	M03400-05	11011341-05
10	3/8"	-6	26,0	31,1	M03400-06	11011341-06
12	1/2"	-8	29,0	33,4	M03400-08	11011341-08
16	5/8"	-10	33,0	37,0	M03400-10	11011341-10
19	3/4"	-12	37,0	42,0	M03400-12	11011341-12
25	1"	-16	46,0	51,0	M03400-16	11011341-16
31	1.1/4"	-20	59,0	57,2	M03400-20	11011341-20
38	1.1/2"	-24	67,0	64,8	M03400-24	11011341-24
51	2"	-32	80,0	68,3	M03400-32	11011341-32
63	2.1/2"	-40	88,2	68,8	M03400-40	11011341-40
76	3"	-48	103,0	75,0	M03400-48	11011341-48

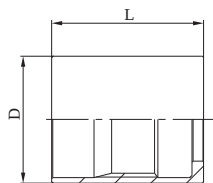
Capa Prensável M00820/M00830



Capa para mangueiras compactas. Não é necessário descasque externo da mangueira. Pino MF 2000

Ø			Medidas mm.		Ref. Comercial	Código Interno
DN	Pol.	Bitola	D	L		
5	3/16"	-3	14,0	26,4	M00820-03	11011821-03
6	1/4"	-4	18,0	29,6	M00830-04	11011831-04
8	5/16"	-5	19,0	31,9	M00830-05	11011831-05
10	3/8"	-6	22,0	33,0	M00820-06	11011821-06
12	1/2"	-8	26,0	33,9	M00820-08	11011821-08
16	5/8"	-10	29,0	35,9	M00820-10	11011821-10
19	3/4"	-12	33,0	41,7	M00820-12	11011821-12
25	1"	-16	41,0	49,7	M00820-16	11011821-16
31	1.1/4"	-20	48,0	57,0	M00820-20	11011821-20
38	1.1/2"	-24	55,5	66,0	M00820-24	11011821-24
51	2"	-32	68,6	70,0	M00820-32	11011821-32

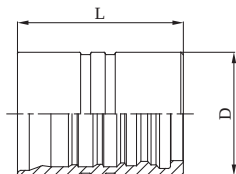
Capa Prensável M00310



Capa para mangueiras com trançado têxtil. Não é necessário descasque externo da mangueira. Pino MF 2000

Ø			Medidas mm.		Ref. Comercial	Código Interno
DN	Pol.	Bitola	D	L		
5	3/16"	-3	17,5	27,0	M00310-03	11011311-03
6	1/4"	-4	19,3	30,0	M00310-04	11011311-04
8	5/16"	-5	21,0	32,0	M00310-05	11011311-05
10	3/8"	-6	24,0	32,0	M00310-06	11011311-06
12	1/2"	-8	28,4	34,0	M00310-08	11011311-08
16	5/8"	-10	33,0	37,0	M00310-10	11011311-10
19	3/4"	-12	37,0	43,0	M00310-12	11011311-12
25	1"	-16	43,5	51,0	M00310-16	11011311-16
31	1.1/4"	-20	50,0	59,0	M00310-20	11011311-20

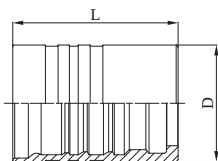
Capa Prensável M01500



Capa para mangueiras com 4 espirais de aço que usam os pinos Interlock Plus. Necessário descasque interno e externo da mangueira.

Ø			Medidas mm.		Ref. Comercial	Código Interno
DN	Pol.	Bitola	D	L		
16	5/8"	-10	35,0	40,9	M01500-10	11014151-10
19	3/4"	-12	40,0	51,4	M01500-12	11014151-12
25	1"	-16	48,0	64,5	M01500-16	11014151-16
31	1.1/4"	-20	57,0	84,0	M01500-20	11014151-20
38	1.1/2"	-24	64,3	94,0	M01500-24	11014151-24
51	2"	-32	83,5	107,0	M01500-32	11014151-32

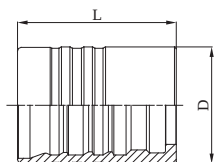
Capa Prensável M01600



Capa para mangueiras com 6 espirais de aço que usam os pinos Interlock Plus. Necessário descasque interno e externo da mangueira.

Ø			Medidas mm.		Ref. Comercial	Código Interno
DN	Pol.	Bitola	D	L		
31	1.1/4"	-20	60,0	85,0	M01600-20	11014161-20
38	1.1/2"	-24	68,0	96,0	M01600-24	11014161-24

Capa Prensável M01800



Capa para mangueiras com 6 espirais de aço que usam os pinos Interlock Plus ou Xtralock. Necessário descasque interno e externo da mangueira.

Ø			Medidas mm.		Ref. Comercial	Código Interno
DN	Pol.	Bitola	D	L		
25	1"	-16	53,5	69,0	M01800-16	11014181-16
31	1.1/4"	-20	64,5	88,2	M01800-20	11014181-20
38	1.1/2"	-24	73,0	97,8	M01800-24	11014181-24
51	2"	-32	86,5	108,0	M01800-32	11014181-32
63	2.1/2"	-40	103,0	135,0	M01800-40	11014181-40
76	3"	-48	113,5	125,0	M01800-48	11014181-48

Identificando os terminais

Estrutura para Terminais

Sempre que os terminais forem do tipo MF2000, ou seja para mangueiras de uma e duas tramas e para mangueiras com traçados têxteis, sua numeração começará com 1102, 2102 ou 2002, e quando forem terminais do tipo INTERLOCK PLUS a numeração começará com 1175, 2175 ou 2075, depois virão mais 5 dígitos que indicam a forma de defasagem do terminal, o tipo de rosca, o tipo do material de fabricação dos terminais e o último número indicará a marca.

5º	6º	7º	8º	9º
defasagem	rosca	rosca	tipo de material	marca

5º dígito

O quinto dígito determinará a forma geométrica de defasagem do terminal conforme abaixo:

0 - Reto	6 - 60°
1 - 22,5°	7 - 67,5°
2 - 90° Longo	8 - 90° Compacto
3 - 30°	9 - 90°
4 - 45°	

6º e 7º dígitos

A combinação dos sexto e sétimo dígitos determinará a forma de fixação do terminal conforme abaixo.

- 0 - Fixações Diversas: Ponta-lisa, Banjo, Salva-Vidas e Espigão Duplo.
- 1, 2 e 3 - Rosca Macho
- 4, 5 e 7 - Rosca Fêmea
- 6 - Flange
- 9 - Hidrolavadoras

- 01 - Ponta Lisa - Tubo Métrico DIN 2353
- 02 - Banjo BSPP
- 03 - Banjo Métrico DIN 7642
- 04 - Salva-Vidas
- 05 - Espigão Duplo
- 06 - Adaptador de Solda - Ponta ASA DKO
- 07 - União Simples de Solda/União Soldável
- 10 - Macho BSPP Paralelo 60° BS 5200
- 11 - Macho BSPP Paralelo Face Plana - Forma B (JC)
- 12 - Macho BSPP Paralelo Face Plana - Forma E (ED)
- 13 - Macho BSPP Paralelo Face Plana - Forma H (O'ring)
- 14 - Macho BSPP Paralelo Face Plana - Forma G (O'ring orientável)
- 16 - Macho Métrico cone 24° - Série Super leve

- 17 - Macho Métrico cone 24° - Série leve
- 18 - Macho Métrico cone 24° - Série pesada
- 19 - Macho Métrico Face Plana - Forma B (JC)
- 20 - Macho Métrico Face Plana - Forma E (ED)
- 21 - Macho Métrico Face Plana - Forma H (O'ring)
- 22 - Macho Métrico Face Plana - Forma G (O'ring ORIENTÁVEL)
- 23 - Macho Métrico Francês Poclain - TUBO MILÍMETRO
- 24 - Macho Métrico Francês Poclain - TUBO SCHEDULE
- 25 - Macho ORFS SAE J1453
- 26 - Macho JIC 37° SAE J516/J514
- 27 - Macho NPTF SAE J516
- 28 - Macho Fixo SAE com O'ring SAE J516/514
- 29 - Macho Giratório NPTF SAE J516
- 30 - Macho SAE UNF O'ring Giratório SAE J516/514
- 31 - Macho Métrico Cone 60° DIN 20078/3863
- 32 - Macho NPTF SAE J516 Waterblast
- 33 - Macho SAE UNF Orientável
- 34 - Macho Fixo BSPT Cônico
- 35 - Macho Fixo Métrico Cônico
- 36 - Macho Fixo Métrico Komatsu
- 40 - Fêmea Giratória BSPP Paralela 60° BS 5200
- 41 - Fêmea Giratória BSPP Paralela Face Plana
- 42 - Fêmea Giratória JIS BSPP Cone 60° (NISSAN)
- 43 - Fêmea Giratória Métrica DKO Cone 24° DIN 20066/3865 - Série Leve
- 44 - Fêmea Giratória Métrica DKO Cone 24° DIN 20066/3865 - Série Pesada
- 45 - Fêmea Giratória Métrica Francesa - Tubo Milímetro
- 46 - Fêmea Giratória Métrica Francesa - Tubo Schedule
- 47 - Fêmea Giratória Métrica Cone 60° DIN 20078/3863
- 48 - Fêmea Giratória Métrica Sede Universal DIN 20078/3868
- 49 - Fêmea Giratória ORFS SAE J1453
- 50 - Fêmea Giratória JIC 37° SAE J516/J514
- 51 - Fêmea Giratória SAE 45° SAE J516/512
- 52 - Fêmea Giratória JIC 37° SAE J516/514 Sextavado Extra
- 53 - Fêmea Giratória JIS B 8363 - BSPP TOYOTA
- 54 - Fêmea Giratória JIS B 8363 - MÉTRICA KOMATSU
- 55 - Fêmea Giratória 30° NPSM
- 56 - Fêmea Giratória Lava-Jato KARCHER
- 57 - Fêmea Giratória Piloto Longo
- 58 - Fêmea Fixa NPTF
- 59 - Fêmea Giratória ORFS Métrica
- 60 - Flange Komatsu
- 61 - Flange SAE 3000 psi Cód. 61 SAE J516/J518
- 62 - Flange SAE 6000 psi Cód. 62 SAE J516/J518
- 63 - Flange Supercat
- 64 - Flange Quadrado
- 70 - Fêmea Giratória Métrica DKO Cone 24° Waterblast - Pesada
- 71 - Fêmea Fixa para Engraxadeira
- 72 - Fêmea Fixa BSPT Cônica
- 73 - Fêmea Fixa BSPP
- 74 - Fêmea Fixa UNF
- 75 - Fêmea Fixa BSPP para Manômetro

- 76 - Fêmea Fixa Métrica
- 77 - Fêmea Fixa Métrica para Manômetro
- 78 - Fêmea Fixa JIC
- 79 - Fêmea Giratória Métrica - DKO Cone 24° DIN 20066/3865 - Série Super Leve
- 90 - Fêmea Lavação Copinho - 7169-014
- 91 - Macho Lavação O´RING - 7169-015
- 92 - Fêmea Wap Grande
- 93 - Macho Wap

8º dígito

O oitavo dígito determinará o tipo de material para a fabricação do terminal conforme segue abaixo:

- 1 - Aço Carbono Zincado Branco
- 2 - Aço Carbono Zincado Amarelo
- 3 - Aço Carbono Fosfatizado
- 4 - Aço Inox 304
- 5 - Aço Inox 316
- 6 - Latão

9º dígito

O nono dígito determinará a origem (marca) do terminal conforme segue abaixo:

- 0 - Diversos
- 1 - Cast
- 2 - Manuli
- 3 - Vickers

Atenção!

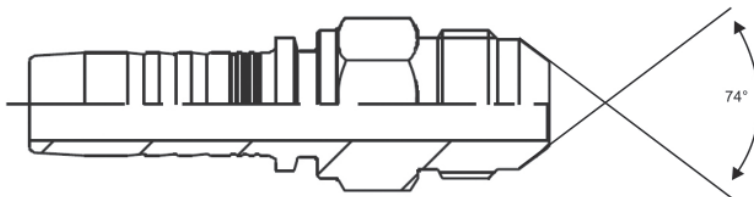
As marcas citadas neste catálogo técnico, seus respectivos produtos e divisões são de propriedade exclusiva de seus fabricantes, sendo utilizadas apenas para referência comercial.

Terminais Pressados

Atenção! O código interno descrito nas tabelas que seguem, refere-se somente ao pino, sem a capa. Consulte televendas para outras bitolas.

Terminal Pressado Macho JIC 37° Norma SAE J514

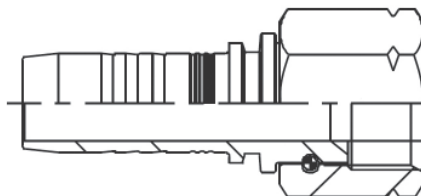
Terminal Macho Fixo Reto cone de vedação JIC 37°
Material: Aço carbono bicromatizado



Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
1/4"	-4	7/16"-20	XX020261X-0404	100MJ-04-04
1/4"	-4	1/2"-20	XX020261X-0504	100MJ-05-04
1/4"	-4	9/16"-18	XX020261X-0604	100MJ-06-04
5/16"	-5	1/2"-20	XX020261X-0505	100MJ-05-05
5/16"	-5	9/16"-18	XX020261X-0605	100MJ-06-05
3/8"	-6	9/16"-18	XX020261X-0606	100MJ-06-06
1/2"	-8	9/16"-18	XX020261X-0608	100MJ-06-08
3/8"	-6	3/4"-16	XX020261X-0806	100MJ-08-06
3/8"	-6	7/8"-14	XX020261X-1006	100MJ-10-06
1/2"	-8	3/4"-16	XX020261X-0808	100MJ-08-08
1/2"	-8	7/8"-14	XX020261X-1008	100MJ-10-08
1/2"	-8	1.1/16"-12	XX020261X-1208	100MJ-12-08
5/8"	-10	7/8"-14	XX020261X-1010	100MJ-10-10
5/8"	-10	1.1/16"-12	XX020261X-1210	100MJ-12-10
3/4"	-12	1.1/16"-12	XX020261X-1212	100MJ-12-12
3/4"	-12	1.3/16"-12	XX020261X-1412	100MJ-14-12
3/4"	-12	1.5/16"-12	XX020261X-1612	100MJ-16-12
1"	-16	1.1/16"-12	XX020261X-1216	100MJ-12-16
1"	-16	1.5/16"-12	XX020261X-1616	100MJ-16-16
1"	-16	1.5/8"-12	XX020261X-2016	100MJ-20-16
1.1/4"	-20	1.5/8"-12	XX020261X-2020	100MJ-20-20
1.1/4"	-20	1.7/8"-12	XX020261X-2420	100MJ-24-20
1.1/2"	-24	1.7/8"-12	XX020261X-2424	100MJ-24-24
2"	-32	2.1/2"-12	XX020261X-3232	100MJ-32-32

Terminal Prensado Reto Fêmea Giratória JIC 37° Norma SAE J514

Terminal fêmea giratória reta com vedação JIC 37°
Material: Aço carbono bicromatizado



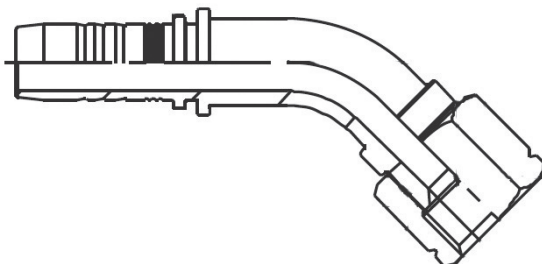
Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
3/16"	-3	7/16"-20	XX020501X-04-03	100FJ-04-03
1/4"	-4	7/16"-20	XX020501X-04-04	100FJ-04-04
5/16"	-5	7/16"-20	XX020501X-04-05	100FJ-04-05
3/8"	-6	7/16"-20	XX020501X-04-06	100FJ-04-06
1/4"	-4	1/2"-20	XX020501X-05-04	100FJ-05-04
1/4"	-4	9/16"-18	XX020501X-06-04	100FJ-06-04
5/16"	-5	1/2"-20	XX020501X-05-05	100FJ-05-05
5/16"	-5	9/16"-18	XX020501X-06-05	100FJ-06-05
3/8"	-6	9/16"-18	XX020501X-06-06	100FJ-06-06
1/2"	-8	9/16"-18	XX020501X-06-08	100FJ-06-08
1/4"	-4	3/4"-16	XX020501X-08-04	100FJ-08-04
3/8"	-6	3/4"-16	XX020501X-08-06	100FJ-08-06
3/8"	-6	7/8"-14	XX020501X-10-06	100FJ-10-06
1/2"	-8	3/4"-16	XX020501X-08-08	100FJ-08-08
5/8"	-10	3/4"-16	XX020501X-08-10	100FJ-08-10
3/4"	-12	3/4"-16	XX020501X-08-12	100FJ-08-12
1/2"	-8	7/8"-14	XX020501X-10-08	100FJ-10-08
1/2"	-8	1.1/16"-12	XX020501X-12-08	100FJ-12-08
5/8"	-10	7/8"-14	XX020501X-10-10	100FJ-10-10
5/8"	-10	1.1/16"-12	XX020501X-12-10	100FJ-12-10
3/4"	-12	7/8"-14	XX020501X-10-12	100FJ-10-12
3/4"	-12	1.1/16"-12	XX020501X-12-12	100FJ-12-12
3/4"	-12	1.3/16"-12	XX020501X-14-12	100FJ-14-12
3/4"	-12	1.5/16"-12	XX020501X-16-12	100FJ-16-12
1"	-16	1.1/16"-12	XX020501X-12-16	100FJ-12-16
1"	-16	1.5/16"-12	XX020501X-16-16	100FJ-16-16
1.1/4"	-20	1.5/16"-12	XX020501X-16-20	100FJ-16-20
1"	-16	1.5/8"-12	XX020501X-20-16	100FJ-20-16
1.1/4"	-20	1.5/8"-12	XX020501X-20-20	100FJ-20-20
1.1/4"	-20	1.7/8"-12	XX020501X-24-20	100FJ-24-20
1.1/2"	-24	1.7/8"-12	XX020501X-24-24	100FJ-24-24
1.1/2"	-24	2.1/2"-12	XX020501X-32-24	100FJ-32-24
2"	-32	2.1/2"-12	XX020501X-32-32	100FJ-32-32
2.1/2"	-40	3"-12	XX020501X-40-40	100FJ-40-40

