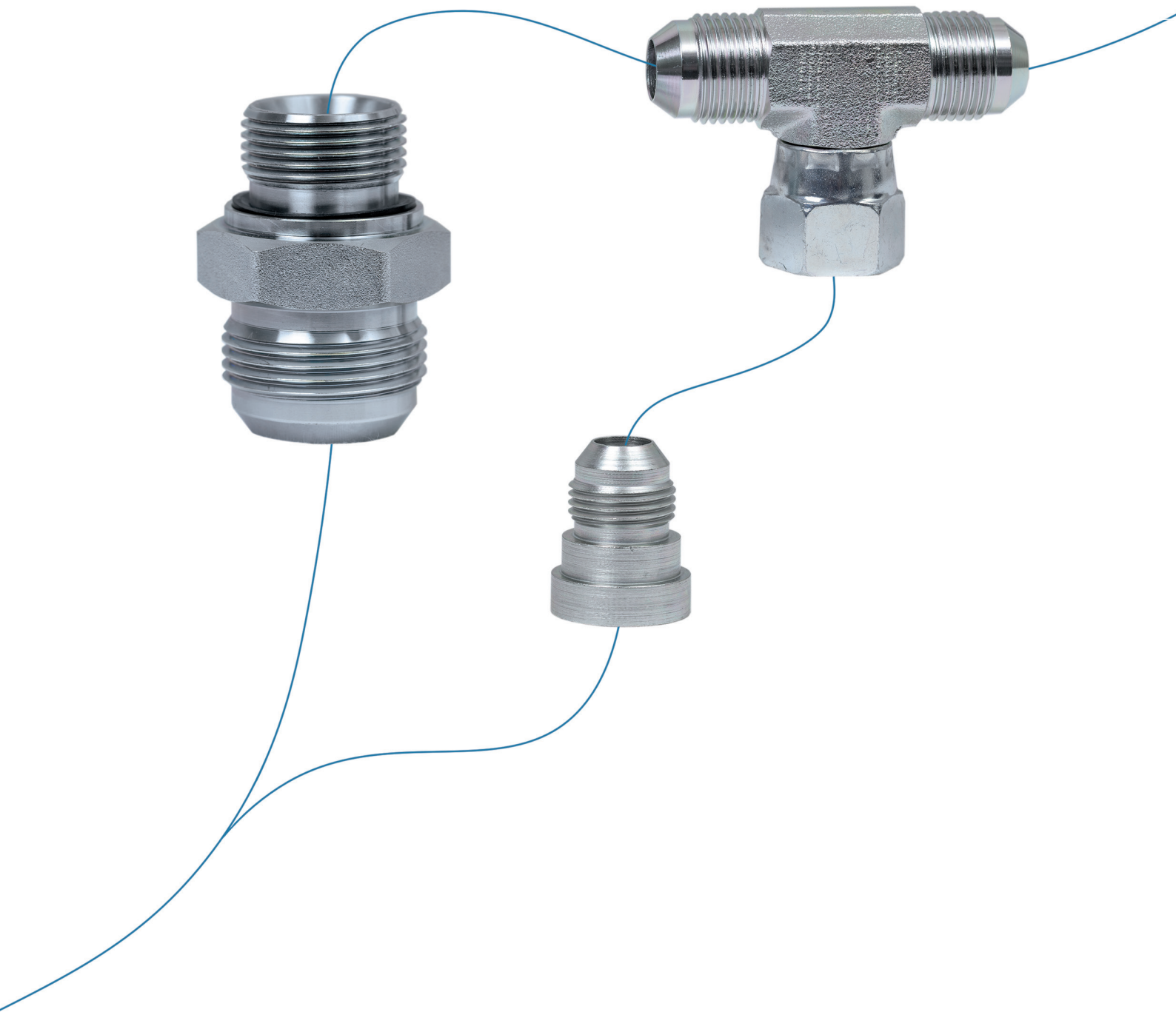
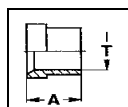


VOSS

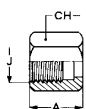
Adaptadores FOR





101000 BICONO JIC

Tubo	A	Código
6	10,5	10100006
8	11,5	10100008
10	12,5	10100010
12	14,5	10100012
14	16,5	10100014
15	16,5	10100015
16	16,5	10100016
18	17	10100018
20	17	10100020
22	19	10100022
25	19,5	10100025
30	23	10100030
32	23	10100032
38	28,5	10100038



101011 TUERCA JIC

Tubo	J	A	CH	Código
6	7/16-20	15,5	14	10101106
8	1/2-20	17	16	10101108
10	9/16-18	18,5	17	10101110
12	3/4-16	21,5	22	10101112
14-16	7/8-14	24,5	27	10101116
18	1"1/16-12	26	32	10101118
20	1"1/16-12	26	32	10101120
22	1"3/16-12	27,5	36	10101122
25	1"5/16-12	28,5	38	10101125
30-32	1"5/8-12	31	50	10101132
38	1"7/8-12	36	57	10101138



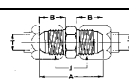
101022 TAPON MACHO JIC

Tubo	J	A	Código
6	1/4	20,5	10102206
8	5/16	20,5	10102208
10	3/8	21,5	10102210
12	1/2	24,5	10102212
14-16	5/8	28	10102216
18-20	3/4	32,5	10102220
22	7/8	33	10102222
25	1"	34	10102225
30-32	1"1/4	37	10102232
38	1"1/2	42	10102238



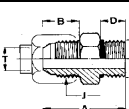
101033 TAPON HEMBRA JIC

Tubo	J	A	Código
6	1/4	18	10103306
8	5/16	20	10103308
10	3/8	22	10103310
12	1/2	24	10103312
14-16	5/8	27	10103316
18-20	3/4	30	10103320
22	7/8	30	10103322
25	1"	31,5	10103325
30-32	1"1/4	33	10103332
38	1"1/2	39	10103338



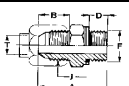
102001 UNION JIC JIC

Tubo		J	A	B	Código
6	1/4	7/16-20	34,5	14	10200106
8	5/16	1/2-20	34,5	14	10200108
10	3/8	9/16-18	35,5	14	10200110
12	1/2	3/4-16	41	17	10200112
14-16	5/8	7/8-14	47,5	19,5	10200116
18-20	3/4	1"1/16-12	55	22	10200120
22	7/8	1"3/16-12	56	22,5	10200122
25	1"	1"5/16-12	57	23	10200125
30-32	1"1/4	1"5/8-12	61,5	24,5	10200132
38	1"1/2	1"7/8-12	69,5	27,5	10200138



102012 RECTO JIC SAE UNF-UN

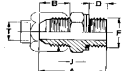
Tubo	J	F	A	B	D	Código	
6 1/4	7/16-20	7/16-20	31	14	9,5	1020120611	
6 1/4	7/16-20	1/2-20	31	14	9,5	1020120612	
6 1/4	7/16-20	9/16-18	33	14	10	1020120614	
8 5/16	1/2-20	1/2-20	31	14	9,5	1020120812	
10 3/8	9/16-18	9/16-18	33	14	10	1020121014	
10 3/8	9/16-18	3/4-16	34,5	14	11,5	1020121019	
12 1/2	3/4-16	3/4-16	37,5	17	11,5	1020121219	
12 1/2	3/4-16	7/8-14	40,5	17	13	1020121222	
12 1/2	3/4-16	1"1/16-12	45	17	15,5	1020121227	
14-16 5/8	7/8-14	3/4-16	40,5	19,5	11,5	1020121619	
14-16 5/8	7/8-14	7/8-14	43	19,5	13	1020121622	
14-16 5/8	7/8-14	1"1/16-12	47,5	19,5	15,5	1020121627	
18-20 3/4	1"1/16-12	3/4-16	45	22	11,5	1020122019	
18-20 3/4	1"1/16-12	7/8-14	46,5	22	13	1020122022	
18-20 3/4	1"1/16-12	1"1/16-12	50	22	15,5	1020122027	
18-20 3/4	1"1/16-12	1"5/16-12	51	22	15,5	1020122033	
22 7/8	1"3/16-12	1"3/16-12	50,5	22,5	15,5	1020122230	
25 1"	1"5/16-12	1"1/16-12	51	23	15,5	1020122527	
25 1"	1"5/16-12	1"5/16-12	52	23	15,5	1020122533	
25 1"	1"5/16-12	1"5/8-12	53,5	23	15,5	1020122541	
30-32 1"1/4	1"5/8-12	1"5/8-12	55	24,5	15,5	1020123241	
38 1"1/2	1"7/8-12	1"7/8-12	60	27,5	15,5	1020123848	



102023 RECTO JIC GAS CILINDRICO CON JUNTA

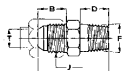
Tubo	J	F	A	B	D	Código	
6 1/4	7/16-20	1/8	29	14	7	1020230610	
6 1/4	7/16-20	1/4	34,5	14	10	1020230613	
6 1/4	7/16-20	3/8	34,5	14	10	1020230617	
6 1/4	7/16-20	1/2	38	14	12	1020230621	
8 5/16	1/2-20	1/8	29	14	7	1020230810	
8 5/16	1/2-20	1/4	34,5	14	10	1020230813	
8 5/16	1/2-20	3/8	34,5	14	10	1020230817	
10 3/8	9/16-18	1/4	34,5	14	10	1020231013	
10 3/8	9/16-18	3/8	34,5	14	10	1020231017	
10 3/8	9/16-18	1/2	38	14	12	1020231021	
12 1/2	3/4-16	1/4	37,5	17	10	1020231213	
12 1/2	3/4-16	3/8	37,5	17	10	1020231217	
12 1/2	3/4-16	1/2	41	17	12	1020231221	
12 1/2	3/4-16	3/4	45	17	14	1020231226	
14-16 5/8	7/8-14	3/8	40,5	19,5	10	1020231617	
14-16 5/8	7/8-14	1/2	43,5	19,5	12	1020231621	
14-16 5/8	7/8-14	3/4	47,5	19,5	14	1020231626	
18-20 3/4	1"1/16-12	1/2	47	22	12	1020232021	
18-20 3/4	1"1/16-12	3/4	50	22	14	1020232026	
18-20 3/4	1"1/16-12	1"	52,5	22	15,5	1020232033	
22 7/8	1"3/16-12	3/4	50,5	22,5	14	1020232226	

Tubo	J	F	A	B	D	Código
25 1"	1"5/16-12	3/4	51	23	14	1020232526
25 1"	1"5/16-12	1"	53,5	23	15,5	1020232533
25 1"	1"5/16-12	1"1/4	57	23	17,5	1020232542
30-32 1"1/4	1"5/8-12	1"	55,5	24,5	15,5	1020233233
30-32 1"1/4	1"5/8-12	1"1/4	58,5	24,5	17,5	1020233242
38 1"1/2	1"7/8-12	1"1/4	61,5	27,5	17,5	1020233842
38 1"1/2	1"7/8-12	1"1/2	65,5	27,5	19,5	1020233848



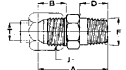
102067 RECTO JIC METRICO CILINDRICO CON JUNTA

Tubo	J	F	A	B	D	Código
6 1/4	7/16-20	10x1	30	14	8	1020670610
6 1/4	7/16-20	12x1,5	33	14	9,5	1020670612
8 5/16	1/2-20	10x1	30	14	8	1020670810
8 5/16	1/2-20	12x1,5	33	14	9,5	1020670812
8 5/16	1/2-20	14x1,5	34	14	9,5	1020670814
10 3/8	9/16-18	14x1,5	34	14	9,5	1020671014
10 3/8	9/16-18	16x1,5	35	14	11	1020671016
12 1/2	3/4-16	16x1,5	38	17	11	1020671216
12 1/2	3/4-16	18x1,5	39,5	17	12	1020671218
14-16 5/8	7/8-14	18x1,5	42	19,5	12	1020671618
14-16 5/8	7/8-14	20x1,5	43	19,5	12	1020671620
14-16 5/8	7/8-14	22x1,5	44,5	19,5	13,5	1020671622
18-20 3/4	1"1/16-12	22x1,5	48	22	13,5	1020672022
18-20 3/4	1"1/16-12	27x2	52	22	16	1020672027
22 7/8	1"3/16-12	26x1,5	49	22,5	13,5	1020672226
25 1"	1"5/16-12	27x2	53	23	16	1020672527
25 1"	1"5/16-12	33x2	54	23	16	1020672533
30-32 1"1/4	1"5/8-12	42x2	58	24,5	16,5	1020673242
38 1"1/2	1"7/8-12	48x2	65,5	27,5	19,5	1020673848



102100 RECTO JIC NPTF

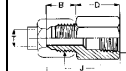
Tubo	J	F	A	B	D	Código
6 1/4	7/16-20	1/8	31	14	10	1021000610
6 1/4	7/16-20	1/4	35,5	14	14,5	1021000613
8 5/16	1/2-20	1/8	31	14	10	1021000810
8 5/16	1/2-20	1/4	35,5	14	14,5	1021000813
10 3/8	9/16-18	1/8	31,5	14	10	1021001010
10 3/8	9/16-18	1/4	36	14	14,5	1021001013
10 3/8	9/16-18	3/8	36	14	14,5	1021001017
10 3/8	9/16-18	1/2	42,5	14	19	1021001021
12 1/2	3/4-16	1/4	39	17	14,5	1021001213
12 1/2	3/4-16	3/8	39	17	14,5	1021001217
12 1/2	3/4-16	1/2	45,5	17	19	1021001221
12 1/2	3/4-16	3/4	47,5	17	19	1021001226
14-16 5/8	7/8-14	3/8	43,5	19,5	14,5	1021001617
14-16 5/8	7/8-14	1/2	48	19,5	19	1021001621
14-16 5/8	7/8-14	3/4	50	19,5	19	1021001626
18-20 3/4	1"1/16-12	1/2	52,5	22	19	1021002021
18-20 3/4	1"1/16-12	3/4	52,5	22	19	1021002026
18-20 3/4	1"1/16-12	1"	57	22	24	1021002033
22 7/8	1"3/16-12	3/4	53	22,5	19	1021002226
25 1"	1"5/16-12	3/4	53,5	23	19	1021002526
25 1"	1"5/16-12	1"	58,5	23	24	1021002533
30-32 1"1/4	1"5/8-12	1"	61,5	24,5	24	1021003233
30-32 1"1/4	1"5/8-12	1"1/4	62	24,5	24,5	1021003242
38 1"1/2	1"7/8-12	1"1/4	67	27,5	24,5	1021003842
38 1"1/2	1"7/8-12	1"1/2	68	27,5	25,5	1021003848



102111 RECTO JIC GAS CONICO

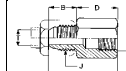
Tubo	J	F	A	B	D	Código
6	7/16-20	1/8	29	14	8	1021110610
6	7/16-20	1/4	33	14	12	1021110613
8	1/2-20	1/8	29	14	8	1021110810
8	1/2-20	1/4	33	14	12	1021110813
10	9/16-18	1/4	33,5	14	12	1021111013
10	9/16-18	3/8	33,5	14	12	1021111017

Tubo	J	F	A	B	D	Código
10	9/16-18	1/2	37,5	14	14	1021111021
12	3/4-16	1/4	36,5	17	12	1021111213
12	3/4-16	3/8	36,5	17	12	1021111217
12	3/4-16	1/2	40,5	17	14	1021111221
14-16 5/8	7/8-14	3/8	41	19,5	12	1021111617
14-16 5/8	7/8-14	1/2	43	19,5	14	1021111621
14-16 5/8	7/8-14	3/4	47	19,5	16	1021111626
18-20 3/4	1"1/16-12	1/2	47,5	22	14	1021112021
18-20 3/4	1"1/16-12	3/4	49,5	22	16	1021112026
18-20 3/4	1"1/16-12	1"	51,5	22	18	1021112033
22 7/8	1"3/16-12	3/4	50	22,5	16	1021112226
25 1"	1"5/16-12	3/4	50,5	23	16	1021112526
25 1"	1"5/16-12	1"	52,5	23	18	1021112533
30-32 1"1/4	1"5/8-12	1"	55,5	24,5	18	1021113233
30-32 1"1/4	1"5/8-12	1"1/4	57,5	24,5	20	1021113242
38 1"1/2	1"7/8-12	1"1/2	62,5	27,5	20	1021113848



