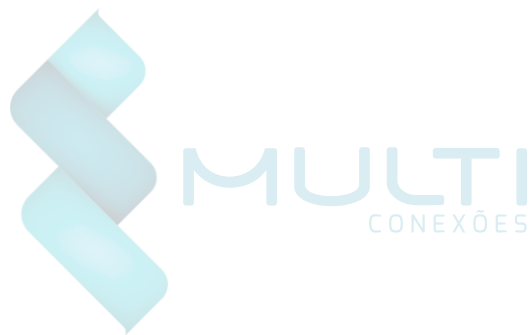


QUALIDADE



DISPONIBILIDADE

AGILIDADE

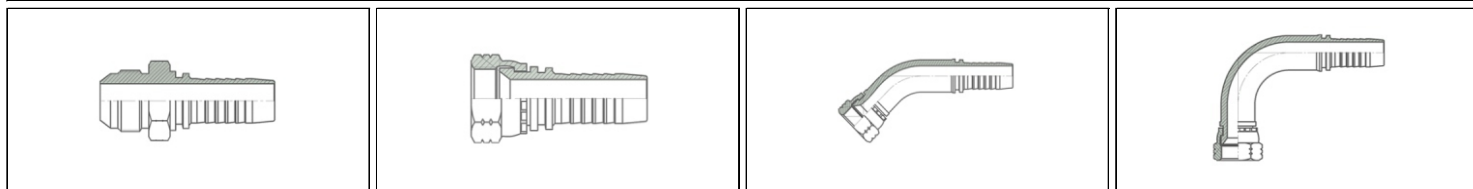
PREÇOS COMPETITIVOS

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Três Primeiras Posições do Código	Outras Letras do Código (Quarta, Quinta, Sexta) Posições
100 Terminais Prensáveis 100 Reto 130 30° 145 45° 160 60° 190 90°	Terminais Prensáveis MJ Macho JIC 37° FJ Fêmea JIC 37° FS Fêmea UNF JIC 45° FBJ Fêmea BSP JIC MM Macho Métrico FD Fêmea DKO-DIN2353 Métrica BM Banjo Métrico (Olhal) FM Fêmea Métrica Boleada MO Macho ORFS FO Fêmea ORFS PL Ponta Lisa MP Macho UNF Paralelo FMP Fêmea Métrica Sede Plana SV Salva Vida FB Fêmea BSP Boleada 60° FBC Fêmea BSP Boleada 60° Compacta MB Macho BSP Boleado 60° MN Macho NPT MG Macho Giratório NPT EM Emenda MK Macho Komatsu FK Fêmea Métrica JIC (Komatsu) F3 Flange 3000 PSI F6 Flange 6000 PSI F9 Flange 9000 PSI - Super Cat 14mm
200 Adaptadores 200 Macho Reto 201 Macho x Fêmea e Bucha de Redução 210 Nipples 211 Luvas 212 Macho x Fêmea 220 Cotovelos Macho 221 Cotovelos Macho x Fêmea 230 Tees Macho 231 Tees com Fêmea (Central ou Lateral) 240 Bujão Macho 241 Bujão Fêmea 245 Cotovelos Macho 45° 246 Cotovelos Macho x Fêmea 45° 250 Flanges Bipartido	Adaptadores NJ NPT x JIC OJ O-Ring x JIC OO O-Ring x ORFS ON O-Ring x NPT BJ BSP x JIC MJ Métrico x JIC JF JIC x Flange JS JIC x Solda N NPT J JIC UCA União Cumprida em Aço JIC UCO União Cumprida em Aço ORFS FN Fêmea NPT B BSP BS Bujão BSP Sextavado Interno NS Bujão NPT Sextavado Interno O ORFS OS Bujão O-Ring Sextavado Interno F3 Meio Flange 3000 PSI F6 Meio Flange 6000 PSI
300 Capas	Tees J Macho JIC JFC JIC Fêmea Central JFL JIC Fêmea Lateral N Fêmea NPT
600 Interlock 600 Reto 645 45° 690 90°	Capas T1 Para Mangueiras de Uma Trama de Aço T2 Para Mangueiras de Uma e Duas Tramas de Aço T4 Para Mangueiras de Quatro Tramas de Aço T6 Para Mangueiras SAE 100 R15 Interlock TS Para Mangueiras 4SP e R12 TF Para Mangueiras Teflon R3 Para Mangueiras R3 R6 Para Mangueiras R6 R7 Para Mangueiras Termoplásticas R7
900 Outras Linhas Karcher Pino Mini Karcher Copinho Karcher Macho WAP 14 MM Fêmea Mini WAP Fêmea Fixa Graxa	Outras Linhas FK Fêmea Karcher PK Pino Mini Karcher CK Copinho Karcher MW Macho WAP 14 MM FW Fêmea Mini WAP FG Fêmea Fixa Graxa
	Mangueiras R1AT Mangueira SAE 100 com uma trama aço R2AT Mangueira SAE 100 com duas tramas de aço 4SH Mangueira SAE 100 com quatro tramas de aço R3 Mangueira SAE 100 com duas tramas de lona R6 Mangueira SAE 100 com uma trama de lona R12 Mangueira SAE 100 com quatro tramas de aço R15 Mangueira SAE 100 com seis tramas de aço. R17 Mangueira SAE 100 com uma trama de aço Lisa

LINHA UNF JIC - Cone de Vedação 37°



Macho Fixo Reto JIC Código 100MJ Fêmea Giratória Reto JIC Código 100FJ Fêmea Giratória 45° JIC Código 145FJ Fêmea Giratória 90° JIC Código 190FJ

Rosca	Pol.	Bitola	Código	Rosca	Pol.	Bitola	Código	Rosca	Pol.	Bitola	Código	Rosca	Pol.	Bitola	Código
7/16"-20	1/4"	4	100MJ-04-04	7/16"-20	1/4"	4	100FJ-04-04	7/16"-20	1/4"	4	145FJ-04-04	7/16"-20	1/4"	4	190FJ-04-04
1/2"-20	1/4"	4	100MJ-05-04	7/16"-20	3/8"	6	100FJ-04-06	1/2"-20	1/4"	4	145FJ-05-04	7/16"-20	1/4"	4	190FJ-04-04-L
9/16"-18	1/4"	4	100MJ-06-04	1/2"-20	1/4"	4	100FJ-05-04	9/16"-18	1/4"	4	145FJ-06-04	1/2"-20	1/4"	4	190FJ-05-04
9/16"-18	3/8"	6	100MJ-06-06	9/16"-18	1/4"	4	100FJ-06-04	9/16"-18	3/8"	6	145FJ-06-06	9/16"-18	1/4"	4	190FJ-06-04
9/16"-18	1/2"	8	100MJ-06-08	9/16"-18	5/16"	5	100FJ-06-05	3/4"-16	3/8"	6	145FJ-08-06	9/16"-18	1/4"	4	190FJ-06-04-L
3/4"-16	3/8"	6	100MJ-08-06	9/16"-18	3/8"	6	100FJ-06-06	3/4"-16	1/2"	8	145FJ-08-08	9/16"-18	3/8"	6	190FJ-06-06
3/4"-16	1/2"	8	100MJ-08-08	9/16"-18	1/2"	8	100FJ-06-08	7/8"-14	1/2"	8	145FJ-10-08	9/16"-18	3/8"	6	190FJ-06-06-L
7/8"-14	3/8"	6	100MJ-10-06	3/4"-16	1/4"	4	100FJ-08-04	7/8"-14	5/8"	10	145FJ-10-10	9/16"-18	1/2"	8	190FJ-06-08
7/8"-14	1/2"	8	100MJ-10-08	3/4"-16	3/8"	6	100FJ-08-06	1.1/16"-12	5/8"	10	145FJ-12-10	3/4"-16	3/8"	6	190FJ-08-06
7/8"-14	5/8"	10	100MJ-10-10	3/4"-16	1/2"	8	100FJ-08-08	1.1/16"-12	3/4"	12	145FJ-12-12	3/4"-16	3/8"	6	190FJ-08-06-L
1.1/16"-12	1/2"	8	100MJ-12-08	3/4"-16	5/8"	10	100FJ-08-10	1.5/16"-12	3/4"	12	145FJ-16-12	3/4"-16	1/2"	8	190FJ-08-08
1.1/16"-12	5/8"	10	100MJ-12-10	7/8"-14	3/8"	6	100FJ-10-06	1.5/16"-12	1"	16	145FJ-16-16	3/4"-16	1/2"	8	190FJ-08-08-L
1.1/16"-12	3/4"	12	100MJ-12-12	7/8"-14	1/2"	8	100FJ-10-08	1.5/8"-12	1.1/4"	20	145FJ-20-20	3/4"-16	5/8"	10	190FJ-08-10
1.5/16"-12	3/4"	12	100MJ-16-12	7/8"-14	5/8"	10	100FJ-10-10	1.7/8"-12	1.1/2"	24	145FJ-24-24	7/8"-14	3/8"	6	190FJ-10-06
1.5/16"-12	1"	16	100MJ-16-16	7/8"-14	3/4"	12	100FJ-10-12					7/8"-14	1/2"	8	190FJ-10-08
1.5/8"-12	1"	16	100MJ-20-16	1.1/16"-12	1/2"	8	100FJ-12-08					7/8"-14	1/2"	8	190FJ-10-08-L
1.5/8"-12	1.1/4"	20	100MJ-20-20	1.1/16"-12	5/8"	10	100FJ-12-10					7/8"-14	5/8"	10	190FJ-10-10
1.7/8"-12	1.1/2"	24	100MJ-24-24	1.1/16"-12	3/4"	12	100FJ-12-12					7/8"-14	3/4"	12	190FJ-10-12
2.1/2"-12	2"	32	100MJ-32-32	1.1/16"-12	1"	16	100FJ-12-16					1.1/16"-12	1/2"	8	190FJ-12-08
				1.5/16"-12	3/4"	12	100FJ-16-12					1.1/16"-12	5/8"	10	190FJ-12-10
				1.5/16"-12	1"	16	100FJ-16-16					1.1/16"-12	5/8"	10	190FJ-12-10-L
				1.5/8"-12	1"	16	100FJ-20-16					1.1/16"-12	3/4"	12	190FJ-12-12
				1.5/8"-12	1.1/4"	20	100FJ-20-20					1.1/16"-12	3/4"	12	190FJ-12-12-L
				1.7/8"-12	1.1/4"	20	100FJ-24-20					1.1/16"-12	3/4"	12	190FJ-12-12-L
				1.7/8"-12	1.1/2"	24	100FJ-24-24					1.1/16"-12	1"	16	190FJ-12-16
				2.1/2"-12	2"	32	100FJ-32-32					1.5/16"-12	3/4"	12	190FJ-16-12
												1.5/16"-12	1"	16	190FJ-16-16
												1.5/16"-12	1"	16	190FJ-16-16-L
												1.5/8"-12	1"	16	190FJ-20-16
												1.5/8"-12	1.1/4"	20	190FJ-20-20
												1.7/8"-12	1.1/2"	24	190FJ-24-24
												2.1/2"-12	2"	32	190FJ-32-32

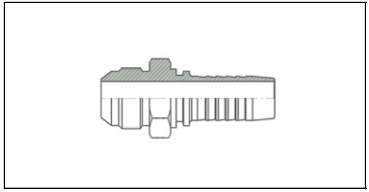
LINHA UNF JIC - Cone de Vedação 45° LINHA BSP JIC