Terminal Prensado 45° Fêmea Giratória JIC 37°

Norma SAE J514

Terminal fêmea giratória 45° vedação JIC 37°

Material: Aço carbono bicromatizado

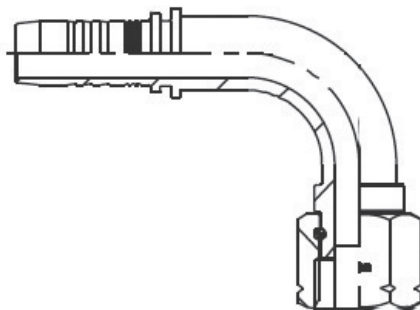


Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
1/4"	-4	7/16"-20	XX024501X-04-04	145FJ-04-04
1/4"	-4	1/2"-20	XX024501X-05-04	145FJ-05-04
5/16"	-5	1/2"-20	XX024501X-05-05	145FJ-05-05
1/4"	-4	9/16"-18	XX024501X-06-04	145FJ-06-04
5/16"	-5	9/16"-18	XX024501X-06-05	145FJ-06-05
3/8"	-6	9/16"-18	XX024501X-06-06	145FJ-06-06
3/8"	-6	3/4"-16	XX024501X-08-06	145FJ-08-06
3/8"	-6	7/8"-14	XX024501X-10-06	145FJ-10-06
1/2"	-8	3/4"-16	XX024501X-08-08	145FJ-08-08
1/2"	-8	7/8"-14	XX024501X-10-08	145FJ-10-08
1/2"	-8	1.1/16"-12	XX024501X-12-08	145FJ-12-08
5/8"	-10	7/8"-14	XX024501X-10-10	145FJ-10-10
5/8"	-10	1.1/16"-12	XX024501X-12-10	145FJ-12-10
3/4"	-12	1.1/16"-12	XX024501X-12-12	145FJ-12-12
3/4"	-12	1.3/16"-12	XX024501X-14-12	145FJ-14-12
3/4"	-12	1.5/16"-12	XX024501X-16-12	145FJ-16-12
1"	-16	1.5/16"-12	XX024501X-16-16	145FJ-16-16
1"	-16	1.5/8"-12	XX024501X-20-16	145FJ-20-16
1.1/4"	-20	1.5/8"-12	XX024501X-20-20	145FJ-20-20
1.1/4"	-20	1.7/8"-12	XX024501X-24-20	145FJ-24-20
1.1/2"	-24	1.7/8"-12	XX024501X-24-24	145FJ-24-24
2"	-32	2.1/2"-12	XX024501X-32-32	145FJ-32-32

Terminal Prensado 90° Fêmea Giratória JIC 37°

Norma SAE J514

Terminal fêmea giratória 90° vedação JIC 37°
Material: Aço carbono bicromatizado



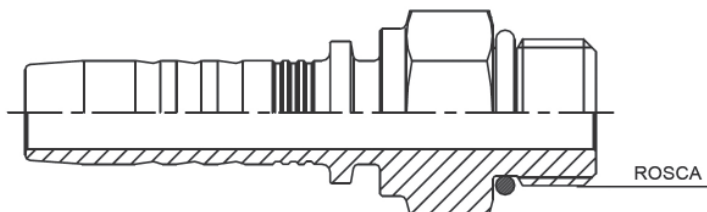
Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
1/4"	-4	7/16"-20	XX029501X-04-04	190FJ-04-04
5/16"	-5	7/16"-20	XX029501X-04-05	190FJ-04-05
1/4"	-4	1/2"-20	XX029501X-05-04	190FJ-05-04
5/16"	-5	1/2"-20	XX029501X-05-05	190FJ-05-05
1/4"	-4	9/16"-18	XX029501X-06-04	190FJ-06-04
5/16"	-5	9/16"-18	XX029501X-06-05	190FJ-06-05
3/8"	-6	9/16"-18	XX029501X-06-06	190FJ-06-06
1/2"	-8	9/16"-18	XX029501X-06-08	190FJ-06-08
3/8"	-6	3/4"-16	XX029501X-08-06	190FJ-08-06
3/8"	-6	7/8"-14	XX029501X-10-06	190FJ-10-06
1/2"	-8	3/4"-16	XX029501X-08-08	190FJ-08-08
5/8"	-10	3/4"-16	XX029501X-08-10	190FJ-08-10
1/2"	-8	7/8"-14	XX029501X-10-08	190FJ-10-08
1/2"	-8	1.1/16"-12	XX029501X-12-08	190FJ-12-08
5/8"	-10	7/8"-14	XX029501X-10-10	190FJ-10-10
3/4"	-12	7/8"-14	XX029501X-10-12	190FJ-10-12
5/8"	-10	1.1/16"-12	XX029501X-12-10	190FJ-12-10
3/4"	-12	1.1/16"-12	XX029501X-12-12	190FJ-12-12
3/4"	-12	1.3/16"-12	XX029501X-14-12	190FJ-14-12
3/4"	-12	1.5/16"-12	XX029501X-16-12	190FJ-16-12
1"	-16	1.5/16"-12	XX029501X-16-16	190FJ-16-16
1"	-16	1.5/8"-12	XX029501X-20-16	190FJ-20-16
1.1/4"	-20	1.5/8"-12	XX029501X-20-20	190FJ-20-20
1.1/4"	-20	1.7/8"-12	XX029501X-24-20	190FJ-24-20
1.1/2"	-24	1.7/8"-12	XX029501X-24-24	190FJ-24-24
2"	-32	2.1/2"-12	XX029501X-32-32	190FJ-32-32

Terminal Prensado Macho UNF

Norma SAE J514

Terminal macho fixo reto UNF, com vedação na base da rosca com um anel O'ring

Material: Aço carbono bicromatizado



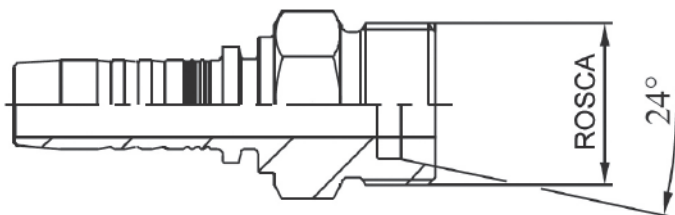
Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
1/4"	-4	7/16"-20	XX020281X-04-04	100MS-04-04
1/4"	-4	9/16"-18	XX020281X-06-04	100MS-06-04
3/8"	-6	9/16"-18	XX020281X-06-06	100MS-06-06
3/8"	-6	3/4"-16	XX020281X-08-06	100MS-08-06
1/2"	-8	3/4"-16	XX020281X-08-08	100MS-08-08
1/2"	-8	7/8"-14	XX020281X-10-08	100MS-10-08
5/8"	-10	7/8"-14	XX020281X-10-10	100MS-10-10
1/2"	-8	1.1/16"-12	XX020281X-12-08	100MS-12-08
5/8"	-10	1.1/16"-12	XX020281X-12-10	100MS-12-10
3/4"	-12	1.1/16"-12	XX020281X-12-12	100MS-12-12
3/4"	-12	1.5/16"-12	XX020281X-16-12	100MS-16-12
1"	-16	1.5/16"-12	XX020281X-16-16	100MS-16-16
1.1/4"	-20	1.5/8"-12	XX020281X-20-20	100MS-20-20

Terminal Prensado Macho para Tubo Série Leve Norma DIN 3853/3861

Terminal macho fixo para tubo rosca métrica, vedação cone 24°.

Série leve.

Material: Aço carbono bicromatizado.



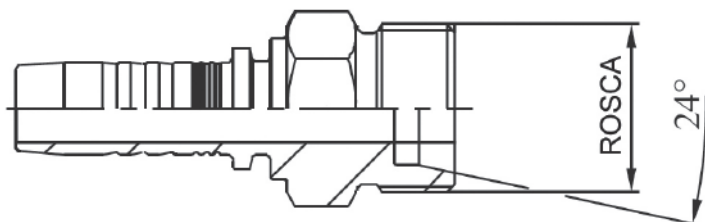
Série	Ø		Rosca	Tubo	Código Interno	Ref. Comercial
	Pol.	Bitola				
SÉRIE LEVE	1/4"	-4	M12x1.5	6	XX020171X-06-04	100ML-06-04
	1/4"	-4	M14x1.5	8	XX020171X-08-04	100ML-08-04
	1/4"	-4	M16x1.5	10	XX020171X-10-04	100ML-10-04
	5/16"	-5	M16x1.5	10	XX020171X-10-05	100ML-10-05
	5/16"	-5	M18x1.5	12	XX020171X-12-05	100ML-12-05
	3/8"	-6	M16x1.5	10	XX020171X-10-06	100ML-10-06
	1/4"	-4	M18x1.5	12	XX020171X-12-04	100ML-12-04
	3/8"	-6	M18x1.5	12	XX020171X-12-06	100ML-12-06
	1/2"	-8	M18x1.5	12	XX020171X-12-08	100ML-12-08
	3/8"	-6	M22x1.5	15	XX020171X-15-06	100ML-15-06
	1/2"	-8	M22x1.5	15	XX020171X-15-08	100ML-15-08
	5/8"	-10	M22x1.5	15	XX020171X-15-10	100ML-15-10
	1/2"	-8	M26x1.5	18	XX020171X-18-08	100ML-18-08
	5/8"	-10	M26x1.5	18	XX020171X-18-10	100ML-18-10
	3/4"	-12	M30x2.0	22	XX020171X-22-12	100ML-22-12
	3/4"	-12	M34x2.0	25	XX020171X-25-12	100ML-25-12
	1"	-16	M34x2.0	25	XX020171X-25-16	100ML-25-16
	1"	-16	M36x2.0	28	XX020171X-28-16	100ML-28-16
	1.1/4"	-20	M45x2.0	35	XX020171X-35-20	100ML-35-20
	1.1/4"	-20	M48x2.0	38	XX020171X-38-20	100ML-38-20
	1.1/2"	-24	M52x2.0	42	XX020171X-42-24	100ML-42-24

Terminal Prensado Macho para Tubo Série Pesada Norma DIN 3853/3861

Terminal macho fixo para tubo rosca métrica, vedação cone 24°.

Série Pesada.

Material: Aço carbono bicromatizado.

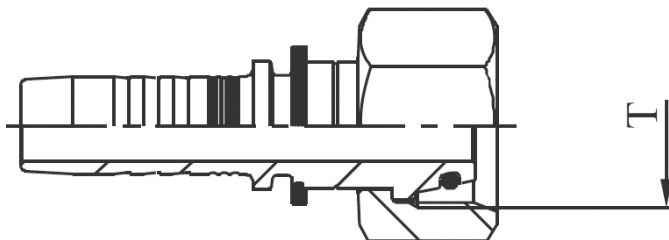


Série	Ø		Rosca	Tubo	Código Interno	Ref. Comercial
	Pol.	Bitola				
SÉRIE PESADA	1/4"	-4	M14x1.5	6	XX020181X-06-04	100MP-06-04
	1/4"	-4	M16x1.5	8	XX020181X-08-04	100MP-08-04
	1/4"	-4	M18x1.5	10	XX020181X-10-04	100MP-10-04
	5/16"	-5	M20x1.5	12	XX020181X-12-05	100MP-12-05
	3/8"	-6	M18x1.5	10	XX020181X-10-06	100MP-10-06
	3/8"	-6	M20x1.5	12	XX020181X-12-06	100MP-12-06
	3/8"	-6	M22x1.5	14	XX020181X-14-06	100MP-14-06
	1/2"	-8	M20x1.5	12	XX020181X-12-08	100MP-12-08
	1/2"	-8	M22x1.5	14	XX020181X-14-08	100MP-14-08
	1/2"	-8	M24x1.5	16	XX020181X-16-08	100MP-16-08
	5/8"	-10	M28x1.5	19	XX020181X-19-10	100MP-19-10
	5/8"	-10	M30x2.0	20	XX020181X-20-10	100MP-20-10
	3/4"	-12	M30x2.0	20	XX020181X-20-12	100MP-20-12
	3/4"	-12	M36x2.0	25	XX020181X-25-12	100MP-25-12
	1"	-16	M36x2.0	25	XX020181X-25-16	100MP-25-16
	1"	-16	M42x2	30	XX020181X-30-16	100MP-30-16
	1.1/4"	-20	M52x2.0	38	XX020181X-38-20	100MP-38-20
	1.1/2"	-24	M52x2.0	38	XX020181X-38-24	100MP-38-24

Terminal Prensado Reto Fêmea DKO - Cone 24° Série Leve Norma DIN 3865

Terminal reto fêmea giratória rosca métrica, vedação DKO Cone 24°.
Série Leve.

Material: Aço carbono bicromatizado.

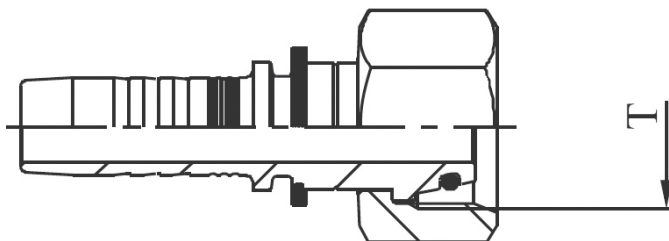


Série	Ø		Rosca	Tubo	Código Interno	Ref. Comercial
	Pol.	Bitola				
SÉRIE LEVE	3/16"	-3	M12x1.5	6	XX020431X-06-03	100DL-06-03
	1/4"	-4	M12x1.5	6	XX020431X-06-04	100DL-06-04
	1/4"	-4	M14x1.5	8	XX020431X-08-04	100DL-08-04
	5/16"	-5	M14x1.5	8	XX020431X-08-05	100DL-08-05
	3/8"	-6	M14x1.5	8	XX020431X-08-06	100DL-08-06
	1/4"	-4	M16x1.5	10	XX020431X-10-04	100DL-10-04
	5/16"	-5	M16x1.5	10	XX020431X-10-05	100DL-10-05
	3/8"	-6	M16x1.5	10	XX020431X-10-06	100DL-10-06
	1/4"	-4	M18x1.5	12	XX020431X-12-04	100DL-12-04
	5/16"	-5	M18x1.5	12	XX020431X-12-05	100DL-12-05
	3/8"	-6	M18x1.5	12	XX020431X-12-06	100DL-12-06
	3/8"	-6	M22x1.5	15	XX020431X-15-06	100DL-15-06
	1/2"	-8	M22x1.5	15	XX020431X-15-08	100DL-15-08
	5/8"	-10	M22x1.5	15	XX020431X-15-10	100DL-15-10
	1/2"	-8	M26x1.5	18	XX020431X-18-08	100DL-18-08
	5/8"	-10	M26x1.5	18	XX020431X-18-10	100DL-18-10
	3/4"	-12	M26x2.0	18	XX020431X-18-12	100DL-18-12
	5/8"	-10	M30x2.0	22	XX020431X-22-10	100DL-22-10
	3/4"	-12	M30x2.0	22	XX020431X-22-12	100DL-22-12
	3/4"	-12	M34x2.0	25	XX020431X-25-12	100DL-25-12
	1"	-16	M34x2.0	25	XX020431X-25-16	100DL-25-16
	3/4"	-12	M36x2.0	28	XX020431X-28-12	100DL-28-12
	1"	-16	M36x2.0	28	XX020431X-28-16	100DL-28-16
	1.1/4"	-20	M45x2.0	35	XX020431X-35-20	100DL-35-20
	1.1/2"	-24	M45x2.0	35	XX020431X-34-24	100DL-35-24
	1.1/4"	-20	M48x2.0	38	XX020431X-38-20	100DL-38-24
	1.1/4"	-20	M52x2.0	42	XX020431X-42-20	100DL-42-20
	1.1/2"	-24	M52x2.0	42	XX020431X-42-24	100DL-42-24
	2"	-32	M52x2.0	42	XX020431X-42-32	100DL-42-32

Terminal Prensado Reto Fêmea DKO - Cone 24° Série Pesada Norma DIN 3865

Terminal reto fêmea giratória rosca métrica, vedação DKO Cone 24°.
Série Pesada.

Material: Aço carbono bicromatizado.

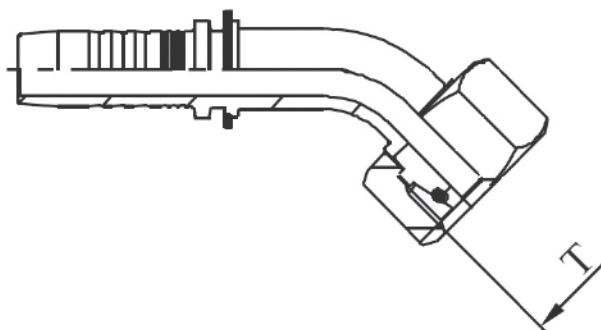


Série	Ø		Rosca	Tubo	Código Interno	Ref. Comercial
	Pol.	Bitola				
SÉRIE PESADA	1/4"	-4	M14x1.5	6	XX020441X-06-04	100DP-06-04
	1/4"	-4	M16x1.5	8	XX020441X-08-04	100DP-08-04
	1/4"	-4	M18x1.5	10	XX020441X-10-04	100DP-10-04
	5/16"	-5	M18x1.5	10	XX020441X-10-05	100DP-10-05
	3/8"	-6	M18x1.5	10	XX020441X-10-06	100DP-10-06
	1/4"	-4	M20x1.5	12	XX020441X-12-04	100DP-12-04
	5/16"	-5	M20x1.5	12	XX020441X-15-05	100DP-12-05
	3/8"	-6	M20x1.5	12	XX020441X-12-06	100DP-12-06
	1/2"	-8	M20x1.5	12	XX020441X-12-08	100DP-12-08
	3/8"	-6	M22x1.5	14	XX020441X-14-06	100DP-14-06
	1/2"	-8	M22x1.5	14	XX020441X-14-08	100DP-14-08
	3/8"	-6	M24x1.5	16	XX020441X-16-06	100DP-16-06
	1/2"	-8	M24x1.5	16	XX020441X-16-08	100DP-16-08
	5/8"	-10	M24x1.5	16	XX020441X-16-10	100DP-16-10
	3/4"	-12	M24x1.5	16	XX020441X-16-12	100DP-16-12
	5/8"	-10	M30x2.0	20	XX020441X-20-10	100DP-20-10
	3/4"	-12	M30x2.0	20	XX020441X-20-12	100DP-20-12
	3/4"	-12	M36x2.0	25	XX020441X-25-12	100DP-25-12
	1"	-16	M36x2.0	25	XX020441X-25-16	100DP-25-16
	1"	-16	M42x2.0	30	XX020441X-30-16	100DP-30-16
	1.1/4"	-20	M42x2.0	30	XX020441X-30-20	100DP-30-20
	1"	-16	M52x2.0	38	XX020441X-38-16	100DP-38-16
	1.1/4"	-20	M52x2.0	38	XX020441X-38-20	100DP-38-20
	1.1/2"	-24	M52x2.0	38	XX020441X-38-24	100DP-38-24

Terminal Prensado 45° Fêmea DKO - Cone 24°

Série Leve Norma DIN 3865

Terminal 45° fêmea giratória rosca métrica, vedação DKO Cone 24°.
Série Leve.
Material: Aço carbono bicromatizado.