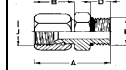
102133 RECTO MACHO JIC HEMBRA NPTF

Tubo	J	F	A	B	D	Código
6 1/4	7/16-20	1/8	30	14	16	1021330610
6 1/4	7/16-20	1/4	35,5	14	21,5	1021330613
8 5/16	1/2-20	1/8	30	14	16	1021330810
8 5/16	1/2-20	1/4	35,5	14	21,5	1021330813
10 3/8	9/16-18	1/4	35,5	14	21,5	1021331013
10 3/8	9/16-18	3/8	36,5	14	22,5	1021331017
12 1/2	3/4-16	1/4	38,5	17	21,5	1021331213
12 1/2	3/4-16	3/8	39,5	17	22,5	1021331217
12 1/2	3/4-16	1/2	45,5	17	28,5	1021331221
14-16 5/8	7/8-14	1/2	48	19,5	28,5	1021331621
18-20 3/4	1"1/16-12	1/2	50,5	22	28,5	1021332021
18-20 3/4	1"1/16-12	3/4	5,5	22	30,5	1021332026
22 7/8	1"3/16-12	3/4	53	22,5	30,5	1021332226
25 1"	1"5/16-12	1"	59,5	23	36,5	1021332533
30-32 1"1/4	1"5/8-12	1"1/4	63	24,5	38,5	1021333242
38 1"1/2	1"7/8-12	1"1/2	66,5	27,5	39	1021333848



102144 RECTO MACHO JIC HEMBRA GAS CILINDRICO

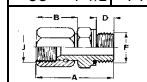
Tubo	J	F	A	B	D	Código
6 1/4	7/16-20	1/8	30	14	16	1021440610
6 1/4	7/16-20	1/4	35,5	14	21,5	1021440613
8 5/16	1/2-20	1/8	30	14	16	1021440810
8 5/16	1/2-20	1/4	35,5	14	21,5	1021440813
10 3/8	9/16-18	1/4	35,5	14	21,5	1021441013
10 3/8	9/16-18	3/8	36,5	14	22,5	1021441017
10 3/8	9/16-18	1/2	42,5	14	28,5	1021441021
12 1/2	3/4-16	1/4	38,5	17	21,5	1021441213
12 1/2	3/4-16	3/8	39,5	17	22,5	1021441217
12 1/2	3/4-16	1/2	45,5	17	28,5	1021441221
14-16 5/8	7/8-14	1/2	48	19,5	28,5	1021441621
18-20 3/4	1"1/16-12	1/2	50,5	22	28,5	1021442021
18-20 3/4	1"1/16-12	3/4	52,5	22	30,5	1021442026
22 7/8	1"3/16-12	3/4	53	22,5	30,5	1021442226
25 1"	1"5/16-12	1"	59,5	23	36,5	1021442533
30-32 1"1/4	1"5/8-12	1"	61	24,5	36,5	1021443233
30-32 1"1/4	1"5/8-12	1"1/4	63	24,5	38,5	1021443242
38 1"1/2	1"7/8-12	1"1/4	66	27,5	38,5	1021443842
38 1"1/2	1"7/8-12	1"1/2	66,5	27,5	39	1021443848



102166 RECTO HEMBRA JIC MACHO SAE UNF-UN

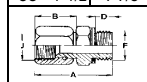
Tubo	J	F	A	B	D	Código
6 1/4	7/16-20	7/16-20	35,5	18,5	9,5	1021660611
6 1/4	7/16-20	1/2-20	35,5	18,5	9,5	1021660612
6 1/4	7/16-20	9/16-18	37,5	18,5	10	1021660614
8 5/16	1/2-20	1/2-20	37,5	20,5	9,5	1021660812
10 3/8	9/16-18	9/16-18	40,5	21,5	10	1021661014
10 3/8	9/16-18	3/4-16	42	21,5	11,5	1021661019

Tubo	J	F	A	B	D	Código
12 1/2	3/4-16	3/4-16	43,5	23	11,5	1021661219
12 1/2	3/4-16	7/8-14	46,5	23	13	1021661222
12 1/2	3/4-16	1"1/16-12	51	23	15,5	1021661227
14-16 5/8	7/8-14	3/4-16	47	26	11,5	1021661619
14-16 5/8	7/8-14	7/8-14	49,5	26	13	1021661622
14-16 5/8	7/8-14	1"1/16-12	54	26	15,5	1021661627
18-20 3/4	1"1/16-12	3/4-16	50,5	27,5	11,5	1021662019
18-20 3/4	1"1/16-12	7/8-14	52	27,5	13	1021662022
18-20 3/4	1"1/16-12	1"1/16-12	55,5	27,5	15,5	1021662027
18-20 3/4	1"1/16-12	1"5/16-12	56,5	27,5	15,5	1021662033
22 7/8	1"3/16-12	1"3/16-12	57	29	15,5	1021662230
25 1"	1"5/16-12	1"1/16-12	58	30	15,5	1021662527
25 1"	1"5/16-12	1"5/16-12	59	30	15,5	1021662533
25 1"	1"5/16-12	1"5/8-12	60,5	30	15,5	1021662541
30-32 1"1/4	1"5/8-12	1"5/8-12	63,5	33	15,5	1021663241
38 1"1/2	1"7/8-12	1"7/8-12	70,5	38	15,5	1021663848



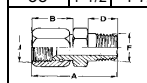
102177 RECTO HEMBRA JIC MACHO GAS CILINDRICO JUNTA

Tubo	J	F	A	B	D	Código
6 1/4	7/16-20	1/8	33,5	18,5	7	1021770610
6 1/4	7/16-20	1/4	39	18,5	10	1021770613
6 1/4	7/16-20	3/8	39	18,5	10	1021770617
8 5/16	1/2-20	1/4	41	20,5	10	1021770813
8 5/16	1/2-20	3/8	41	20,5	10	1021770817
10 3/8	9/16-18	1/4	42	21,5	10	1021771013
10 3/8	9/16-18	3/8	42	21,5	10	1021771017
10 3/8	9/16-18	1/2	45,5	21,5	12	1021771021
12 1/2	3/4-16	1/4	43,5	23	10	1021771213
12 1/2	3/4-16	3/8	43,5	23	10	1021771217
12 1/2	3/4-16	1/2	47	23	12	1021771221
14-16 5/8	7/8-14	3/8	47	26	10	1021771617
14-16 5/8	7/8-14	1/2	50	26	12	1021771621
14-16 5/8	7/8-14	3/4	54	26	14	1021771626
18-20 3/4	1"1/16-12	1/2	52,5	27,5	12	1021772021
18-20 3/4	1"1/16-12	3/4	55,5	27,5	14	1021772026
18-20 3/4	1"1/16-12	1"	58	27,5	15,5	1021772033
25 1"	1"5/16-12	3/4	58	30	14	1021772526
25 1"	1"5/16-12	1"	60,5	30	15,5	1021772533
25 1"	1"5/16-12	1"1/4	64	30	17,5	1021772542
30-32 1"1/4	1"5/8-12	1"	64	33	15,5	1021773233
30-32 1"1/4	1"5/8-12	1"1/4	67	33	17,5	1021773242
38 1"1/2	1"7/8-12	1"1/4	72	38	17,5	1021773842
38 1"1/2	1"7/8-12	1"1/2	76	38	19,5	1021773848



102209 RECTO HEMBRA JIC MACHO METRICO CILIND. JUNTA

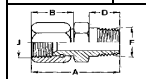
Tubo	J	F	A	B	D	Código
6 1/4	7/16-20	10x1	34,5	18,5	8	1022090610
6 1/4	7/16-20	12x1,5	36,5	18,5	9,5	1022090612
8 5/16	1/2-20	10x1	36,5	20,5	8	1022090810
8 5/16	1/2-20	12x1,5	39	20,5	9,5	1022090812
8 5/16	1/2-20	14x1,5	40	20,5	9,5	1022090814
10 3/8	9/16-18	14x1,5	41	21,5	9,5	1022091014
10 3/8	9/16-18	16x1,5	42,5	21,5	11	1022091016
12 1/2	3/4-16	16x1,5	44	23	11	1022091216
12 1/2	3/4-16	18x1,5	45,5	23	12	1022091218
14-16 5/8	7/8-14	18x1,5	48,5	26	12	1022091618
14-16 5/8	7/8-14	20x1,5	49,5	26	12	1022091620
14-16 5/8	7/8-14	22x1,5	51	26	13,5	1022091622
18-20 3/4	1"1/16-12	22x1,5	53,5	27,5	13,5	1022092022
18-20 3/4	1"1/16-12	27x2	57,5	27,5	16	1022092027
22 7/8	1"3/16-12	26x1,5	55,5	29	13,5	1022092226
25 1"	1"5/16-12	27x2	60	30	16	1022092527
25 1"	1"5/16-12	33x2	61	30	16	1022092533
30-32 1"1/4	1"5/8-12	42x2	66	33	16,5	1022093242
38 1"1/2	1"7/8-12	48x2	76	38	19,5	1022093848



102232 RECTO HEMBRA JIC MACHO NPTF

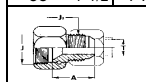
Tubo	J	F	A	B	D	Código
6 1/4	7/16-20	1/8	35,5	18,5	10	1022320610
6 1/4	7/16-20	1/4	40	18,5	14,5	1022320613

Tubo	J	F	A	B	D	Código
8 5/16	1/2-20	1/8	37,5	20,5	10	1022320810
8 5/16	1/2-20	1/4	42	20,5	14,5	1022320813
10 3/8	9/16-18	1/8	39	21,5	10	1022321010
10 3/8	9/16-18	1/4	43,5	21,5	14,5	1022321013
10 3/8	9/16-18	3/8	43,5	21,5	14,5	1022321017
10 3/8	9/16-18	1/2	50	21,5	19	1022321021
12 1/2	3/4-16	1/4	45	23	14,5	1022321213
12 1/2	3/4-16	3/8	45	23	14,5	1022321217
12 1/2	3/4-16	1/2	51,5	23	19	1022321221
12 1/2	3/4-16	3/4	53,5	23	19	1022321226
14-16 5/8	7/8-14	3/8	50	26	14,5	1022321617
14-16 5/8	7/8-14	1/2	54,5	26	19	1022321621
14-16 5/8	7/8-14	3/4	56,5	26	19	1022321626
18-20 3/4	1"1/16-12	1/2	58	27,5	19	1022322021
18-20 3/4	1"1/16-12	3/4	58	27,5	19	1022322026
22 7/8	1"3/16-12	3/4	59,5	29	19	1022322226
25 1"	1"5/16-12	3/4	60,5	30	19	1022322526
25 1"	1"5/16-12	1"	65,5	30	24	1022322533
30-32 1"1/4	1"5/8-12	1"	70	33	24	1022323233
30-32 1"1/4	1"5/8-12	1"1/4	70,5	33	24,5	1022323242
38 1"1/2	1"7/8-12	1"1/2	78,5	38	25,5	1022323848

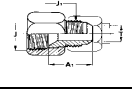


102243 RECTO HEMBRA JIC MACHO GAS CONICO

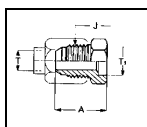
Tubo	J	F	A	B	D	Código
6 1/4	7/16-20	1/4	37,5	18,5	12	1022430613
8 5/16	1/2-20	1/8	35,5	20,5	8	1022430810
8 5/16	1/2-20	1/4	39,5	20,5	12	1022430813
10 3/8	9/16-18	1/4	41	21,5	12	1022431013
10 3/8	9/16-18	3/8	41	21,5	12	1022431017
12 1/2	3/4-16	1/4	42,5	23	12	1022431213
12 1/2	3/4-16	3/8	42,5	23	12	1022431217
12 1/2	3/4-16	1/2	46,5	23	14	1022431221
14-16 5/8	7/8-14	3/8	47,5	26	12	1022431617
14-16 5/8	7/8-14	1/2	49,5	26	14	1022431621
14-16 5/8	7/8-14	3/4	53,5	26	16	1022431626
18-20 3/4	1"1/16-12	1/2	53	27,5	14	1022432021
18-20 3/4	1"1/16-12	3/4	55	27,5	16	1022432026
18-20 3/4	1"1/16-12	1"	57	27,5	18	1022432033
22 7/8	1"3/16-12	3/4	56,5	29	16	1022432226
25 1"	1"5/16-12	3/4	57,5	30	16	1022432526
25 1"	1"5/16-12	1"	59,5	30	18	1022432533
30-32 1"1/4	1"5/8-12	1"1/4	66	33	20	1022433242
38 1"1/2	1"7/8-12	1"1/2	73	38	20	1022433848



102265 RECTO MACHO JIC HEMBRA JIC

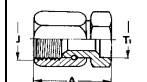


Tubo	J	J1	A	A1	Código
10-6 3/8-1/4	9/16-18	7/16-20	-	24,5	1022651006
10-8 3/8-5/16	9/16-18	1/2-20	24,5	-	1022651008
12-6 1/2-1/4	3/4-16	7/16-20	-	25,5	1022651206
12-8 1/2-5/16	3/4-16	1/2-20	-	25,5	1022651208
12-10 1/2-3/8	3/4-16	9/16-18	-	25,5	1022651210
16-6 5/8-1/4	7/8-14	7/16-20	-	26	1022651606
16-10 5/8-3/8	7/8-14	9/16-18	-	26	1022651610
16-12 5/8-1/2	7/8-14	3/4-16	29	-	1022651612
20-6 3/4-1/4	1"1/16-12	7/16-20	-	27,5	1022652006
20-10 3/4-3/8	1"1/16-12	9/16-18	-	27,5	1022652010
20-12 3/4-1/2	1"1/16-12	3/4-16	-	30,5	1022652012
20-16 3/4-5/8	1"1/16-12	7/8-14	31	-	1022652016
22-20 7/8-3/4	1"3/16-12	1"1/16-12	34	-	1022652220
25-20 1"-3/4	1"5/16-12	1"1/16-12	-	37,5	1022652520
25-22 1"-7/8	1"5/16-12	1"3/16-12	35,5	-	1022652522
32-20 1"1/4-3/4	1"5/8-12	1"1/16-12	-	39	1022653220
32-22 1"1/4-7/8	1"5/8-12	1"3/16-12	-	39,5	1022653222
32-25 1"1/4-1"	1"5/8-12	1"5/16-12	-	40	1022653225
38-32 1"1/2-1"1/4	1"7/8-12	1"5/8-12	-	43	1022653832



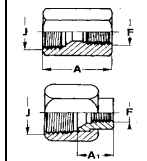
102276 RECTO JIC CON ENCASTE PARA SOLDAR

Tubo	J	A	T1	Código
6 1/4	7/16-20	26	6	1022760606
8 5/16	1/2-20	26	10	1022760810
10 3/8	9/16-18	27,5	10	1022761010
10 3/8	9/16-18	27,5	12	1022761012
12 1/2	3/4-16	29	12	1022761212
12 1/2	3/4-16	29	16	1022761216
12 1/2	3/4-16	29	18	1022761218
14-16 5/8	7/8-14	31,5	16	1022761616
14-16 5/8	7/8-14	31,5	18	1022761618
14-16 5/8	7/8-14	36,5	22	1022761622
18-20 3/4	1"1/16-12	40	18	1022762018
18-20 3/4	1"1/16-12	40	20	1022762020
18-20 3/4	1"1/16-12	40	25	1022762025
25 1"	1"5/16-12	42	25	1022762525
25 1"	1"5/16-12	42	27	1022762527
25 1"	1"5/16-12	42,5	32	1022762532
30-32 1"1/4	1"5/8-12	45	32	1022763232
30-32 1"1/4	1"5/8-12	45	38	1022763238
38 1"1/2	1"7/8-12	50	38	1022763838



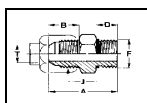
102287 RECTO HEMBRA CON ENCASTE PARA SOLDAR

Tubo	J	A	T1	Código
6 1/4	7/16-20	30,5	6	1022870606
8 5/16	1/2-20	32	10	1022870810
10 3/8	9/16-18	33,5	10	1022871010
10 3/8	9/16-18	33,5	12	1022871012
12 1/2	3/4-16	35	12	1022871212
12 1/2	3/4-16	35	16	1022871216
12 1/2	3/4-16	35	18	1022871218
14-16 5/8	7/8-14	38	16	1022871616
14-16 5/8	7/8-14	38	18	1022871618
14-16 5/8	7/8-14	44	22	1022871622
18-20 3/4	1"1/16-12	45,5	18	1022872018
18-20 3/4	1"1/16-12	45,5	20	1022872020
18-20 3/4	1"1/16-12	45,5	25	1022872025
25 1"	1"5/16-12	50	25	1022872525
25 1"	1"5/16-12	50	27	1022872527
25 1"	1"5/16-12	50	32	1022872532
30-32 1"1/4	1"5/8-12	53,5	32	1022873232
30-32 1"1/4	1"5/8-12	53,5	38	1022873238
38 1"1/2	1"7/8-12	60	38	1022873838