Fêmea Giratória Reto UNF JIC 45° Código 100FS Fêmea Giratória 90° UNF JIC 45° Código 190FS Fêmea Giratória Reto BSP JIC Código 100FBJ Fêmea Giratória 90° BSP JIC Código 190FBJ

Rosca	Pol.	Bitola	Código	Rosca	Pol.	Bitola	Código	Rosca	Pol.	Bitola	Código	Rosca	Pol.	Bitola	Código
5/8"-6	3/8"	6	100FS-06-06	5/8"-6	3/8"	6	190FS-06-06	1/4"-19	1/4"	4	100FBJ-04-04	1/4"-19	1/4"	4	190FBJ-04-04
								3/8"-19	1/4"	4	100FBJ-06-04	3/8"-19	3/8"	6	190FBJ-06-06
								3/8"-19	3/8"	6	100FBJ-06-06	1/2"-14	3/8"	6	190FBJ-08-06
								1/2"-14	3/8"	6	100FBJ-08-06	1/2"-14	1/2"	8	190FBJ-08-08
								1/2"-14	1/2"	8	100FBJ-08-08	3/4"-14	3/4"	12	190FBJ-12-12
								3/4"-14	3/4"	12	100FBJ-12-12	1"-11	1"	16	190FBJ-16-16
								1"-11	1"	16	100FBJ-16-16				

LINHA UNF JIC - Cone de Vedação 45°



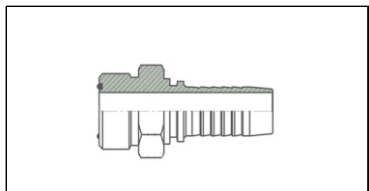
Macho Fixo Reto UNF JIC 45° Código 100MS

Rosca	Pol.	Bitola	Código
5/8" - 6	3/8"	6	100MS-06-06

LINHA Métrica															
Macho Fixo Reto Rosca Métrica, Vedação Cone 24° Código 100MM				Fêmea Reta DKO-DIN2353 - Métrica Código 100FD				Fêmea 45° DKO-DIN2353 - Métrica Código 145FD				Fêmea 90° DKO-DIN2353 - Métrica Código 190FD			
Rosca	Pol.	Bitola	Código	Rosca	Bitola	Tubo	Código	Rosca	Bitola	Tubo	Código	Rosca	Bitola	Tubo	Código
M12	1/4"	6	100MM-12-04-T06	M12	1/4"	6	100FD-12-04-T06	M12	1/4"	6	145FD-12-04-T06	M12	1/4"	6	190FD-12-04-T06
M14	1/4"	6	100MM-14-04-T06	M14	1/4"	6	100FD-14-04-T06	M14	1/4"	8	145FD-14-04-T08	M14	1/4"	4	190FD-14-04-T06
M14	1/4"	8	100MM-14-04-T08	M14	1/4"	8	100FD-14-04-T08	M16	1/4"	8	145FD-16-04-T08	M14	1/4"	8	190FD-14-04-T08
M16	1/4"	10	100MM-16-04-T10	M16	1/4"	8	100FD-16-04-T08	M16	1/4"	10	145FD-16-04-T10	M16	1/4"	8	190FD-16-04-T08
M16	3/8"	10	100MM-16-06-T10	M16	1/4"	10	100FD-16-04-T10	M16	3/8"	10	145FD-16-06-T10	M16	1/4"	10	190FD-16-04-T10
M18	3/8"	12	100MM-18-06-T12	M16	3/8"	8	100FD-16-06-T08	M18	3/8"	12	145FD-18-06-T12	M16	3/8"	8	190FD-16-06-T08
M18	1/2"	12	100MM-18-08-T12	M16	3/8"	10	100FD-16-06-T10	M20	3/8"	12	145FD-20-06-T12	M16	3/8"	10	190FD-16-06-T10
M20	3/8"	12	100MM-20-06-T12	M18	1/4"	12	100FD-18-04-T12	M20	1/2"	12	145FD-20-08-T12	M18	3/8"	12	190FD-18-06-T12
M20	1/2"	12	100MM-20-08-T12	M18	3/8"	12	100FD-18-06-T12	M22	3/8"	14	145FD-22-06-T14	M18	1/2"	12	190FD-18-08-T12
M22	3/8"	15	100MM-22-06-T15	M18	1/2"	12	100FD-18-08-T12	M22	1/2"	15	145FD-22-08-T15	M20	3/8"	12	190FD-20-06-T12
M22	1/2"	14	100MM-22-08-T14	M20	3/8"	12	100FD-20-06-T12	M24	1/2"	16	145FD-24-08-T16	M20	1/2"	12	190FD-20-08-T12
M22	1/2"	15	100MM-22-08-T15	M20	1/2"	12	100FD-20-08-T12	M26	5/8"	18	145FD-26-10-T18	M22	3/8"	6	190FD-22-06-T14
M24	3/8"	16	100MM-24-06-T16	M22	3/8"	14	100FD-22-06-T14	M28	5/8"	19	145FD-28-10-T19	M22	3/8"	6	190FD-22-06-T15
M24	1/2"	16	100MM-24-08-T16	M22	3/8"	15	100FD-22-06-T15	M30	5/8"	20	145FD-30-10-T20	M22	1/2"	14	190FD-22-08-T14
M24	5/8"	16	100MM-24-10-T16	M22	1/2"	14	100FD-22-08-T14	M30	3/4"	20	145FD-30-12-T20	M22	1/2"	15	190FD-22-08-T15
M26	1/2"	18	100MM-26-08-T18	M22	1/2"	14	100FD-22-08-T15	M30	3/4"	22	145FD-30-12-T22	M24	3/8"	16	190FD-24-06-T16
M26	5/8"	18	100MM-26-10-T18	M24	3/8"	16	100FD-24-06-T16	M36	3/4"	25	145FD-36-12-T25	M24	1/2"	16	190FD-24-08-T16
M28	5/8"	19	100MM-28-10-T19	M24	1/2"	16	100FD-24-08-T16	M36	3/4"	28	145FD-36-12-T28	M24	5/8"	16	190FD-24-10-T16
M30	5/8"	20	100MM-30-10-T20	M24	5/8"	16	100FD-24-10-T16	M36	1"	25	145FD-36-16-T25	M26	1/2"	18	190FD-26-08-T18
M30	3/4"	20	100MM-30-12-T20	M26	1/2"	18	100FD-26-08-T18	M36	1"	28	145FD-36-16-T28	M26	5/8"	18	190FD-26-10-T18
M30	3/4"	22	100MM-30-12-T22	M26	5/8"	18	100FD-26-10-T18	M42	1"	30	145FD-42-16-T30	M28	5/8"	19	190FD-28-10-T19
M34	3/4"	25	100MM-34-12-T25	M28	5/8"	19	100FD-28-10-T19	M42	1"	32	145FD-42-16-T32	M30	5/8"	20	190FD-30-10-T20
M34	1"	25	100MM-34-16-T25	M30	5/8"	20	100FD-30-10-T20	M42	1.1/4"	30	145FD-42-20-T30	M30	3/4"	20	190FD-30-12-T20
M36	3/4"	25	100MM-36-12-T25	M30	5/8"	21	100FD-30-10-T21	M45	1.1/4"	35	145FD-45-20-T35	M30	3/4"	22	190FD-30-12-T22
M36	1"	25	100MM-36-16-T25	M30	3/4"	20	100FD-30-12-T20	M48	1.1/4"	38	145FD-48-20-T38	M34	3/4"	25	190FD-34-12-T25
M36	1"	28	100MM-36-16-T28	M30	3/4"	22	100FD-30-12-T22	M52	1.1/4"	38	145FD-52-20-T38	M34	1"	25	190FD-34-16-T25
M42	1"	30	100MM-42-16-T30	M34	3/4"	25	100FD-34-12-T25	M52	1.1/4"	20	145FD-52-20-T42	M36	3/4"	25	190FD-36-12-T25
M42	1"	32	100MM-42-16-T32	M34	1"	25	100FD-34-16-T25	M52	1.1/2"	42	145FD-52-24-T42	M36	3/4"	28	190FD-36-12-T28
M48	1.1/4"	38	100MM-48-20-T38	M36	3/4"	25	100FD-36-12-T25					M36	1"	25	190FD-36-16-T25
M52	1.1/4"	42	100MM-52-20-T42	M36	3/4"	28	100FD-36-12-T28					M36	1"	28	190FD-36-16-T28
				M36	1"	25	100FD-36-16-T25					M42	1"	30	190FD-42-16-T30
				M36	1"	28	100FD-36-16-T28					M42	1.1/4"	30	190FD-42-20-T30
				M42	1"	30	100FD-42-16-T30					M42	1"	32	190FD-42-16-T32
				M42	1"	32	100FD-42-16-T32					M45	1.1/4"	35	190FD-45-20-T35
				M42	1.1/4"	30	100FD-42-20-T30					M48	1.1/4"	38	190FD-48-20-T38
				M45	1.1/4"	35	100FD-45-20-T35					M52	1.1/4"	38	190FD-52-20-T38
				M48	1.1/4"	38	100FD-48-20-T38					M52	1.1/4"	20	190FD-52-20-T42
				M52	1.1/4"	38	100FD-52-20-T38					M52	1.1/2"	42	190FD-52-24-T42
				M52	1.1/4"	42	100FD-52-20-T42								
				M52	1.1/2"	38	100FD-52-24-T38								
				M52	1.1/2"	42	100FD-52-24-T42								

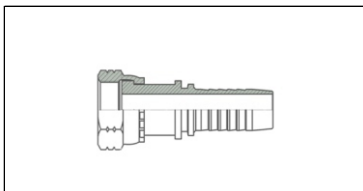
LINHA Banjo Métrico (Olhal)					
Banjo Métrico Reto Código 100BM			Banjo Métrico 90° Código 190BM		
Rosca	Bitola	Código	Rosca	Bitola	Código
M10	1/4"	100BM-10-04	M14	1/4"	190BM-14-04
M12	1/4"	100BM-12-04	M16	3/8"	190BM-16-06
M12	3/8"	100BM-12-06			
M14	1/4"	100BM-14-04			
M14	3/8"	100BM-14-06			
M16	1/4"	100BM-16-04			
M16	3/8"	100BM-16-06			
M18	3/8"	100BM-18-06			
M18	1/2"	100BM-18-08			

LINHA Métrica Boleada							
Fêmea Reta Giratória Boleada Código 100FM				Fêmea 90° Giratória Boleada Código 190FM			
Rosca	Bitola	Tubo	Código	Rosca	Bitola	Tubo	Código
M12	1/4"	4	100FM-12-04	M12	1/4"	4	190FM-12-04
M14	1/4"	4	100FM-14-04	M14	1/4"	4	190FM-14-04
M16	1/4"	4	100FM-16-04	M16	1/4"	4	190FM-16-04
M16	3/8"	6	100FM-16-06	M16	3/8"	6	190FM-16-06
M18	3/8"	6	100FM-18-06	M18	3/8"	6	190FM-18-06
M20	3/8"	6	100FM-20-06	M20	3/8"	6	190FM-20-06
M22	3/8"	6	100FM-22-06	M22	1/2"	8	190FM-22-08
M22	1/2"	8	100FM-22-08	M24	1/2"	8	190FM-24-08
M24	1/2"	8	100FM-24-08				
M26	5/8"	10	100FM-26-10				