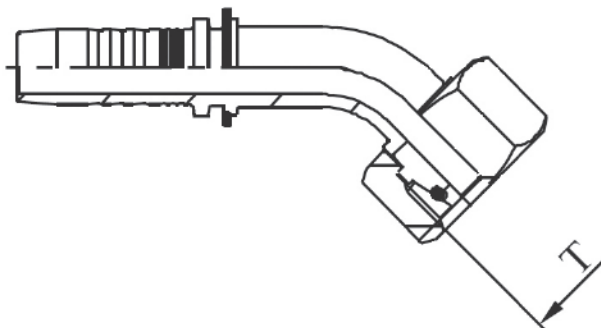
Série	Ø		Rosca	Tubo	Código Interno	Ref. Comercial
	Pol.	Bitola				
SÉRIE LEVE	1/4"	-4	M12x1.5	6	XX024431X-06-04	145DL-06-04
	1/4"	-4	M14x1.5	8	XX024431X-08-04	145DL-08-04
	1/4"	-4	M16x1.5	10	XX024431X-10-04	145DL-10-04
	5/16"	-5	M16x1.5	10	XX024431X-10-05	145DL-10-05
	3/8"	-6	M16x1.5	10	XX024431X-10-06	145DL-10-06
	5/16"	-5	M18x1.5	12	XX024431X-12-05	145DL-12-05
	3/8"	-6	M18x1.5	12	XX024431X-12-06	145DL-12-06
	3/8"	-6	M22x1.5	15	XX024431X-15-06	145DL-15-06
	1/2"	-8	M22x1.5	15	XX024431X-15-08	145DL-15-08
	5/8"	-10	M26x1.5	18	XX024431X-18-10	145DL-18-10
	3/4"	-12	M30x2.0	22	XX024431X-22-12	145DL-22-12
	1"	-16	M36x2.0	28	XX024431X-28-16	145DL-28-16
	1.1/4"	-20	M36x2.0	28	XX024431X-28-20	145DL-28-20
	1.1/4"	-20	M45x2.0	35	XX024431X-35-20	145DL-35-20
	1.1/2"	-24	M52x2.0	42	XX024431X-42-24	145DL-42-24

Terminal Prensado 45° Fêmea DKO - Cone 24° Série Pesada Norma DIN 3865

Terminal 45° fêmea giratória rosca métrica, vedação DKO Cone 24°.

Série Pesada.

Material: Aço carbono bicromatizado.

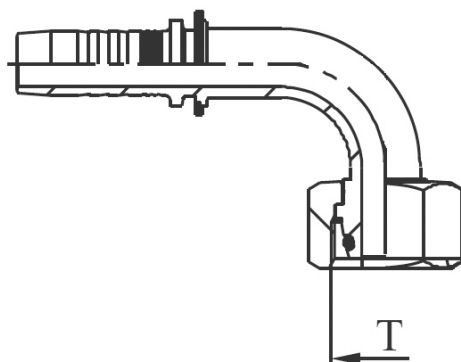


Série	Ø		Rosca	Tubo	Código Interno	Ref. Comercial
	Pol.	Bitola				
SÉRIE PESADA	1/4"	-4	M16x1.5	8	XX024441X-08-04	145DP-08-04
	1/4"	-4	M18x1.5	10	XX024441X-10-04	145DP-10-04
	5/16"	-5	M20x1.5	12	XX024441X-12-05	145DP-12-05
	3/8"	-6	M20x1.5	12	XX024441X-12-06	145DP-12-06
	3/8"	-6	M22x1.5	14	XX024441X-14-06	145DP-14-06
	1/2"	-8	M24x1.5	16	XX024441X-16-08	145DP-16-08
	5/8"	-10	M30x2.0	20	XX024441X-20-10	145DP-20-10
	3/4"	-12	M30x2.0	20	XX024441X-20-12	145DP-20-12
	3/4"	-12	M36x2.0	25	XX024441X-25-12	145DP-25-12
	1"	-16	M36x2.0	25	XX024441X-25-16	145DP-25-16
	1"	-16	M42x2.0	30	XX024441X-30-16	145DP-30-16
	1.1/4"	-20	M42x2.0	30	XX024441X-30-20	145DP-30-20
	1.1/4"	-20	M52x2.0	38	XX024441X-38-20	145DP-38-20
	1.1/2"	-24	M52x2.0	38	XX024441X-38-24	145DP-38-24

Terminal Prensado 90° Fêmea DKO - Cone 24° Série Leve Norma DIN 3865

Terminal 90° fêmea giratória rosca métrica, vedação DKO Cone 24°.
Série Leve.

Material: Aço carbono bicromatizado.



Série	Ø		Rosca	Tubo	Código Interno	Ref. Comercial
	Pol.	Bitola				
SÉRIE LEVE	3/16"	-3	M12x1.5	6	XX029431X-06-03	190DL-06-03
	1/4"	-4	M12x1.5	6	XX029431X-06-04	190DL-06-04
	1/4"	-4	M14x1.5	8	XX029431X-08-04	190DL-08-04
	1/4"	-4	M16x1.5	10	XX029431X-10-04	190DL-10-04
	3/8"	-6	M16x1.5	10	XX029431X-10-06	190DL-10-06
	1/4"	-4	M18x1.5	12	XX029431X-12-04	190DL-12-04
	1/2"	-8	M18x1.5	12	XX029431X-12-08	190DL-12-08
	5/16"	-5	M16x1.5	10	XX029431X-10-05	190DL-10-05
	3/8"	-6	M18x15	12	XX029431X-12-06	190DL-12-06
	3/8"	-6	M22x1.5	15	XX029431X-15-06	190DL-15-06
	1/2"	-8	M22x1.5	15	XX029431X-15-08	190DL-15-08
	5/8"	-10	M22x1.5	15	XX029431X-15-10	190DL-15-10
	1/2"	-8	M26x1.5	18	XX029431X-18-08	190DL-18-08
	5/8"	-10	M26x1.5	18	XX029431X-18-10	190DL-18-10
	5/8"	-10	M30x2.0	22	XX029431X-22-10	190DL-22-10
	3/4"	-12	M30x2.0	22	XX029431X-22-12	190DL-22-12
	3/4"	-12	M34x2.0	25	XX029431X-25-12	190DL-25-12
	1"	-16	M34x2.0	25	XX029431X-25-16	190DL-25-16
	1"	-16	M36x2.0	28	XX029431X-28-16	190DL-28-16
	1.1/4"	-20	M45x2.0	35	XX029431X-35-20	190DL-35-20
	1.1/2"	-24	M52x2.0	42	XX029431X-42-24	190DL-42-24

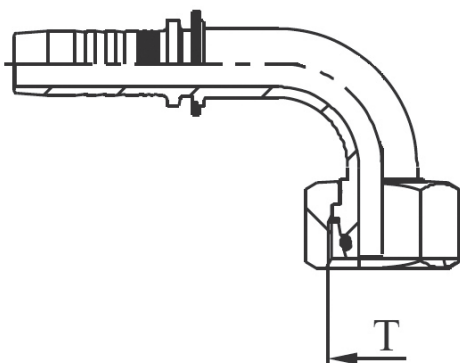
Terminal Prensado 90° Fêmea DKO - Cone 24°

Série Pesada Norma DIN 3865

Terminal 90° fêmea giratória rosca métrica, vedação DKO Cone 24°.

Série Leve.

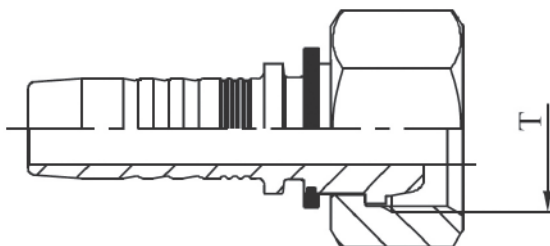
Material: Aço carbono bicromatizado.



Série	Ø		Rosca	Tubo	Código Interno	Ref. Comercial
	Pol.	Bitola				
SÉRIE PESADA	1/4"	-4	M16x1.5	8	XX029441X-08-04	190DP-08-04
	1/4"	-4	M18x1.5	10	XX029441X-10-04	190DP-10-04
	1/4"	-4	M20x1.5	12	XX029441X-12-04	190DP-12-04
	5/16"	-5	M20x1.5	12	XX029441X-12-05	190DP-12-05
	3/8"	-6	M20x1.5	12	XX029441X-12-06	190DP-12-06
	3/8"	-6	M22x1.5	14	XX029441X-14-06	190DP-14-06
	3/8"	-6	M24x1.5	16	XX029441X-16-06	190DP-16-06
	1/2"	-8	M24x1.5	16	XX029441X-16-08	190DP-16-08
	5/8"	-10	M24x1.5	16	XX029441X-16-10	190DP-16-10
	5/8"	-10	M30x2.0	20	XX029441X-20-10	190DP-20-10
	3/4"	-12	M20x2.0	20	XX029441X-20-12	190DP-20-12
	3/4"	-12	M36x2.0	25	XX029441X-25-12	190DP-25-12
	1"	-16	M36x2.0	25	XX029441X-25-16	190DP-25-16
	1"	-16	M42x2.0	30	XX029441X-30-16	190DP-30-16
	1.1/4"	-20	M52x2.0	38	XX029441X-38-20	190DP-38-20
	1.1/2"	-24	M52x2.0	38	XX029441X-38-24	190DP-38-24

Terminal Prensado Reto Fêmea Sede Universal Norma DIN 3868

Fêmea reta métrica porca giratória vedação boleada assento universal.
Material: Aço carbono bicromatizado.

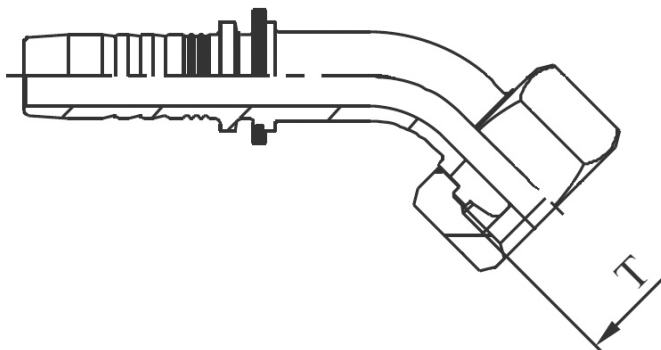


Ø		Rosca	Tubo	Código Interno	Ref. Comercial
Pol.	Bitola				
3/16"	-3	M12x1.5	6	XX020481X-06-03	100FU-06-03
1/4"	-4	M12x1.5	6	XX020481X-06-04	100FU-06-04
1/4"	-4	M14x1.5	8	XX020481X-08-04	100FU-08-04
1/4"	-4	M16x1.5	10	XX020481X-10-04	100FU-10-04
5/16"	-5	M16x1.5	10	XX020481X-10-05	100FU-10-05
1/4"	-4	M18x1.5	12	XX020481X-12-04	100FU-12-04
5/16"	-5	M18x1.5	12	XX020481X-12-05	100FU-12-05
3/8"	-6	M16x1.5	10	XX020481X-10-06	100FU-10-06
1/2"	-8	M18x1.5	12	XX020481X-12-08	100FU-12-08
3/8"	-6	M18x1.5	12	XX020481X-12-06	100FU-12-06
3/8"	-6	M22x1.5	15	XX020481X-15-06	100FU-15-06
1/2"	-8	M22x1.5	15	XX020481X-15-08	100FU-15-08
1/2"	-8	M26x1.5	18	XX020481X-18-08	100FU-18-08
5/8"	-10	M26x1.5	18	XX020481X-18-10	100FU-18-10
3/4"	-12	M26x1.5	18	XX020481X-18-12	100FU-18-12
5/8"	-10	M30x2.0	22	XX020481X-22-10	100FU-22-10

Terminal Prensado 45° Fêmea Sede Universal

Norma DIN 3868

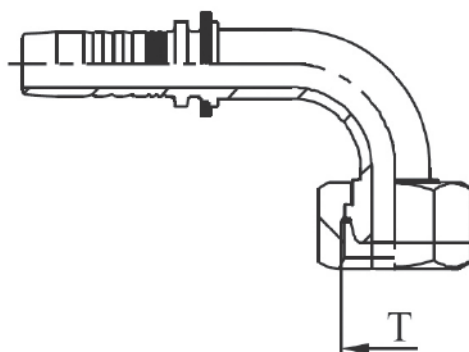
Fêmea 45° métrica porca giratória vedação boleada assento universal.
Material: Aço carbono bicromatizado.



Ø		Rosca	Tubo	Código Interno	Ref. Comercial
Pol	Bitola				
1/4"	-4	M14x1.5	8	XX024481X-08-04	145FU-08-04
1/4"	-4	M16x1.5	10	XX024481X-10-04	145FU-10-04
5/16"	-5	M16x1.5	10	XX024481X-10-05	145FU-10-05
3/8"	-6	M18x1.5	12	XX024481X-12-06	145FU-12-06
3/8"	-6	M22x1.5	15	XX024481X-15-06	145FU-15-06
1/2"	-8	M22x1.5	15	XX024481X-15-08	145FU-15-08
5/8"	-10	M26x1.5	18	XX024481X-18-10	145FU-18-10

Terminal Prensado 90° Fêmea Sede Universal Norma DIN 3868

Fêmea 90° métrica porca giratória vedação boleada assento universal.
Material: Aço carbono bicromatizado



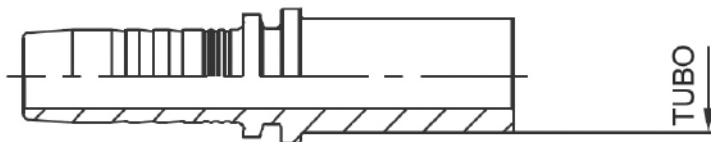
Ø		Rosca	Tubo	Código Interno	Ref. Comercial
Pol.	Bitola				
3/16"	-3	M12x1.5	6	XX029481X-06-03	190FU-06-03
1/4"	-4	M12x1.5	6	XX029481X-06-04	190FU-06-04
1/4"	-4	M14x1.5	8	XX029481X-08-04	190FU-08-04
1/4"	-4	M16x1.5	10	XX029481X-10-04	190FU-10-04
5/16"	-5	M16x1.5	10	XX029481X-10-05	190FU-10-05
3/8"	-6	M16x1.5	10	XX029481X-10-06	190FU-10-06
3/8"	-6	M18x1.5	12	XX029481X-12-06	190FU-12-06
1/2"	-8	M18x1.5	12	XX029481X-12-08	190FU-12-08
3/8"	-6	M22x1.5	15	XX029481X-15-06	190FU-15-06
1/2"	-8	M22x1.5	15	XX029481X-15-08	190FU-15-08
1/2"	-8	M26x1.5	18	XX029481X-18-08	190FU-18-08
5/8"	-10	M26x1.5	18	XX029481X-18-10	190FU-18-10

Terminal Prensado Reto Ponta Lisa

Norma DIN 2353

Terminal reto ponta lisa para montagem com porca e anilha.

Material: Aço carbono bicromatizado

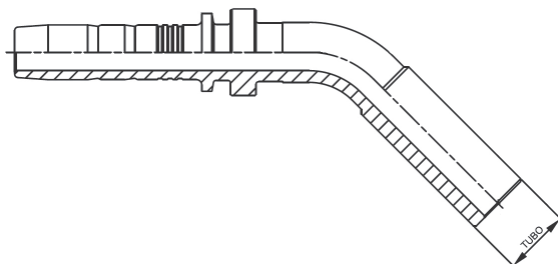


Série	Ø		Tubo	Código Interno	Ref. Comercial
	Pol.	Bitola			
SÉRIE UNIVERSAL	3/16"	-3	4	XX020011X-04-03	100PL-04-03
	3/16"	-3	6	XX020011X-06-03	100PL-06-03
	3/16"	-3	8	XX020011X-08-03	100PL-08-03
	1/4"	-4	6	XX020011X-06-04	100PL-06-04
	1/4"	-4	8	XX020011X-08-04	100PL-08-04
	1/4"	-4	10	XX020011X-10-04	100PL-10-04
	5/16"	-5	10	XX020011X-10-05	100PL-10-05
	3/8"	-6	10	XX020011X-10-06	100PL-10-06
	1/4"	-4	12	XX020011X-12-04	100PL-12-04
	5/16"	-5	12	XX020011X-12-05	100PL-12-05
	3/8"	-6	12	XX020011X-12-06	100PL-12-06
	1/2"	-8	12	XX020011X-12-08	100PL-12-08
	3/8"	-6	14	XX020011X-14-06	100PL-14-06
	1/2"	-8	14	XX020011X-14-08	100PL-14-08
	3/8"	-6	15	XX020011X-15-06	100PL-15-06
	1/2"	-8	15	XX020011X-15-08	100PL-15-08
	1/2"	-8	16	XX020011X-16-08	100PL-16-08
	5/8"	-10	16	XX020011X-16-10	100PL-16-10
	1/2"	-8	18	XX020011X-18-08	100PL-18-08
	5/8"	-10	18	XX020011X-18-10	100PL-18-10
	3/4"	-12	18	XX020011X-18-12	100PL-18-12
	5/8"	-10	19	XX020011X-19-10	100PL-19-10
	5/8"	-10	20	XX020011X-20-10	100PL-20-10
	3/4"	-12	20	XX020011X-20-12	100PL-20-12
	5/8"	-10	22	XX020011X-22-10	100PL-22-10
	3/4"	-12	22	XX020011X-22-12	100PL-22-12
	3/4"	-12	25	XX020011X-25-12	100PL-25-12
	1"	-16	25	XX020011X-25-16	100PL-25-16
	1"	-16	28	XX020011X-28-16	100PL-28-16
	1"	-16	30	XX020011X-30-16	100PL-30-16
	1.1/4"	-20	30	XX020011X-30-20	100PL-30-20
	1.1/4"	-20	35	XX020011X-35-20	100PL-35-20
	1"	-16	38	XX020011X-38-16	100PL-38-16
	1.1/4"	-20	38	XX020011X-38-20	100PL-38-20
	1.1/2"	-24	38	XX020011X-38-24	100PL-38-24
	1.1/4"	-20	42	XX020011X-42-20	100PL-42-20
	1.1/2"	-24	42	XX020011X-42-24	100PL-42-24

Terminal Prensado 45° Ponta Lisa

Séries Leve/Pesada - Norma DIN 2353

Terminal 45° ponta lisa para montagem com porca e anilha.
Material: Aço carbono bicromatizado



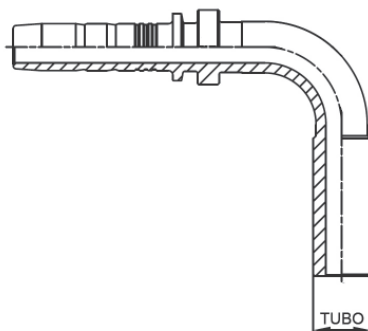
Série	Ø		Tubo	Código Interno	Ref. Comercial
	Pol.	Bitola			
SÉRIE UNIVERSAL	1/4"	-4	6	XX024011X-06-04	145PL-06-04
	1/4"	-4	8	XX024011X-08-04	145PL-08-04
	1/4"	-4	10	XX024011X-10-04	145PL-10-04
	5/16"	-5	10	XX024011X-10-05	145PL-10-05
	3/8"	-6	10	XX024011X-10-06	145PL-10-06
	1/4"	-4	12	XX024011X-12-04	145PL-12-04
	3/8"	-6	12	XX024011X-12-06	145PL-12-06
	3/8"	-6	14	XX024011X-14-06	145PL-14-06
	1/2"	-8	14	XX024011X-14-08	145PL-14-08
	1/2"	-8	15	XX024011X-15-08	145PL-15-08
	1/2"	-8	16	XX024011X-16-08	145PL-16-08
	1/2"	-8	18	XX024011X-18-08	145PL-18-08
	5/8"	-10	18	XX024011X-18-10	145PL-18-10
	5/8"	-10	20	XX024011X-20-10	145PL-20-10
	3/4"	-12	22	XX024011X-22-12	145PL-22-12
	3/4"	-12	25	XX024011X-25-12	145PL-25-12
	1"	-16	25	XX024011X-25-16	145PL-25-16
	1"	-16	28	XX024011X-28-16	145PL-28-16
	1.1/4"	-20	35	XX024011X-35-20	145PL-35-20

Terminal Prensado 90° Ponta Lisa

Série Leve - Norma DIN 2353

Terminal 90° ponta lisa para montagem com porca e anilha.