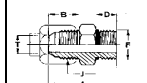
102298 RACOR MANOMETRO HEMBRA JIC HEMBRA GAS CILINDRICO

Tubo	J	F	A	A1	Código
6 1/4	7/16-20	1/4	28,5	-	1022980613
8 5/16	1/2-20	1/4	28,5	-	1022980813
10 3/8	9/16-18	1/4	30	-	1022981013
12 1/2	3/4-16	1/4	32	-	1022981213
14-16 5/8	7/8-14	1/4	-	17	1022981613
18-20 3/4	1"1/16-12	1/4	-	18	1022982013
22 7/8	1"3/16-12	1/4	-	19	1022982213
25 1"	1"5/16-12	1/4	-	20	1022982513
30-32 1"1/4	1"5/8-12	1/4	-	20	1022983213
38 1"1/2	1"7/8-12	1/4	-	24	1022983813



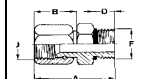
102308 RECTO JIC GAS CILINDRICO CON JUNTA

Tubo	J	F	A	B	D	Código
6 1/4	7/16-20	1/8	29	14	8	1023080610
6 1/4	7/16-20	1/4	34,5	14	12	1023080613
6 1/4	7/16-20	3/8	34,5	14	12	1023080617
6 1/4	7/16-20	1/2	38	14	14	1023080621
8 5/16	1/2-20	1/8	29	14	8	1023080810
8 5/16	1/2-20	1/4	34,5	14	12	1023080813
8 5/16	1/2-20	3/8	34,5	14	12	1023080817
10 3/8	9/16-18	1/4	34,5	14	12	1023081013
10 3/8	9/16-18	3/8	34,5	14	12	1023081017
10 3/8	9/16-18	1/2	38	14	14	1023081021
12 1/2	3/4-16	1/4	37,5	17	12	1023081213
12 1/2	3/4-16	3/8	37,5	17	12	1023081217
12 1/2	3/4-16	1/2	41	17	14	1023081221
12 1/2	3/4-16	3/4	45	17	16	1023081226
14-16 5/8	7/8-14	3/8	40,5	19,5	12	1023081617
14-16 5/8	7/8-14	1/2	43,5	19,5	14	1023081621
14-16 5/8	7/8-14	3/4	47,5	19,5	16	1023081626
18-20 3/4	1"1/16-12	1/2	47	22	14	1023082021
18-20 3/4	1"1/16-12	3/4	50	22	16	1023082026
18-20 3/4	1"1/16-12	1"	52,5	22	18	1023082033
22 7/8	1"3/16-12	3/4	50,5	22,5	16	1023082226
25 1"	1"5/16-12	3/4	51	23	16	1023082526
25 1"	1"5/16-12	1"	53,5	23	18	1023082533
25 1"	1"5/16-12	1"1/4	57	23	20	1023082542
30-32 1"1/4	1"5/8-12	1"	55,5	24,5	18	1023083233
30-32 1"1/4	1"5/8-12	1"1/4	58,5	24,5	20	1023083242
38 1"1/2	1"7/8-12	1"1/4	61,5	27,5	20	1023083842
38 1"1/2	1"7/8-12	1"1/2	65,5	27,5	22	1023083848



102319 RECTO JIC METRICO CILINDRICO CON JUNTA

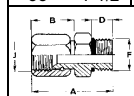
Tubo	J	F	A	B	D	Código
6 1/4	7/16-20	10x1	30	14	9	1023190610
6 1/4	7/16-20	12x1,5	33	14	11	1023190612
8 5/16	1/2-20	10x1	30	14	9	1023190810
8 5/16	1/2-20	15x1,5	33	14	11	1023190812
8 5/16	1/2-20	14x1,5	34	14	11	1023190814
10 3/8	9/16-18	14x1,5	34	14	11	1023191014
10 3/8	9/16-18	16x1,5	35	14	12,5	1023191016
12 1/2	3/4-16	16x1,5	38	17	12,5	1023191216
12 1/2	3/4-16	18x1,5	39,5	17	13,5	1023191218
14-16 5/8	7/8-14	18x1,5	42	19,5	13,5	1023191618
14-16 5/8	7/8-14	22x1,5	44,5	19,5	15	1023191622
18-20 3/4	1"1/16-12	22x1,5	48	22	15	1023192022
18-20 3/4	1"1/16-12	27x2	52	22	18,5	1023192027
25 1"	1"5/16-12	27x2	53	23	18,5	1023192527
25 1"	1"5/16-12	33x2	53	23	18,5	1023192533
30-32 1"1/4	1"5/8-12	42x2	58	24,5	19	1023193242
38 1"1/2	1"7/8-12	48x2	65,5	27,5	22	1023193848



102320 RECTO HEMBRA JIC MACHO GAS CILINDRICO JUNTA

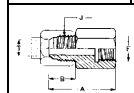
Tubo	J	F	A	B	D	Código
6 1/4	7/16-20	1/8	33,5	18,5	8	1023200610
6 1/4	7/16-20	1/4	39	18,5	12	1023200613
6 1/4	7/16-20	3/8	39	18,5	12	1023200617
8 5/16	1/2-20	1/4	41	20,5	12	1023200813
8 5/16	1/2-20	3/8	41	20,5	12	1023200817
10 3/8	9/16-18	1/4	42	21,5	12	1023201013
10 3/8	9/16-18	3/8	42	21,5	12	1023201017
10 3/8	9/16-18	1/2	45,5	21,5	14	1023201021

Tubo		J	F	A	B	D	Código	
12	1/2	3/4-16	1/4	43,5	23	12	1023201213	
12	1/2	3/4-16	3/8	43,5	23	12	1023201217	
12	1/2	3/4-16	1/2	47	23	14	1023201221	
14-16	5/8	7/8-14	3/8	47	26	12	1023201617	
14-16	5/8	7/8-14	1/2	50	26	14	1023201621	
14-16	5/8	7/8-14	3/4	54	26	16	1023201626	
18-20	3/4	1"1/16-12	1/2	52,5	27,5	14	1023202021	
18-20	3/4	1"1/16-12	3/4	52,5	27,5	16	1023202026	
18-20	3/4	1"1/16-12	1"	58	27,5	18	1023202033	
25	1"	1"5/16-12	3/4	58	30	16	1023202526	
25	1"	1"5/16-12	1"	60,5	30	18	1023202533	
25	1"	1"5/16-12	1"1/4	64	30	20	1023202542	
30-32	1"1/4	1"5/8-12	1"	64	33	18	1023203233	
30-32	1"1/4	1"5/8-12	1"1/4	67	33	20	1023203242	
38	1"1/2	1"7/8-12	1"1/4	72	38	20	1023203842	
38	1"1/2	1"7/8-12	1"1/2	76	38	22	1023203848	



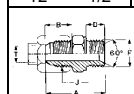
102331 RECTO HEMBRA JIC MACHO METRICO CIL. JUNTA

Tubo		J	F	A	B	D	Código
6	1/4	7/16-20	10x1	34,5	18,5	9	1023310610
6	1/4	7/16-20	12x1,5	36,5	18,5	11	1023310612
8	5/16	1/2-20	10x1	36,5	20,5	9	1023310810
8	5/16	1/2-20	12x1,5	39	20,5	11	1023310812
8	5/16	1/2-20	14x1,5	40	20,5	11	1023310814
10	3/8	9/16-18	14x1,5	41	21,5	11	1023311014
10	3/8	9/16-18	16x1,5	42,5	21,5	12,5	1023311016
12	1/2	3/4-16	16x1,5	44	23	12,5	1023311216
12	1/2	3/4-16	18x1,5	45,5	23	13,5	1023311218
14-16	5/8	7/8-14	18x1,5	48,5	26	13,5	1023311618
14-16	5/8	7/8-14	22x1,5	51	26	15	1023311622
18-20	3/4	1"1/16-12	22x1,5	53,5	27,5	15	1023312022
18-20	3/4	1"1/16-12	27x2	57,5	27,5	18,5	1023312027
25	1"	1"5/16-12	27x2	60	30	18,5	1023312527
25	1"	1"5/16-12	33x2	61	30	18,5	1023312533
30-32	1"1/4	1"5/8-12	42x2	66	33	19	1023313242
38	1"1/2	1"7/8-12	48x2	76	38	22	1023313848



102342 RACOR MANOMETRO MACHO JIC HEMBRA GAS CIL.

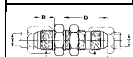
Tubo		J	F	A	B	Código
6	1/4	7/16-20	7/16-20	31	14	1023420613
6	1/4	7/16-20	7/16-20	41	14	1023420621
8	5/16	1/2-20	1/2-20	28	14	1023420813
8	5/16	1/2-20	1/2-20	41	14	1023420821
10	3/8	9/16-18	9/16-18	28	14	1023421013
10	3/8	9/16-18	9/16-18	35	14	1023421021
12	1/2	3/4-16	3/4-16	31	17	1023421213
12	1/2	3/4-16	3/4-16	38	17	1023421221



102353 RACOR JIC GAS CILINDRICO

Tubo		J	F	A	B	D	Código
6	1/4	7/16-20	1/8	29	14	8	1023530610
6	1/4	7/16-20	1/4	34,5	14	12	1023530613
6	1/4	7/16-20	3/8	34,5	14	12	1023530617
6	1/4	7/16-20	1/2	38	14	14	1023530621
8	5/16	1/2-20	1/8	29	14	8	1023530810
8	5/16	1/2-20	1/4	34,5	14	12	1023530813
8	5/16	1/2-20	3/8	34,5	14	12	1023530817
10	3/8	9/16-18	1/4	34,5	14	12	1023531013
10	3/8	9/16-18	3/8	34,5	14	12	1023531017
10	3/8	9/16-18	1/2	38	14	14	1023531021
12	1/2	3/4-16	1/4	37,5	14	12	1023531213
12	1/2	3/4-16	3/8	37,5	17	12	1023531217
12	1/2	3/4-16	1/2	41	17	14	1023531221
12	1/2	3/4-16	3/4	45	17	16	1023531226

Tubo		J	F	A	B	D	Código	
14-16	5/8	7/8-14	3/8	40,5	19,5	12	1023531617	
14-16	5/8	7/8-14	1/2	43,5	19,5	14	1023531621	
14-16	5/8	7/8-14	3/4	47,5	19,5	16	1023531626	
18-20	3/4	1"1/16-12	1/2	47	22	14	1023532021	
18-20	3/4	1"1/16-12	3/4	50	22	16	1023532026	
18-20	3/4	1"1/16-12	1"	52,5	22	18	1023532033	
22	7/8	1"3/16-12	3/4	50,5	22,5	16	1023532226	
25	1"	1"5/16-12	3/4	51	23	16	1023532526	
25	1"	1"5/16-12	1"	53,5	23	18	1023532533	
25	1"	1"5/16-12	1"1/4	57	23	20	1023532542	
30-32	1"1/4	1"5/8-12	1"	55,5	24,5	18	1023533233	
30-32	1"1/4	1"5/8-12	1"1/4	58,5	24,5	20	1023533242	
38	1"1/2	1"7/8-12	1"1/4	61,5	27,5	20	1023533842	
38	1"1/2	1"7/8-12	1"1/2	65,5	27,5	22	1023533848	



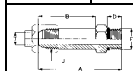
103002 PASATABIQUES JIC JIC

Tubo	J	F	A	B	D	Código
6	1/4	7/16-20	52,5	14	31,5	10300206
8	5/16	1/2-20	52,5	14	31,5	10300208
10	3/8	9/16-18	55,5	14	33,5	10300210
12	1/2	3/4-16	62	17	37,5	10300212
14-16	5/8	7/8-14	69,5	19,5	41	10300216
18-20	3/4	1"1/16-12	78,5	22	45,5	10300220
22	7/8	1"3/16-12	79	22,5	45,5	10300222
25	1"	1"5/16-12	80	23	45,5	10300225
30-32	1"1/4	1"5/8-12	84	24,5	46,5	10300232
38	1"1/2	1"7/8-12	89,5	27,5	47	10300238



103013 PASATABIQUE MACHO JIC HEMBRA NPTF

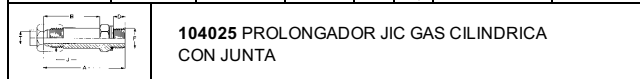
Tubo	J	F	A	B	D	Código	
6 1/4	7/16-20	1/8	47,5	31,5	16	1030130610	
6 1/4	7/16-20	1/4	53	31,5	21,5	1030130613	
8 5/16	1/2-20	1/8	47,5	31,5	16	1030130810	
8 5/16	1/2-20	1/4	53	31,5	21,5	1030130813	
10 3/8	9/16-18	1/8	59,5	33,5	16	1030131010	
10 3/8	9/16-18	1/4	55	33,5	21,5	1030131013	
10 3/8	9/16-18	3/8	56	33,5	22,5	1030131017	
12 1/2	3/4-16	1/4	59	37,5	21,5	1030131213	
12 1/2	3/4-16	3/8	60	37,5	22,5	1030131217	
12 1/2	3/4-16	1/2	66	37,5	28,5	1030131221	
14-16 5/8	7/8-14	1/2	69,5	41	28,5	1030131621	
18-20 3/4	1"1/16-12	1/2	74	45,5	28,5	1030132021	
18-20 3/4	1"1/16-12	3/4	76	45,5	30,5	1030132026	
22 7/8	1"3/16-12	3/4	76	45,5	30,5	1030132226	
25 1"	1"5/16-12	1"	82	45,5	36,5	1030132533	
30-32 1"1/4	1"5/8-12	1"1/4	85	46,5	38,5	1030133242	
38 1"1/2	1"7/8-12	1"1/2	86	47	39	1030133848	



104014 PROLONGADOR JIC SAE UNF-UN

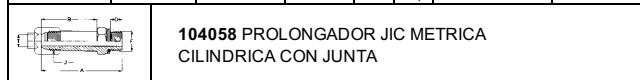
Tubo	J	F	A	B	D	Código	
6	1/4	7/16-20	7/16-20	52,8	35	9,5	1040140611
6	1/4	7/16-20	7/16-20	52,8	3	9,5	1040140612
6	1/4	7/16-20	7/16-20	54,5	35	10	1040140614
8	5/16	1/2-20	1/2-20	54,5	37	9,5	1040140812
10	3/8	9/16-18	9/16-18	58,5	39	10	1040141014
10	3/8	9/16-18	9/16-18	60	39	9,5	1040141019
12	1/2	3/4-16	3/4-16	68,5	48	10	1040141219
12	1/2	3/4-16	3/4-16	71,5	48	11,5	1040141222
12	1/2	3/4-16	3/4-16	76	48	11,5	1040141227
14-16	5/8	7/8-14	7/8-14	74,5	53	13	1040141619
14-16	5/8	7/8-14	7/8-14	77	53	15,5	1040141622
14-16	5/8	7/8-14	7/8-14	81,5	53	11,5	1040141627
18-20	3/4	1"1/16-12	1"1/16-12	86,5	63	13	1040142019
18-20	3/4	1"1/16-12	1"1/16-12	88	63	15,5	1040142022
18-20	3/4	1"1/16-12	1"1/16-12	91,5	63	11,5	1040142027
18-20	3/4	1"1/16-12	1"1/16-12	92,5	63	13	1040142033
22	7/8	1"3/16-12	1"3/16-12	96,5	68	15,5	1040142230

Tubo	J	F	A	B	D	Código
25 1"	1"5/16-12	1"1/16-12	100	72	15,5	1040142527
25 1"	1"5/16-12	1"5/16-12	101	72	15,5	1040142533
25 1"	1"5/16-12	1"5/8-12	102	72	15,5	1040142541
30-32 1"1/4	1"5/8-12	1"5/8-12	119	88	15,5	1040143241
38 1"1/2	1"7/8-12	1"7/8-12	131	98	15,5	1040143848



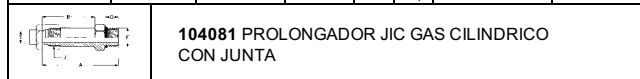
104025 PROLONGADOR JIC GAS CILINDRICA CON JUNTA