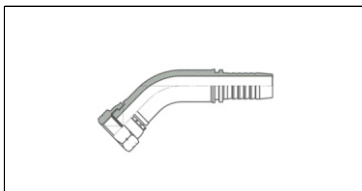
Macho Fixo Reto ORFS
Código 100MO

Rosca	Pol.	Bitola	Código
9/16"-18	1/4"	4	100MO-04-04
11/16"-16	3/8"	6	100MO-06-06
13/16"-16	3/8"	6	100MO-08-06
13/16"-16	1/2"	8	100MO-08-08
1"-14	1/2"	8	100MO-10-08
1"-14	5/8"	10	100MO-10-10
1.3/16"-12	5/8"	10	100MO-12-10
1.3/16"-12	3/4"	12	100MO-12-12
1.7/16"-12	3/4"	12	100MO-16-12
1.7/16"-12	1"	16	100MO-16-16



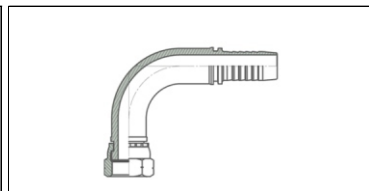
Fêmea Giratória Reta ORFS
Código 100FO

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



Fêmea Giratória 45° ORFS
Código 145FO

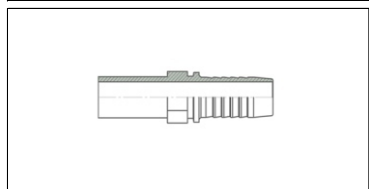
Rosca	Pol.	Bitola	Código
9/16"-18	1/4"	4	145FO-04-04
11/16"-16	1/4"	4	145FO-06-04
11/16"-16	3/8"	6	145FO-06-06
13/16"-16	3/8"	6	145FO-08-06
13/16"-16	1/2"	8	145FO-08-08
13/16"-16	5/8"	10	145FO-08-10
1"-14	1/2"	8	145FO-10-08
1"-14	5/8"	10	145FO-10-10
1.3/16"-12	5/8"	10	145FO-12-10
1.3/16"-12	3/4"	12	145FO-12-12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



Fêmea Giratória 90° ORFS
Código 190FO

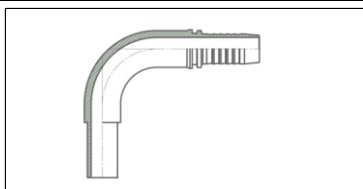
Rosca	Pol.	Bitola	Código
9/16"-18	1/4"	4	190FO-04-04
11/16"-16	1/4"	4	190FO-06-04
11/16"-16	3/8"	6	190FO-06-06
11/16"-16	3/8"	6	190FO-06-06-L
11/16"-16	1/2"	8	190FO-06-08
13/16"-16	3/8"	6	190FO-08-06
13/16"-16	1/2"	8	190FO-08-08
13/16"-16	1/2"	8	190FO-08-08-L
13/16"-16	5/8"	10	190FO-08-10
1"-14	1/2"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

LINHA Métrica Ponta Lisa



Ponta Lisa Reta para montagem com Anilha e Porca.
Código 100PL

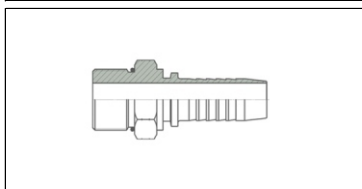
Pol.	Bitola	Tubo	Código
1/4"	4	6	100PL-06-04
1/4"	4	8	100PL-08-04
1/4"	4	10	100PL-10-04
3/8"	6	10	100PL-10-06
3/8"	6	12	100PL-12-06
1/2"	8	12	100PL-12-08
1/2"	8	14	100PL-14-08
1/2"	8	15	100PL-15-08
1/2"	8	16	100PL-16-08
3/4"	12	20	100PL-20-12
3/4"	12	22	100PL-22-12
3/4"	12	25	100PL-25-12
1"	16	30	100PL-30-16



Ponta Lisa 90° para montagem com Anilha e Porca.
Código 190PL

Pol.	Bitola	Tubo	Código
1/4"	4	6	190PL-06-04
1/4"	4	8	190PL-08-04
1/4"	4	10	190PL-10-04
3/8"	6	10	190PL-10-06
1/2"	8	12	190PL-12-08
1/2"	8	15	190PL-14-08
1/2"	8	15	190PL-15-08
3/4"	12	20	190PL-20-12
3/4"	12	22	190PL-22-12
1"	16	30	190PL-30-16

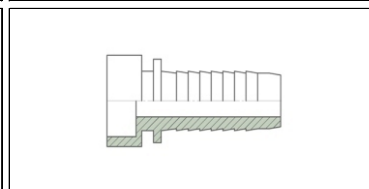
LINHA UNF Paralelo



Macho UNF Paralelo
Código 100MP

Rosca	Pol.	Bitola	Código
3/4"-16	1/2"	8	100MP-08-08
7/8"-14	1/2"	8	100MP-10-08
1.5/16"-12	1"	16	100MP-16-16

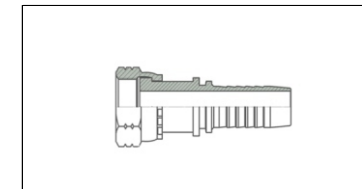
LINHA Salva Vida



SOS - Salva Vida
Código 100SV

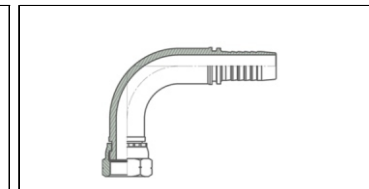
Pol.	Interno	Código
1/4"	8	100SV-08-04
3/8"	12	100SV-12-06
1/2"	16	100SV-16-08
5/8"	18	100SV-18-10
3/4"	22	100SV-22-12
1"	28	100SV-28-16
1.1/4"	35	100SV-35-20

LINHA Métrica ORFS




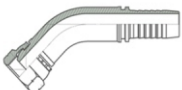

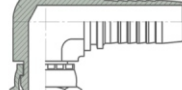
Fêmea Giratória Reta Métrica ORFS
Código 100FMP

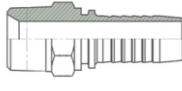
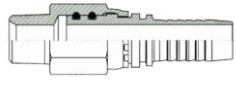
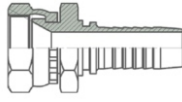

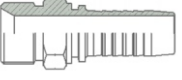
Rosca	Bitola	Bitola	Código
M12	1/4"	4	100FMP-12-04
M14	1/4"	4	100FMP-14-04
M16	3/8"	6	100FMP-16-06
M18	3/8"	6	100FMP-18-06
M20	3/8"	6	100FMP-20-06



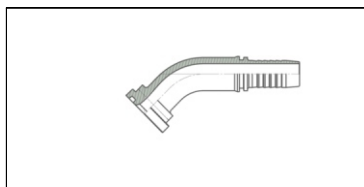
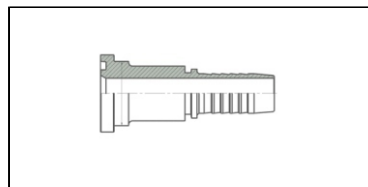
Fêmea Giratória 90° Métrica ORFS
Código 190FMP

Rosca	Bitola	Bitola	Código
M12	1/4"	4	190FMP-12-04
M14	1/4"	4	190FMP-14-04
M16	3/8"	6	190FMP-16-06
M18	3/8"	6	190FMP-18-06
M20	3/8"	6	190FMP-20-06

LINHA BSP Boleada 60°															
															
Fêmea Giratória Reta BSP - Vedação Boleada Código 100FB				Fêmea Giratória 45° BSP - Vedação Boleada Código 145FB				Fêmea Giratória 90° BSP - Vedação Boleada Código 190FB				Fêmea Giratória 90° BSP Boleada 60° Compacta Código 190FBC			
Rosca	Pol.	Bitola	Código	Rosca	Pol.	Bitola	Código	Rosca	Pol.	Bitola	Código	Rosca	Pol.	Bitola	Código
1/4" - 19	1/4"	4	100FB-04-04	1/4" - 19	1/4"	4	145FB-04-04	1/4" - 19	1/4"	4	190FB-04-04	1/4"-19	1/4"	4	190FBC-04-04
1/4" - 19	3/8"	6	100FB-04-06	3/8" - 19	3/8"	6	145FB-06-06	1/4" - 19	3/8"	6	190FB-04-06	3/8"-19	3/8"	6	190FBC-06-06
3/8" - 19	1/4"	4	100FB-06-04	1/2" - 14	1/2"	8	145FB-08-08	3/8" - 19	1/4"	4	190FB-06-04	1/2"-14	1/2"	8	190FBC-08-08
3/8" - 19	3/8"	6	100FB-06-06	5/8" - 14	1/2"	8	145FB-10-08	3/8" - 19	3/8"	6	190FB-06-06				
1/2" - 14	1/4"	4	100FB-08-04	5/8" - 14	5/8"	10	145FB-10-10	1/2" - 14	3/8"	6	190FB-08-06				
1/2" - 14	3/8"	6	100FB-08-06	3/4" - 14	5/8"	10	145FB-12-10	1/2" - 14	1/2"	8	190FB-08-08				
1/2" - 14	1/2"	8	100FB-08-08	3/4" - 14	3/4"	12	145FB-12-12	5/8" - 14	1/2"	8	190FB-10-08				
5/8" - 14	1/2"	8	100FB-10-08	1" - 11	1"	16	145FB-16-16	5/8" - 14	5/8"	10	190FB-10-10				
5/8" - 14	5/8"	10	100FB-10-10	1.1/4" - 11	1.1/4"	20	145FB-20-20	3/4" - 14	5/8"	10	190FB-12-10				
3/4" - 14	5/8"	10	100FB-12-10	1.1/2" - 11	1.1/2"	20	145FB-24-24	3/4" - 14	3/4"	12	190FB-12-12				
3/4" - 14	3/4"	12	100FB-12-12					1" - 11	3/4"	12	190FB-16-12				
1" - 11	3/4"	12	100FB-16-12					1" - 11	1"	16	190FB-16-16				
1" - 11	1"	16	100FB-16-16					1.1/4" - 11	1.1/4"	20	190FB-20-20				
1.1/4" - 11	1.1/4"	20	100FB-20-20					1.1/2" - 11	1.1/2"	24	190FB-24-24				
1.1/2" - 11	1.1/2"	24	100FB-24-24					2" - 11	2"	32	190FB-32-32				
2" - 11	2"	32	100FB-32-32												