Material: Aço carbono bicromatizado



Série	Ø		Tubo	Código Interno	Ref. Comercial
	Pol.	Bitola			
SÉRIE UNIVERSAL	3/16"	-3	6	XX029011X-06-03	190PL-06-03
	1/4"	-4	6	XX029011X-06-04	190PL-06-04
	1/4"	-4	8	XX029011X-08-04	190PL-08-04
	1/4"	-4	10	XX029011X-10-04	190PL-10-04
	5/16"	-5	10	XX029011X-10-05	190PL-10-05
	3/8"	-6	10	XX029011X-10-06	190PL-10-06
	1/4"	-4	12	XX029011X-12-04	190PL-12-04
	5/16"	-5	12	XX029011X-12-05	190PL-12-05
	3/8"	-6	12	XX029011X-12-06	190PL-12-06
	1/2"	-8	12	XX029011X-12-08	190PL-12-08
	3/8"	-6	14	XX029011X-14-06	190PL-14-06
	1/2"	-8	14	XX029011X-14-08	190PL-14-08
	1/2"	-8	15	XX029011X-15-08	190PL-15-08
	1/2"	-8	16	XX029011X-16-08	190PL-16-08
	3/4"	-12	16	XX029011X-16-12	190PL-16-12
	1/2"	-8	18	XX029011X-18-08	190PL-18-08
	5/8"	-10	18	XX029011X-18-10	190PL-18-10
	3/4"	-12	18	XX029011X-18-12	190PL-18-12
	5/8"	-10	19	XX029011X-19-10	190PL-19-10
	5/8"	-10	20	XX029011X-20-10	190PL-20-10
	3/4"	-12	20	XX029011X-20-12	190PL-20-12
	5/8"	-10	22	XX029011X-22-10	190PL-22-10
	3/4"	-12	22	XX029011X-22-12	190PL-22-12
	3/4"	-12	25	XX029011X-25-12	190PL-25-12
	1"	-16	25	XX029011X-25-16	190PL-25-16
	1"	-16	28	XX029011X-28-16	190PL-28-16
	1"	-16	30	XX029011X-30-16	190PL-30-16
	1.1/4"	-20	35	XX029011X-35-20	190PL-35-20

Terminal Prensado Macho Fixo BSPP

Norma BS 5200

Terminal reto macho fixo BSPP, vedação assento 60°, ou na base da rosca com junta de cobre.

Material: Aço carbono bicromatizado.



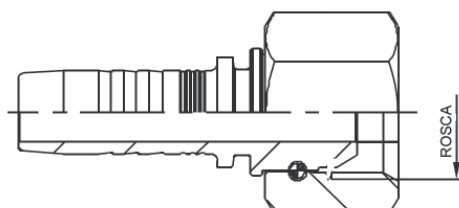
Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
3/16"	-3	1/8"-28	XX020101X-02-03	100MB-02-03
1/4"	-4	1/8"-28	XX020101X-02-04	100MB-02-04
1/4"	-4	1/4"-19	XX020101X-04-04	100MB-04-04
5/16"	-5	1/4"-19	XX020101X-04-05	100MB-04-05
1/4"	-4	3/8"-19	XX020101X-06-04	100MB-06-04
5/16"	-5	3/8"-19	XX020101X-06-05	100MB-06-05
3/8"	-6	3/8"-19	XX020101X-06-06	100MB-06-06
3/8"	-6	1/2"-14	XX020101X-08-06	100MB-08-06
1/2"	-8	3/8"-19	XX020101X-06-08	100MB-06-08
1/2"	-8	1/2"-14	XX020101X-08-08	100MB-08-08
5/8"	-10	1/2"-14	XX020101X-08-10	100MB-08-10
1/2"	-8	5/8"-14	XX020101X-10-08	100MB-10-08
5/8"	-10	5/8"-14	XX020101X-10-10	100MB-10-10
1/2"	-8	3/4"-14	XX020101X-12-08	100MB-12-08
5/8"	-10	3/4"-14	XX020101X-12-10	100MB-12-10
3/4"	-12	3/4"-14	XX020101X-12-12	100MB-12-12
3/4"	-12	1"-11	XX020101X-16-12	100MB-16-12
1"	-16	1"-11	XX020101X-16-16	100MB-16-16
1"	-16	1.1/4"-11	XX020101X-20-16	100MB-20-16
1.1/4"	-20	1.1/4"-11	XX020101X-20-20	100MB-20-20
1.1/2"	-24	1.1/2"-11	XX020101X-24-24	100MB-24-24
2"	-32	2"-11	XX020101X-32-32	100MB-32-32

Terminal Prensado Reto Fêmea Giratória BSPP

Boleado - Norma BS5200

Terminal reto fêmea giratória rosca BSPP vedação boleada com assento 60°.

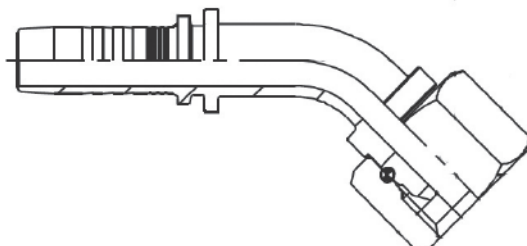
Material: Aço carbono bicromatizado.



Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
3/16"	-3	1/8"-28	XX020401X-02-03	100FB-02-03
1/4"	-4	1/8"-28	XX020401X-02-04	100FB-02-04
3/16"	-3	1/4"-19	XX020401X-04-03	100FB-04-03
1/4"	-4	1/4"-19	XX020401X-04-04	100FB-04-04
1/4"	-4	3/8"-19	XX020401X-06-04	100FB-06-04
5/16"	-5	1/4"-19	XX020401X-04-05	100FB-04-05
5/16"	-5	3/8"-19	XX020401X-06-05	100FB-06-05
3/8"	-6	1/4"-19	XX020401X-04-06	100FB-04-06
3/8"	-6	3/8"-19	XX020401X-06-06	100FB-06-06
3/8"	-6	1/2"-14	XX020401X-08-06	100FB-08-06
1/2"	-8	3/8"-19	XX020401X-06-08	100FB-06-08
1/2"	-8	1/2"-14	XX020401X-08-08	100FB-08-08
5/8"	-10	1/2"-14	XX020401X-08-10	100FB-08-10
1/2"	-8	5/8"-14	XX020401X-10-08	100FB-10-08
5/8"	-10	5/8"-14	XX020401X-10-10	100FB-10-10
3/4"	-12	5/8"-14	XX020401X-10-12	100FB-10-12
1/2"	-8	3/4"-14	XX020401X-12-08	100FB-12-08
5/8"	-10	3/4"-14	XX020401X-12-10	100FB-12-10
3/4"	-12	3/4"-14	XX020401X-12-12	100FB-12-12
3/4"	-12	1"-11	XX020401X-16-12	100FB-16-12
1"	-16	1"-11	XX020401X-16-16	100FB-16-16
1"	-20	1.1/4"-11	XX020401X-20-16	100FB-20-16
1.1/4"	-20	1.1/4"-11	XX020401X-20-20	100FB-20-20
1.1/4"	-20	1.1/2"-11	XX020401X-24-20	100FB-24-20
1.1/2"	-24	1.1/2"-11	XX020401X-24-24	100FB-24-24
2"	-32	2"-11	XX020401X-32-32	100FB-32-32

Terminal Prensado 45° Fêmea Giratória BSPP Boleado Norma BS5200

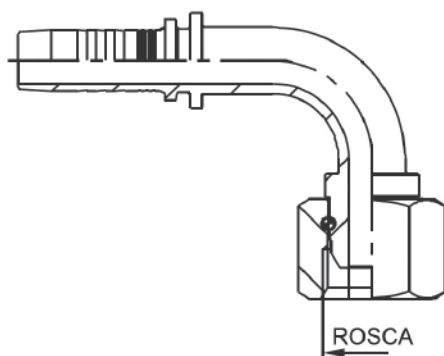
Terminal 45° fêmea giratória rosca BSPP vedação boleada com assento 60°.
Material: Aço carbono bicromatizado



Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
1/4"	-4	1/8"-28	XX024401X-02-04	145FB-02-04
1/4"	-4	1/4"-19	XX024401X-04-04	145FB-04-04
1/4"	-4	3/8"-19	XX024401X-06-04	145FB-06-04
5/16"	-5	3/8"-19	XX024401X-06-05	145FB-06-05
3/8"	-6	3/8"-19	XX024401X-06-06	145FB-06-06
3/8"	-6	1/2"-14	XX024401X-08-06	145FB-08-06
1/2"	-8	1/2"-14	XX024401X-08-08	145FB-08-08
1/2"	-8	5/8"-14	XX024401X-10-08	145FB-10-08
5/8"	-10	5/8"-14	XX024401X-10-10	145FB-10-10
1/2"	-8	3/4"-14	XX024401X-12-08	145FB-12-08
5/8"	-10	3/4"-14	XX024401X-12-10	145FB-12-10
3/4"	-12	3/4"-14	XX024401X-12-12	145FB-12-12
3/4"	-12	1"-11	XX024401X-16-12	145FB-16-12
1"	-16	1"-11	XX024401X-16-16	145FB-16-16
1"	-16	1.1/4"-11	XX024401X-20-16	145FB-20-16
1.1/4"	-20	1.1/4"-11	XX024401X-20-20	145FB-20-20
1.1/2"	-24	1.1/2"-11	XX024401X-24-24	145FB-24-24
2"	-32	2"-11	XX024401X-32-32	145FB-32-32

Terminal Prensado 90° Fêmea Giratória BSPP Boleado Norma BS5200

Terminal 90° fêmea giratória rosca BSPP vedação boleada com assento 60°.
Material: Aço carbono bicromatizado



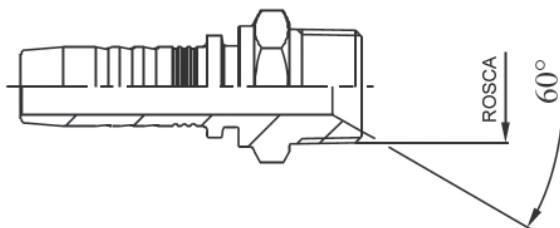
Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
3/16"	-3	1/8"-28	XX029401X-02-03	190FB-02-03
1/4"	-4	1/8"-28	XX029401X-02-04	190FB-02-04
1/4"	-4	1/4"-19	XX029401X-04-04	190FB-04-04
3/8"	-6	1/4"-19	XX029401X-04-06	190FB-04-06
1/4"	-4	3/8"-19	XX029401X-06-04	190FB-06-04
5/16"	-5	3/8"-19	XX029401X-06-05	190FB-06-05
3/8"	-6	3/8"-19	XX029401X-06-06	190FB-06-06
3/8"	-6	1/2"-14	XX029401X-08-06	190FB-08-06
1/2"	-8	1/2"-14	XX029401X-08-08	190FB-08-08
1/2"	-8	5/8"-14	XX029401X-10-08	190FB-10-08
5/8"	-10	5/8"-14	XX029401X-10-10	190FB-10-10
1/2"	-8	3/4"-14	XX029401X-12-08	190FB-12-08
5/8"	-10	1/2"-14	XX029401X-08-10	190FB-08-10
5/8"	-10	3/4"-14	XX029401X-12-10	190FB-12-10
3/4"	-12	3/4"-14	XX029401X-12-12	190FB-12-12
3/4"	-12	1"-11	XX029401X-16-12	190FB-16-12
1"	-16	1"-11	XX029401X-16-16	190FB-16-16
1"	-16	1.1/4"-11	XX029401X-20-16	190FB-20-16
1.1/4"	-20	1.1/4"-11	XX029401X-20-20	190FB-20-20
1.1/4"	-20	1.1/2"-11	XX029401X-24-20	190FB-24-20
1.1/2"	-24	1.1/2"-11	XX029401X-24-24	190FB-24-24
2"	-32	2"-11	XX029401X-32-32	190FB-32-32

Terminal Prensado Macho NPTF

Norma SAE J516

Terminal macho fixo reto rosca NPTF (cônica) vedação cone de 60° ou na própria rosca.

Material: Aço carbono bicromatizado.



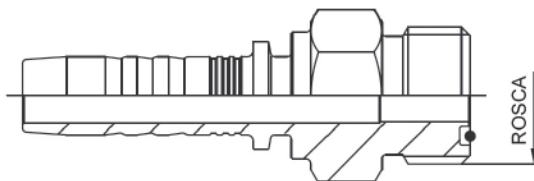
Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
3/16"	-3	1/8"-27	XX020271X-02-03	100MN-02-03
1/4"	-4	1/8"-27	XX020271X-02-04	100MN-02-04
1/4"	-4	1/4"-18	XX020271X-04-04	100MN-04-04
1/4"	-4	3/8"-18	XX020271X-06-04	100MN-06-04
5/16"	-5	1/4"-18	XX020271X-04-05	100MN-04-05
5/16"	-5	3/8"-18	XX020271X-06-05	100MN-06-05
3/8"	-6	1/4"-18	XX020271X-04-06	100MN-04-06
1/2"	-8	1/4"-18	XX020271X-04-08	100MN-04-08
3/8"	-6	3/8"-18	XX020271X-06-06	100MN-06-06
1/4"	-4	1/2"-14	XX020271X-08-04	100MN-08-04
3/8"	-6	1/2"-14	XX020271X-08-06	100MN-08-06
1/2"	-8	3/8"-18	XX020271X-06-08	100MN-06-08
1/2"	-8	1/2"-14	XX020271X-08-08	100MN-08-08
1/2"	-8	3/4"-16	XX020271X-12-08	100MN-12-08
5/8"	-10	1/2"-14	XX020271X-08-10	100MN-08-10
3/4"	-12	1/2"-14	XX020271X-08-12	100MN-08-12
5/8"	-10	3/4"-14	XX020271X-12-10	100MN-12-10
3/4"	-12	3/4"-14	XX020271X-12-12	100MN-12-12
5/8"	-10	1"-11.5	XX020271X-16-10	100MN-16-10
3/4"	-12	1"-11.5	XX020271X-16-12	100MN-16-12
1"	-16	1"-11.5	XX020271X-16-16	100MN-16-16
1"	-16	1.1/4"-11.5	XX020271X-20-16	100MN-20-16
1.1/4"	-20	1.1/4"-11.5	XX020271X-20-20	100MN-20-20
1.1/2"	-24	1.1/2"-11.5	XX020271X-24-24	100MN-24-24
2"	-32	2"-11.5	XX020271X-32-32	100MN-32-32
2.1/2"	-40	2.1/2"-8	XX020271X-40-40	100MN-40-40

Terminal Prensado Macho ORFS

Norma SAE J1453

Terminal macho fixo O'ring face seal, rosca UNF, vedação com anel no início da rosca.

Material: Aço carbono bicromatizado.



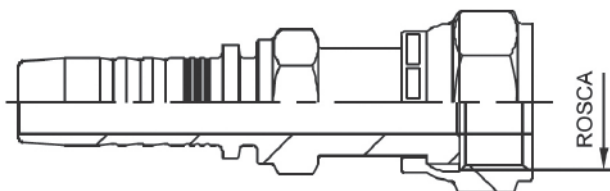
Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
1/4"	-4	9/16"-18	XX020251X-04-04	100MO-04-04
1/4"	-4	11/16"-16	XX020251X-06-04	100MO-06-04
3/8"	-6	11/16"-16	XX020251X-06-06	100MO-06-06
3/8"	-6	13/16"-16	XX020251X-08-06	100MO-08-06
1/2"	-8	13/16"-16	XX020251X-08-08	100MO-08-08
1/2"	-8	1"-14	XX020251X-10-08	100MO-10-08
5/8"	-10	1"-14	XX020251X-10-10	100MO-10-10
5/8"	-10	1.3/16"-12	XX020251X-12-10	100MO-12-10
3/4"	-12	1.3/16"-12	XX020251X-12-12	100MO-12-12
3/4"	-12	1.7/16"-12	XX020251X-16-12	100MO-16-12
1"	-16	1.7/16"-12	XX020251X-16-16	100MO-16-16
1.1/4"	-20	1.11/16"-12	XX020251X-20-20	100MO-20-20
1.1/2"	-24	2"-12	XX020251X-24-24	100MO-24-24

Terminal Prensado Reto Fêmea ORFS

Norma SAE J1453

Terminal reto fêmea giratória rosca UNF, vedação face plana - O'ring face seal.