Tubo	J	F	A	B	D	Código
6 1/4	7/16-20	1/8	50	35	7	1040250610
6 1/4	7/16-20	1/4	55,5	35	10	1040250613
8 5/16	1/2-20	1/4	57,5	37	10	1040250813
8 5/16	1/2-20	3/8	57,5	37	10	1040250817
10 3/8	9/16-18	1/4	59,5	39	10	1040251013
10 3/8	9/16-18	3/8	59,5	39	10	1040251017
10 3/8	9/16-18	1/2	63	39	12	1040251021
12 1/2	3/4-16	1/4	68,5	48	10	1040251213
12 1/2	3/4-16	3/8	38,5	48	10	1040251217
12 1/2	3/4-16	1/2	72	48	12	1040251221
14-16 5/8	7/8-14	3/8	74	53	10	1040251617
14-16 5/8	7/8-14	1/2	77	53	12	1040251621
14-16 5/8	7/8-14	3/4	81	53	14	1040251626
18-20 3/4	1"1/16-12	1/2	88	63	12	1040252021
18-20 3/4	1"1/16-12	3/4	91	63	14	1040252026
18-20 3/4	1"1/16-12	1"	93,5	63	15,5	1040252033
25 1"	1"5/16-12	3/4	100	72	14	1040252526
25 1"	1"5/16-12	1"	102	72	15,5	1040252533
25 1"	1"5/16-12	1"1/4	106	72	17,5	1040252542
30-32 1"1/4	1"5/8-12	1"	119	88	15,5	1040253233
30-32 1"1/4	1"5/8-12	1"1/4	122	88	17,5	1040253242
38 1"1/2	1"7/8-12	1"1/4	132	98	17,5	1040253842
38 1"1/2	1"7/8-12	1"1/2	136	98	19,5	1040253848



104058 PROLONGADOR JIC METRICA CILINDRICA CON JUNTA

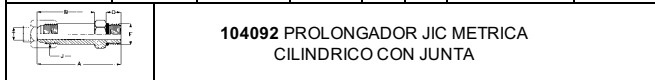
Tubo	J	F	A	B	D	Código
6 1/4	7/16-20	10x1	51	35	8	1040580610
8 5/16	1/2-20	10x1	53	37	8	1040580810
8 5/16	1/2-20	12x1,5	55,5	37	9,5	1040580812
8 5/16	1/2-20	14x1,5	56,5	37	9,5	1040580814
10 3/8	9/16-18	14x1,5	58,5	39	9,5	1040581014
10 3/8	9/16-18	16x1,5	60	39	11	1040581016
12 1/2	3/4-16	16x1,5	69	48	11	1040581216
12 1/2	3/4-16	18x1,5	70,5	48	12	1040581218
14-16 5/8	7/8-14	18x1,5	75,5	53	12	1040581618
14-16 5/8	7/8-14	20x1,5	76,5	53	12	1040581620
14-16 5/8	7/8-14	22x1,5	78	53	13,5	1040581622
18-20 3/4	1"1/16-12	22x1,5	89	63	13,5	1040582022
18-20 3/4	1"1/16-12	27x2	92,5	63	16	1040582027
25 1"	1"5/16-12	27x2	102	72	16	1040582527
25 1"	1"5/16-12	33x2	102,5	72	16	1040582533
30-32 1"1/4	1"5/8-12	42x2	121	88	16,5	1040583242
38 1"1/2	1"7/8-12	48x2	136	98	19,5	1040583848



104081 PROLONGADOR JIC GAS CILINDRICO CON JUNTA

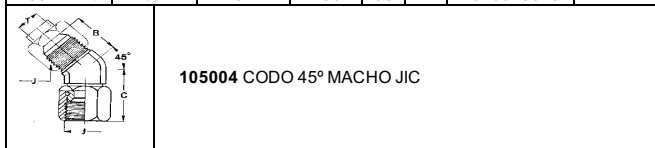
Tubo	J	F	A	B	D	Código
6 1/4	7/16-20	1/8	50	35	8	1040810610
6 1/4	7/16-20	1/4	55,5	35	12	1040810613
8 5/16	1/2-20	1/4	57,5	37	12	1040810813
8 5/16	1/2-20	3/8	57,5	37	12	1040810817
10 3/8	9/16-18	1/4	59,5	39	12	1040811013
10 3/8	9/16-18	3/8	59,5	39	12	1040811017
10 3/8	9/16-18	1/2	63	39	14	1040811021
12 1/2	3/4-16	1/4	68,5	48	12	1040811213
12 1/2	3/4-16	3/8	68,5	48	12	1040811217
12 1/2	3/4-16	1/2	72	48	14	1040811221
14-16 5/8	7/8-14	3/8	74	53	12	1040811617
14-16 5/8	7/8-14	1/2	77	53	14	1040811621
14-16 5/8	7/8-14	3/4	81	53	16	1040811626

Tubo	J	F	A	B	D	Código
18-20 3/4	1"1/16-12	1/2	88	63	14	1040812021
18-20 3/4	1"1/16-12	3/4	91	63	16	1040812026
18-20 3/4	1"1/16-12	1"	93,5	63	18	1040812033
25 1"	1"5/16-12	3/4	100	72	16	1040812526
25 1"	1"5/16-12	1"	102	72	18	1040812533
25 1"	1"5/16-12	1"1/4	106	72	20	1040812542
30-32 1"1/4	1"5/8-12	1"	119	88	18	1040813233
30-32 1"1/4	1"5/8-12	1"1/4	122	88	20	1040813242
38 1"1/2	1"7/8-12	1"1/4	132	98	20	1040813842
38 1"1/2	1"7/8-12	1"1/2	136	98	22	1040813848



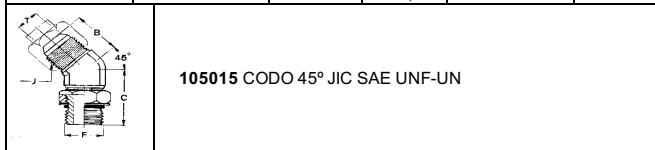
104092 PROLONGADOR JIC METRICA CILINDRICO CON JUNTA

Tubo	J	F	A	B	D	Código
6 1/4	7/16-20	10x1	51	35	9	1040920610
8 5/16	1/2-20	10x1	53	37	9	1040920810
8 5/16	1/2-20	12x1,5	55,5	37	11	1040920812
8 5/16	1/2-20	14x1,5	56,5	37	11	1040920814
10 3/8	9/16-18	14x1,5	58,5	39	11	1040921014
10 3/8	9/16-18	16x1,5	60	39	12,5	1040921016
12 1/2	3/4-16	16x1,5	69	48	12,5	1040921216
12 1/2	3/4-16	18x1,5	70,5	48	13,5	1040921218
14-16 5/8	7/8-14	18x1,5	75,5	53	13,5	1040921618
14-16 5/8	7/8-14	22x1,5	78	53	15	1040921622
18-20 3/4	1"1/16-12	22x1,5	89	63	15	1040922022
18-20 3/4	1"1/16-12	27x2	92,5	63	18,5	1040922027
25 1"	1"5/16-12	27x2	102	72	18,5	1040922527
25 1"	1"5/16-12	33x2	102,5	72	18,5	1040922533
30-32 1"1/4	1"5/8-12	42x2	121	88	19	1040923242
38 1"1/2	1"7/8-12	48x2	136	98	22	1040923848



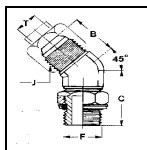
105004 CODO 45° MACHO JIC

Tubo	J	B	C	Código
6 1/4	7/16-20	18	24,5	10500406
8 5/16	1/2-20	19,5	26,5	10500408
10 3/8	9/16-18	21	28,5	10500410
12 1/2	3/4-16	25	32	10500412
14-16 5/8	7/8-14	28	37	10500416
18-20 3/4	1"1/16-12	32,5	38,5	10500420
25 1"	1"5/16-12	37	45	10500425
30-32 1"1/4	1"5/8-12	40,5	51,5	10500432
38 1"1/2	1"7/8-12	45	57,5	10500438



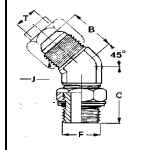
105015 CODO 45° JIC SAE UNF-UN

Tubo	J	F	B	C	Código
6 1/4	7/16-20	7/16-20	18	26,5	1050150611
6 1/4	7/16-20	1/2-20	19,5	26,5	1050150612
8 5/16	1/2-20	1/2-20	19,5	26,5	1050150812
10 3/8	9/16-18	9/16-18	21	29	1050151014
10 3/8	9/16-18	3/4-16	22	33	1050151019
12 1/2	3/4-16	3/4-16	25	33	1050151219
12 1/2	3/4-16	7/8-14	25,5	38,5	1050151222
14-16 5/8	7/8-14	3/4-16	28	35	1050151619
14-16 5/8	7/8-14	7/8-14	28	38,5	1050151622
18-20 3/4	1"1/16-12	3/4-16	32,5	37	1050152019
18-20 3/4	1"1/16-12	7/8-14	32,5	40,5	1050152022
18-20 3/4	1"1/16-12	1"1/16-12	32,5	44	1050152027
25 1"	1"5/16-12	1"1/16-12	37	47	1050152527
25 1"	1"5/16-12	1"5/16-12	37	47	1050152533
30-32 1"1/4	1"5/8-12	1"5/8-12	40,5	48,5	1050153241
38 1"1/2	1"7/8-12	1"7/8-12	45	48,5	1050153848



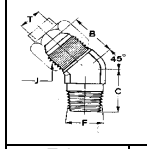
**105026 CODO 45° ORIENTABLE JIC GAS
CILINDRICO JUNTA**

Tubo	J	F	B	C	Código
6 1/4	7/16-20	1/8	18	26,5	1050260610
6 1/4	7/16-20	1/4	21	29	1050260613
6 1/4	7/16-20	3/8	22	33	1050260617
6 1/4	7/16-20	1/2	22,5	38,5	1050260621
8 5/16	1/2-20	1/8	19,5	36,5	1050260810
8 5/16	1/2-20	1/4	21	29	1050260813
8 5/16	1/2-20	3/8	22	33	1050260817
10 3/8	9/16-18	1/4	21	29	1050261013
10 3/8	9/16-18	3/8	22	33	1050261017
10 3/8	9/16-18	1/2	22,5	38,5	1050261021
12 1/2	3/4-16	1/4	25	30	1050261213
12 1/2	3/4-16	3/8	25	33	1050261217
12 1/2	3/4-16	1/2	25,5	38,5	1050261221
12 1/2	3/4-16	3/4	27,5	44	1050261226
14-16 5/8	7/8-14	3/8	28	35	1050261617
14-16 5/8	7/8-14	1/2	28	38,5	1050261621
14-16 5/8	7/8-14	3/4	30	44	1050261626
18-20 3/4	1 1/16-12	1/2	32,5	40,5	1050262021
18-20 3/4	1 1/16-12	3/4	32,5	44	1050262026
25 1"	1 5/16-12	1"	37	47	1050262533
38 1 1/2	1 7/8-12	1 1/2	45	48,5	1050263848



**105037 CODO 45° ORIENTABLE JIC METRICO
CIL. JUNTA**

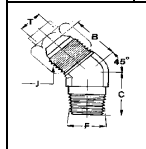
Tubo	J	F	B	C	Código
6 1/4	7/16-20	10x1	18	26,5	1050370610
6 1/4	7/16-20	12x1,5	21	29	1050370612
8 5/16	1/2-20	10x1	19,5	26,5	1050370810
8 5/16	1/2-20	12x1,5	21	29	1050370812
8 5/16	1/2-20	14x1,5	21	29	1050370814
10 3/8	9/16-18	14x1,5	21	29	1050371014
10 3/8	9/16-18	16x1,5	22	33	1050371016
12 1/2	3/4-16	16x1,5	25	33	1050371216
12 1/2	3/4-16	18x1,5	25	33	1050371218
14-16 5/8	7/8-14	18x1,5	28	35	1050371618
14-16 5/8	7/8-14	20x1,5	28	38,5	1050371620
14-16 5/8	7/8-14	22x1,5	28	38,5	1050371622
18-20 3/4	1 1/16-12	22x1,5	32,5	40,5	1050372022
18-20 3/4	1 1/16-12	27x2	32,5	44	1050372027
25 1"	1 5/16-12	27x2	37	47	1050372527
25 1"	1 5/16-12	33x2	37	47	1050372533



105048 CODO 45° JIC NPTF

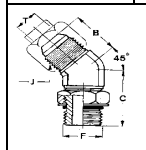
Tubo	J	F	B	C	Código
6 1/4	7/16-20	1/8	18	16	1050480610
6 1/4	7/16-20	1/4	21	21,5	1050480613
8 5/16	1/2-20	1/8	19,5	16	1050480810
8 5/16	1/2-20	1/4	21	21,5	1050480813
10 3/8	9/16-18	1/8	21	17,5	1050481010
10 3/8	9/16-18	1/4	21	21,5	1050481013
10 3/8	9/16-18	3/8	22	24	1050481017
10 3/8	9/16-18	1/2	22,5	29,5	1050481021
12 1/2	3/4-16	1/4	25	24	1050481213
12 1/2	3/4-16	3/8	25	24	1050481217
12 1/2	3/4-16	1/2	25,5	29,5	1050481221
12 1/2	3/4-16	3/4	27,5	30,5	1050481226

Tubo	J	F	B	C	Código
14-16 5/8	7/8-14	3/8	28	24,5	1050481617
14-16 5/8	7/8-14	1/2	28	29,5	1050481621
18-20 3/4	1 1/16-12	1/2	32,5	30,5	1050482021
18-20 3/4	1 1/16-12	3/4	32,5	30,5	1050482026
25 1"	1 5/16-12	3/4	37	32,5	1050482526
25 1"	1 5/16-12	1"	37	37,5	1050482533
30-32 1 1/4	1 5/8-12	1"	40,5	42	1050483233
30-32 1 1/4	1 5/8-12	1 1/4	40,5	42,5	1050483242
38 1 1/2	1 7/8-12	1 1/2	45	45	1050483848



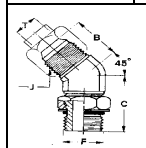
105059 CODO 45° JIC GAS CONICO

Tubo	J	F	B	C	Código
6 1/4	7/16-20	1/4	21	21,5	1050590613
8 5/16	1/2-20	1/4	21	21,5	1050590813
10 3/8	9/16-18	1/4	21	21,5	1050591013
10 3/8	9/16-18	3/8	22	24	1050591017
10 3/8	9/16-18	1/2	22,5	29,5	1050591021
12 1/2	3/4-16	3/8	25	24	1050591217
12 1/2	3/4-16	1/2	25,5	29,5	1050591221
14-16 5/8	7/8-14	3/8	28	24,5	1050591617
14-16 5/8	7/8-14	1/2	28	29,5	1050591621
18-20 3/4	1 1/16-12	3/4	32,5	30,5	1050592026
25 1"	1 5/16-12	1"	37	37,5	1050592533
30-32 1 1/4	1 5/8-12	1 1/4	40,5	42,5	1050593242



**105071 CODO 45° ORIENTABLE JIC GAS
CILINDRICO JUNTA**

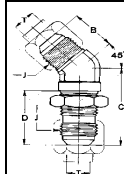
Tubo	J	F	B	C	Código
6 1/4	7/16-20	1/8	18	26,5	1050710610
6 1/4	7/16-20	1/4	21	29	1050710613
6 1/4	7/16-20	3/8	22	33	1050710617
6 1/4	7/16-20	1/2	22,5	38,5	1050710621
8 5/16	1/2-20	1/8	19,5	26,5	1050710810
8 5/16	1/2-20	1/4	21	29	1050710813
8 5/16	1/2-20	3/8	22	33	1050710817
10 3/8	9/16-18	1/4	21	29	1050711013
10 3/8	9/16-18	3/8	22	33	1050711017
10 3/8	9/16-18	1/2	22,5	38,5	1050711021
12 1/2	3/4-16	1/4	25	30	1050711213
12 1/2	3/4-16	3/8	25	33	1050711217
12 1/2	3/4-16	1/2	25,5	38,5	1050711221
12 1/2	3/4-16	3/4	27,5	44	1050711226
14-16 5/8	7/8-14	3/8	28	35	1050711617
14-16 5/8	7/8-14	1/2	28	38,5	1050711621
14-16 5/8	7/8-14	3/4	30	44	1050711626
18-20 3/4	1 1/16-12	1/2	32,5	40,5	1050712021
18-20 3/4	1 1/16-12	3/4	32,5	44	1050712026
25 1"	1 5/16-12	1"	37	47	1050712533
38 1 1/2	1 7/8-12	1 1/2	45	48,5	1050713848