LINHA NPTF Macho Fixo				LINHA NPTF Macho Giratório				LINHA Komatsu																																	
																																									
Macho Fixo Reto Rosca NPTF (Cônica) Código 100MN				Macho Giratório Reto Rosca NPTF (Cônica) Código 100MG				Fêmea Giratória Reta Métrica JIC (Komatsu) Código 100FK																																	
Rosca	Pol.	Bitola	Código	Rosca	Pol.	Bitola	Código	Rosca	Pol.	Bitola	Código																														
1/8" - 27	1/4"	4	100MN-02-04	1/4" - 18	1/4"	4	100MG-04-04	M14 x 1.5	1/4"	4	100FK-14-04																														
1/4" - 18	1/4"	4	100MN-04-04	LINHA Emendas				M16 x 1.5	3/8"	6	100FK-16-06																														
1/4" - 18	3/8"	6	100MN-04-06									M18 x 1.5	3/8"	6	100FK-18-06																										
3/8" - 18	1/4"	4	100MN-06-04	Emenda para Mangueiras "Espigão" Código 100EM								M20 x 1.5	3/8"	6	100FK-20-06																										
3/8" - 18	3/8"	6	100MN-06-06					<table border="1"> <thead> <tr> <th>Pol.</th><th>Bitola</th><th>Código</th> </tr> </thead> <tbody> <tr><td>1/4"</td><td>4</td><td>100EM-04-04</td></tr> <tr><td>5/16"</td><td>5</td><td>100EM-05-05</td></tr> <tr><td>3/8"</td><td>6</td><td>100EM-06-06</td></tr> <tr><td>1/2"</td><td>8</td><td>100EM-08-08</td></tr> <tr><td>5/8"</td><td>10</td><td>100EM-10-10</td></tr> <tr><td>3/4"</td><td>12</td><td>100EM-12-12</td></tr> <tr><td>1"</td><td>16</td><td>100EM-16-16</td></tr> <tr><td>1.1/4"</td><td>20</td><td>100EM-20-20</td></tr> <tr><td>1.1/2"</td><td>24</td><td>100EM-24-24</td></tr> </tbody> </table>				Pol.	Bitola	Código	1/4"	4	100EM-04-04	5/16"	5	100EM-05-05	3/8"	6	100EM-06-06	1/2"	8	100EM-08-08	5/8"	10	100EM-10-10	3/4"	12	100EM-12-12	1"	16	100EM-16-16	1.1/4"	20	100EM-20-20	1.1/2"	24	100EM-24-24
Pol.	Bitola	Código																																							
1/4"	4	100EM-04-04																																							
5/16"	5	100EM-05-05																																							
3/8"	6	100EM-06-06																																							
1/2"	8	100EM-08-08																																							
5/8"	10	100EM-10-10																																							
3/4"	12	100EM-12-12																																							
1"	16	100EM-16-16																																							
1.1/4"	20	100EM-20-20																																							
1.1/2"	24	100EM-24-24																																							
3/8" - 18	1/2"	8	100MN-06-08	LINHA BSP Boleado 60°				M24 x 1.5	5/8"	10	100FK-24-10																														
1/2" - 14	1/4"	4	100MN-08-04									M24 x 1.5	3/4"	12	100FK-24-12																										
1/2" - 14	3/8"	6	100MN-08-06	Macho Reto BSP - Vedação Boleada Código 100MB								M30 x 1.5	5/8"	10	100FK-30-10																										
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LINHA Flange (3000 LBS)



Flange Reto 3000PSI
Código 100F3

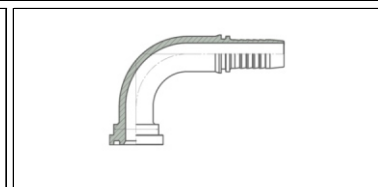
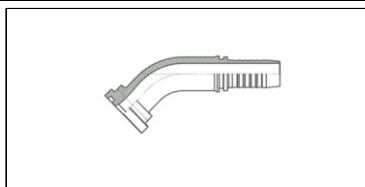
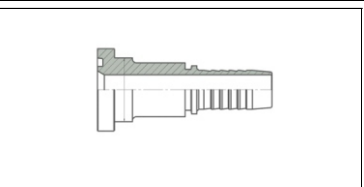
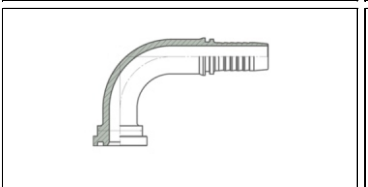
Flange 45° 3000PSI
Código 145F3

Flange		Pol. Mang.	Código
mm	Pol.		
30.2	1.3/16"	1/2"	100F3-08-08
38.1	1.1/2"	1/2"	100F3-12-08
38.1	1.1/2"	5/8"	100F3-12-10
38.1	1.1/2"	3/4"	100F3-12-12
38.1	1.1/2"	1"	100F3-12-16
44.4	1.3/4"	3/4"	100F3-16-12
44.4	1.3/4"	1"	100F3-16-16
44.4	1.3/4"	1.1/4"	100F3-16-20
50.8	2"	1"	100F3-20-16
50.8	2"	1.1/4"	100F3-20-20
60.3	2.3/8"	1.1/4"	100F3-24-20
60.3	2.3/8"	1.1/2"	100F3-24-24
71.4	2.13/16"	2"	100F3-32-32

Flange		Pol. Mang.	Código
mm	Pol.		
38.1	1.1/2"	1/2"	145F3-12-08
38.1	1.1/2"	5/8"	145F3-12-10
38.1	1.1/2"	3/4"	145F3-12-12
44.4	1.3/4"	3/4"	145F3-16-12
44.4	1.3/4"	1"	145F3-16-16
50.8	2"	1"	145F3-20-16
50.8	2"	1.1/4"	145F3-20-20
60.3	2.3/8"	1.1/4"	145F3-24-20
60.3	2.3/8"	1.1/2"	145F3-24-24
71.4	2.13/16"	2"	145F3-32-32

LINHA Flange (3000 LBS)

LINHA Flange (6000 LBS)



Flange 90° 3000PSI
Código 190F3

Flange Reto 6000PSI
Código 100F6

Flange 45° 6000PSI
Código 145F6

Flange 90° 6000PSI
Código 190F6

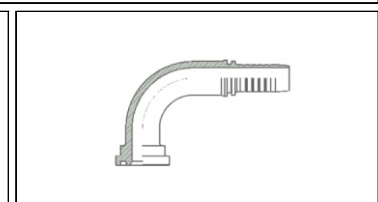
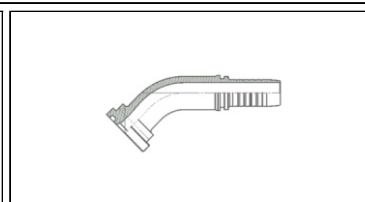
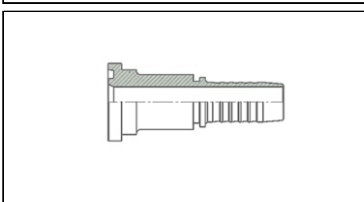
Flange		Pol. Mang.	Código
mm	Pol.		
30.2	1.3/16"	1/2"	190F3-08-08
38.1	1.1/2"	1/2"	190F3-12-08
38.1	1.1/2"	5/8"	190F3-12-10
38.1	1.1/2"	3/4"	190F3-12-12-L
38.1	1.1/2"	1"	190F3-12-16
44.4	1.3/4"	3/4"	190F3-16-12
44.4	1.3/4"	1"	190F3-16-16-L
44.4	1.3/4"	1.1/4"	190F3-16-20
50.8	2"	1"	190F3-20-16
50.8	2"	1.1/4"	190F3-20-20
60.3	2.3/8"	1.1/4"	190F3-24-20
60.3	2.3/8"	1.1/2"	190F3-24-24
71.4	2.13/16"	2"	190F3-32-32

Flange		Pol. Mang.	Código
mm	Pol.		
41.3	1.5/8"	3/4"	100F6-12-12
47.6	1.7/8"	3/4"	100F6-16-12
47.6	1.7/8"	1"	100F6-16-16
54	2.1/8"	1"	100F6-20-16
54	2.1/8"	1.1/4"	100F6-20-20
63.5	2.1/2"	1.1/4"	100F6-24-20
63.5	2.1/2"	1.1/2"	100F6-24-24

Flange		Pol. Mang.	Código
mm	Pol.		
41.3	1.5/8"	3/4"	145F6-12-12
47.6	1.7/8"	3/4"	145F6-16-12
47.6	1.7/8"	1"	145F6-16-16
54	2.1/8"	1"	145F6-20-16
54	2.1/8"	1.1/4"	145F6-20-20
63.5	2.1/2"	1.1/2"	145F6-24-24

Flange		Pol. Mang.	Código
mm	Pol.		
41.3	1.5/8"	3/4"	190F6-12-12
47.6	1.7/8"	3/4"	190F6-16-12
47.6	1.7/8"	1"	190F6-16-16
47.6	1.7/8"	1"	190F6-16-16-L
54	2.1/8"	1"	190F6-20-16
54	2.1/8"	1.1/4"	190F6-20-20
54	2.1/8"	1.1/4"	190F6-20-20-L
63.5	2.1/2"	1.1/2"	190F6-24-24

Flange (9000 LBS) - Super Cat 14 mm



Flange Reto 9000PSI - Super Cat 14 mm
Código 100F9

Flange 45° 9000PSI - Super Cat 14 mm
Código 145F9

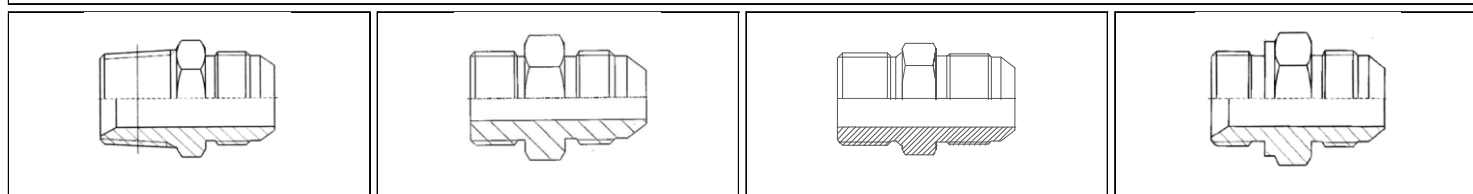
Flange 90° 9000PSI - Super Cat 14 mm
Código 190F9

Flange		Pol. Mang.	Código
mm	Pol.		
41.3	1.5/8"	3/4"	100F9-12-12
47.6	1.7/8"	3/4"	100F9-16-12
47.6	1.7/8"	1"	100F9-16-16
54	2.1/8"	1"	100F9-20-16
54	2.1/8"	1.1/4"	100F9-20-20
63.5	2.1/2"	1.1/2"	100F9-24-24

Flange		Pol. Mang.	Código
mm	Pol.		
47.6	1.7/8"	3/4"	145F9-16-12
47.6	1.7/8"	1"	145F9-16-16
54	2.1/8"	1"	145F9-20-16

Flange		Pol. Mang.	Código
mm	Pol.		
41.3	1.5/8"	3/4"	190F9-12-12
41.3	1.5/8"	3/4"	190F9-12-12-L
47.6	1.7/8"	3/4"	190F9-16-12
47.6	1.7/8"	3/4"	190F9-16-12-L
47.6	1.7/8"	1"	190F9-16-16
47.6	1.7/8"	1"	190F9-16-16-L
54	2.1/8"	1"	190F9-20-16
54	2.1/8"	1"	190F9-20-16-L
54	2.1/8"	1.1/4"	190F9-20-20
54	2.1/8"	1.1/4"	190F9-20-20-L
63.5	2.1/2"	1.1/2"	190F9-24-24