Material: Aço carbono bicromatizado



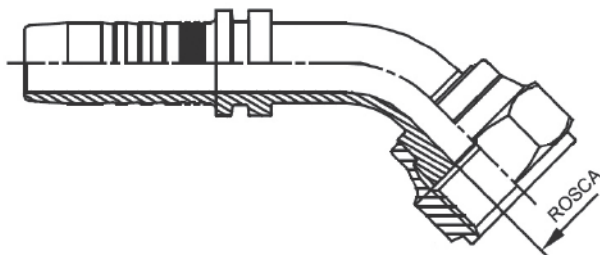
Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
1/4"	-4	9/16"-18	XX020491X-04-04	100FO-04-04
1/4"	-4	11/16"-16	XX020491X-06-04	100FO-06-04
5/16"	-5	11/16"-16	XX020491X-06-05	100FO-06-05
3/8"	-6	11/16"-16	XX020491X-06-06	100FO-06-06
1/2"	-8	11/16"-16	XX020491X-06-08	100FO-06-08
3/8"	-6	13/16"-12	XX020491X-08-06	100FO-08-06
1/2"	-8	13/16"-16	XX020491X-08-08	100FO-08-08
1/2"	-8	1"-14	XX020491X-10-08	100FO-10-08
1/2"	-8	1.3/16"-12	XX020491X-12-08	100FO-12-08
5/8"	-10	1"-14	XX020491X-10-10	100FO-10-10
5/8"	-10	1.3/16"-12	XX020491X-12-10	100FO-12-10
3/4"	-12	1"-14	XX020491X-10-12	100FO-10-12
3/4"	-12	1.3/16"-12	XX020491X-12-12	100FO-12-12
3/4"	-12	1.7/16"-12	XX020491X-16-12	100FO-16-12
1"	-16	1.3/16"-12	XX020491X-12-16	100FO-12-16
1"	-16	1.7/16"-12	XX020491X-16-16	100FO-16-16
1"	-16	1.11/16"-12	XX020491X-20-16	100FO-20-16
1.1/4"	-20	1.11/16"-12	XX020491X-20-20	100FO-20-20
1.1/2"	-24	2"-12	XX020491X-24-24	100FO-24-24

Terminal Prensado 45° Fêmea ORFS

Norma SAE J1453

Terminal 45° fêmea giratória rosca UNF, vedação face plana - O'ring face seal.

Material: Aço carbono bicromatizado.



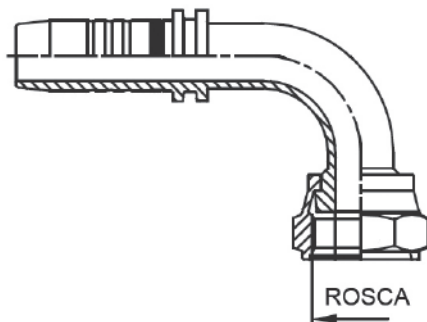
Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
1/4"	-4	9/16"-18	XX024491X-04-04	145FO-04-04
1/4"	-4	11/16"-16	XX024491X-06-04	145FO-06-04
5/16"	-5	11/16"-16	XX024491X-06-05	145FO-06-05
3/8"	-6	11/16"-16	XX024491X-06-06	145FO-06-06
1/2"	-8	11/16"-16	XX024491X-06-08	145FO-06-08
3/8"	-6	13/16"-16	XX024491X-08-06	145FO-08-06
1/2"	-8	13/16"-16	XX024491X-08-08	145FO-08-08
1/2"	-8	1"-14	XX024491X-10-08	145FO-10-08
5/8"	-10	1"-14	XX024491X-10-10	145FO-10-10
3/4"	-12	1"-14	XX024491X-10-12	145FO-10-12
1/2"	-8	1.3/16"-14	XX024491X-12-08	145FO-12-08
5/8"	-10	1.3/16"-14	XX024491X-12-10	145FO-12-10
3/4"	-12	1.3/16"-12	XX024491X-12-12	145FO-12-12
3/4"	-12	1.7/16"-12	XX024491X-16-12	145FO-16-12
1"	-16	1.7/16"-12	XX024491X-16-16	145FO-16-16
1"	-16	1.11/16"-12	XX024491X-20-16	145FO-20-16
1.1/4"	-20	1.11/16"-12	XX024491X-20-20	145FO-20-20
1.1/2"	-24	2"-12	XX024491X-24-24	145FO-24-24

Terminal Prensado 90° Fêmea ORFS

Norma SAE J1453

Terminal 90° fêmea giratória rosca UNF, vedação face plana - O'ring face seal.

Material: Aço carbono bicromatizado.

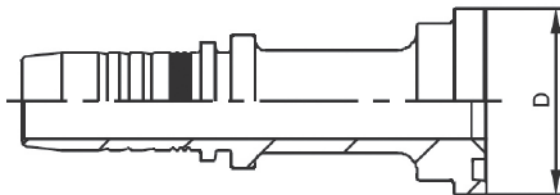


Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
1/4"	-4	9/16"-18	XX029491X-04-04	190FO-04-04
1/4"	-4	11/16"-16	XX029491X-06-04	190FO-06-04
5/16"	-5	11/16"-16	XX029491X-06-05	190FO-06-05
3/8"	-6	11/16"-16	XX029491X-06-06	190FO-06-06
1/2"	-8	11/16"-16	XX029491X-06-08	190FO-06-08
3/8"	-6	13/16"-16	XX029491X-08-06	190FO-08-06
1/2"	-8	13/16"-16	XX029491X-08-08	190FO-08-08
1/2"	-8	1"-14	XX029491X-10-08	190FO-10-08
5/8"	-10	1"-14	XX029491X-10-10	190FO-10-10
1/2"	-8	1.3/16"-12	XX029491X-12-08	190FO-12-08
5/8"	-10	1.3/16"-12	XX029491X-12-10	190FO-12-10
3/4"	-12	1.3/16"-12	XX029491X-12-12	190FO-12-12
3/4"	-12	1.7/16"-12	XX029491X-16-12	190FO-16-12
1"	-16	1.3/16"-12	XX029491X-12-16	190FO-12-16
1"	-16	1.7/16"-12	XX029491X-16-16	190FO-16-16
1"	-16	1.11/16"-12	XX029491X-20-16	190FO-20-16
1.1/4"	-20	1.11/16"-12	XX029491X-20-20	190FO-20-20
1.1/2"	-24	2"-12	XX029491X-24-24	190FO-24-24

Terminal Prensado Flange Reto (3000 psi) Código 61 Norma SAE J518

Terminal reto flange 3000psi. cód. 61.

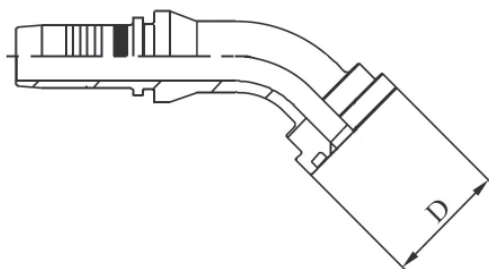
Material: Aço carbono bicromatizado.



Ø		Flange	D (mm)	Código Interno	Ref. Comercial
Pol.	Bitola				
1/2"	-8	1/2"	30,2	XX020611X-08-08	100F3-08-08
1/2"	-8	3/4"	38,1	XX020611X-12-08	100F3-12-08
5/8"	-10	3/4"	38,1	XX020611X-12-10	100F3-12-10
3/4"	-12	3/4"	38,1	XX020611X-12-12	100F3-12-12
1"	-16	3/4"	38,1	XX020611X-12-16	100F3-12-16
3/4"	-12	1"	44,4	XX020611X-16-12	100F3-16-12
1"	-16	1"	44,4	XX020611X-16-16	100F3-16-16
1.1/4"	-20	1"	44,4	XX020611X-16-20	100F3-16-20
1"	-16	1.1/4"	50,8	XX020611X-20-16	100F3-20-16
1.1/4"	-20	1.1/4"	50,8	XX020611X-20-20	100F3-20-20
1"	-16	1.1/2"	60,3	XX020611X-24-16	100F3-24-16
1.1/4"	-20	1.1/2"	60,3	XX020611X-24-20	100F3-24-20
1.1/2"	-24	1.1/2"	60,3	XX020611X-24-24	100F3-24-24
1.1/2"	-24	2"	71,4	XX020611X-32-24	100F3-32-24
2"	-32	2"	71,4	XX020611X-32-32	100F3-32-32
2"	-32	2.1/2"	84,3	XX020611X-40-32	100F3-40-32
2.1/2"	-40	2.1/2"	84,3	XX020611X-40-40	100F3-40-40

Terminal Prensado Flange 45° (3000 psi) Código 61 Norma SAE J518

Terminal 45° flange 3000psi. cód. 61.
Material: Aço carbono bicromatizado.



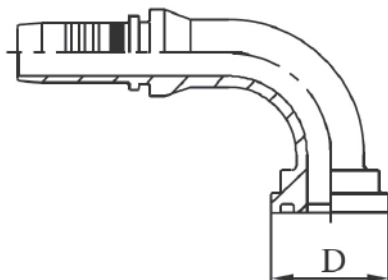
Ø		Flange	D (mm)	Código Interno	Ref. Comercial
Pol.	Bitola				
1/2"	-8	1/2"	30,2	XX024611X-08-08	145F3-08-08
1/2"	-8	3/4"	38,1	XX024611X-12-08	145F3-12-08
5/8"	-10	3/4"	38,1	XX024611X-12-10	145F3-12-10
3/4"	-12	3/4"	38,1	XX024611X-12-12	145F3-12-12
3/4"	-12	1"	44,4	XX024611X-16-12	145F3-16-12
1"	-16	1"	44,4	XX024611X-16-16	145F3-16-16
1.1/4"	-20	1"	44,4	XX024611X-16-20	145F3-16-20
1.1/4"	-20	1.1/4"	50,8	XX024611X-20-20	145F3-20-20
1"	-16	1.1/4"	50,8	XX024611X-20-16	145F3-20-16
1.1/4"	-20	1.1/2"	60,3	XX024611X-24-20	145F3-24-20
1.1/2"	-24	1.1/2"	60,3	XX024611X-24-24	145F3-24-24
1.1/2"	-24	2"	71,4	XX024611X-32-24	145F3-32-24
2"	-32	2"	71,4	XX024611X-32-32	145F3-32-32
2"	-32	2.1/2"	84,3	XX024611X-40-32	145F3-40-32
2.1/2"	-40	2.1/2"	84,3	XX024611X-40-40	145F3-40-40

Terminal Prensado Flange 90° (3000 psi) Código 61

Norma SAE J518

Terminal 90° flange 3000psi. cód. 61.

Material: Aço carbono bicromatizado.

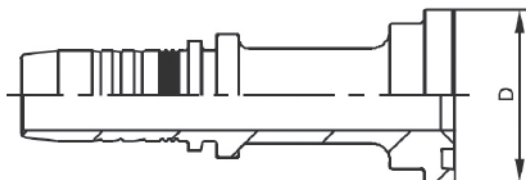


Ø		Flange	D (mm)	Código Interno	Ref. Comercial
Pol.	Bitola				
1/2"	-8	1/2"	30,2	XX029611X-08-08	190F3-08-08
1/2"	-8	3/4"	38,1	XX029611X-12-08	190F3-12-08
5/8"	-10	3/4"	38,1	XX029611X-12-10	190F3-12-10
3/4"	-12	3/4"	38,1	XX029611X-12-12	190F3-12-12
3/4"	-12	1"	44,4	XX029611X-16-12	190F3-16-12
1"	-16	1"	44,4	XX029611X-16-16	190F3-16-16
1.1/4"	-20	1"	44,4	XX029611X-16-20	190F3-16-20
1"	-16	1.1/4"	50,8	XX029611X-20-16	190F3-20-16
1.1/4"	-20	1.1/4"	50,8	XX029611X-20-20	190F3-20-20
1.1/4"	-20	1.1/2"	60,3	XX029611X-24-20	190F3-24-20
1.1/2"	-24	1.1/2"	60,3	XX029611X-24-24	190F3-24-24
2"	-32	1.1/2"	60,3	XX029611X-24-32	190F3-24-32
1.1/2"	-24	2"	71,4	XX029611X-32-24	190F3-32-24
2"	-32	2"	71,4	XX029611X-32-32	190F3-32-32
2"	-32	2.1/2"	84,3	XX029611X-40-32	190F3-40-32
2.1/2"	-40	2.1/2"	84,3	XX029611X-40-40	190F3-40-40
3"	-48	3"	101,6	XX029611X-48-48	190F3-48-48

Terminal Prensado Flange Reto (6000 psi) Código 62

Norma SAE J518

Terminal reto flange 6000 psi cód. 62.
Material: Aço carbono bicromatizado.

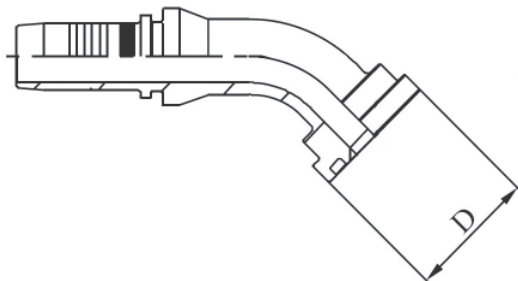


Ø		Flange	D (mm)	Código Interno	Ref. Comercial
Pol.	Bitola				
1/2"	-8	1/2"	31,7	XX020621X-08-08	100F6-08-08
1/2"	-8	3/4"	41,3	XX020621X-12-08	100F6-12-08
5/8"	-10	1/2"	31,7	XX020621X-08-10	100F6-08-10
5/8"	-10	3/4"	41,3	XX020621X-12-10	100F6-12-10
3/4"	-12	3/4"	41,3	XX020621X-12-12	100F6-12-12
3/4"	-12	1"	47,6	XX020621X-16-12	100F6-16-12
1"	-16	1"	47,6	XX020621X-16-16	100F6-16-16
1"	-16	1.1/4"	54,0	XX020621X-20-16	100F6-20-16
1.1/4"	-20	1.1/4"	54,0	XX020621X-20-20	100F6-20-20
1.1/4"	-20	1.1/2"	63,5	XX020621X-24-20	100F6-24-20
1.1/2"	-24	1.1/2"	63,5	XX020621X-24-24	100F6-24-24
2"	-32	2"	79,4	XX020621X-32-32	100F6-32-32

Terminal Prensado Flange 45° (6000 psi) Código 62

Norma SAE J518

Terminal 45° flange 6000 psi. cód. 62.
Material: Aço carbono bicromatizado.

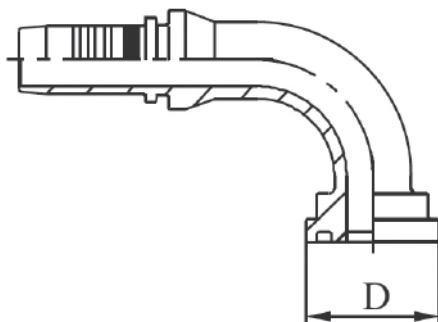


Ø		Flange	D (mm)	Código Interno	Ref. Comercial
Pol.	Bitola				
1/2"	-8	1/2"	31,7	XX024621X-08-08	145F6-08-08
1/2"	-8	3/4"	41,3	XX024621X-12-08	145F6-12-08
5/8"	-10	3/4"	41,3	XX024621X-12-10	145F6-12-10
3/4"	-12	3/4"	41,3	XX024621X-12-12	145F6-12-12
3/4"	-12	1"	47,6	XX024621X-16-12	145F6-16-12
1"	-16	1"	47,6	XX024621X-16-16	145F6-16-16
1.1/4"	-20	1"	47,6	XX024621X-16-20	145F6-16-20
1"	-16	1.1/4"	54,0	XX024621X-20-16	145F6-20-16
1.1/4"	-20	1.1/4"	54,0	XX024621X-20-20	145F6-20-20
1.1/4"	-20	1.1/2"	63,5	XX024621X-24-20	145F6-24-20
1.1/2"	-24	1.1/2"	63,5	XX024621X-24-24	145F6-24-24
2"	-32	2"	79,4	XX024621X-32-32	145F6-32-32

Terminal Prensado Flange 90° (6000 psi) Código 62

Norma SAE J518

Terminal 90° flange 6000 psi. cód. 62.
Material: Aço carbono bicromatizado.

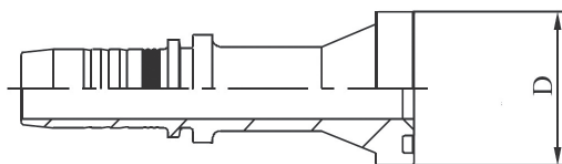


Ø		Flange	D (mm)	Código Interno	Ref. Comercial
Pol.	Bitola				
1/2"	-8	1/2"	31,7	XX029621X-08-08	190F6-08-08
1/2"	-8	3/4"	41,3	XX029621X-12-08	190F6-12-08
5/8"	-10	3/4"	41,3	XX029621X-12-10	190F6-12-10
3/4"	-12	3/4"	41,3	XX029621X-12-12	190F6-12-12
3/4"	-12	1"	47,6	XX029621X-16-12	190F6-16-12
1"	-16	1"	47,6	XX029621X-16-16	190F6-16-16
1"	-16	1.1/4"	54,0	XX029621X-20-16	190F6-20-16
1.1/4"	-20	1.1/4"	54,0	XX029621X-20-20	190F6-20-20
1.1/4"	-20	1.1/2"	63,5	XX029621X-24-20	190F6-24-20
1.1/2"	-24	1.1/2"	63,5	XX029621X-24-24	190F6-24-24
2"	-32	2"	79,4	XX029621X-32-32	190F6-32-32

Terminal Prensado Reto Flange Supercat

Terminal reto flange especial Supercat.

Material: Aço carbono bicromatizado

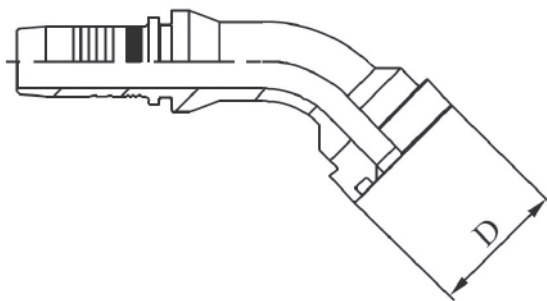


Ø		Flange	D (mm)	Código Interno	Ref. Comercial
Pol.	Bitola				
3/4"	-12	3/4"	41,5	XX020631X-12-12	100FC-12-12
3/4"	-12	1"	47,7	XX020631X-16-12	100FC-16-12
1"	-16	1"	47,7	XX020631X-16-16	100FC-16-16
1"	-16	1.1/4"	54,0	XX020631X-20-16	100FC-20-16
1.1/4"	-20	1.1/4"	54,0	XX020631X-20-20	100FC-20-20
1.1/2"	-24	1.1/2"	63,6	XX020631X-24-24	100FC-24-24

Terminal Prensado 45° Flange Supercat

Terminal 45° flange especial Supercat.