**105082 CODO 45° ORIENTABLE JIC
METRICO CIL. JUNTA**

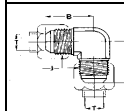
Tubo	J	F	B	C	Código
6 1/4	7/16-20	10x1	18	26,5	1050820610
6 1/4	7/16-20	12x1,5	21	29	1050820612
8 5/16	1/2-20	10x1	19,5	26,5	1050820810
8 5/16	1/2-20	12x1,5	21	29	1050820812
8 5/16	1/2-20	14x1,5	21	29	1050820814
10 3/8	9/16-18	14x1,5	21	29	1050821014

Tubo	J	F	B	C	Código
10 3/8	9/16-18	16x1,5	22	33	1050821016
12 1/2	3/4-16	16x1,5	25	33	1050821216
12 1/2	3/4-16	18x1,5	25	33	1050821218
14-16 5/8	7/8-14	18x1,5	28	35	1050821618
14-16 5/8	7/8-14	22x1,5	28	38,5	1050821622
18-20 3/4	1"1/16-12	22x1,5	32,5	40,5	1050822022
18-20 3/4	1"1/16-12	27x2	32,5	44	1050822027
25 1"	1"5/16-12	27x2	37	47	1050822527
25 1"	1"5/16-12	33x2	37	47	1050822533



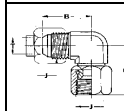
106005 CODO 45° PASATABIQUES JIC JIC

Tubo	J	B	C	D	Código
6 1/4	7/16-20	18	39	28,5	10600506
8 5/16	1/2-20	19,5	39	28,5	10600508
10 3/8	9/16-18	21	42,5	30	10600510
12 1/2	3/4-16	25	49	35	10600512
14-16 5/8	7/8-14	28	55	38,5	10600516
18-20 3/4	1"1/16-12	32,5	62	42,5	10600520
25 1"	1"5/16-12	37	65	42,5	10600525
30-32 1"1/4	1"5/8-12	40,5	37	44	10600532
38 1"1/2	1"7/8-12	45	67,5	44	10600538



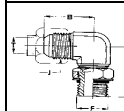
107006 CODO 90° JIC JIC

Tubo	J	B	Código
6 1/4	7/16-20	22,5	10700606
8 5/16	1/2-20	24	10700608
10 3/8	9/16-18	27	10700610
12 1/2	3/4-16	31,5	10700612
14-16 5/8	7/8-14	36,5	10700616
18-20 3/4	1"1/16-12	42	10700620
25 1"	1"5/16-12	46	10700625
30-32 1"1/4	1"5/8-12	52	10700632
38 1"1/2	1"7/8-12	59	10700638



107017 CODO 90° MACHO JIC HEMBRA JIC

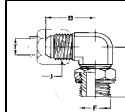
Tubo	J	B	C	Código
6 1/4	7/16-20	22,5	26	10701706
8 5/16	1/2-20	24	28	10701708
10 3/8	9/16-18	27	31	10701710
12 1/2	3/4-16	31,5	35,5	10701712
14-16 5/8	7/8-14	36,5	42	10701716
18-20 3/4	1"1/16-12	42	45,5	10701720
25 1"	1"5/16-12	46	51,5	10701725
30-32 1"1/4	1"5/8-12	52	59	10701732
38 1"1/2	1"7/8-12	59	67	10701738



107028 CODO 90° ORIENTABLE JIC SAE UNF-UN

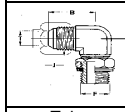
Tubo	J	F	B	C	Código
6 1/4	7/16-20	7/16-20	22,5	26	1070280611
6 1/4	7/16-20	1/2-20	24	27,5	1070280612
6 1/4	7/16-20	9/16-18	27	31,5	1070280614
8 5/16	1/2-20	1/2-20	24	27,5	1070280812
10 3/8	9/16-18	9/16-18	27	31,5	1070281014
10 3/8	9/16-18	3/4-16	28,5	36,5	1070281019

Tubo	J	F	B	C	Código
12 1/2	3/4-16	3/4-16	31,5	36,5	1070281219
12 1/2	3/4-16	7/8-14	34	43	1070281222
12 1/2	3/4-16	1"1/16-12	37	49	1070281227
14-16 5/8	7/8-14	3/4-16	36,5	39,5	1070281619
14-16 5/8	7/8-14	7/8-14	36,5	43	1070281622
14-16 5/8	7/8-14	1"1/16-12	39,5	49	1070281627
18-20 3/4	1"1/16-12	3/4-16	42	42	1070282019
18-20 3/4	1"1/16-12	7/8-14	42	45,5	1070282022
18-20 3/4	1"1/16-12	1"1/16-12	42	49	1070282027
18-20 3/4	1"1/16-12	1"5/16-12	44,5	52	1070282033
25 1"	1"5/16-12	1"1/16-12	46	52	1070282527
25 1"	1"5/16-12	1"5/16-12	46	52	1070282533
25 1"	1"5/16-12	1"5/8-12	51	57	1070282541
30-32 1"1/4	1"5/8-12	1"5/8-12	52	57	1070283241
38 1"1/2	1"7/8-12	1"7/8-12	59	61	1070283848



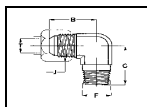
107039 CODO 90° ORIENTABLE JIC GAS CILINDRICO JUNTA

Tubo	J	F	B	C	Código
6 1/4	7/16-20	1/8	22,5	26	1070390610
6 1/4	7/16-20	1/4	27	31,5	1070390613
6 1/4	7/16-20	3/8	28,5	36,5	1070390617
6 1/4	7/16-20	1/2	31	43	1070390621
8 5/16	1/2-20	1/8	24	27,5	1070390810
8 5/16	1/2-20	1/4	27	31,5	1070390813
8 5/16	1/2-20	3/8	28,5	36,5	1070390817
10 3/8	9/16-18	1/4	27	31,5	1070391013
10 3/8	9/16-18	3/8	28,5	36,5	1070391017
10 3/8	9/16-18	1/2	31	43	1070391021
12 1/2	3/4-16	1/4	31,5	33,5	1070391213
12 1/2	3/4-16	3/8	31,5	36,5	1070391217
12 1/2	3/4-16	1/2	34	43	1070391221
12 1/2	3/4-16	3/4	37	49	1070391226
14-16 5/8	7/8-14	3/8	36,5	39,5	1070391617
14-16 5/8	7/8-14	1/2	36,5	43	1070391621
14-16 5/8	7/8-14	3/4	39,5	49	1070391626
18-20 3/4	1"1/16-12	1/2	42	45,5	1070392021
18-20 3/4	1"1/16-12	3/4	42	49	1070392026
18-20 3/4	1"1/16-12	1"	44,5	52	1070392033
22 7/8	1"3/16-12	3/4	44	50,5	1070392226
25 1"	1"5/16-12	3/4	46	52	1070392526
25 1"	1"5/16-12	1"	46	52	1070392533
25 1"	1"5/16-12	1"1/4	51	57	1070392542
30-32 1"1/4	1"5/8-12	1"	52	57	1070393233
30-32 1"1/4	1"5/8-12	1"1/4	52	57	1070393242
38 1"1/2	1"7/8-12	1"1/4	59	61	1070393842
38 1"1/2	1"7/8-12	1"1/2	59	61	1070393848



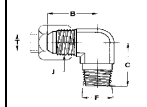
107040 CODO 90° ORIENTABLE JIC METRICO CIL. JUNTA

Tubo	J	F	B	C	Código
6 1/4	7/16-20	10x1	22,5	27,5	1070400610
6 1/4	7/16-20	12x1,5	27	31,5	1070400612
8 5/16	1/2-20	10x1	24	27,5	1070400810
8 5/16	1/2-20	12x1,5	27	31,5	1070400812
8 5/16	1/2-20	14x1,5	27	32,5	1070400814
10 3/8	9/16-18	14x1,5	27	32,5	1070401014
10 3/8	9/16-18	16x1,5	28,5	36,5	1070401016
12 1/2	3/4-16	16x1,5	31,5	36,5	1070401216
12 1/2	3/4-16	18x1,5	31,5	39,5	1070401218
14-16 5/8	7/8-14	18x1,5	36,5	41,5	1070401618
14-16 5/8	7/8-14	20x1,5	36,5	43	1070401620
14-16 5/8	7/8-14	22x1,5	36,5	43	1070401622
18-20 3/4	1"1/16-12	22x1,5	42	45,5	1070402022
18-20 3/4	1"1/16-12	27x2	42	51,5	1070402027
22 7/8	1"3/16-12	26x1,5	44	50,5	1070402226
25 1"	1"5/16-12	27x2	46	55	1070402527
25 1"	1"5/16-12	33x2	46	55	1070402533
30-32 1"1/4	1"5/8-12	42x2	52	60	1070403242
38 1"1/2	1"7/8-12	48x2	59	67	1070403848



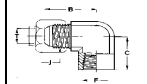
107051 CODO 90° JIC NPTF

Tubo	J	F	B	C	Código
6 1/4	7/16-20	1/8	22,5	19,5	1070510610
6 1/4	7/16-20	1/4	27	27,5	1070510613
8 5/16	1/2-20	1/8	24	19,5	1070510810
8 5/16	1/2-20	1/4	27	27,5	1070510813
10 3/8	9/16-18	1/8	27	23,5	1070511010
10 3/8	9/16-18	1/4	27	27,5	1070511013
10 3/8	9/16-18	3/8	28,5	31	1070511017
10 3/8	9/16-18	1/2	31	37	1070511021
12 1/2	3/4-16	1/4	31,5	31	1070511213
12 1/2	3/4-16	3/8	31,5	31	1070511217
12 1/2	3/4-16	1/2	34	37	1070511221
12 1/2	3/4-16	3/4	37	40,5	1070511226
14-16 5/8	7/8-14	3/8	36,5	32	1070511617
14-16 5/8	7/8-14	1/2	36,5	37	1070511621
14-16 5/8	7/8-14	3/4	39,5	40,5	1070511626
18-20 3/4	1 1/16-12	1/2	42	40,5	1070512021
18-20 3/4	1 1/16-12	3/4	42	40,5	1070512026
25 1"	1 5/8-12	3/4	46	45	1070512526
25 1"	1 5/8-12	1"	46	50	1070512533
30-32 1 1/4	1 5/8-12	1"	52	59	1070513233
30-32 1 1/4	1 5/8-12	1 1/4	52	60	1070513242
38 1 1/2	1 7/8-12	1 1/2	59	67	1070513848



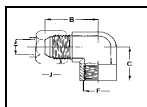
107062 CODO 90° JIC GAS CONICO

Tubo	J	F	B	C	Código
6 1/4	7/16-20	1/8	22,5	19,5	1070620610
6 1/4	7/16-20	1/4	27	27,5	1070620613
8 5/16	1/2-20	1/8	24	19,5	1070620810
8 5/16	1/2-20	1/4	27	27,5	1070620813
10 3/8	9/16-18	1/4	27	27,5	1070621013
10 3/8	9/16-18	3/8	28,5	31	1070621017
10 3/8	9/16-18	1/2	31	37	1070621021
12 1/2	3/4-16	1/4	31,5	31	1070621213
12 1/2	3/4-16	3/8	31,5	31	1070621217
12 1/2	3/4-16	1/2	34	37	1070621221
14-16 5/8	7/8-14	3/8	36,5	32	1070621617
14-16 5/8	7/8-14	1/2	36,5	37	1070621621
14-16 5/8	7/8-14	3/4	39,5	40,5	1070621626
18-20 3/4	1 1/16-12	1/2	42	40,5	1070622021
18-20 3/4	1 1/16-12	3/4	42	40,5	1070622026
18-20 3/4	1 1/16-12	1"	45	50	1070622033
25 1"	1 5/8-12	3/4	46	45	1070622526
25 1"	1 5/8-12	1"	46	50	1070622533
30-32 1 1/4	1 5/8-12	1"	52	59	1070623233
30-32 1 1/4	1 5/8-12	1 1/4	52	60	1070623242
38 1 1/2	1 7/8-12	1 1/2	59	67	1070623848



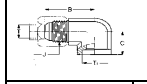
107084 CODO 90° MACHO JIC HEMBRA JIC

Tubo	J	F	B	C	Código
6 1/4	7/16-20	1/8	27	16,5	1070840610
6 1/4	7/16-20	1/4	31	22,5	1070840613
8 5/16	1/2-20	1/8	27	16,5	1070840810
8 5/16	1/2-20	1/4	31	22,5	1070840813
10 3/8	9/16-18	1/8	27	16,5	1070841010
10 3/8	9/16-18	1/4	31	22,5	1070841013
10 3/8	9/16-18	3/8	33	26	1070841017
12 1/2	3/4-16	1/4	32	22,5	1070841213
12 1/2	3/4-16	3/8	36	26	1070841217
12 1/2	3/4-16	1/2	39	31	1070841221
14-16 5/8	7/8-14	1/2	41,5	31	1070841621
18-20 3/4	1 1/16-12	1/2	42	31	1070842021
18-20 3/4	1 1/16-12	3/4	48	34,5	1070842026
25 1"	1 5/8-12	1"	55	41	1070842533
30-32 1 1/4	1 5/8-12	1 1/4	59	43	1070843242



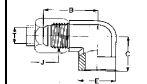
107095 CODO 90° MACHO JIC HEMBRA GAS CILINDRICA

Tubo	J	F	B	C	Código
6 1/4	7/16-20	1/8	27	16,5	1070950610
6 1/4	7/16-20	1/4	31	22,5	1070950613
8 5/16	1/2-20	1/4	27	16,5	1070950810
8 5/16	1/2-20	1/4	31	22,5	1070950813
10 3/8	9/16-18	1/4	31	22,5	1070951013
10 3/8	9/16-18	3/8	33	26	1070951017
12 1/2	3/4-16	1/4	32	22,5	1070951213
12 1/2	3/4-16	3/8	36	26	1070951217
12 1/2	3/4-16	1/2	39	31	1070951221
14-16 5/8	7/8-14	1/2	41,5	31	1070951621
18-20 3/4	1 1/16-12	1/2	42	31	1070952021
18-20 3/4	1 1/16-12	3/4	48	34,5	1070952026
25 1"	1 5/8-12	1"	55	41	1070952533
30-32 1 1/4	1 5/8-12	1"	55	41	1070953233
30-32 1 1/4	1 5/8-12	1 1/4	59	43	1070953242



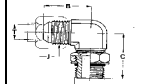
107116 CODO 90° MACHO JIC CON ENCASTE PARA SOLDAR

Tubo	J	B	C	T1	Código
6 1/4	7/16-20	22,5	10,5	6	1071160606
8 5/16	1/2-20	27	16	10	1071160810
10 3/8	9/16-18	27	16	10	1071161010
10 3/8	9/16-18	29	18	12	1071161012
12 1/2	3/4-16	31,5	18	12	1071161212
12 1/2	3/4-16	34	20	16	1071161216
14-16 5/8	7/8-14	36,5	20	14	1071161614
14-16 5/8	7/8-14	36,5	20	16	1071161616
14-16 5/8	7/8-14	40	23	18	1071161618
14-16 5/8	7/8-14	40	23	22	1071161622
18-20 3/4	1 1/16-12	42	23	18	1071162018
18-20 3/4	1 1/16-12	42	23	20	1071162020
18-20 3/4	1 1/16-12	46	26	25	1071162025
25 1"	1 5/8-12	46	26	25	1071162525
25 1"	1 5/8-12	51	33	32	1071162532
30-32 1 1/4	1 5/8-12	52	33	30	1071163230
30-32 1 1/4	1 5/8-12	52	33	32	1071163232
30-32 1 1/4	1 5/8-12	56	35	38	1071163238
38 1 1/2	1 7/8-12	59	35	38	1071163838



107127 CODO 90° JIC SOLDAR

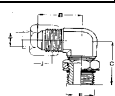
Tubo	J	B	C	E	Código
6 1/4	7/16-20	31	22,5	15	1071270619
8 5/16	1/2-20	31	22,5	15	1071270819
10 3/8	9/16-18	31	22,5	15	1071271019
12 1/2	3/4-16	36	26	20	1071271222
14-16 5/8	7/8-14	41,5	31	23	1071271627
18-20 3/4	1 1/16-12	48	34,5	28	1071272034
22 7/8	1 3/16-12	48	36	34	1071272234
25 1"	1 5/8-12	55	41	35	1071272541
30-32 1 1/4	1 5/8-12	59	43	42	1071273248