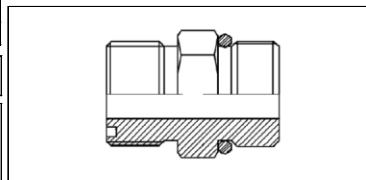
NPT, JIC, Oring, BSP e Métrico



Macho NPT x Macho JIC Código 200NJ	Macho O-Ring x Macho JIC Código 200OJ	Macho BSP x Macho JIC Código 200BJ	Macho Métrico x Macho JIC Código 200MJ
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Traço	Dimensões		Código	Traço	Dimensões		Código	Traço	Dimensões		Código	Traço	Dimensões		Código
	NPT	JIC 37°			O-Ring	JIC 37°			BSP	JIC 37°			Métrico	JIC 37°	
02-04	1/8"	7/16"	200NJ-02-04	04-04	7/16"	7/16"	200OJ-04-04	04-04	1/4"	7/16"	200BJ-04-04	12-04	M12	7/16"	200MJ-12-04
02-06	1/8"	9/16"	200NJ-02-06	04-06	7/16"	9/16"	200OJ-04-06	04-06	1/4"	9/16"	200BJ-04-06	14-04	M14	7/16"	200MJ-14-04
04-04	1/4"	7/16"	200NJ-04-04	05-05	1/2"	1/2"	200OJ-05-05	06-06	3/8"	9/16"	200BJ-06-06	16-06	M16	9/16"	200MJ-16-06
04-05	1/4"	1/2"	200NJ-04-05	05-06	1/2"	9/16"	200OJ-05-06	06-08	3/8"	3/4"	200BJ-06-08	16-08	M16	3/4"	200MJ-16-08
04-06	1/4"	9/16"	200NJ-04-06	06-06	9/16"	9/16"	200OJ-06-06	06-10	3/8"	7/8"	200BJ-06-10	18-06	M18	9/16"	200MJ-18-06
04-08	1/4"	3/4"	200NJ-04-08	06-08	9/16"	3/4"	200OJ-06-08	08-06	1/2"	9/16"	200BJ-08-06	18-08	M18	3/4"	200MJ-18-08
06-04	3/8"	7/16"	200NJ-06-04	06-10	9/16"	7/8"	200OJ-06-10	08-08	1/2"	3/4"	200BJ-08-08	20-06	M20	9/16"	200MJ-20-06
06-06	3/8"	9/16"	200NJ-06-06	08-06	3/4"	9/16"	200OJ-08-06	08-10	1/2"	7/8"	200BJ-08-10	20-08	M20	3/4"	200MJ-20-08
06-08	3/8"	3/4"	200NJ-06-08	08-08	3/4"	3/4"	200OJ-08-08	08-12	1/2"	1.1/16"	200BJ-08-12	22-10	M22	7/8"	200MJ-22-10
06-10	3/8"	7/8"	200NJ-06-10	08-10	3/4"	7/8"	200OJ-08-10	12-10	3/4"	7/8"	200BJ-12-10	22-12	M22	1.1/16"	200MJ-22-12
08-06	1/2"	9/16"	200NJ-08-06	08-12	3/4"	1.1/16"	200OJ-08-12	12-12	3/4"	1.1/16"	200BJ-12-12				
08-08	1/2"	3/4"	200NJ-08-08	10-06	7/8"	9/16"	200OJ-10-06	12-16	3/4"	1.5/16"	200BJ-12-16				
08-10	1/2"	7/8"	200NJ-08-10	10-08	7/8"	3/4"	200OJ-10-08	16-12	1"	1.1/16"	200BJ-16-12				
08-12	1/2"	1.1/16"	200NJ-08-12	10-10	7/8"	7/8"	200OJ-10-10	16-16	1"	1.5/16"	200BJ-16-16				
12-08	3/4"	3/4"	200NJ-12-08	10-12	7/8"	1.1/16"	200OJ-10-12	20-20	1.1/4"	1.5/8"	200BJ-20-20				
12-10	3/4"	7/8"	200NJ-12-10	10-16	7/8"	1.5/16"	200OJ-10-16								
12-12	3/4"	1.1/16"	200NJ-12-12	12-08	1.1/16"	3/4"	200OJ-12-08								
12-16	3/4"	1.5/16"	200NJ-12-16	12-10	1.1/16"	7/8"	200OJ-12-10								
16-12	1"	1.1/16"	200NJ-16-12	12-12	1.1/16"	1.1/16"	200OJ-12-12								
16-16	1"	1.5/16"	200NJ-16-16	12-16	1.5/16"	1.5/16"	200OJ-12-16								
16-20	1"	1.5/8"	200NJ-16-20	16-10	1.5/16"	7/8"	200OJ-16-10								
20-16	1.1/4"	1.5/16"	200NJ-20-16	16-12	1.5/16"	1.1/16"	200OJ-16-12								
20-20	1.1/4"	1.5/8"	200NJ-20-20	16-16	1.5/16"	1.5/16"	200OJ-16-16								
20-24	1.1/4"	1.7/8"	200NJ-20-24	16-20	1.5/16"	1.5/8"	200OJ-16-20								
24-20	1.1/2"	1.5/8"	200NJ-24-20	20-16	1.5/8"	1.5/16"	200OJ-20-16								
24-24	1.1/2"	1.7/8"	200NJ-24-24	20-20	1.5/8"	1.5/8"	200OJ-20-20								
24-32	2"	1.7/8"	200NJ-32-24	24-24	1.7/8"	1.7/8"	200OJ-24-24								
32-32	2"	2.1/2"	200NJ-32-32												

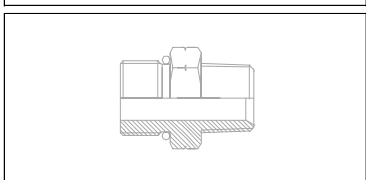
ORFS e O-Ring



Macho ORFS x Macho O-Ring
Código 200OO

Traço	Dimensões		Código
	ORFS	O-Ring	
06-06	11/16"	9/16"	200OO-06-06
08-08	13/16"	3/4"	200OO-08-08
10-08	1"	3/4"	200OO-10-08
10-10	1"	7/8"	200OO-10-10
12-12	1.3/16"	1.1/16"	200OO-12-12

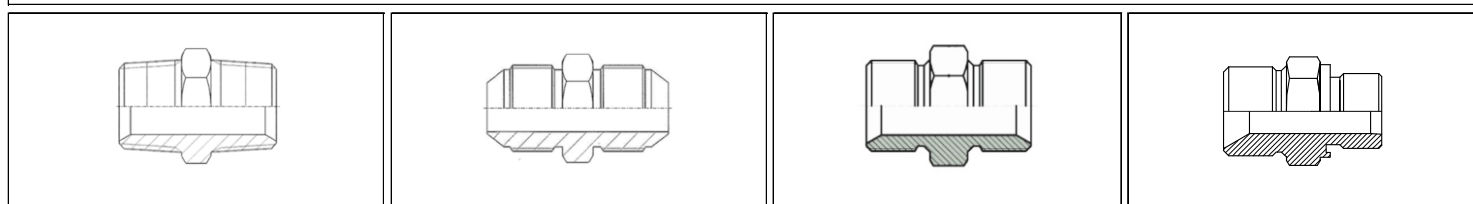
O-ring,NPT



Macho O-Ring x Macho NPT
Código 200ON

Traço	Dimensões		Código
	O-Ring	NPT	
	08-08	3/4"	
10-08	7/8"	1/2"	200ON-10-08
12-08	1.1/16"	1/2"	200ON-12-08

Nipples



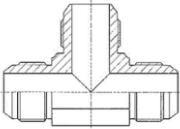
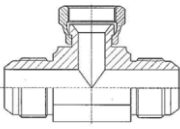
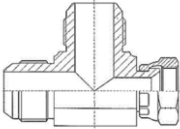
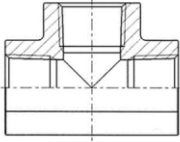
Niple Duplo NPT Código 210N	Niple Duplo JIC Código 210J	Niple Duplo BSP Código 210B	Macho BSP 60° x Macho BSP Paralelo Código 200BW
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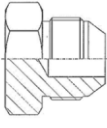
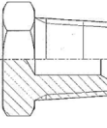
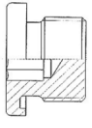
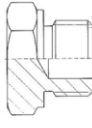
Traço	Dimensões		Código	Traço	Dimensões		Código	Traço	Dimensões		Código	Traço	Dimensões		Código
	NPT	NPT			JIC 37°	JIC 37°			BSP	BSP			BSP	BSP	
02-02	1/8"	1/8"	210N-02-02	04-04	7/16"		210J-04-04	02-02	1/8"		210B-02-02	04-04	1/4"		200BW-04-04
04-02	1/4"	1/8"	210N-04-02	06-06	9/16"		210J-06-06	04-04	1/4"		210B-04-04	06-06	3/8"		200BW-06-06
04-04	1/4"	1/4"	210N-04-04	08-08	3/4"		210J-08-08	06-06	3/8"		210B-06-06	08-08	1/2"		200BW-08-08
06-04	3/8"	1/4"	210N-06-04	10-10	7/8"		210J-10-10	08-08	1/2"		210B-08-08	12-12	3/4"		200BW-12-12
06-06	3/8"	3/8"	210N-06-06	12-12	1.1/16"		210J-12-12	12-12	3/4"		210B-12-12	16-16	1"		200BW-16-16
08-04	1/2"	1/4"	210N-08-04	16-16	1.5/16"		210J-16-16	16-16	1"		210B-16-16				
08-06	1/2"	3/8"	210N-08-06	20-20	1.5/8"		210J-20-20								
08-08	1/2"	1/2"	210N-08-08												
12-08	3/4"	1/2"	210N-12-08												
12-12	3/4"	3/4"	210N-12-12												
16-16	1"	1"	210N-16-16												
20-20	1.1/4"	1.1/4"	210N-20-20												
24-24	1.1/2"	1.1/2"	210N-24-24												
32-32	2"	2"	210N-32-32												

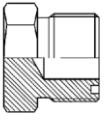
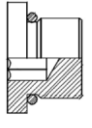
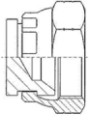
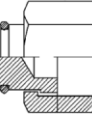
NPT, JIC, O-Ring E Bucha de Redução							Luva							
Fêmea Fixa NPT x Macho JIC Código 212NJ		Macho O-Ring x Fêmea JIC Código 201OJ		Bucha de Redução NPT Código 201N		Luvax NPT Código 211N								
Traço	Dimensões		Código	Traço	Dimensões		Código	Traço	Dimensões		Código			
	NPT	JIC 37°			O-Ring	JIC 37°			NPT	NPT				
02-04	1/8"	7/16"	212NJ-02-04	08-08	3/4"	3/4"	201OJ-08-08	04-02	1/4"	1/8"	201N-04-02	2	1/8"	211N-02
04-02	1/4"	5/16"	212NJ-04-02	08-10	3/4"	7/8"	201OJ-08-10	06-02	3/8"	1/8"	201N-06-02	4	1/4"	211N-04
04-06	1/4"	9/16"	212NJ-04-06	10-10	7/8"	7/8"	201OJ-10-10	06-04	3/8"	1/4"	201N-06-04	6	3/8"	211N-06
06-04	3/8"	7/16"	212NJ-06-04	12-12	1.1/16"	1.1/16"	201OJ-12-12	08-02	1/2"	1/8"	201N-08-02	8	1/2"	211N-08
06-08	3/8"	3/4"	212NJ-06-08					08-04	1/2"	1/4"	201N-08-04	12	3/4"	211N-12
08-06	1/2"	9/16"	212NJ-08-06					08-06	1/2"	3/8"	201N-08-06	16	1"	211N-16
08-08	1/2"	3/4"	212NJ-08-08					12-06	3/4"	3/8"	201N-12-06	20	1.1/4"	211N-20
08-10	1/2"	7/8"	212NJ-08-10					12-08	3/4"	1/2"	201N-12-08	24	1.1/2"	211N-24
12-12	3/4"	1.1/16"	212NJ-12-12					16-08	1"	1/2"	201N-16-08	32	2"	211N-32
12-16	3/4"	1.5/16"	212NJ-12-16					16-12	1"	3/4"	201N-16-12			
16-12	1"	1.1/16"	212NJ-16-12											
16-16	1"	1.5/16"	212NJ-16-16											