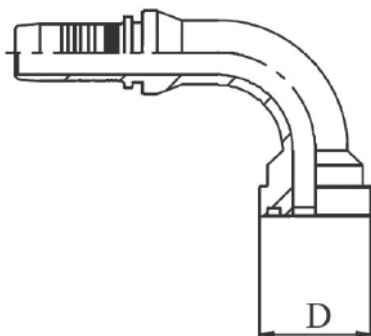
Material: Aço carbono bicromatizado



Ø		Flange	D (mm)	Código Interno	Ref. Comercial
Pol.	Bitola				
3/4"	-12	3/4"	41,5	XX024631X-12-12	145FC-12-12
1"	-16	1"	47,7	XX024631X-16-16	145FC-16-16
1"	-16	1.1/4"	54,0	XX024631X-20-16	145FC-20-16
1.1/4"	-20	1.1/4"	54,0	XX024631X-20-20	145FC-20-20
1.1/2"	-24	1.1/2"	63,6	XX024631X-24-24	145FC-24-24

Terminal Prensado 90° Flange Supercat

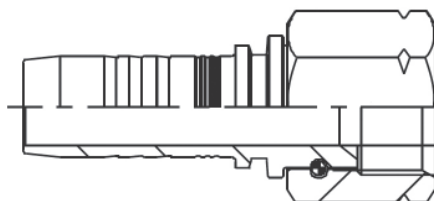
Terminal 90° flange especial Supercat.
Material: Aço carbono bicromatizado.



Ø		Flange	D (mm)	Código Interno	Ref. Comercial
Pol.	Bitola				
3/4"	-12	3/4"	41,5	XX029631X-12-12	190FC-12-12
1"	-16	1"	47,7	XX029631X-16-16	190FC-16-16
1"	-16	1.1/4"	54,0	XX029631X-20-16	190FC-20-16
1.1/4"	-20	1.1/4"	54,0	XX029631X-20-20	190FC-20-20
1.1/2"	-24	1.1/2"	63,6	XX029631X-24-24	190FC-24-24

Terminal Prensado Reto Fêmea SAE 45° Norma SAE J512

Terminal reto fêmea giratória rosca UNF, SAE 45°.
Material: Aço carbono bicromatizado



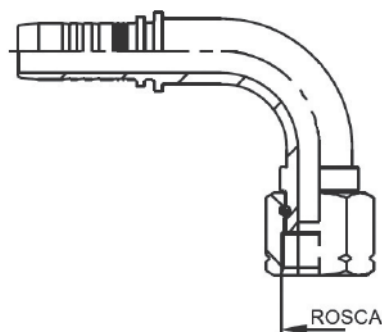
Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
3/8"	-6	5/8"-18	XX020511X-06-06	100FS-06-06
3/4"	-12	1.1/16"-14	XX020511X-12-12	100FS-12-12

Terminal Prensado 90° Fêmea UNF 45°

Norma SAE J512

Terminal 90° fêmea giratória rosca UNF, JIC 45°.

Material: Aço carbono bicromatizado

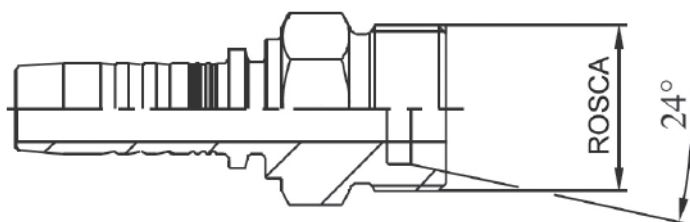


Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
1/4"	-4	5/8"-18	XX029511X-06-04	190FS-06-04
3/8"	-6	5/8"-18	XX029511X-06-06	190FS-06-06
3/4"	-12	1.1/16"-14	XX029511X-12-12	190FS-12-12

Terminal Prensado Macho Poclain

Terminal Poclain macho fixo reto para tubo, rosca métrica fina assento 24°.

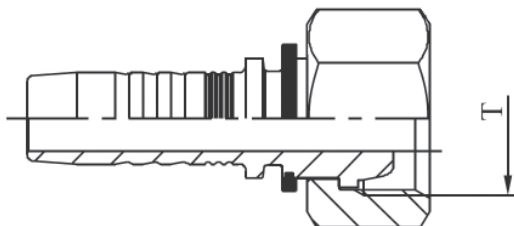
Material: Aço carbono bicromatizado.



Ø		Rosca	Tubo	Código Interno	Ref. Comercial
Pol.	Bitola				
5/16"	-5	M20x1.5	13,25	XX020241X-13-05	100TP-13-05
3/8"	-6	M20x1.5	13,25	XX020241X-13-06	100TP-13-06
3/8"	-6	M24x1.5	16.75	XX020241X-16-06	100TP-16-06
1/2"	-8	M24x1.5	16.75	XX020241X-16-08	100TP-16-08
5/8"	-10	M30x1.5	21.25	XX020241X-21-10	100TP-21-10
3/4"	-12	M36x1.5	26.75	XX020241X-26-12	100TP-26-12
1"	-16	M45x1.5	33,50	XX020241X-33-16	100TP-33-16

Terminal Prensado Fêmea Poclain

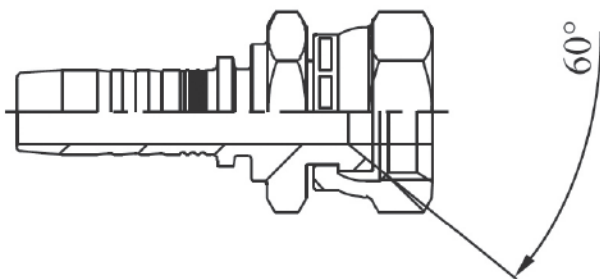
Terminal Poclain fêmea giratória reta, rosca métrica fina.
Material: Aço carbono bicromatizado.



Ø		Rosca	Tubo	Código Interno	Ref. Comercial
Pol.	Bitola				
1/2"	-8	M24x1.5	16.75	XX020461X-16-08	100FP-16-08
5/8"	-10	M30x1.5	21.25	XX020461X-21-10	100FP-21-10
3/4"	-12	M36x1.5	26.75	XX020461X-26-12	100FP-26-12

Terminal Prensado Reto Fêmea BSPP Toyota Norma JIS B8363

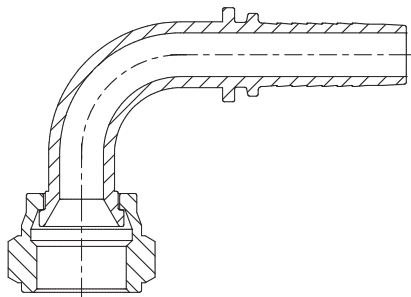
Terminal fêmea giratória reta rosca BSPP, cone 60°.
Material: Aço carbono bicromatizado.



Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
1/4"	-4	1/4"-19	XX020531X-04-04	100FBT-04-04
1/4"	-4	3/8"-19	XX020531X-06-04	100FBT-06-04
3/8"	-6	3/8"-19	XX020531X-06-06	100FBT-06-06
3/8"	-6	3/8"-19	XX020531X-08-06	100FBT-08-06
1/2"	-8	1/2"-14	XX020531X-08-08	100FBT-08-08
3/4"	-12	3/4"-14	XX020531X-12-12	100FBT-12-12
1"	-16	1"-11	XX020531X-16-16	100FBT-16-16

Terminal Prensado 90° Fêmea BSPP Toyota

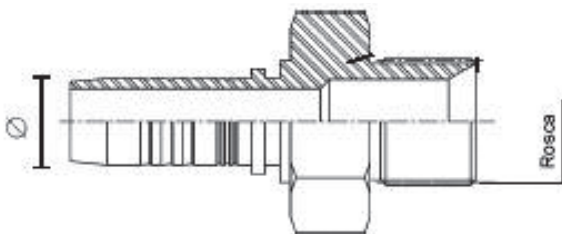
Norma JIS B8363



Pol.	Ø	Rosca	Código Interno	Ref. Comercial
	Bitola			
1/4"	-4	1/4"-19	XX029531X-04-04	190FBT-04-04
1/4"	-4	3/8"-19	XX029531X-06-04	190FBT-06-04
3/8"	-6	3/8"-19	XX029531X-06-06	190FBT-06-06
3/8"	-6	3/8"-19	XX029531X-08-06	190FBT-08-06
1/2"	-8	1/2"-14	XX029531X-08-08	190FBT-08-08
3/4"	-12	3/4"-14	XX029531X-12-12	190FBT-12-12
1"	-16	1"-11	XX029531X-16-16	190FBT-16-16

Terminal Prensado Macho Fixo Komatsu

Terminal macho fixo reto Komatsu, rosca métrica paralela.
Material: Aço carbono bicromatizado.



Pol.	Ø	Rosca	Código Interno	Ref. Comercial
	Bitola			
5/8"	-10	M22x1.5	XX020361X-22-10	100MK-22-10
1/2"	-8	M24x1.5	XX020361X-24-08	100MK-24-08
5/8"	-10	M24x1.5	XX020361X-24-10	100MK-24-10
3/4"	-12	M24x1.5	XX020361X-24-12	100MK-24-12

Terminal Prensado Reto Fêmea Métrica Komatsu

Norma JIS B8363

Terminal fêmea giratória reta, rosca métrica fina padrão Komatsu.
Material: Aço carbono bicromatizado



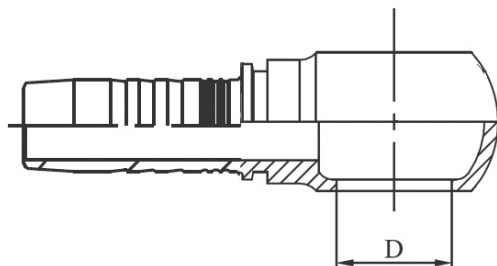
Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
3/16"	-3	M14x1.5	XX020541X-14-03	100FK-14-03
1/4"	-4	M14x1.5	XX020541X-14-04	100FK-14-04
5/16"	-5	M16x1.5	XX020541X-16-05	100FK-16-05
3/8"	-6	M14x1.5	XX020541X-14-06	100FK-14-06
1/4"	-4	M18x1.5	XX020541X-18-04	100FK-18-04
3/8"	-6	M18x1.5	XX020541X-18-06	100FK-18-06
1/2"	-8	M22x1.5	XX020541X-22-08	100FK-22-08
1/2"	-8	M24x1.5	XX020541X-24-08	100FK-24-08
5/8"	-10	M24x1.5	XX020541X-24-10	100FK-24-10
3/4"	-12	M24x1.5	XX020541X-24-12	100FK-24-12
5/8"	-10	M26x1.5	XX020541X-26-10	100FK-26-10
3/4"	-12	M30x1.5	XX020541X-30-12	100FK-30-12
1"	-16	M33x1.5	XX020541X-33-16	100FK-33-16
1.1/4"	-20	M36x1.5	XX020541X-36-20	100FK-36-20
1.1/2"	-24	M42x1.5	XX020541X-42-24	100FK-42-24

Terminal Prensado Banjo Métrico

Norma DIN 7642

Terminal tipo olhal para parafuso métrico.

Material: Aço carbono bicromatizado.

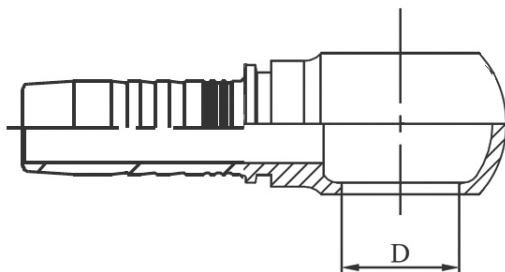


Ø		Olhal (mm)	Código Interno	Ref. Comercial
Pol.	Bitola			
3/16"	-3	M10	XX020031X-10-03	100BM-10-03
1/4"	-4	M10	XX020031X-10-04	100BM-10-04
1/4"	-4	M12	XX020031X-12-04	100BM-12-04
3/8"	-6	M12	XX020031X-12-06	100BM-12-06
1/4"	-4	M14	XX020031X-14-04	100BM-14-04
5/16"	-5	M14	XX020031X-14-05	100BM-14-05
3/8"	-6	M14	XX020031X-14-06	100BM-14-06
3/8"	-6	M16	XX020031X-16-06	100BM-16-06
1/2"	-8	M16	XX020031X-16-08	100BM-16-08
3/8"	-6	M18	XX020031X-18-06	100BM-18-06
1/2"	-8	M18	XX020031X-18-08	100BM-18-08
3/8"	-6	M19	XX020031X-19-06	100BM-19-06
3/8"	-6	M21	XX020031X-21-06	100BM-21-06
1/2"	-8	M22	XX020031X-22-08	100BM-22-08
5/8"	-10	M22	XX020031X-22-10	100BM-22-10
3/4"	-12	M26	XX020031X-26-12	100BM-26-12

Terminal Prensado Banjo BSPP

Terminal tipo olhal para parafuso BSPP.

Material: Aço carbono bicromatizado

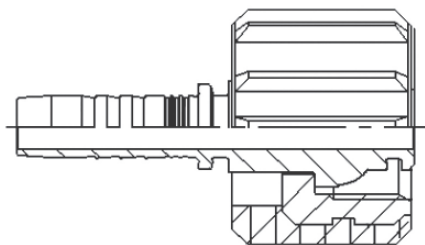


Ø		Olhal	Código Interno	Ref. Comercial
Pol.	Bitola			
1/4"	-4	1/4"-19	XX020021X-04-04	100BB-04-04
5/16"	-5	3/8"-19	XX020021X-06-05	100BB-06-05
3/8"	-6	3/8"-19	XX020021X-06-06	100BB-06-06
3/8"	-6	1/2"-14	XX020021X-08-06	100BB-08-06
1/2"	-8	1/2"-14	XX020021X-08-08	100BB-08-08
5/8"	-10	5/8"-14	XX020021X-10-10	100BB-10-10
3/4"	-12	3/4"-14	XX020021X-12-12	100BB-12-12
1"	-16	1"-11	XX020021X-16-16	100BB-16-16

Terminal Prensado Fêmea Karcher

Terminal fêmea giratória tipo Karcher, M22x1.5.

Material: Aço carbono bicromatizado, porca com cobertura plástica.

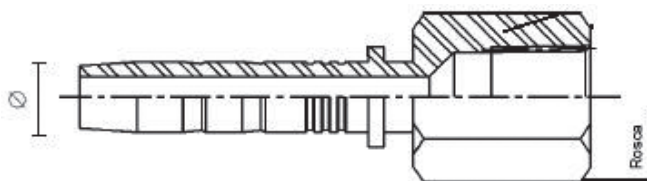


Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
1/4"	-4	M22x1.5	XX020561X-22-04	100TK-22-04
5/16"	-5	M22x1.5	XX020561X-22-05	100TK-22-05
3/8"	-6	M22x1.5	XX020561X-22-06	100TK-22-06
1/2"	-8	M22x1.5	XX020561X-22-08	100TK-22-08

Terminal Pressado Fêmea Fixa NPTF

Terminal fêmea fixa, rosca NPTF.

Material: Aço carbono bicromatizado.

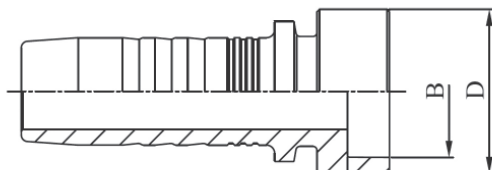


Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
1/4"	-4	1/8-27	XX020581X-02-04	100FN-02-04
1/4"	-4	1/4"-18	XX020581X-04-04	100FN-04-04

Terminal Pressado Pino Salva-Vidas

Terminal prensado salva-vidas.

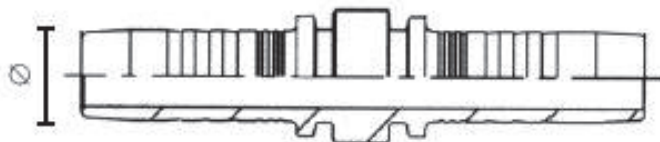
Material aço fosfatizado.



Ø		B (mm)	D (mm)	Código Interno	Ref. Comercial
Pol.	Bitola				
3/16"	-3	6	10	XX020043X-06-03	100SV-06-03
1/4"	-4	8	12	XX020043X-08-04	100SV-08-04
5/16"	-5	10	14	XX020043X-10-05	100SV-10-05
3/8"	-6	12	16	XX020043X-12-06	100SV-12-06
3/8"	-6	14	18	XX020043X-14-06	100SV-14-06
1/2"	-8	15	20	XX020043X-15-06	100SV-15-08
1/2"	-8	16	20	XX020043X-16-08	100SV-16-08
5/8"	-10	18	23	XX020043X-15-08	100SV-18-10
3/4"	-12	22	26	XX020043X-22-12	100SV-22-12
1"	-16	28	34	XX020043X-28-16	100SV-28-16
1.1/4"	-20	35	40	XX020043X-35-20	100SV-35-20
1.1/2"	-24	40	50	XX020043X-40-24	100SV-40-24
2"	-32	50	60	XX020042X-50-32	100SV-50-32

Terminal Emenda para Mangueira

Espigão para emenda de mangueiras.
Material: Aço carbono bicromatizado.



Ø		Código Interno	Ref. Comercial
Pol.	Bitola		
1/4"	-4	XX020051X-04-04	100PD-04-04
5/16"	-5	XX020051X-05-05	100PD-05-05
3/8"	-6	XX020051X-06-06	100PD-06-06
1/2"	-8	XX020051X-08-08	100PD-08-08
5/8"	-10	XX020051X-10-10	100PD-10-10
3/4"	-12	XX020051X-12-12	100PD-12-12
1"	-16	XX020051X-16-16	100PD-16-16

Terminal Prensado Reto Fêmea Giratória JIC 37° Interlock Plus - Norma SAE J514

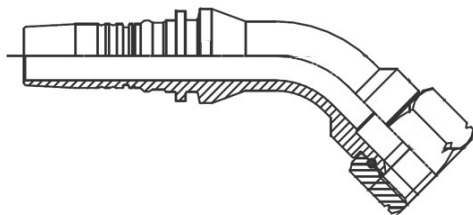
Terminal Interlock Plus prensado reto fêmea giratória. Vedação JIC 37°.
Material: Aço carbono bicromatizado.



Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
3/4"	-12	1.1/16"-12	XX750501X-12-12	200FJ-12-12
3/4"	-12	1.5/16"-12	XX750501X-16-12	200FJ-16-12
1"	-16	1.5/16"-12	XX750501X-16-16	200FJ-16-16
1"	-16	1.5/8"-12	XX750501X-20-16	200FJ-20-16
1.1/4"	-20	1.5/8"-12	XX750501X-20-20	200FJ-20-20
1.1/2"	-24	1.7/8"-12	XX750501X-24-24	200FJ-24-24
2"	-32	2.1/2"-12	XX750501X-32-32	200FJ-32-32

Terminal Prensado 45° Fêmea Giratória JIC 37° Interlock Plus – Norma SAE J514

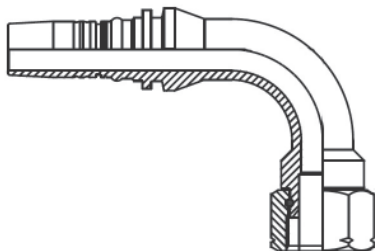
Terminal Interlock Plus prensado 45° fêmea giratória vedação JIC 37°
Material: Aço carbono bicromatizado



Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
3/4"	-12	1.1/16"-12	XX754501X-12-12	245FJ-12-12
1"	-16	1.5/16"-12	XX754501X-16-16	245FJ-16-16
1.1/4"	-20	1.5/8"-12	XX754501X-20-20	245FJ-20-20
1.1/2"	-24	1.7/8"-12	XX754501X-24-24	245FJ-24-24
2"	-32	2.1/2"-12	XX754501X-32-32	245FJ-32-32

Terminal Prensado 90° JIC 37° Interlock Plus Norma SAE J514

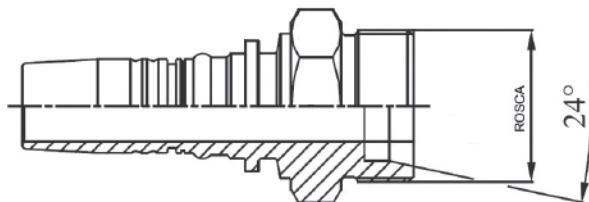
Terminal Interlock Plus prensado 90° fêmea giratória vedação JIC 37°.
Material: Aço carbono bicromatizado



Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
3/4"	-12	1.1/16"-12	XX759501X-12-12	290FJ-12-12
3/4"	-12	1.5/16"-12	XX750501X-16-12	290FJ-16-12
1"	-16	1.5/16"-12	XX759501X-16-16	290FJ-16-16
1.1/4"	-20	1.5/8"-12	XX759501X-20-20	290FJ-20-20
1.1/4"	-20	1.7/8"-12	XX750501X-24-20	290FJ-24-20
1.1/2"	-24	1.7/8"-12	XX759501X-24-24	290FJ-24-24
2"	-32	2.1/2"-12	XX759501X-32-32	290FJ-32-32

Terminal Prensado Macho para Tubo Pesado Interlock Plus - Norma DIN 3853/3861

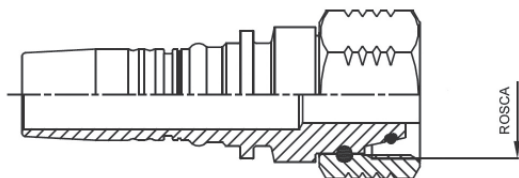
Terminal Interlock Plus macho fixo reto, para tubo cone vedação 24°.
Material: Aço carbono bicromatizado.



Ø		Rosca	Tubo	Código Interno	Ref. Comercial
Pol.	Bitola				
5/8"	-10	M30x2.0	20	XX750181X-20-10	200MP-20-10
3/4"	-12	M30x2.0	20	XX750181X-20-12	200MP-20-12
3/4"	-12	M36x2.0	25	XX750181X-25-12	200MP-25-12
1"	-16	M26x2.0	25	XX750181X-25-16	200MP-25-16
1"	-16	M42x2.0	30	XX750181X-30-16	200MP-30-16
1.1/4"	-20	M52x2.0	38	XX750181X-38-20	200MP-38-20
1.1/2"	-24	M52x2.0	38	XX750181X-38-24	200MP-38-24

Terminal Prensado 45° Fêmea DKO - Cone 24° Série Pesada Interlock Plus - Norma DIN 3865

Terminal 45° fêmea giratória Interlock rosca métrica, vedação DKO cone 24°.
Material: Aço carbono bicromatizado.

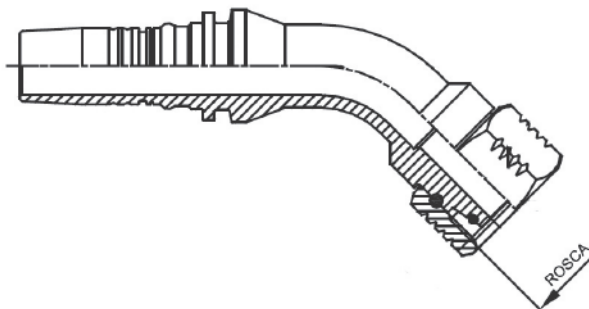


Ø		Rosca	Tubo	Código Interno	Ref. Comercial
Pol.	Bitola				
5/8"	-10	M30x2.0	20	XX754441X-20-10	245DP-20-10
3/4"	-12	M30x2.0	20	XX754441X-20-12	245DP-20-12
3/4"	-12	M36x2.0	25	XX754441X-25-12	245DP-25-12
1"	-16	M36x2.0	25	XX754441X-25-16	245DP-25-16
1"	-16	M42x2.0	30	XX754441X-30-16	245DP-30-16
1.1/4"	-20	M42x2.0	30	XX754441X-30-20	245DP-30-20
1.1/4"	-20	M52x2.0	38	XX754441X-38-20	245DP-38-20

Terminal Prensado Reto Fêmea DKO – Cone 24° Série Pesada Interlock Plus - Norma DIN 3865

Terminal Interlock Plus reto fêmea giratória rosca métrica, vedação DKO cone 24°.

Material: Aço carbono bicromatizado.

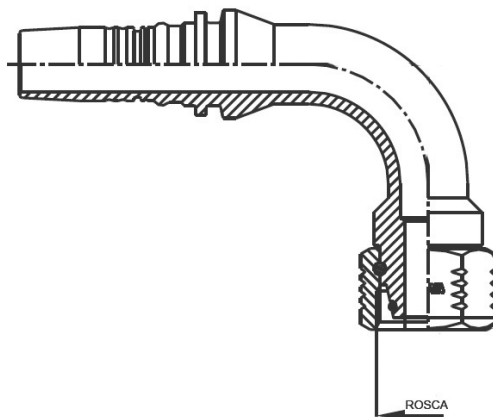


Ø		Rosca	Tubo	Código Interno	Ref. Comercial
Pol.	Bitola				
5/8"	-10	M24x1.5	16	XX750441X-16-10	200DP-16-10
5/8"	-10	M30x2.0	20	XX750441X-20-10	200DP-20-10
3/4"	-12	M30x2.2	20	XX750441X-20-12	200DP-20-12
3/4"	-12	M36x2.0	25	XX750441X-25-12	200DP-25-12
1"	-16	M36x2.0	25	XX750441X-25-16	200DP-25-16
3/4"	-12	M42x2.0	30	XX750441X-30-12	200DP-30-16
1"	-16	M42x2.0	30	XX750441X-30-16	200DP-30-16
1.1/4"	-20	M42x2.0	30	XX750441X-30-20	200DP-30-20
1"	-16	M52x2.0	38	XX750441X-38-16	200DP-38-16
1.1/4"	-20	M52x2.0	38	XX750441X-38-20	200DP-38-20
1.1/2"	-24	M52x2.0	38	XX750441X-38-24	200DP-38-24

Terminal Prensado 90° Fêmea DKO - Cone 24° Série Pesada Interlock Plus - Norma DIN 3865

Terminal Interlock Plus 90° fêmea giratória rosca métrica, vedação DKO cone 24°.

Material: Aço carbono bicromatizado

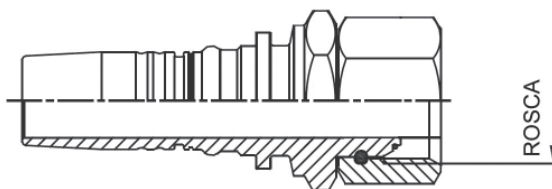


Ø		Rosca	Tubo	Código Interno	Ref. Comercial
Pol.	Bitola				
5/8"	-10	M30x2.0	20	XX759441X-20-10	290DP-20-10
3/4"	-12	M36x2.0	25	XX759441X-25-12	290DP-25-12
1"	-16	M36x2.0	25	XX759441X-25-16	290DP-25-16
1"	-16	M42x2.0	30	XX759441X-30-16	290DP-30-16
1.1/4"	-20	M42x2.0	30	XX759441X-30-20	290DP-30-20
1.1/4"	-20	M52x2.0	38	XX759441X-38-20	290DP-38-20

Terminal Prensado Reto Fêmea Giratória BSPP Boleado Interlock Plus – Norma BS 5200

Terminal Interlock Plus reto fêmea giratória, rosca BSPP, vedação com assento boleado.

Material: Aço carbono bicromatizado.

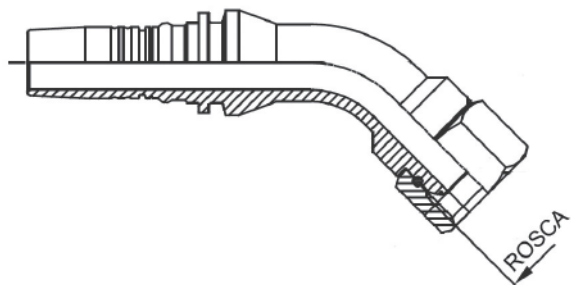


Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
3/4"	-12	3/4"-14	XX750401X-12-12	200FB-12-12
1"	-16	3/4"-14	XX750401X-12-16	200FB-12-16
3/4"	-12	1"-11	XX750401X-16-12	200FB-16-12
1"	-16	1"-11	XX750401X-16-16	200FB-16-16
1"	-16	1.1/4"-11	XX750401X-20-16	200FB-20-16
1.1/4"	-20	1.1/4"-11	XX750401X-20-20	200FB-20-20
1.1/4"	-20	1.1/2"-11	XX750401X-24-20	200FB-24-20
1.1/2"	-24	1.1/2"-11	XX750401X-24-24	200FB-24-24
2"	-32	2"-11	XX750401X-32-32	200FB-32-32

Terminal Prensado 45° Fêmea Giratória BSPP Boleado Interlock Plus - Norma BS 5200

Terminal Interlock Plus 45° fêmea giratória, rosca BSPP, vedação com assento boleado.

Material: Aço carbono bicromatizado.



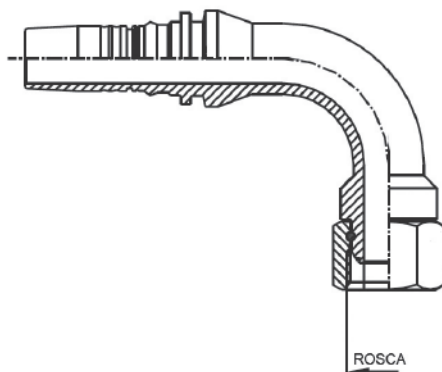
Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
3/4"	-12	3/4"-14	XX754401X-12-12	245FB-12-12
1"	-16	3/4"-14	XX754401X-12-16	245FB-12-16
3/4"	-12	1"-11	XX754401X-16-12	245FB-16-12
1"	-16	1"-11	XX754401X-16-16	245FB-16-16
1"	-16	1.1/4"-11	XX754401X-20-16	245FB-20-16
1.1/4"	-20	1.1/4"-11	XX754401X-20-20	245FB-20-20
1.1/4"	-20	1.1/2"-11	XX754401X-24-20	245FB-24-20
1.1/2"	-24	1.1/2"-11	XX754401X-24-24	245FB-24-24
2"	-32	2"-11	XX754401X-32-32	245FB-32-32

Terminal Prensado 90° Fêmea Giratória BSPP

Boleado Interlock Plus - Norma BS 5200

Terminal Interlock Plus 90° fêmea giratória, rosca BSPP, vedação com assento boleado.

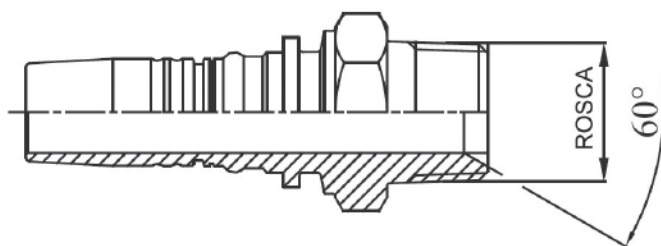
Material: Aço carbono bicromatizado.



Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
3/4"	-12	3/4"-14	XX759401X-12-12	290FB-12-12
3/4"	-12	1"-11	XX759401X-16-12	290FB-16-12
1"	-16	1"-11	XX759401X-16-16	290FB-16-16
1"	-16	1.1/4"-11	XX759401X-20-16	290FB-20-16
1.1/4"	-20	1.1/4"-11	XX759401X-20-20	290FB-20-20
1.1/2"	-24	1.1/2"-11	XX759401X-24-24	290FB-24-24
2"	-32	2"-11	XX759401X-32-32	290FB-32-32

Terminal Prensado Macho Fixo NPTF Interlock Plus Norma SAE J516

Terminal Interlock Plus macho fixo reto, rosca NPTF, (cônica).
Material: Aço carbono bicromatizado.

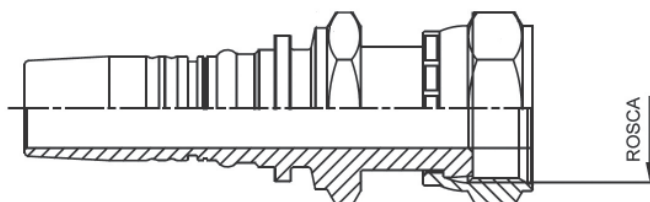


Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
3/4"	-12	3/4"-14	XX750271X-12-12	200MN-12-12
1"	-16	1"-11.5	XX750271X-16-16	200MN-16-16
1.1/4"	-20	1.1/4"-11.5	XX750271X-20-20	200MN-20-20
1.1/2"	-24	1.1/2"-11.5	XX750271X-24-24	200MN-24-24
2"	-32	2"- 11.5	XX750271X-32-32	200MN-32-32

Terminal Prensado Reto Fêmea ORFS Interlock Plus Norma SAE J1453

Terminal Interlock Plus reto fêmea giratória, rosca UNF, vedação face plana, (O'ring face seal).

Material: Aço carbono bicromatizado.

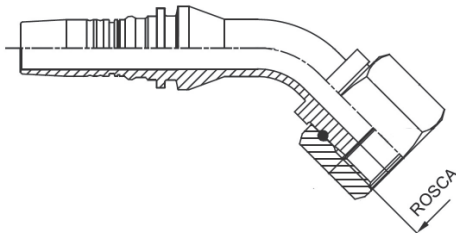


Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
5/8"	-10	1"-14	XX750491X-10-10	200FO-10-10
3/4"	-12	1.3/16"-12	XX750491X-12-12	200FO-12-12
1"	-16	1.7/16"-12	XX750491X-12-16	200FO-12-16
3/4"	-12	1.7/16"-12	XX750491X-16-12	200FO-16-12
1"	-16	1.7/16"-12	XX750491X-16-16	200FO-16-16
1"	-16	1.11/16"-12	XX750491X-20-16	200FO-20-16
1.1/4"	-20	1.11/16"-12	XX750491X-20-20	200FO-20-20
1.1/2"	-24	2"-12	XX750491X-24-24	200FO-24-24

Terminal Prensado Fêmea 45° ORFS Interlock Plus Norma SAE J1453

Terminal Interlock Plus 45° fêmea giratória, rosca UNF, vedação face plana, (O'ring face seal).

Material: Aço carbono bicromatizado.

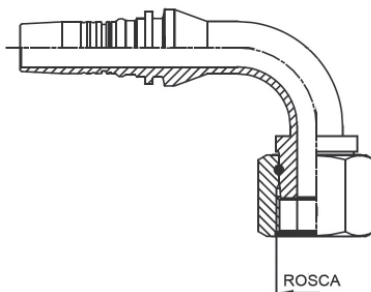


Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
3/4"	-12	1.3/16"-12	XX754491X-12-12	245FO-12-12
1"	-16	1.7/16"-12	XX754491X-16-16	245FO-16-16
1.1/4"	-20	1.11/16"-12	XX754491X-20-20	245FO-20-20
1.1/2"	-24	2"-12	XX754491X-24-24	245FO-24-24

Terminal Prensado Fêmea 90° ORFS Interlock Plus Norma SAE J1453

Terminal Interlock Plus 90° fêmea giratória, rosca UNF, vedação face plana, (O'ring face seal).

Material: Aço carbono bicromatizado.



Ø		Rosca	Código Interno	Ref. Comercial
Pol.	Bitola			
3/4"	-12	1.3/16"-12	XX759491X-12-12	290FO-12-12
1"	-16	1.7/16"-12	XX759491X-16-16	290FO-16-16
1.1/4"	-20	1.7/16"-12	XX759491X-20-16	290FO-20-16
1.1/4"	-20	1.11/16"-12	XX759491X-20-20	290FO-20-20
1.1/2"	-24	2"-12	XX759491X-24-24	290FO-24-24

Terminal Prensado Flange Reto (3000 psi) Código 61 Interlock Plus - Norma SAE J518

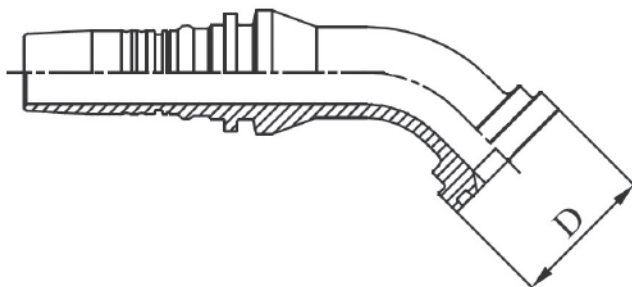
Terminal Interlock Plus reto flange 3000psi cód. 61.
Material: Aço carbono bicromatizado.