107150 CODO 90° ORIENTABLE JIC GAS CILINDRICO JUNTA

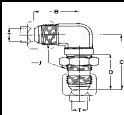
Tubo	J	F	B	C	Código
6 1/4	7/16-20	1/8	22,5	26	1071500610
6 1/4	7/16-20	1/4	27	31,5	1071500613
6 1/4	7/16-20	3/8	28,5	36,5	1071500617
6 1/4	7/16-20	1/2	31	43	1071500621
8 5/16	1/2-20	1/8	24	27,5	1071500810
8 5/16	1/2-20	1/4	27	31,5	1071500813
8 5/16	1/2-20	3/8	28,5	36,5	1071500817
10 3/8	9/16-18	1/4	27	31,5	1071501013
10 3/8	9/16-18	3/8	28,5	36,5	1071501017
10 3/8	9/16-18	1/2	31	43	1071501021
12 1/2	3/4-16	1/4	31,5	33,5	1071501213

Tubo	J	F	B	C	Código
12	1/2	3/4-16	3/8	31,5	1071501217
12	1/2	3/4-16	1/2	34	1071501221
12	1/2	3/4-16	3/4	37	1071501226
14-16	5/8	7/8-14	3/8	36,5	1071501617
14-16	5/8	7/8-14	1/2	36,5	1071501621
14-16	5/8	7/8-14	3/4	39,5	1071501626
18-20	3/4	1"1/16-12	1/2	42	1071502021
18-20	3/4	1"1/16-12	3/4	42	1071502026
18-20	3/4	1"1/16-12	1"	44,5	1071502033
22	7/8	1"3/16-12	3/4	44	1071502226
25	1"	1"5/16-12	3/4	46	1071502526
25	1"	1"5/16-12	1"	46	1071502533
25	1"	1"5/16-12	1"1/4	51	1071502542
30-32	1"1/4	1"5/8-12	1"	52	1071503233
30-32	1"1/4	1"5/8-12	1"1/4	52	1071503242
38	1"1/2	1"7/8-12	1"1/4	59	1071503842
38	1"1/2	1"7/8-12	1"1/2	59	1071503848



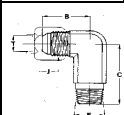
107161 CODO 90° JIC METRICO CILINDRICO CON JUNTA

Tubo	J	F	B	C	Código
6	1/4	7/16-20	01x1	22,5	1071610610
6	1/4	7/16-20	12x1,5	27	1071610612
8	5/16	1/2-20	10x	24	1071610810
8	5/16	1/2-20	12x1,5	27	1071610812
8	5/16	1/2-20	14x1,5	27	1071610814
10	3/8	9/16-18	14x1,5	27	1071611014
10	3/8	9/16-18	16x1,5	28,5	1071611016
12	1/2	3/4-16	16x1,5	31,5	1071611216
12	1/2	3/4-16	18x1,5	31,5	1071611218
14-16	5/8	7/8-14	18x1,5	36,5	1071611618
14-16	5/8	7/8-14	22x1,5	36,5	1071611622
18-20	3/4	1"1/16-12	22x1,5	42	1071612022
18-20	3/4	1"1/16-12	27x2	42	1071612027
25	1"	1"5/16-12	27x2	46	1071612527
25	1"	1"5/16-12	33x2	46	1071612533
30-32	1"1/4	1"5/8-12	42x2	52	1071613242
38	1"1/2	1"7/8-12	48x2	59	1071613848



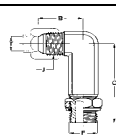
108007 CODO 90° PASATABIQUES JIC JIC

Tubo	J	B	C	D	Código
6	1/4	7/16-20	24,5	40,5	10800706
8	5/16	1/2-20	26	41	10800708
10	3/8	9/16-18	27,5	46	10800710
12	1/2	3/4-16	34,5	53,5	10800712
14-16	5/8	7/8-14	39,5	60,5	10800716
18-20	3/4	1"1/16-12	45	68	10800720
25	1"	1"5/16-12	49	71	10800725
30-32	1"1/4	1"5/8-12	55	79	10800732
38	1"1/2	1"7/8-12	59	87	10800738



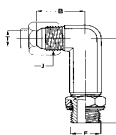
109008 CODO 90° PROLONGADO JIC NPTF

Tubo	J	F	B	C	Código
6	1/4	7/16-20	1/4	27	1090080613
10	3/8	9/16-18	9/16-18	27	1090081013
10	3/8	9/16-18	9/16-18	28,5	1090081017
12	1/2	3/4-16	3/4-16	31,5	1090081217
14-16	5/8	7/8-14	7/8-14	36,5	1090081621
18-20	3/4	1"1/16-12	1"1/16-12	42	1090082026
25	1"	1"5/16-12	1"5/16-12	46	1090082533
30-32	1"1/4	1"5/8-12	1"5/8-12	52	1090083242



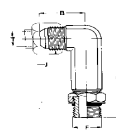
110011 CODO 90° ORIENTABLE PROLONG. JIC GAS CIL. JUNTA

Tubo	J	F	B	C	Código
10	3/8	9/16-18	1/4	27	1100111013
10	3/8	9/16-18	3/8	28,5	1100111017
10	3/8	9/16-18	1/2	31	1100111021
12	1/2	3/4-16	1/4	31,5	1100111213
12	1/2	3/4-16	3/8	31,5	1100111217
12	1/2	3/4-16	1/2	34	1100111221
14-16	5/8	7/8-14	3/8	36,5	1100111617
14-16	5/8	7/8-14	1/2	36,5	1100111621
14-16	5/8	7/8-14	3/4	39,5	1100111626
18-20	3/4	1"1/16-12	1/2	42	1100112021
18-20	3/4	1"1/16-12	3/4	42	1100112026
18-20	3/4	1"1/16-12	1"	44,5	1100112033
25	1"	1"5/16-12	3/4	46	1100112526
25	1"	1"5/16-12	1"	46	1100112533
30-32	1"1/4	1"5/8-12	1"	52	1100113233



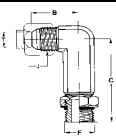
110022 CODO 90° ORIENTAB. PROLONG. JIC METR. CIL. JUNTA

Tubo	J	F	B	C	Código
8	5/16	1/2-20	10x1	24	1100220810
8	5/16	1/2-20	12x1,5	27	1100220812
10	3/8	9/16-18	14x1,5	27	1100221014
10	3/8	9/16-18	16x1,5	28,5	1100221016
12	1/2	3/4-16	18x1,5	31,5	1100221218
14-16	5/8	7/8-14	18x1,5	36,5	1100221618
14-16	5/8	7/8-14	20x1,5	36,5	1100221620
14-16	5/8	7/8-14	22x1,5	36,5	1100221622



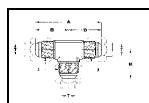
110066 CODO 90° ORIENTAB. PROLONG. JIC GAS CIL. JUNTA

Tubo	J	F	B	C	Código
10	3/8	9/16-18	1/4	27	1100661013
10	3/8	9/16-18	3/8	28,5	1100661017
10	3/8	9/16-18	1/2	31	1100661021
12	1/2	3/4-16	1/4	31,5	1100661213
12	1/2	3/4-16	3/8	31,5	1100661217
12	1/2	3/4-16	1/2	34	1100661221
14-16	5/8	7/8-14	3/8	36,5	1100661617
14-16	5/8	7/8-14	1/2	36,5	1100661621
14-16	5/8	7/8-14	3/4	39,5	1100661626
18-20	3/4	1"1/16-12	1/2	42	1100662021
18-20	3/4	1"1/16-12	3/4	42	1100662026
18-20	3/4	1"1/16-12	1"	44,5	1100662033
25	1"	1"5/16-12	3/4	46	1100662526
25	1"	1"5/16-12	1"	46	1100662533
30-32	1"1/4	1"5/8-12	1"	52	1100663233



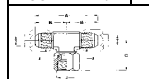
110077 CODO 90° ORIENTAB. PROLONG. JIC METR. CIL. JUNTA

Tubo	J	F	B	C	Código
8	5/16	1/2-20	10x1	24	1100770810
8	5/16	1/2-20	12x1,5	27	1100770812
10	3/8	9/16-18	14x1,5	27	1100771014
10	3/8	9/16-18	16x1,5	28,5	1100771016
12	1/2	3/4-16	18x1,5	31,5	1100771218
14-16	5/8	7/8-14	18x1,5	36,5	1100771618
14-16	5/8	7/8-14	22x1,5	36,5	1100771622



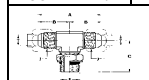
111001 TE MACHO JIC

Tubo	J	A	B	Código
6 1/4	7/16-20	45	22,5	11100106
8 5/16	1/2-20	48	24	11100108
10 3/8	9/16-18	54	27	11100110
12 1/2	3/4-16	63	31,5	11100112
14-16 5/8	7/8-14	73	36,5	11100116
18-20 3/4	1"1/16-12	84	42	11100120
25 1"	1"5/16-12	92	46	11100125
30-32 1"1/4	1"5/8-12	104	52	11100132
38 1"1/2	1"7/8-12	118	59	11100138



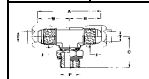
111012 TE MACHO JIC HEMBRA JIC

Tubo	J	A	B	C	Código
6 1/4	7/16-20	45	22,5	26	11101206
8 5/16	1/2-20	48	24	28	11101208
10 3/8	9/16-18	54	27	31	11101210
12 1/2	3/4-16	63	31,5	35,5	11101212
14-16 5/8	7/8-14	73	36,5	42	11101216
18-20 3/4	1"1/16-12	84	42	45,5	11101220
25 1"	1"5/16-12	92	46	51,5	11101225
30-32 1"1/4	1"5/8-12	104	52	59	11101232
38 1"1/2	1"7/8-12	118	59	67	11101238



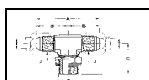
111023 TE ORIENTABLE JIC SAE UNF-UN

Tubo	J	F	A	B	C	Código
6 1/4	7/16-20	7/16-20	45	22,5	26	1110230611
8 5/16	1/2-20	1/2-20	48	24	27,5	1110230812
10 3/8	9/16-18	9/16-20	54	27	31,5	1110231014
12 1/2	3/4-16	3/4-16	63	31,5	36,5	1110231219
14-16 5/8	7/8-14	3/4-16	73	36,5	39,5	1110231622
18-20 3/4	1"1/16-12	1"1/16-12	84	42	49	1110232027
25 1"	1"5/16-12	1"5/16-12	92	46	52	1110232533



111034 TE ORIENTABLE JIC GAS CILINDRICA CON JUNTA

Tubo	J	F	A	B	C	Código
6 1/4	7/16-20	1/8	45	22,5	26	1110340610
6 1/4	7/16-20	1/4	54	27	31,5	1110340613
6 1/4	7/16-20	3/8	57	28,5	36,5	1110340617
6 1/4	7/16-20	1/2	62	31	42	1110340621
8 5/16	1/2-20	1/8	48	24	27,5	1110340810
8 5/16	1/2-20	1/4	54	27	31,5	1110340813
8 5/16	1/2-20	3/8	57	28,5	36,5	1110340817
10 3/8	9/16-18	1/4	54	27	31,5	1110341013
10 3/8	9/16-18	3/8	57	28,5	36,5	1110341017
10 3/8	9/16-18	1/2	62	31	43	1110341021
12 1/2	3/4-16	1/4	63	31,5	33,5	1110341213
12 1/2	3/4-16	3/8	63	31,5	36,5	1110341217
12 1/2	3/4-16	1/2	68	34	43	1110341221
12 1/2	3/4-16	3/4	74	37	49	1110341226
14-16 5/8	7/8-14	3/8	73	36,5	39,5	1110341617
14-16 5/8	7/8-14	1/2	73	36,5	43	1110341621
14-16 5/8	7/8-14	3/4	79	39,5	49	1110341626
18-20 3/4	1"1/16-12	1/2	84	42	45,5	1110342021
18-20 3/4	1"1/16-12	3/4	84	42	49	1110342026
18-20 3/4	1"1/16-12	1"	89	44,5	52	1110342033
25 1"	1"5/16-12	3/4	92	46	52	1110342526
25 1"	1"5/16-12	1"	92	46	52	1110342533
25 1"	1"5/16-12	1"1/4	102	51	57	1110342542
30-32 1"1/4	1"5/8-12	1"	104	52	57	1110343233
30-32 1"1/4	1"5/8-12	1"1/4	104	52	57	1110343242
38 1"1/2	1"7/8-12	1"1/4	118	59	61	1110343842
38 1"1/2	1"7/8-12	1"1/2	118	59	61	1110343848



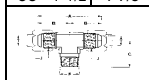
111045 TE ORIENTABLE JIC METRICO CILINDRICO JUNTA

Tubo	J	F	A	B	C	Código
6 1/4	7/16-20	10x1	45	22,5	27,5	1110450610
6 1/4	7/16-20	12x1,5	54	27	31,5	1110450612
8 5/16	1/2-20	12x1,5	54	27	31,5	1110450812
8 5/16	1/2-20	14x1,5	54	27	32,5	1110450814
10 3/8	9/16-18	14x1,5	54	27	32,5	1110451014
10 3/8	9/16-18	16x1,5	57	28,5	36,5	1110451016
12 1/2	3/4-16	16x1,5	63	31,5	36,5	1110451216
12 1/2	3/4-16	18x1,5	63	31,5	39,5	1110451218
14-16 5/8	7/8-14	18x1,5	73	36,5	41,5	1110451618
14-16 5/8	7/8-14	22x1,5	73	36,5	43	1110451622
18-20 3/4	1"1/16-12	22x1,5	84	42	54,5	1110452022
18-20 3/4	1"1/16-12	27x2	84	42	51,5	1110452027
25 1"	1"5/16-12	27x2	92	46	55	1110452527
25 1"	1"5/16-12	33x2	92	46	55	1110452533
30-32 1"1/4	1"5/8-12	42x2	104	52	60	1110453242
38 1"1/2	1"7/8-12	48x2	118	59	67	1110453848



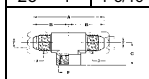
111056 TE JIC NPTF

Tubo	J	F	A	B	C	Código
6 1/4	7/16-20	1/8	45	22,5	19,5	1110560610
6 1/4	7/16-20	1/4	54	27	27,5	1110560613
8 5/16	1/2-20	1/8	48	24	19,5	1110560810
8 5/16	1/2-20	1/4	54	27	27,5	1110560813
10 3/8	9/16-18	1/4	54	27	27,5	1110561013
10 3/8	9/16-18	3/8	57	28,5	31	1110561017
12 1/2	3/4-16	3/8	63	31,5	31	1110561217
12 1/2	3/4-16	1/2	68	34	37	1110561221
14-16 5/8	7/8-14	3/8	73	36,5	32	1110561617
14-16 5/8	7/8-14	1/2	73	36,5	37	1110561621
18-20 3/4	1"1/16-12	3/4	84	42	40,5	1110562026
25 1"	1"5/16-12	1"	92	46	50	1110562533
30-32 1"1/4	1"5/8-12	1"1/4	104	52	60	1110563242
38 1"1/2	1"7/8-12	1"1/2	118	59	67	1110563848



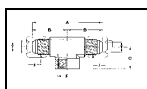
111067 TE JIC GAS CONICO

Tubo	J	F	A	B	C	Código
6 1/4	7/16-20	1/8	45	22,5	19,5	1110670610
6 1/4	7/16-20	1/4	54	27	27,5	1110670613
8 5/16	1/2-20	1/8	48	24	19,5	1110670810
8 5/16	1/2-20	1/4	54	27	27,5	1110670813
10 3/8	9/16-18	1/4	54	27	27,5	1110671013
10 3/8	9/16-18	3/8	57	28,5	31	1110671017
12 1/2	3/4-16	3/8	63	31,5	31	1110671217
12 1/2	3/4-16	1/2	68	34	37	1110671221
14-16 5/8	7/8-14	3/8	73	36,5	32	1110671617
14-16 5/8	7/8-14	1/2	73	36,5	37	1110671621
14-16 5/8	7/8-14	3/4	79	39,5	40,5	1110671626
18-20 3/4	1"1/16-12	1/2	84	42	40,5	1110672021
25 1"	1"5/16-12	1"	92	46	50	1110672533