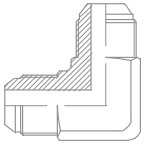
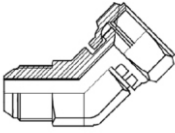
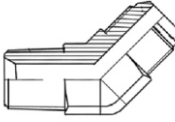
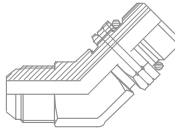
Flange e Solda				NPT, JIC				Nipples						
Macho JIC x Flange 3000 PSI Código 200JF		Macho JIC x Solda Código 240JS		Macho NPT x Fêmea JIC Código 201NJ		Macho JIC x Fêmea JIC Código 201J								
Traço	Dimensões		Código	Traço	Dimensões		Código	Traço	Dimensões		Código			
	JIC 37°	Flange			JIC 37°	NPT			JIC 37°	JIC				
12-12	1.1/16"	3/4"	200JF-12-12	4	7/16"	240JS-04	04-06	1/4"	9/16"	201NJ-04-06	04-04	7/16"	7/16"	201J-04-04
16-16	1.5/16"	1"	200JF-16-16	6	9/16"	240JS-06	06-06	3/8"	9/16"	201NJ-06-06	04-06	7/16"	9/16"	201J-04-06
				8	3/4"	240JS-08	06-08	3/8"	3/4"	201NJ-06-08	06-04	9/16"	7/16"	201J-06-04
				10	7/8"	240JS-10	08-08	1/2"	3/4"	201NJ-08-08	06-06	9/16"	9/16"	201J-06-06
				12	1.1/16"	240JS-12	08-10	1/2"	7/8"	201NJ-08-10	06-08	9/16"	3/4"	201J-06-08
				16	1.5/16"	240JS-16	12-12	3/4"	1.1/16"	201NJ-12-12	08-06	3/4"	9/16"	201J-08-06
							16-12	1"	1.1/16"	201NJ-16-12	08-08	3/4"	3/4"	201J-08-08
							16-16	1"	1.5/16"	201NJ-16-16	08-10	3/4"	7/8"	201J-08-10
											10-06	7/8"	9/16"	201J-10-06
											10-08	7/8"	3/4"	201J-10-08
											10-10	7/8"	7/8"	201J-10-10
											10-12	7/8"	1.1/16"	201J-10-12
											12-08	1.1/16"	3/4"	201J-12-08
											12-10	1.1/16"	7/8"	201J-12-10
											12-12	1.1/16"	1.1/16"	201J-12-12
											12-16	1.1/16"	1.5/16"	201J-12-16
											16-12	1.5/16"	1.1/16"	201J-16-12
											16-16	1.5/16"	1.5/16"	201J-16-16

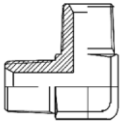
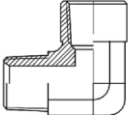
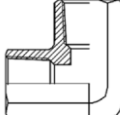
UCA JIC e ORFS									
UCA JIC - União Painel Cumprida JIC Código 210UCA		UCA JIC - Cotovelo Painel Cumprido JIC Código 220UCA		UCA ORFS - União Cumprida ORFS Código 210UCO					
Traço	Dimensões		Traço	Dimensões		Traço	Dimensões		Código
	JIC	JIC		JIC	JIC		ORFS		
4	7/16"	210UCA-04	8	3/4"	220UCA-08-08	6	11/16"	210UCO-06	
6	9/16"	210UCA-06	10	7/8"	220UCA-10-10	8	13/16"	210UCO-08	
8	3/4"	210UCA-08	12	1.1/16"	220UCA-12-12	10	1"	210UCO-10	
10	7/8"	210UCA-10	16	1.5/16"	220UCA-16-16	12	1.3/16"	210UCO-12	
12	1.1/16"	210UCA-12				16	1.7/16"	210UCO-16	
16	1.5/16"	210UCA-16							
20	1.5/8"	210UCA-20							

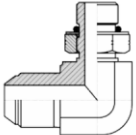
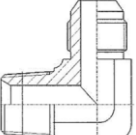
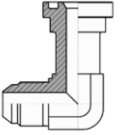
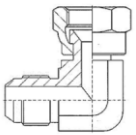
Tees											
											
Tee Macho JIC Código 230J			Tee JIC Fêmea Central Código 231JFC			Tee JIC Fêmea Lateral Código 231JFL			Tee NPT Fêmea Código 231N		
Traço	Dimensões		Traço	Dimensões		Traço	Dimensões		Traço	Dimensões	
	JIC 37°			JIC 37°			JIC 37°			NPT	
4	7/16"	230J-04	4	7/16"	231JFC-04	4	7/16"	231JFL-04	4	1/4"	231N-04-04
6	9/16"	230J-06	6	9/16"	231JFC-06	6	9/16"	231JFL-06	6	3/8"	231N-06-06
8	3/4"	230J-08	8	3/4"	231JFC-08	8	3/4"	231JFL-08	8	1/2"	231N-08-08
10	7/8"	230J-10	10	7/8"	231JFC-10	10	7/8"	231JFL-10	12	3/4"	231N-12-12
12	1.1/16"	230J-12	12	1.1/16"	231JFC-12	12	1.1/16"	231JFL-12	16	1"	231N-16-16
16	1.5/16"	230J-16	16	1.5/16"	231JFC-16	16	1.5/16"	231JFL-16	24	1.1/2"	231N-24-24
20	1.5/8"	230J-20	20	1.5/8"	231JFC-20				32	2"	231N-32-32


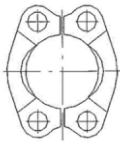
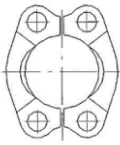

Bujão											
											
Bujão Macho JIC Código 240J			Bujão Macho NPT Código 240N			Bujão Macho BSP Sextavado Interno Código 240BS			Bujão Macho BSP Código 240B		
Traço	Dimensões		Traço	Dimensões		Traço	Dimensões		Traço	Dimensões	
	JIC 37°			NPT			BSP			BSP	
4	7/16"	240J-04	2	1/8"	240N-02	4	1/4"	240BS-04	4	1/4"	240B-04
5	1/2"	240J-05	4	1/4"	240N-04	6	3/8"	240BS-06	6	3/8"	240B-06
6	9/16"	240J-06	6	3/8"	240N-06	8	1/2"	240BS-08	8	1/2"	240B-08
8	3/4"	240J-08	8	1/2"	240N-08	12	3/4"	240BS-12	12	3/4"	240B-12
10	7/8"	240J-10	12	3/4"	240N-12	16	1"	240BS-16			
12	1.1/16"	240J-12									
16	1.5/16"	240J-16									
20	1.5/8"	240J-20									

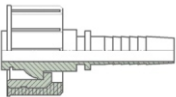

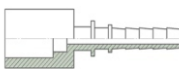
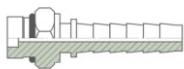
Bujão											
											
Bujão Macho ORFS Código 2400			Bujão Macho O-Ring Sextavado Interno Código 2400S			Bujão Fêmea JIC Código 241J			Bujão Fêmea ORFS Código 241O		
Traço	Dimensões		Traço	Dimensões		Traço	Dimensões		Traço	Dimensões	
	ORFS			O-Ring			JIC 37°			ORFS	
04	9/16"	2400-04	04	7/16"	2400S-04	4	7/16"	241J-04	04	9/16"	241O-04
06	11/16"	2400-06	05	1/2"	2400S-05	5	1/2"	241J-05	06	11/16"	241O-06
08	13/16"	2400-08	06	9/16"	2400S-06	6	9/16"	241J-06	08	13/16"	241O-08
10	1"	2400-10	08	3/4"	2400S-08	8	3/4"	241J-08	10	1"	241O-10
12	1.3/16"	2400-12	10	7/8"	2400S-10	10	7/8"	241J-10	12	1.3/16"	241O-12
16	1.7/16"	2400-16	12	1.1/16"	2400S-12	12	1.1/16"	241J-12	16	1.7/16"	241O-16
			16	1.5/16"	2400S-16	16	1.5/16"	241J-16			
			20	1.5/8"	2400S-20	20	1.5/8"	241J-20			

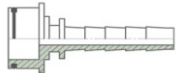

Cotovelo			Cotovelo 45°			Cotovelo 45°			Cotovelo 45°		
											
Cotovelo Macho JIC Código 220J			Cotovelo Macho e Fêmea JIC 45° Código 246J			Cotovelo Macho NPT x Macho JIC 45° Código 245NJ			Cotovelo Macho O-Ring x Macho JIC 45° Código 245OJ		
Traço	Dimensões		Código	Traço	Dimensões		Código	Traço	Dimensões		Código
	JIC 37°				JIC 37°				NPT	JIC 37°	
04-04	7/16"		220J-04-04	04-04	7/16"		246J-04-04	04-06	1/4"	9/16"	245NJ-04-06
06-06	9/16"		220J-06-06	06-06	9/16"		246J-06-06	06-08	3/8"	3/4"	245NJ-06-08
08-08	3/4"		220J-08-08	08-08	3/4"		246J-08-08	08-08	1/2"	3/4"	245NJ-08-08
10-10	7/8"		220J-10-10	10-10	7/8"		246J-10-10	08-10	1/2"	7/8"	245NJ-08-10
				12-12	1.1/16"		246J-12-12	12-12	3/4"	1.1/16"	245NJ-12-12
				16-16	1.5/16"		246J-16-16	16-16	1"	1.5/16"	245NJ-16-16

Cotovelos											
											
Cotovelo Macho NPT Código 220N			Cotovelo Macho e Fêmea NPT Código 221N			Cotovelo Fêmea NPT Código 221FN					
Traço	Dimensões		Código	Traço	Dimensões		Código	Traço	Dimensões		Código
	NPT				NPT				NPT		
04-04	1/4"		220N-04-04	04	1/4"		221N-04	04	1/4"		221FN-04
06-06	3/8"		220N-06-06	06	3/8"		221N-06	06	3/8"		221FN-06
08-08	1/2"		220N-08-08	08	1/2"		221N-08	08	1/2"		221FN-08
12-12	3/4"		220N-12-12	12	3/4"		221N-12	12	3/4"		221FN-12
16-16	1"		220N-16-16	16	1"		221N-16	16	1"		221FN-16
20-20	1.1/4"		220N-20-20								