Ø		Flange	D (mm)	Código Interno	Ref. Comercial
Pol.	Bitola				
3/4"	-12	3/4"	38,1	XX750611X-12-12	200F3-12-12
1"	-16	3/4"	38,1	XX750611X-12-16	200F3-12-16
5/8"	-10	1"	44,4	XX750611X-16-10	200F3-16-10
3/4"	-12	1"	44,4	XX750611X-16-12	200F3-16-12
1"	-16	1"	44,4	XX750611X-16-16	200F3-16-16
1"	-16	1.1/4"	50,8	XX750611X-20-16	200F3-20-16
1.1/4"	-20	1.1/4"	50,8	XX750611X-20-20	200F3-20-20
1.1/4"	-20	1.1/2"	60,3	XX750611X-24-20	200F3-24-20
1.1/2"	-24	1.1/2"	60,3	XX750611X-24-24	200F3-24-24
1.1/2"	-24	2"	71,4	XX750611X-32-24	200F3-32-24
2"	-32	2"	71,4	XX750611X-32-32	200F3-32-32

Terminal Prensado Flange 45° (3000 psi) Código 61 Interlock Plus - Norma SAE J518

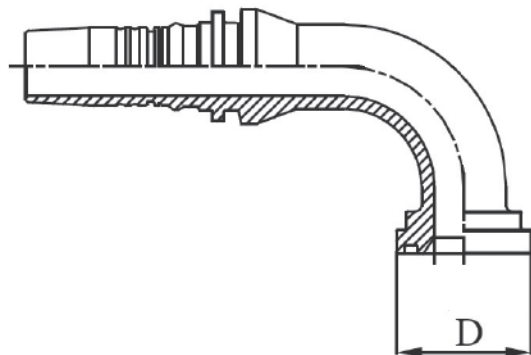
Terminal Interlock Plus 45° flange 3000psi cód. 61.
Material: Aço carbono bicromatizado.



Ø		Flange	D (mm)	Código Interno	Ref. Comercial
Pol.	Bitola				
3/4"	-12	3/4"	38,1	XX754611X-12-12	245F3-12-12
3/4"	-12	1"	44,4	XX750611X-16-12	245F3-16-12
1"	-16	1"	44,4	XX754611X-16-16	245F3-16-16
1"	-16	1.1/4"	50,8	XX754611X-20-16	245F3-20-16
1.1/4"	-20	1.1/4"	50,8	XX754611X-20-20	245F3-20-20
1.1/4"	-20	1.1/2"	60,3	XX754611X-24-20	245F3-24-20
1.1/2"	-24	1.1/2"	60,3	XX754611X-24-24	245F3-24-24
1.1/2"	-24	2"	71,4	XX750611X-32-24	245F3-32-24
2"	-32	2"	71,4	XX754611X-32-32	245F3-32-32

Terminal Prensado Flange 90° (3000 psi) Código 61 Interlock Plus - Norma SAE J518

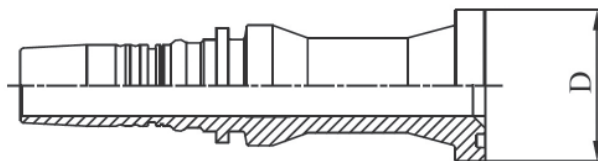
Terminal Interlock Plus 90° flange 3000psi cód. 61.
Material: Aço carbono bicromatizado.



Ø		Flange	D (mm)	Código Interno	Ref. Comercial
Pol.	Bitola				
3/4"	-12	3/4"	38,1	XX759611X-12-12	290F3-12-12
5/8"	-10	1"	44,4	XX759611X-16-10	290F3-16-10
3/4"	-12	1"	44,4	XX759611X-16-12	290F3-16-12
1"	-16	1"	44,4	XX759611X-16-16	290F3-16-16
1.1/4"	-20	1"	44,4	XX759611X-16-20	290F3-16-20
1"	-16	1.1/4"	50,8	XX759611X-20-16	290F3-20-16
1.1/4"	-20	1.1/2"	60,3	XX759611X-20-20	290F3-20-20
1.1/4"	-20	1.1/2"	60,3	XX759611X-24-20	290F3-24-20
1.1/2"	-24	1.1/2"	60,3	XX759611X-24-24	290F3-24-24
1.1/2"	-24	2"	71,4	XX759611X-32-24	290F3-32-24
2"	-32	2"	71,4	XX759611X-32-32	290F3-32-32

Terminal Prensado Flange Reto (6000 psi) Código 62 Interlock Plus - Norma SAE J518

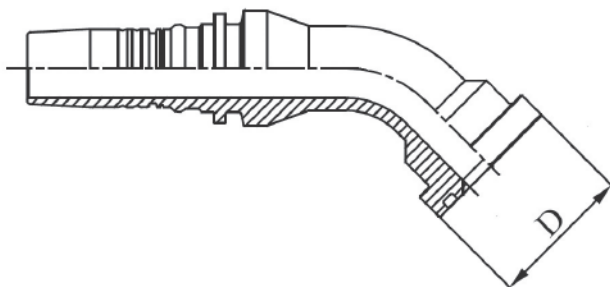
Terminal Interlock Plus reto flange 6000psi cód. 62.
Material: Aço carbono bicromatizado.



Ø		Flange	D (mm)	Código Interno	Ref. Comercial
Pol.	Bitola				
5/8"	-10	3/4"	41,3	XX750621X-12-10	200F6-12-10
3/4"	-12	3/4"	41,3	XX750621X-12-12	200F6-12-12
5/8"	-10	1"	47,6	XX750621X-16-10	200F6-16-10
3/4"	-12	1"	47,6	XX750621X-16-12	200F6-16-12
1"	-16	3/4"	41,3	XX750621X-12-16	200F6-12-16
1"	-16	1"	47,6	XX750621X-16-16	200F6-16-16
1"	-16	1.1/4"	54,0	XX750621X-20-16	200F6-20-16
1.1/4"	-20	1"	47,6	XX750621X-16-20	200F6-16-20
1.1/4"	-20	1.1/4"	54,0	XX750621X-20-20	200F6-20-20
1.1/4"	-20	1.1/2"	63,5	XX750621X-24-20	200F6-24-20
1.1/2"	-24	1.1/4"	54,0	XX750621X-20-24	200F6-20-24
1.1/2"	-24	1.1/2"	63,5	XX750621X-24-24	200F6-24-24
2"	-32	1.1/2"	63,5	XX750621X-24-32	200F6-24-32
1.1/2"	-24	2"	79,4	XX750621X-32-24	200F6-32-24
2"	-32	2"	79,4	XX750621X-32-32	200F6-32-32

Terminal Prensado Flange 45° (6000 psi) Código 62 Interlock Plus - Norma SAE J518

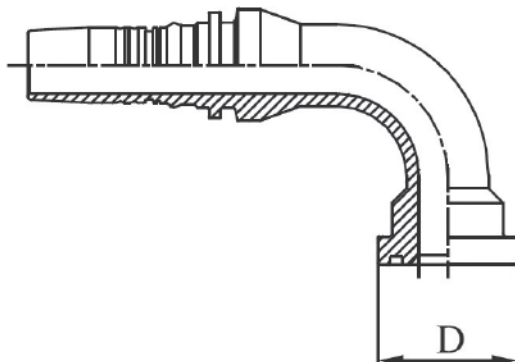
Terminal Interlock Plus 45° flange 6000psi cód. 62.
Material: Aço carbono bicromatizado.



Ø		Flange	D (mm)	Código Interno	Ref. Comercial
Pol.	Bitola				
5/8"	-10	3/4"	41,3	XX754621X-12-10	245F6-12-10
3/4"	-12	3/4"	41,3	XX754621X-12-12	245F6-12-12
5/8"	-10	1"	47,6	XX754621X-16-10	245F6-16-10
3/4"	-12	1"	47,6	XX754621X-16-12	245F6-16-12
1"	-16	3/4"	41,3	XX754621X-12-16	245F6-12-16
1"	-16	1"	47,6	XX754621X-16-16	245F6-16-16
1"	-16	1.1/4"	54,0	XX754621X-20-16	245F6-20-16
1.1/4"	-20	1"	47,6	XX754621X-16-20	245F6-16-20
1.1/4"	-20	1.1/4"	54,0	XX754621X-20-20	245F6-20-20
1.1/4"	-20	1.1/2"	63,5	XX754621X-24-20	245F6-24-20
1.1/2"	-24	1.1/2"	63,5	XX754621X-24-24	245F6-24-24
1.1/2"	-24	2"	79,4	XX754621X-32-24	245F6-32-24
2"	-32	2"	79,4	XX754621X-32-32	245F6-32-32

Terminal Prensado Flange 90° (6000 psi) Código 62 Interlock Plus - Norma SAE J518

Terminal Interlock Plus 90° flange 6000psi cód. 62.
Material: Aço carbono bicromatizado.



Ø		Flange	D (mm)	Código Interno	Ref. Comercial
Pol.	Bitola				
5/8"	-10	3/4"	41,3	XX754621X-12-10	290F6-12-10
3/4"	-12	3/4"	41,3	XX759621X-12-12	290F6-12-12
3/4"	-12	1"	47,6	XX759621X-16-12	290F6-16-12
1"	-16	3/4"	41,3	XX759621X-12-16	290F6-12-16
1"	-16	1"	47,6	XX759621X-16-16	290F6-16-16
1"	-16	1.1/4"	54,0	XX759621X-20-16	290F6-20-16
1.1/4"	-20	1"	47,6	XX759621X-16-20	290F6-16-20
1.1/4"	-20	1.1/4"	54,0	XX759621X-20-20	290F6-20-20
1.1/4"	-20	1.1/2"	63,5	XX759621X-24-20	290F6-24-20
1.1/2"	-24	1.1/4"	54,0	XX759621X-20-24	290F6-20-24
1.1/2"	-24	1.1/2"	63,5	XX759621X-24-24	290F6-24-24
1.1/2"	-24	2"	79,4	XX759621X-32-24	290F6-32-24
2"	-32	2"	79,4	XX759621X-32-32	290F6-32-32

Terminal Prensado Flange Reto (9000psi) Supercat Interlock Plus

Terminal Interlock Plus reto flange Supercat 9000psi.
Material: Aço carbono bicromatizado.



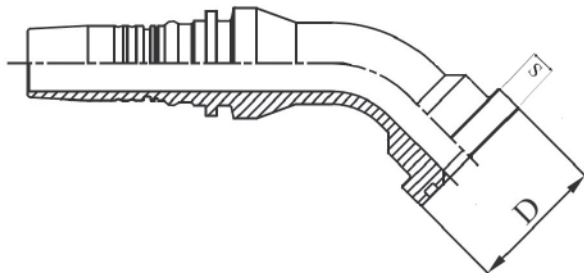
Ø		Flange	D (mm)	S (mm)	Código Interno	Ref. Comercial
Pol.	Bitola					
3/4"	-12	3/4"	41,5	14,3	XX750631X-12-12	200FC-12-12
3/4"	-12	1"	47,7	14,3	XX750631X-16-12	200FC-16-12
1"	-16	1"	47,7	14,3	XX750631X-16-16	200FC-16-16
1"	-16	1.1/4"	54,0	14,3	XX750631X-20-16	200FC-20-16
1.1/4"	-20	1.1/4"	54,0	14,3	XX750631X-20-20	200FC-20-20
1.1/4"	-20	1.1/2"	63,6	14,3	XX750631X-24-20	200FC-24-20
1.1/2"	-24	1.1/2"	63,6	14,3	XX750631X-24-24	200FC-24-24
1.1/2"	-24	2"	79,3	14,3	XX750631X-32-24	200FC-32-24
2"	-32	1.1/2"	63,6	14,3	XX750631X-24-32	200FC-24-32
2"	-32	2"	79,3	14,3	XX750631X-32-32	200FC-32-32

Terminal Prensado Flange 45° (9000psi)

Supercat Interlock Plus

Terminal Interlock Plus 45° flange Supercat 9000psi.

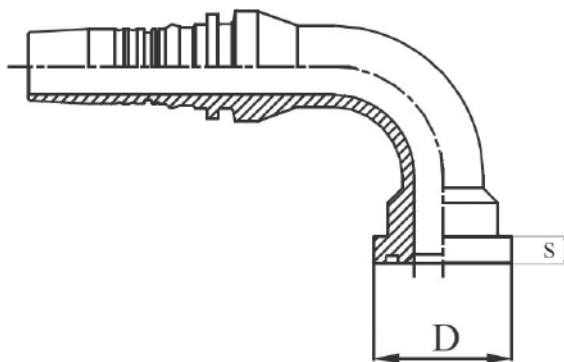
Material: Aço carbono bicromatizado.



Ø		Flange	D (mm)	S (mm)	Código Interno	Ref. Comercial
Pol.	Bitola					
3/4"	-12	3/4"	41,5	14,3	XX754631X-12-12	245FC-12-12
3/4"	-12	1"	47,7	14,3	XX754631X-16-12	245FC-16-12
1"	-16	1"	47,7	14,3	XX754631X-16-16	245FC-16-16
1"	-16	1.1/4"	54,0	14,3	XX754631X-20-16	245FC-20-16
1.1/4"	-20	1.1/4"	54,0	14,3	XX754631X-20-20	245FC-20-20
1.1/4"	-20	1.1/2"	63,6	14,3	XX754631X-24-20	245FC-24-20
1.1/2"	-24	1.1/2"	63,6	14,3	XX754631X-24-24	245FC-24-24
1.1/2"	-24	2"	79,3	14,3	XX754631X-32-24	245FC-32-24
2"	-32	2"	79,3	14,3	XX754631X-32-32	245FC-32-32

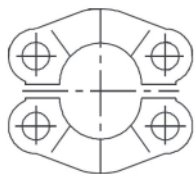
Terminal Prensado Flange 90° (9000psi) Supercat Interlock Plus

Terminal Interlock Plus 90° flange Supercat 9000psi.
Material: Aço carbono bicromatizado.



Ø		Flange	D (mm)	S (mm)	Código Interno	Ref. Comercial
Pol.	Bitola					
3/4"	-12	3/4"	41,5	14,3	XX759631X-12-12	290FC-12-12
3/4"	-12	1"	47,7	14,3	XX759631X-16-12	290FC-16-12
1"	-16	1"	47,7	14,3	XX759631X-16-16	290FC-16-16
1"	-16	1.1/4"	54,0	14,3	XX759631X-20-16	290FC-20-16
1.1/4"	-20	1.1/4"	54,0	14,3	XX759631X-20-20	290FC-20-20
1.1/4"	-20	1.1/2"	63,6	14,3	XX759631X-24-20	290FC-24-20
1.1/2"	-24	1.1/2"	63,6	14,3	XX759631X-24-24	290FC-24-24
1.1/2"	-24	2"	79,3	14,3	XX759631X-32-24	290FC-32-24
2"	-32	2"	79,3	14,3	XX759631X-32-32	290FC-32-32

Meio Flange



Meio Flange 3000psi Código 61-SAE J518

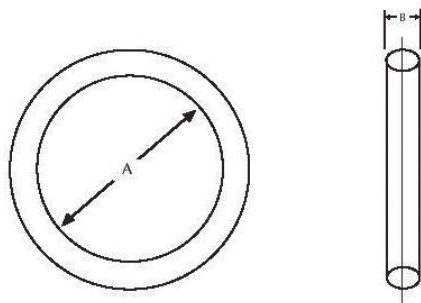
Referência	Dimensões Mangueiras		
	DN	Pol.	Traço
Meio Flange Cód. 61-1/2"	12	1/2"	-08
Meio Flange Cód. 61-3/4"	19	3/4"	-12
Meio Flange Cód. 61-1"	25	1"	-16
Meio Flange Cód. 61-1.1/4"	31	1.1/4"	-20
Meio Flange Cód. 61-1.1/2"	38	1.1/2"	-24
Meio Flange Cód. 61-2"	51	2"	-32
Meio Flange Cód. 61-2.1/2"	63	2.1/2"	-40



Meio Flange 6000psi Código 62-SAE J518

Referência	Dimensões Mangueiras		
	DN	Pol.	Traço
Meio Flange Cód. 62-1/2"	12	1/2"	-08
Meio Flange Cód. 62-3/4"	19	3/4"	-12
Meio Flange Cód. 62-1"	25	1"	-16
Meio Flange Cód. 62-1.1/4"	31	1.1/4"	-20
Meio Flange Cód. 62-1.1/2"	38	1.1/2"	-24
Meio Flange Cód. 62-2"	51	2"	-32

Tabela Dimensional - Anéis O'ring



Anéis O'ring para Flanges

O'ring	Flange	A	B
2-210	1/2"	19.05	3.53
2-214	3/4"	25.40	3.53
2-219	1"	33.37	3.53
2-222	1.1/4"	38.10	3.53
2-225	1.1/2"	47.75	3.53
2-228	2"	57.15	3.53
2-232	2.1/2"	69.85	3.53
2-237	3"	85.85	3.53
2-241	3.1/2"	98.55	3.53
2-245	4"	111.25	3.53

Anéis O'ring para ORFS

O'ring	Rosca	A	B
2-011	9/16"-18	7,65	1,78
2-012	11/16"-16	9,25	1,78
2-014	13/16"-16	12,42	1,78
2-016	1"-14	15,60	1,78
2-018	1.3/16"-12	18,77	1,78
2-021	1.7/16"-12	23,52	1,78
2-025	1.11/16"-12	29,87	1,78
2-029	2"-11	37,82	1,78

Anéis O'ring para DKO-L

Tubo	Rosca	A	B
6	M12X1,5	4	1,5
8	M12X1,5	6	1,5
10	M16X1,5	7,5	1,5
12	M18X1,5	9	1,5
15	M22X1,5	12	2
18	M26X1,5	15	2
22	M30X2,0	20	2
28	M36X2,0	26	2
35	M45X2,0	32	2,5
42	M52X2,0	38	2,5

Anéis O'ring para DKO-S

Tubo	Rosca	A	B
6	M14X1,5	6	1,5
8	M16X1,5	6	1,5
10	M18X1,5	7,5	1,5
12	M20X1,5	9	1,5
14	M22X1,5	10	2
16	M24X1,5	12	2
20	M30X2,0	16,5	2,4
25	M36X2,0	20,3	2,4
30	M42X2,0	25,3	2,4
38	M52X2,0	33,3	2,4

Anel perfil Quadrado

Flange	A	B
1/2"	18,64	3,53
3/4"	24,99	3,53
1"	32,92	3,53
1.1/4"	37,69	3,53
1.1/2"	47,22	3,53
2"	56,74	3,53