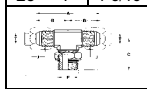
111089 TE MACHO JIC HEMBRA NPTF

Tubo	J	F	A	B	C	Código
6 1/4	7/16-20	1/8	54	27	16,5	1110890610
8 5/16	1/2-20	1/8	54	27	16,5	1110890810
10 3/8	9/16-18	1/4	62	31	22,5	1110891013
12 1/2	3/4-16	3/8	72	36	26	1110891217
14-16 5/8	7/8-14	1/2	83	41,5	31	1110891621
18-20 3/4	1"1/16-12	3/4	96	48	34,5	1110892026
25 1"	1"5/16-12	1"	110	55	41	1110892533
30-32 1"1/4	1"5/8-12	1"1/4	118	59	43	1110893242
38 1"1/2	1"7/8-12	1"1/2	147	73,5	52,5	1110893848



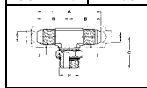
111090 TE MACHO JIC HEMBRA GAS CILINDRICO

Tubo	J	F	A	B	C	Código
6 1/4	7/16-20	1/4	62	31	22,5	1110900613
6 1/4	7/16-20	3/8	66	33	26	1110900617
8 5/16	1/2-20	1/8	54	27	16,5	1110900810
8 5/16	1/2-20	1/4	62	31	22,5	1110900813
10 3/8	9/16-18	1/4	62	31	22,5	1110901013
10 3/8	9/16-18	3/8	66	33	26	1110901017
12 1/2	3/4-16	1/4	64	32	22,5	1110901213
12 1/2	3/4-16	3/8	72	36	26	1110901217
12 1/2	3/4-16	1/2	78	39	31	1110901221
14-16 5/8	7/8-14	1/2	83	41,5	31	1110901621
18-20 3/4	1"1/16-12	1/2	84	52	31	1110902021
18-20 3/4	1"1/16-12	3/4	96	48	34,5	1110902026
25 1"	1"5/16-12	1"	110	55	41	1110902533



111111 TE ORIENTABLE JIC GAS CILINDRICO CON JUNTA

Tubo	J	F	A	B	C	Código
6 1/4	7/16-20	1/8	45	22,5	26	1111110610
6 1/4	7/16-20	1/4	54	27	31,5	1111110613
6 1/4	7/16-20	3/8	57	28,5	36,5	1111110617
6 1/4	7/16-20	1/2	62	31	42	1111110621
8 5/16	1/2-20	1/8	48	24	27,5	1111110810
8 5/16	1/2-20	1/4	54	27	31,5	1111110813
8 5/16	1/2-20	3/8	57	28,5	36,5	1111110817
10 3/8	9/16-18	1/4	54	27	31,5	1111111013
10 3/8	9/16-18	3/8	57	28,5	36,5	1111111017
10 3/8	9/16-18	1/2	62	31	43	1111111021
12 1/2	3/4-16	1/4	63	31,5	33,5	1111111213
12 1/2	3/4-16	3/8	63	31,5	36,5	1111111217
12 1/2	3/4-16	1/2	68	34	43	1111111221
12 1/2	3/4-16	3/4	74	37	49	1111111226
14-16 5/8	7/8-14	3/8	73	36,5	39,5	1111111617
14-16 5/8	7/8-14	1/2	73	36,5	43	1111111621
14-16 5/8	7/8-14	3/4	79	39,5	49	1111111626
18-20 3/4	1"1/16-12	1/2	84	42	45,5	1111112021
18-20 3/4	1"1/16-12	3/4	84	42	49	1111112026
18-20 3/4	1"1/16-12	1"	89	44,5	52	1111112033
25 1"	1"5/16-12	3/4	92	46	52	1111112526
25 1"	1"5/16-12	1"	92	46	52	1111112533
25 1"	1"5/16-12	1"1/4	102	51	57	1111112542
30-32 1"1/4	1"5/8-12	1"	104	52	57	1111113233
30-32 1"1/4	1"5/8-12	1"1/4	104	52	57	1111113242
38 1"1/2	1"7/8-12	1"1/4	118	59	61	1111113842
38 1"1/2	1"7/8-12	1"1/2	118	59	61	1111113848



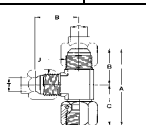
111122 TE ORIENTABLE JIC METRICO CILINDRICO CON JUNTA

Tubo	J	F	A	B	C	Código
6 1/4	7/16-20	10x1	45	22,5	27,5	1111220610
6 1/4	7/16-20	12x1,5	54	27	31,5	1111220612
8 5/16	1/2-20	12x1,5	54	27	31,5	1111220812
8 5/16	1/2-20	14x1,5	54	27	32,5	1111220814
10 3/8	9/16-18	14x1,5	54	27	32,5	1111221014
10 3/8	9/16-18	16x1,5	57	28,5	36,5	1111221016
12 1/2	3/4-16	16x1,5	63	31,5	36,5	1111221216
12 1/2	3/4-16	18x1,5	63	31,5	39,5	1111221218
14-16 5/8	7/8-14	18x1,5	73	36,5	41,5	1111221618
14-16 5/8	7/8-14	22x1,5	73	36,5	43	1111221622
18-20 3/4	1"1/16-12	22x1,5	84	42	45,5	1111222022
18-20 3/4	1"1/16-12	27x2	84	42	51,5	1111222027
25 1"	1"5/16-12	27x2	92	46	55	1111222527
25 1"	1"5/16-12	33x2	92	46	55	1111222533
30-32 1"1/4	1"5/8-12	42x2	104	52	60	1111223242
38 1"1/2	1"7/8-12	48x2	118	59	67	1111223848



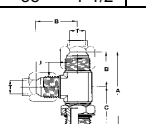
112002 TE PASATABIQUES MACHO JIC

Tubo	J	A	B	C	D	Código
6 1/4	7/16-20	49	24,5	40,5	28,5	11200206
8 5/16	1/2-20	52	26	41	28,5	11200208
10 3/8	9/16-18	55	27,5	46	30	11200210
12 1/2	3/4-16	69	34,5	53,5	35	11200212
14-16 5/8	7/8-14	76	39,5	60,5	38,5	11200216
18-20 3/4	1"1/16-12	90	45	68	42,5	11200220



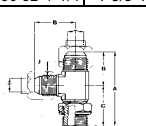
113003 TE EN L MACHO JIC HEMBRA JIC

Tubo	J	A	B	C	Código
6 1/4	7/16-20	48,5	22,5	26	11300306
8 5/16	1/2-20	52	24	28	11300308
10 3/8	9/16-18	58	27	31	11300310
12 1/2	3/4-16	67	31,5	35,5	11300312
14-16 5/8	7/8-14	78,5	36,5	42	11300316
18-20 3/4	1"1/16-12	87,5	42	45,5	11300320
25 1"	1"5/16-12	97,5	46	51,5	11300325
30-32 1"1/4	1"5/8-12	111	52	59	11300332
38 1"1/2	1"7/8-12	126	59	67	11300338



113014 TE ORIENTABLE EN L JIC SAE UNF-UN

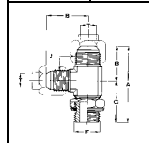
Tubo	J	F	A	B	C	Código
6 1/4	7/16-20	7/16-20	48,5	22,5	7/16-20	1130140611
8 5/16	1/2-20	1/2-20	51,5	24	1/4	1130140812
10 3/8	9/16-18	9/16-18	58,5	27	7/16-20	1130141014
10 3/8	9/16-18	3/4-16	65	28,5	1/4	1130141019
12 1/2	3/4-16	3/4-16	68	31,5	7/16-20	1130141219
14-16 5/8	7/8-14	7/8-14	79,5	42	7/16-20	1130141622
18-20 3/4	1"1/16-12	7/8-14	87,5	42	1/4	1130142022
18-20 3/4	1"1/16-12	1"1/16-12	91	44,5	7/16-20	1130142027
18-20 3/4	1"1/16-12	1"5/16-12	96,598	44	1/4	1130142033
25 1"	1"5/16-12	1"1/16-12	98	46	1/4	1130142527
25 1"	1"5/16-12	1"5/16-12	98	46	7/16-20	1130142533
30-32 1"1/4	1"5/8-12	1"5/8-12	109	52	7/16-20	1130143241



113025 TE ORIENTABLE EN L JIC GAS CILINDRICO CON JUNTA

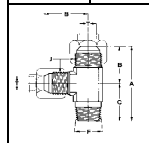
Tubo	J	F	A	B	C	Código
6 1/4	7/16-20	1/8	48,5	22,5	26	1130250610
6 1/4	7/16-20	1/4	58,5	27	31,5	1130250613
6 1/4	7/16-20	3/8	65	28,5	36,5	1130250617
8 5/16	1/2-20	1/8	51,5	24	27,5	1130250810
8 5/16	1/2-20	1/4	58,5	27	31,5	1130250813
8 5/16	1/2-20	3/8	65	28,5	36,5	1130250817
10 3/8	9/16-18	1/4	58,5	27	31,5	1130251013
10 3/8	9/16-18	3/8	65	28,5	36,5	1130251017
10 3/8	9/16-18	1/2	74	31	43	1130251021
12 1/2	3/4-16	1/4	65	31,5	33,5	1130251213
12 1/2	3/4-16	3/8	68	31,5	36,5	1130251217
12 1/2	3/4-16	1/2	77	34	43	1130251221
12 1/2	3/4-16	3/4	86	37	49	1130251226
14-16 5/8	7/8-14	3/8	76	36,5	39,5	1130251617

Tubo	J	F	A	B	C	Código
14-16 5/8	7/8-14	1/2	79,5	36,5	43	1130251621
14-16 5/8	7/8-14	3/4	88,5	39,5	49	1130251626
18-20 3/4	1"1/16-12	1/2	87,5	42	45,5	1130252021
18-20 3/4	1"1/16-12	3/4	91	42	49	1130252026
18-20 3/4	1"1/16-12	1"	96,5	44,5	52	1130252033
25 1"	1"5/16-12	3/4	98	46	52	1130252526
25 1"	1"5/16-12	1"	98	46	52	1130252533
25 1"	1"5/16-12	1"1/4	108	51	57	1130252542
30-32 1"1/4	1"5/8-12	1"	109	52	57	1130253233
30-32 1"1/4	1"5/8-12	1"1/4	109	52	57	1130253242
38 1"1/2	1"7/8-12	1"1/4	120	59	61	1130253842
38 1"1/2	1"7/8-12	1"1/2	120	59	61	1130253848



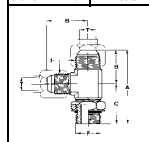
**113036 TE ORIENTABLE EN L JIC METRICO
CIL. CON JUNTA**

Tubo	J	F	A	B	C	Código
6 1/4	7/16-20	10x1	48,5	22,5	27,5	1130360610
6 1/4	7/16-20	12x1,5	58,5	27	31,5	1130360612
8 5/16	1/2-20	10x1	51,5	24	27,5	1130360810
8 5/16	1/2-20	12x1,5	58,5	27	31,5	1130360812
10 3/8	9/16-18	14x1,5	58,5	27	32,5	1130361014
10 3/8	9/16-18	16x1,5	65	28,5	36,5	1130361016
12 1/2	3/4-16	16x1,5	68	31,5	36,5	1130361216
12 1/2	3/4-16	18x1,5	68	31,5	39,5	1130361218
14-16 5/8	7/8-14	18x1,5	76	36,5	41,5	1130361618
14-16 5/8	7/8-14	22x1,5	79,5	36,5	43	1130361622
18-20 3/4	1"1/16-12	27x2	91	42	51,5	1130362027
25 1"	1"5/16-12	27x2	98	46	55	1130362527
25 1"	1"5/16-12	33x2	98	46	55	1130362533
30-32 1"1/4	1"5/8-12	42x2	109	52	60	1130363242
38 1"1/2	1"7/8-12	48x2	120	59	67	1130363848



113047 TE ORIENTABLE EN L JIC NPTF

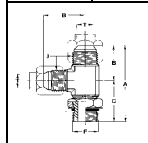
Tubo	J	F	A	B	C	Código
6 1/4	7/16-20	1/8	42	22,5	19,5	1130470610
6 1/4	7/16-20	1/4	54,5	27	27,5	1130470613
8 5/16	1/2-20	1/8	43,5	24	19,5	1130470810
8 5/16	1/2-20	1/4	54,5	27	27,5	1130470813
10 3/8	9/16-18	1/4	54,5	27	27,5	1130471013
12 1/2	3/4-16	3/8	62,5	31,5	31	1130471217
12 1/2	3/4-16	1/2	71	34	37	1130471221
14-16 5/8	7/8-14	1/2	73,5	36,5	37	1130471621
18-20 3/4	1"1/16-12	3/4	82,5	42	40,5	1130472026
25 1"	1"5/16-12	1"	96	46	50	1130472533
30-32 1"1/4	1"5/8-12	1"1/4	112	52	60	1130473242



**113102 TE ORIENTABLE EN L JIC GAS
CILINDRICO JUNTA**

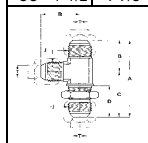
Tubo	J	F	A	B	C	Código
6 1/4	7/16-20	1/8	48,5	22,5	26	1131020610
6 1/4	7/16-20	1/4	58,5	27	31,5	1131020613
6 1/4	7/16-20	3/8	65	28,5	36,5	1131020617
8 5/16	1/2-20	1/8	51,5	24	27,5	1131020810
8 5/16	1/2-20	1/4	58,5	27	31,5	1131020813
8 5/16	1/2-20	3/8	65	28,5	36,5	1131020817
10 3/8	9/16-18	1/4	58,5	27	31,5	1131021013
10 3/8	9/16-18	3/8	65	28,5	36,5	1131021017
10 3/8	9/16-18	1/2	74	31	43	1131021021
12 1/2	3/4-16	1/4	65	31,5	33,5	1131021213
12 1/2	3/4-16	3/8	68	31,5	36,5	1131021217
12 1/2	3/4-16	1/2	77	34	43	1131021221
12 1/2	3/4-16	3/4	86	37	49	1131021226
14-16 5/8	7/8-14	3/8	76	36,5	39,5	1131021617

Tubo	J	F	A	B	C	Código
14-16 5/8	7/8-14	1/2	79,5	36,5	43	1131021621
14-16 5/8	7/8-14	3/4	88,5	39,5	49	1131021626
18-20 3/4	1"1/16-12	1/2	87,5	42	45,5	1131022021
18-20 3/4	1"1/16-12	3/4	91	42	49	1131022026
18-20 3/4	1"1/16-12	1"	96,5	44,5	52	1131022033
25 1"	1"5/16-12	3/4	98	46	52	1131022526
25 1"	1"5/16-12	1"	98	46	52	1131022533
25 1"	1"5/16-12	1"1/4	108	51	57	1131022542
30-32 1"1/4	1"5/8-12	1"	109	52	57	1131023233
30-32 1"1/4	1"5/8-12	1"1/4	109	52	57	1131023242
38 1"1/2	1"7/8-12	1"1/4	120	59	61	1131023842
38 1"1/2	1"7/8-12	1"1/2	120	59	61	1131023848



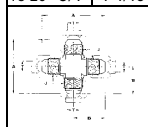
**113113 TE ORIENTABLE EN L JIC METRICO
CILINDRICO JUNTA**

Tubo	J	F	A	B	C	Código
6 1/4	7/16-20	10x1	48,5	22,5	27,5	1131130610
6 1/4	7/16-20	12x1,5	58,5	27	31,5	1131130612
8 5/16	1/2-20	10x1	51,5	24	27,5	1131130810
8 5/16	1/2-20	12x1,5	58,5	27	31,5	1131130812
10 3/8	9/16-18	16x1,5	65	28,5	36,5	1131131016
12 1/2	3/4-16	16x1,5	68	31,5	36,5	1131131216
12 1/2	3/4-16	18x1,5	68	31,5	39,5	1131131218
14-16 5/8	7/8-14	18x1,5	76	36,5	41,5	1131131618
14-16 5/8	7/8-14	22x1,5	79,5	36,5	43	1131131622
18-20 3/4	1"1/16-12	27x2	91	42	51,5	1131132027
25 1"	1"5/16-12	27x2	98	46	55	1131132527
25 1"	1"5/16-12	33x2	98	46	55	1131132533
30-32 1"1/4	1"5/8-12	42x2	109	52	60	1131133242
38 1"1/2	1"7/8-12	48x2	120	59	67	1131133848