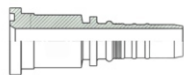
Cotovelos													
													
Cotovelo Macho O-Ring x Macho JIC Código 220OJ			Cotovelo Macho NPT x Macho JIC Código 220NJ			Cotovelo Macho JIC x Flange 3000 PSI Código 220JF			Cotovelo Macho e Fêmea JIC Código 221J				
Traço	Dimensões		Código	Traço	Dimensões		Código	Traço	Dimensões		Código		
	O-Ring	JIC 37°			NPT	JIC 37°			JIC 37°	Flange		JIC 37°	
04-04	7/16"	7/16"	220OJ-04-04	02-04	1/8"	7/16"	220NJ-02-04	12-12	1.1/16"	3/4"	220JF-12-12		
04-06	7/16"	9/16"	220OJ-04-06	04-04	1/4"	7/16"	220NJ-04-04	16-16	1.5/16"	1"	220JF-16-16		
05-05	1/2"	1/2"	220OJ-05-05	04-06	1/4"	9/16"	220NJ-04-06				04-04	7/16"	221J-04-04
05-06	1/2"	9/16"	220OJ-05-06	06-06	3/8"	9/16"	220NJ-06-06				06-06	9/16"	221J-06-06
06-06	9/16"	9/16"	220OJ-06-06	06-08	3/8"	3/4"	220NJ-06-08				08-08	3/4"	221J-08-08
06-08	9/16"	3/4"	220OJ-06-08	08-06	1/2"	9/16"	220NJ-08-06				10-10	7/8"	221J-10-10
08-06	3/4"	9/16"	220OJ-08-06	08-08	1/2"	3/4"	220NJ-08-08				12-12	1.1/16"	221J-12-12
08-08	3/4"	3/4"	220OJ-08-08	08-10	1/2"	7/8"	220NJ-08-10				16-16	1.5/16"	221J-16-16
08-10	3/4"	7/8"	220OJ-08-10	12-08	3/4"	3/4"	220NJ-12-08				20-20	1.5/8"	221J-20-20
10-08	7/8"	3/4"	220OJ-10-08	12-10	3/4"	7/8"	220NJ-12-10						
10-10	7/8"	7/8"	220OJ-10-10	12-12	3/4"	1.1/16"	220NJ-12-12						
10-12	7/8"	1.1/16"	220OJ-10-12	12-16	3/4"	1.5/16"	220NJ-12-16						
12-12	1.1/16"	1.1/16"	220OJ-12-12	16-12	1"	1.1/16"	220NJ-16-12						
12-16	1.1/16"	1.5/16"	220OJ-12-16	16-16	1"	1.5/16"	220NJ-16-16						
16-12	1.5/16"	1.1/16"	220OJ-16-12	20-20	1.1/4"	1.5/8"	220NJ-20-20						
16-16	1.5/16"	1.5/16"	220OJ-16-16										

Bujão			Flange Bipartido				Lavação	
								
Bujão Macho NPT Sextavado Interno Código 240NS			Flanges Bipartido 3.000 PSI Código 250F3		Flanges Bipartido 6.000 PSI Código 250F6		Porca Plásti a Karcher Código 900PP	
Traço	Dimensões NPT	Código	Bitola	Código	Bitola	Código	Rosca	Código
2	1/8"	240NS-02	1/2"	250F3-08	3/4"	250F6-12	M22	900PP-22
4	1/4"	240NS-04	3/4"	250F3-12	1"	250F6-16		
6	3/8"	240NS-06	1"	250F3-16	1.1/4"	250F6-20		
8	1/2"	240NS-08	1.1/4"	250F3-20	1.1/2"	250F6-24		
12	3/4"	240NS-12	1.1/2"	250F3-24				
			2"	250F3-32				

Lavação							
							
Fêmea Karcher Código 900FK		Pino Mini Karcher Código 900PK		Copinho Karcher Código 900CK		Macho WAP 14 MM Código 900MW	
Bitola	Código	Bitola	Código	Bitola	Código	Bitola	Código
1/4"	900FK-22-04	1/4" (Compacto)	900PK-08-04C	1/4" -(interno 10 mm)	900CK-10-04	1/4"	900MW-14-04
3/8"	900FK-22-06	1/4"	900PK-08-04	1/4"	900CK-11-04		
		1/4"	900PK-10-04				
		1/4"	900PK-14-04				
		1/4"	900PK-15-04				
		1/4"	900PK-08-04 A				

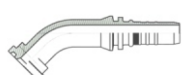
Lavação / Graxa			
			
Fêmea Mini WAP Código 900FW		Fêmea Fixa Graxa Código 900FG	
Bitola	Código	Bitola	Código
1/4"	900FW-04-04	1/8"	900FG-02-04
		1/4"	900FG-04-04

LINHA Flange Interlock (3000 LBS)



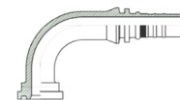
Flange Reto 3000PSI Interlock
Código 600F3

Flange		Pol. Mang.	Código
mm	Pol.		
38.1	1.1/2"	3/4"	600F3-12-12
44.4	1.3/4"	3/4"	600F3-16-12
44.4	1.3/4"	1"	600F3-16-16
50.8	2"	1"	600F3-20-16
60.3	2.3/8"	1.1/2"	600F3-24-24



Flange 45° 3000PSI Interlock
Código 645F3

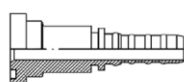
Flange		Pol. Mang.	Código
mm	Pol.		
38.1	1.1/2"	3/4"	645F3-12-12
44.4	1.3/4"	1"	645F3-16-16
50.8	2"	1"	645F3-20-16



Flange 90° 3000PSI Interlock
Código 690F3

Flange		Pol. Mang.	Código
mm	Pol.		
38.1	1.1/2"	3/4"	690F3-12-12
44.4	1.3/4"	3/4"	690F3-16-12
44.4	1.3/4"	1"	690F3-16-16
50.8	2"	1"	690F3-20-16
50.8	2"	1.1/4"	690F3-20-20

LINHA Flange Interlock (6000 LBS)



Flange Reto 6000PSI Interlock
Código 600F6

Flange		Pol. Mang.	Código
mm	Pol.		
41.3	1.5/8"	3/4"	600F6-12-12
47.6	1.7/8"	3/4"	600F6-16-12
47.6	1.7/8"	1"	600F6-16-16
54	2.1/8"	1"	600F6-20-16
54	2.1/8"	1.1/4"	600F6-20-20
63.5	2.1/2"	1.1/2"	600F6-24-24



Flange 45° 6000PSI Interlock
Código 645F6

Flange		Pol. Mang.	Código
mm	Pol.		
47.6	1.7/8"	1"	645F6-16-16
54	2.1/8"	1.1/4"	645F6-20-20



Flange 90° 6000PSI Interlock
Código 690F6

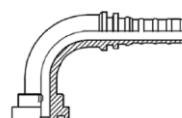
Flange		Pol. Mang.	Código
mm	Pol.		
41.3	1.5/8"	3/4"	690F6-12-12
47.6	1.7/8"	1"	690F6-16-16
54	2.1/8"	1"	690F6-20-16
54	2.1/8"	1.1/4"	690F6-20-20
54	2.1/8"	1.1/4"	690F6-20-20-L

LINHA Flange Super Cat 14 mm - Interlock (9000 LBS)



Flange Reto 9000PSI - Super Cat Interlock
Código 600F9

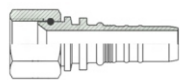
Flange		Pol. Mang.	Código
mm	Pol.		
41.3	1.5/8"	3/4"	600F9-12-12
47.6	1.7/8"	3/4"	600F9-16-12
47.6	1.7/8"	1"	600F9-16-16
54	2.1/8"	1"	600F9-20-16
54	2.1/8"	1.1/4"	600F9-20-20



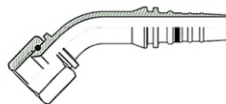
Flange 90° 9000PSI - Super Cat Interlock
Código 690F9

Flange		Pol. Mang.	Código
mm	Pol.		
41.3	1.5/8"	3/4"	690F9-12-12
41.3	1.5/8"	3/4"	690F9-12-12-L
47.6	1.7/8"	3/4"	690F9-16-12
47.6	1.7/8"	3/4"	690F9-16-12-L
47.6	1.7/8"	1"	690F9-16-16
47.6	1.7/8"	1"	690F9-16-16-L
54	2.1/8"	1"	690F9-20-16
54	2.1/8"	1"	690F9-20-16-L
54	2.1/8"	1.1/4"	690F9-20-20
54	2.1/8"	1.1/4"	690F9-20-20-L

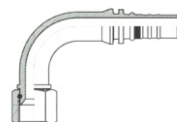
LINHA UNF JIC - Cone de Vedação 37° Interlock



Fêmea Giratória Reta JIC Interlock
Código 600FJ



Fêmea Giratória 45° JIC Interlock
Código 645FJ



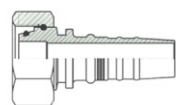
Fêmea Giratória 90° JIC Interlock
Código 690FJ

Rosca	Pol.	Bitola	Código
1.1/16"-12	3/4"	12	600FJ-12-12
1.5/16"-12	1"	16	600FJ-16-16
1.5/8"-12	1.1/4"	20	600FJ-20-20
1.7/8"-12	1.1/2"	24	600FJ-24-24
2.1/2"-12	2"	32	600FJ-32-32

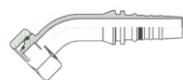
Rosca	Pol.	Bitola	Código
1.1/16"-12	3/4"	12	645FJ-12-12
1.5/8"-12	1.1/4"	20	645FJ-20-20
1.7/8"-12	1.1/2"	24	645FJ-24-24
2.1/2"-12	2"	32	645FJ-32-32

Rosca	Pol.	Bitola	Código
1.1/16"-12	3/4"	12	690FJ-12-12
1.5/16"-12	1"	16	690FJ-16-16
1.5/8"-12	1.1/4"	20	690FJ-20-20
1.7/8"-12	1.1/2"	24	690FJ-24-24
2.1/2"-12	2"	32	690FJ-32-32

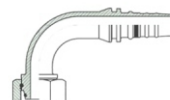
LINHA Métrica Interlock



Fêmea Reta DKO-DIN2353 - Métrica Interlock
Código 600FD



Fêmea 45° DKO-DIN2353 - Métrica Interlock
Código 645FD



Fêmea 90° DKO-DIN2353 - Métrica Interlock
Código 690FD

Rosca	Bitola	Tubo	Código
M36	3/4"	25	600FD-36-12-T25
M52	1.1/2"	38	600FD-52-24-T38
M52	1.1/2"	42	600FD-52-24-T42

Rosca	Bitola	Tubo	Código
M30	3/4"	20	645FD-30-12-T20
M36	3/4"	25	645FD-36-12-T25
M36	1"	25	645FD-36-16-T25

Rosca	Bitola	Tubo	Código
M36	3/4"	25	690FD-36-12-T25
M36	1"	25	690FD-36-16-T25
M42	1.1/4"	30	690FD-42-20-T30
M52	1.1/2"	42	690FD-52-24-T42

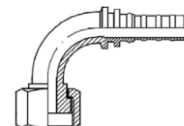
LINHA ORFS Interlock



Fêmea Giratória Reta ORFS
Código 600FO



Fêmea Giratória 45° ORFS
Código 645FO



Fêmea Giratória 90° ORFS
Código 690FO

Rosca	Pol.	Bitola	Código
1.3/16"-12	3/4"	12	600FO-12-12
1.7/16"-12	1"	16	600FO-16-16
1.11/16"-12	1.1/4"	20	600FO-20-20

Rosca	Pol.	Bitola	Código
1.3/16"-12	3/4"	12	645FO-12-12
1.7/16"-12	1"	16	645FO-16-16
1.11/16"-12	1.1/4"	20	645FO-20-20

Rosca	Pol.	Bitola	Código
1.3/16" - 12	3/4"	12	690FO-12-12
1.7/16" - 12	1"	16	690FO-16-16
1.11/16" - 12	1.1/4"	20	690FO-20-20

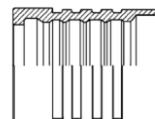
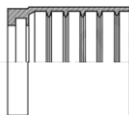
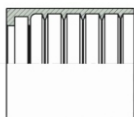
LINHA Emendas Interlock