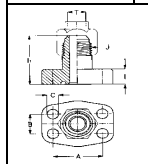
114004 TE EN L PASATABIQUE MACHO JIC

Tubo	J	A	B	C	D	Código
6 1/4	7/16-20	65	24,5	40,5	28,5	11400406
8 5/16	1/2-20	67	26	41	28,5	11400408
10 3/8	9/16-18	73,5	27,5	46	30	11400410
12 1/2	3/4-16	88	34,5	53,5	35	11400412
14-16 5/8	7/8-14	100	39,5	60,5	38,5	11400416
18-20 3/4	1"1/16-12	113	45	68	42,5	11400420



115005 CRUZ MACHO JIC

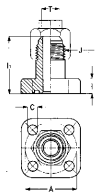
Tubo	F	A	B	Código
6 1/4	7/16-20	45	22,5	11500506
8 5/16	1/2-20	48	24	11500508
10 3/8	9/16-18	54	27	11500510
12 1/2	3/4-16	63	31,5	11500512
14-16 5/8	7/8-14	73	36,5	11500516
18-20 3/4	1"1/16-12	84	42	11500520
25 1"	1"5/16-12	92	46	11500525
30-32 1"1/4	1"5/8-12	104	52	11500532



402008 MANGUITO SAE JIC STANDARD

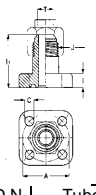
D.N.	Tubo	A	B	C	J	I	I1	Código
1/2	12 1/2	38,10	17,48	9	3/4-16	14	41	4020081212
1/2	14-16 5/8	38,10	17,48	9	7/8-14	14	44	4020081216
1/2	18-20 3/4	38,10	17,48	9	1"1/16-12	14	46	4020081220
3/4	14-16 5/8	47,63	22,23	11	4/8-14	15	47	4020081916

D.N.	Tubo	A	B	C	J	I	I1	Código
3/4	18-20 3/4	47,63	22,23	11	1"1/16-12	15	49	4020081920
3/4	25 1"	47,63	22,23	11	1"5/16-12	15	50	4020081925
1"	18-20 3/4	52,37	26,19	11	1"1/16-12	17	51	4020082520
1"	25 1"	52,37	26,19	11	1"5/16-12	17	52	4020082525
1"	30-32 1"1/4	52,37	26,19	11	1"5/8-12	17	54	4020082532
1"1/4	25 1"	58,72	30,18	11,5	1"5/16-12	21	56	4020083225
1"1/4	30-32 1"1/4	58,72	30,18	11,5	1"5/8-12	21	58	4020083232
1"1/4	38 1"1/2	58,72	30,18	11,5	1"7/8-12	21	61	4020083238
1"1/2	30-32 1"1/4	69,85	35,71	13,5	1"5/8-12	24	64	4020083832
1"1/2	38 1"1/2	69,85	35,71	13,5	1"7/8-12	24	67	4020083838



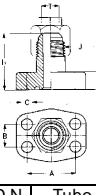
402130 MANGUITO MACHO JIC STANDARD

D.N.	Tubo	A	C	J	I	I2	Código
10	10 3/8	26	5,5	9/16-18	7	30	4021301010
12	10 3/8	30	7	9/16-18	9	35	4021301210
12	12 1/2	30	7	3/4-16	9	35	4021301212
15	12 1/2	35	7	3/4-16	10	38	4021301512
15	14-16 5/8	35	7	7/8-16	10	40	4021301516
20	12 1/2	40	7	3/4-16	12	41	4021302012
20	14-16 5/8	40	7	7/8-16	12	43	4021302016
20	18-20 3/4	40	7	1"1/16-12	12	45	4021302020
26	18-20 3/4	55	9	1"1/16-12	16	51	4021302620
26	22 7/8	55	9	1"3/16-12	16	52	4021302622
26	25 1"	55	9	1"5/16-12	16	52	4021302625



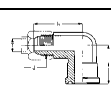
402131 MANGUITO MACHO JIC REFORZADO

D.N.	Tubo	A	C	J	I	I2	Código
12	10 3/8	30	8,5	9/16-18	9	35	4021311210
12	12 1/2	30	8,5	3/4-16	9	35	4021311212
15	12 1/2	35	8,5	3/4-16	10	38	4021311512
15	14-16 5/8	35	8,5	7/8-14	10	40	4021311516
20	12 1/2	40	8,5	3/4-16	12	41	4021312012
20	14-16 5/8	40	8,5	7/8-14	12	43	4021312016
20	18-20 3/4	40	8,5	1"1/16-12	12	45	4021312020
25	18-20 3/4	51	11	1"1/16-12	16	51	4021312520
25	22 7/8	51	11	1"3/16-12	16	52	4021312522
25	25 1"	51	11	1"5/16-12	16	52	4021312525



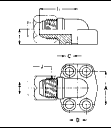
402503 MANGUITO SAE JIC REFORZADO

D.N.	Tubo	A	B	C	J	I	I1	Código
1/2	12 1/2	40,49	18,24	9	3/4-16	15	42	4025031212
1/2	14-16 5/8	40,49	18,24	9	7/8-14	15	45	4025031216
1/2	18-20 3/4	40,49	18,24	9	1"1/16-12	15	47	4025031220
3/4	14-16 5/8	50,80	23,80	11	7/8-14	17	49	4025031916
3/4	18-20 3/4	50,80	23,80	11	1"1/16-12	17	51	4025031920
3/4	25 1"	50,80	23,80	11	1"5/16-12	17	52	4025031925
1"	18-20 3/4	57,15	27,76	13	1"1/16-12	21	58	4025032520
1"	25 1"	57,15	27,76	13	1"5/16-12	21	59	4025032525
1"	30-32 1"1/4	57,15	27,76	13	1"5/8-12	21	61	4025032532
1"1/4	25 1"	66,68	31,75	15	1"5/16-12	24	64	4025033225
1"1/4	30-32 1"1/4	66,68	31,75	15	1"5/8-12	24	66	4025033232
1"1/4	38 1"1/2	66,68	31,75	15	1"7/8-12	24	69	4025033238



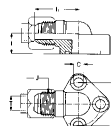
407002 MANGUITO 90° ORIENTABLE SAE JIC STANDARD

D.N.	Tubo	A	B	J	I	I1	Código
1/2	12 1/2	38,10	17,48	3/4-16	42	48	4070021212
1/2	14-16 5/8	38,10	17,48	7/8-14	42	50	4070021216
3/4	14-16 5/8	47,63	22,23	4/8-14	52	58	4070021916
3/4	18-20 3/4	47,63	22,23	1"1/16-12	52	60	4070021920
3/4	25 1"	47,63	22,23	1"5/16-12	52	61	4070021925
1"	18-20 3/4	52,37	26,19	1"1/16-12	54	61	4070022520
1"	25 1"	52,37	26,19	1"5/16-12	54	62	4070022525
1"	30-32 1"1/4	52,37	26,19	1"5/8-12	54	66	4070022532
1"1/4	25 1"	58,72	30,18	1"5/16-12	54	66	4070023225
1"1/4	30-32 1"1/4	58,72	30,18	1"5/8-12	54	68	4070023232
1"1/2	30-32 1"1/4	69,85	35,71	1"5/8-12	61	75	4070023832
1"1/2	38 1"1/2	69,85	35,71	1"7/8-12	61	78	4070023838



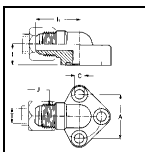
407035 MANGUITO 90° SAE JIC

D.N.	Tubo	A	B	C	J	I	I1	Código
1/2	12 1/2	38,10	17,48	9	3/4-16	17	40	4070351212
1/2	14-16 5/8	38,10	17,48	9	7/8-14	17	42	4070351216
1/2	18-20 3/4	38,10	17,48	9	1"1/16-12	20	43	4070351220
3/4	14-16 5/8	47,63	22,23	11	4/8-14	20	45	4070351916
3/4	18-20 3/4	47,63	22,23	11	1"1/16-12	20	47	4070351920
3/4	25 1"	47,63	22,23	11	1"5/16-12	25	48	4070351925
1"	18-20 3/4	52,37	26,19	11	1"1/16-12	20	50	4070352520
1"	25 1"	52,37	26,19	11	1"5/16-12	25	51	4070352525
1"	30-32 1"1/4	52,37	26,19	11	1"5/8-12	31	53	4070352532
1"1/4	25 1"	58,72	30,18	11,5	1"5/16-12	25	56	4070353225
1"1/4	30-32 1"1/4	58,72	30,18	11,5	1"5/8-12	31	58	4070353232
1"1/4	38 1"1/2	58,72	30,18	11,5	1"7/8-12	37	61	4070353238
1"1/2	30-32 1"1/4	69,85	35,71	13,5	1"5/8-12	31	63	4070353832
1"1/2	38 1"1/2	69,85	35,71	13,5	1"7/8-12	37	66	4070353838



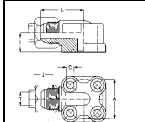
407123 MANGUITO 90° MACHO JIC STANDARD

D.N.	Tubo	A	C	J	I	I2	Código
10	10 3/8	26	5,5	9/16-18	13,5	30	4071231010
10	12 1/2	26	5,5	3/4-16	13,5	31	4071231012
12	10 3/8	30	7	9/16-18	17	30	4071231210
12	12 1/2	30	7	3/4-16	17	32	4071231212
12	14-16 5/8	30	7	7/8-14	17	35	4071231216
15	12 1/2	35	7	3/4-16	17	35	4071231512
15	14-16 5/8	35	7	7/8-16	17	37	4071231516
20	14-16 5/8	40	7	7/8-16	20	40	4071232016
20	18-20 3/4	40	7	1"1/16-12	20	42	4071232020
20	22 7/8	40	7	1"3/16-12	25	43	4071232022
20	25 1"	40	7	1"5/16-12	25	44	4071232025
26	18-20 3/4	55	9	1"1/16-12	25	47	4071232620
26	25 1"	55	9	1"5/16-12	25	47	4071232625
26	30-32 1"1/4	55	9	1"5/8-12	31	49	4071232632
31	25 1"	61	11	1"5/16-12	31	52	4071233125
31	30-32 1"1/4	61	11	1"5/8-12	31	54	4071233132
31	38 1"1/2	61	11	1"7/8-12	37	56	4071233138
32	25 1"	62	11	1"5/16-12	31	52	4071233225
32	30-32 1"1/4	62	11	1"5/8-12	31	54	4071233232
32	38 1"1/2	62	11	1"7/8-12	37	59	4071233238



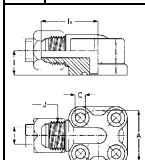
407124 MANGUITO 90° MACHO JIC REFORZADO

D.N.	Tubo	A	C	J	I	I2	Código
12	10 3/8	30	8,5	9/16-18	17	30	4071241210
12	12 1/2	30	8,5	3/4-16	17	32	4071241212
12	14-16 5/8	30	8,5	7/8-14	17	35	4071241216
15	12 1/2	35	8,5	3/4-16	17	35	4071241512
15	14-16 5/8	35	8,5	7/8-16	17	37	4071241516
20	14-16 5/8	40	8,5	7/8-16	20	40	4071242016
20	18-20 3/4	40	8,5	1"1/16-12	20	42	4071242020
20	22 7/8	40	8,5	1"3/16-12	25	43	4071242022
20	25 1"	40	8,5	1"5/16-12	25	44	4071242025
25	18-20 3/4	51	11	1"1/16-12	25	47	4071242520
25	25 1"	51	11	1"5/16-12	25	47	4071242525
25	30-32 1"1/4	51	11	1"5/8-12	31	49	4071242532
32	25 1"	62	13	1"5/16-12	31	52	4071243225
32	30-32 1"1/4	62	13	1"5/8-12	31	54	4071243232
32	38 1"1/2	62	13	1"7/8-12	37	56	4071243238
40	38 1"1/2	72,5	13	1"7/8-12	37	61	4071244038



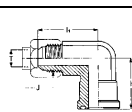
407167 MANGUITO 90° MACHO JIC STANDARD

D.N.	Tubo	A	C	J	I	I2	Código
10	10 3/8	26	5,5	9/16-18	13,5	32	4071671010
10	12 1/2	26	5,5	3/4-16	13,5	35	4071671012
12	10 3/8	30	7	9/16-18	17	36	4071671210
12	12 1/2	30	7	3/4-16	17	38	4071671212
12	14-16 5/8	30	7	7/8-14	17	40	4071671216
15	12 1/2	35	7	3/4-16	17	40	4071671512
15	14-16 5/8	35	7	7/8-16	17	43	4071671516
20	14-16 5/8	40	7	7/8-16	20	44	4071672016
20	18-20 3/4	40	7	1"1/16-12	20	46	4071672020
26	18-20 3/4	55	9	1"1/16-12	25	54	4071672620
26	25 1"	55	9	1"5/16-12	25	55	4071672625
26	30-32 1"1/4	55	9	1"5/8-12	31	57	4071672632



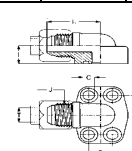
407168 MANGUITO 90° MACHO JIC REFORZADO

D.N.	Tubo	A	C	J	I	I2	Código
12	10 3/8	30	8,5	9/16-18	17	36	4071681210
15	12 1/2	35	8,5	3/4-16	17	40	4071681512
15	14-16 5/8	35	8,5	7/8-16	17	43	4071681516
20	14-16 5/8	40	8,5	7/8-16	20	44	4071682016
20	18-20 3/4	40	8,5	1"1/16-12	20	46	4071682020
25	18-20 3/4	51	11	1"1/16-12	25	54	4071682520
25	25 1"	51	11	1"5/16-12	25	55	4071682525



4070507 MANGUITO 90° ORIENTABLE SAE JIC REFORZADO

D.N.	Tubo	A	B	J	I	I1	Código
1/2	12 1/2	40,49	18,24	3/4-16	43	49	4075071212
1/2	14-16 5/8	40,49	18,24	7/8-14	43	51	4075071216
3/4	14-16 5/8	50,80	23,80	7/8-14	54	59	4075071916
3/4	18-20 3/4	50,80	23,80	1"1/16-12	54	61	4075071920
3/4	25 1"	50,80	23,80	1"5/16-12	54	62	4075071925
1"	18-20 3/4	57,15	27,76	1"1/16-12	65	65	4075072520
1"	25 1"	57,15	27,76	1"5/16-12	65	66	4075072525
1"	30-32 1"1/4	57,15	27,76	1"5/8-12	70	73	4075072532
1"1/4	25 1"	66,68	31,75	1"5/16-12	70	73	4075073225
1"1/4	30-32 1"1/4	66,68	31,75	1"5/8-12	70	75	4075073232
1"1/2	30-32 1"1/4	79,38	36,50	1"5/8-12	80	85	4075073832
1"1/2	38 1"1/2	79,38	36,50	1"7/8-12	80	88	4075073838



407530 MANGUITO 90° SAE JIC REFORZADO

D.N.	Tubo	A	B	C	J	I	I1	Código
1/2	12 1/2	40,49	18,24	9	3/4-16	17	40	4075301212
1/2	14-16 5/8	40,49	18,24	9	7/8-14	17	42	4075301216
1/2	18-20 3/4	40,49	18,24	9	1"1/16-12	20	43	4075301220
3/4	14-16 5/8	50,80	23,80	11	7/8-14	20	49	4075301916
3/4	18-20 3/4	50,80	23,80	11	1"1/16-12	20	51	4075301920
3/4	25 1"	50,80	23,80	11	1"5/16-12	25	52	4075301925
1"	18-20 3/4	57,15	27,76	13	1"1/16-12	25	55	4075302520
1"	25 1"	57,15	27,76	13	1"5/16-12	25	56	4075302525
1"	30-32 1"1/4	57,15	27,76	13	1"5/8-12	31	58	4075302532
1"1/4	25 1"	66,68	31,75	15	1"5/16-12	31	56	4075303225
1"1/4	30-32 1"1/4	66,68	31,75	15	1"5/8-12	31	63	4075303232
1"1/4	38 1"1/2	66,68	31,75	15	1"7/8-12	37	63	4075303238
1"1/2	30-32 1"1/4	79,38	36,50	17	1"5/8-12	37	67	4075303832
1"1/2	38 1"1/2	79,38	36,50	17	1"7/8-12	37	70	4075303838

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