Emenda para Mangueiras Interlock "Espigão"
Código 600EM

Pol.	Bitola	Código
3/4"	12	600EM-12-12
1"	16	600EM-16-16

CAPAS PARA MANGUEIRAS HIDRÁULICAS DE 1, 2 E 4 TRAMAS DE AÇO



Capas No SKIVE p/ Mangueiras - 1 Trama

Capas No SKIVE p/ Mangueiras SAE 100 R1AT e R2AT (1 e 2 Tramas)

Capas SKIVE p/ Mangueiras SAE 100 R12 e 4SP (4 Tramas)

Não precisa descascar a cobertura da mangueira na área de prensagem

Não precisa descascar a cobertura da mangueira na área de prensagem

É necessário descascar a cobertura da mangueira na área de prensagem

Código 300T1

Código 300T2

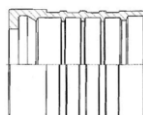
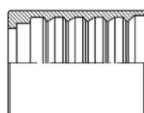
Código 300T4

Qtde Tramas	Pol.	Bitola	Código
1	3/16"	3	300T1-03
1	1/4"	4	300T1-04
1	5/16"	5	300T1-05

Qtde Tramas	Pol.	Bitola	Código
1 e 2	1/4"	4	300T2-04
1 e 2	1/4"	4	300T2-04A
1 e 2	5/16"	5	300T2-05
1 e 2	3/8"	6	300T2-06
1 e 2	1/2"	8	300T2-08
1 e 2	5/8"	10	300T2-10
1 e 2	3/4"	12	300T2-12
1 e 2	1"	16	300T2-16
1 e 2	1.1/4"	20	300T2-20
1 e 2	1.1/2"	24	300T2-24
1 e 2	2"	32	300T2-32

Qtde Tramas	Pol.	Bitola	Código
4	3/8"	6	300T4-06
4	1/2"	8	300T4-08
4	5/8"	10	300T4-10
4	3/4"	12	300T4-12
4	1"	16	300T4-16
4	1.1/4"	20	300T4-20
4	1.1/2"	24	300T4-24
4	2"	32	300T4-32

CAPAS PARA MANGUEIRAS HIDRÁULICAS DE 4 TRAMAS DE AÇO E INTERLOCK



Capas SKIVE p/ Mangueiras 4SH / R12 (4 Tramas)

Capas SKIVE Interlock p/ Mangueiras R15 (6 Tramas)

É necessário descascar a cobertura da mangueira na área de prensagem

É necessário descascar a cobertura da mangueira na área de prensagem

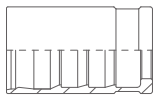
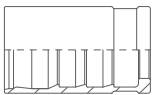
Código 300TS

Código 300T6




Qtde Tramas	Pol.	Bitola	Código
4	3/4"	12	300TS-12
4	1"	16	300TS-16
4	1.1/4"	20	300TS-20
4	1.1/2"	24	300TS-24

Qtde Tramas	Pol.	Bitola	Código
6	3/4"	12	300T6-12
6	1"	16	300T6-16
6	1.1/4"	20	300T6-20
6	1.1/2"	24	300T6-24
6	2"	32	300T6-32



CAPAS PARA MANGUEIRAS TEFLON E TERMOPLÁSTICAS							
							
Capas No SKIVE p/ Mangueiras de Teflon		Capas No SKIVE p/ Mangueiras Termoplásti as SAE 100 R7 e R8					
Não precisa descascar a cobertura da mangueira na área de prensagem		Não precisa descascar a cobertura da mangueira na área de prensagem					
Código 300TF		Código 300R7					
Qtde Tramas	Pol.	Bitola	Código	Qtde Tramas	Pol.	Bitola	Código
1	1/4"	4	300TF-04	1	1/4"	4	300R7-04
1	5/16"	5	300TF-05	1	3/8"	6	300R7-06
1	3/8"	6	300TF-06	1	1/2"	8	300R7-08
1	1/2"	8	300TF-08				
1	5/8"	10	300TF-10				
1	3/4"	12	300TF-12				

CAPAS PARA MANGUEIRAS HIDRÁULICAS TRAÇADO TEXTIL (LONA)							
							
Capas No SKIVE p/ Mangueiras R3		Capas No SKIVE p/ Mangueiras R6					
Não precisa descascar a cobertura da mangueira na área de prensagem		Não precisa descascar a cobertura da mangueira na área de prensagem					
Código 300R3		Código 300R6					
Qtde Tramas	Pol.	Bitola	Código	Qtde Tramas	Pol.	Bitola	Código
2	1"	16	300R3-16	1	3/8"	6	300R6-06
				1	1/2"	8	300R6-08
				1	5/8"	10	300R6-10
				1	3/4"	12	300R6-12
				1	1"	16	300R6-16

MANGUEIRAS HIDRÁULICAS SAE 100 DE 1, 2 E 4 TRAMAS

											
01 Trama de Aço				02 Tramas de Aço				04 Tramas de Aço.			
Código R1AT				Código R2AT				Código 4SH			
Pol.	BAR	PSI	Código	Pol.	BAR	PSI	Código	Pol.	BAR	PSI	Código
1/4"	225	3260	R1AT-04	1/4"	400	5800	R2AT-04	5/8"	350	5075	4SH-10
3/8"	180	2650	R1AT-06	3/8"	330	4785	R2AT-06	3/4"	420	6090	4SH-12
1/2"	160	2320	R1AT-08	1/2"	275	4000	R2AT-08	1"	380	5510	4SH-16
5/8"	130	1880	R1AT-10	5/8"	250	3630	R2AT-10	1.1/4"	325	4715	4SH-20
3/4"	105	1550	R1AT-12	3/4"	215	3120	R2AT-12				
1"	88	1275	R1AT-16	1"	165	2390	R2AT-16				
1.1/4"	63	920	R1AT-20	1.1/4"	125	1820	R2AT-20				
1.1/2"	50	730	R1AT-24	1.1/2"	90	1310	R2AT-24				
2"	50	580	R1AT-32	2"	80	1160	R2AT-32				

MANGUEIRAS HIDRÁULICAS DE 4 E 6 TRAMAS

											
04 Tramas de Aço.				04 Tramas de Aço				06 Tramas de Aço			
Código R12				Código R15				Código R15			
Pol.	BAR	PSI	Código	Pol.	BAR	PSI	Código	Pol.	BAR	PSI	Código
3/8"	280	4060	R12-06	3/4"	420	6090	R15-12	1.1/4"	420	6090	R15-20
1/2"	280	4060	R12-08	1"	420	6090	R15-16				
5/8"	280	4060	R12-10	1.1/4"	420	6090	R15-20				
3/4"	280	4060	R12-12								
1"	280	4060	R12-16								
1.1/4"	210	3045	R12-20								

MANGUEIRAS HIDRÁULICAS DE 1 TRAMA LISA

MANGUEIRAS HIDRÁULICAS DE 1 E 2 TRAMAS LONA



											
01 Trama de Aço Lisa				02 Tramas de Lona				01 Trama de Lona			
Código R17				Código R3				Código R6			
Pol.	BAR	PSI	Código	Pol.	BAR	PSI	Código	Pol.	BAR	PSI	Código
1/4"	210	3040	R17-04	3/8"	78	1131	R3-06	1/4"	28	406	R6-04
3/8"	210	3040	R17-06	3/4"	52	755	R3-12	5/16"	28	406	R6-05
				1"	39	565	R3-16	3/8"	28	406	R6-06
				1.1/4"	26	377	R3-20	1/2"	28	406	R6-08
								5/8"	21	305	R6-10
								3/4"	21	305	R6-12
								1"	20	290	R6-16

Tabela de Prensagem para Mangueiras Hidráulicas

Mangueiras	Capas	Traço	03	04	05	06	08	10	12	16	20	24	32	
		mm	4.8	6.4	7.9	9.5	12.7	15.9	19.0	25.4	31.8	38.1	50.8	
		Bitola	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1.1/4"	1.1/2"	2"	
1SN Uma Trama de Aço	300T1	Código	300T1-04		300T1-05									
		Medidas	17.0		18.3									
	300T2	Código	300T2-04A	300T2-04			300T2-06	300T2-08	300T2-10	300T2-12	300T2-16	300T2-20	300T2-24	300T2-32
		Medidas	16.5	17.9			20.6	23.5	27.0	30.9	39.2	48.6	57.0	69.5
2SN Duas Tramas de Aço	300T2	Código	300T2-04A	300T2-04			300T2-06	300T2-08	300T2-10	300T2-12	300T2-16	300T2-20	300T2-24	300T2-32
		Medidas	17.8	18.8			21.2	23.0	26.5	30.5	38.6	51.0	59.9	72.5
1AT Uma Trama de Aço	300T1	Código	300T1-04		300T1-05									
		Medidas	17.0		18.3									
	300T2	Código	300T2-04A	300T2-04			300T2-06	300T2-08	300T2-10	300T2-12	300T2-16	300T2-20	300T2-24	300T2-32
		Medidas	16.5	17.9			20.5	23.1	26.8	30.8	39.2	48.6	57.0	69.5
2AT Duas Tramas de Aço	300T2	Código	300T2-04A	300T2-04			300T2-06	300T2-08	300T2-10	300T2-12	300T2-16	300T2-20	300T2-24	300T2-32
		Medidas	17.8	18.8			21.2	23.0	26.5	30.5	38.6	51.0	59.9	72.5
R12 Quatro Tramas de Aço	300T4	Código					300T4-06	300T4-08	300T4-10	300T4-12	300T4-16	300T4-20	300T4-24	300T4-32
		Medidas					22.3	25.8	29.1	33.7	41.7	49.0	58.0	71.0
R3	300R3	Código									300R3-16			
		Medidas									41.2			
R6	300R6	Código					300R6-06	300R6-08	300R6-10	300R6-12	300R6-16			
		Medidas					18.7	23.3	26.6	30.4	37.9			
R7	300R7	Código	300R7-04				300R7-06	300R7-08						
		Medidas	14.4				18.1	22.7						
R15	300T6	Código							300T6-12	300T6-16	300T6-20			
		Medidas							34.3	41.7	53.7			
R17 Uma Trama da Aço	300T2	Código	300T2-04A	300T2-04			300T2-06							
		Medidas	16	17.4			20.4							
Teflon	300TF	Código	300TF-04				300TF-06	300TF-08	300TF-10	300TF-12				
		Medidas	13.0				16.4	20.1	23.5	26.5				

Obs: As medidas especificadas nesta tabela referem-se ao diâmetro externo da capa depois de prensada.

* Em algumas marcas de mangueiras, as medidas poderão sofrer alterações, se for o caso, ajustar pelo processo passa / não passa.

Tabela de conversão de medidas

Cód. Multi	JIC	ORFS	BSP	NPT	F3		F6 / F9	
					mm	pol.	mm	pol.
02				1/8"				
04	7/16"	9/16"	1/4"	1/4"				
05	1/2"							
06	9/16"	11/16"	3/8"	3/8"				
08	3/4"	13/16"	1/2"	1/2"	30.2	1.3/16"		
10	7/8"	1"	5/8"	5/8"				
12	1.1/16"	1.3/16"	3/4"	3/4"	38.1	1.1/2"	1.5/8"	41.3
16	1.5/16"	1.7/16"	1"	1"	44.4	1.3/4"	1.7/8"	47.6
20	1.5/8"	1.11/16"	1.1/4"	1.1/4"	50.8	2"	2.1/8"	54
24	1.7/8"	2"	1.1/2"	1.1/2"	60.3	2.3/8"	2.1/2"	63.5
32	2.1/2"		2"	2"	71.4	2.13/16		