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Acessórios rosca JIC



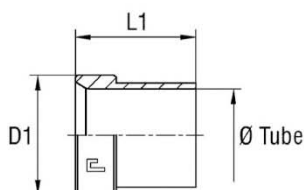
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Acessórios com rosca JIC

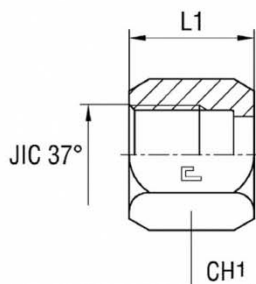
Os acessórios com rosca tipo JIC têm um ângulo com cone a 37º segundo a norma ISO 8434-2/SAE J514. São normalmente utilizados para alta pressão em sistemas hidráulicos.

A vedação é feita pela união do acessório e do respectivo tubo que foi previamente deformado com um cone de 74º.

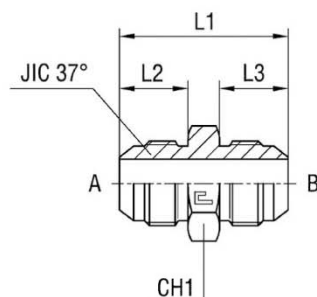


DPR - ANEL CORTANTE

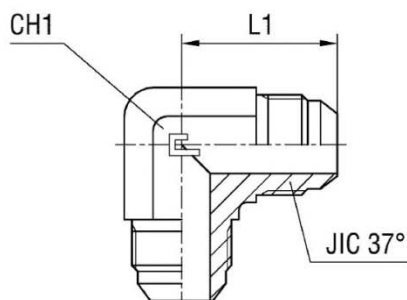
Serie	Bar	Referência	Ø Tube M	Ø Tube W	D1	L1
UNIVERSAL	450	JJ-DPR06	6	1/4	9,7	10,4
		JJ-DPR08	8	5/16*	11,3	11,2
	350	JJ-DPR10	10	3/8	12,7	12,7
		JJ-DPR12	12	1/2	17,3	14,2
		JJ-DPR16	16	5/8*	20,2	16,8
		JJ-DPR20	20	3/4	24,6	17,3
	290	JJ-DPR25	25	1	31	19,8
	240	JJ-DPR32	32	1 1/4	38,9	23,1
		JJ-DPR38	38	1 1/2*	45,3	28,4
	350	JJ-DPR14	14		20,2	16,8
		JJ-DPR15	15		20,2	16,8
		JJ-DPR18	18		24,6	17,3
	240	JJ-DPR30	30		38,9	23,1

M - PORCAS JIC

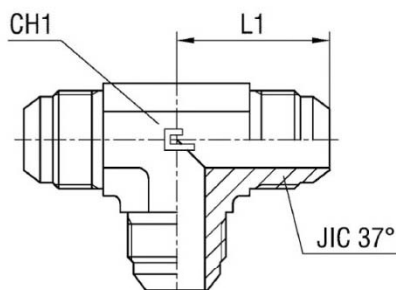
Serie	Bar	Ø Tube M	Ø Tubo W	JIC 37°	L1	CH1	Referência
UNIVERSAL	450	6	1/4*	7/16-20	15,5	14	JJ-M04
		8	5/16*	1/2-20	17	17	JJ-M05
	350	10	3/8*	9/16-18	18,3	19	JJ-M06
		12	1/2*	3/4-16	21,3	22	JJ-M08
		14-15-16	5/8*	7/8-14	24,6	27	JJ-M10
		18-20	3/4*	1 1/16-12	25,9	32	JJ-M14
	290	25	1*	1 5/16-12	28,4	41	JJ-M16
	240	30-32	1 1/4*	1 5/8-12	31	50	JJ-M20
		38	1 1/2*	1 7/8-12	35,8	60	JJ-M24

G - JUNÇÃO TUBO TUBO - JIC

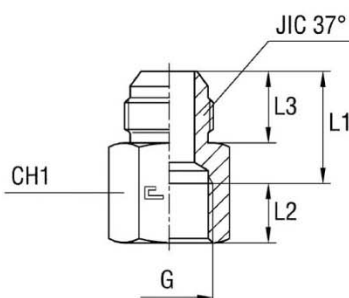
Serie	Bar	Ø Tube A ^M	Ø Tube B ^M	Ø Tube A ^W	Ø Tube B ^W	L1	L2	L3	CH1	JIC 37° A	JIC 37° B	Referência
UNIVERSAL	450	6	6	1/4	1/4	35	14	14	12	7/16-20	7/16-20	JJ-G04
		8	8	5/16	5/16	35	14	14	14	1/2-20	1/2-20	JJ-G05
	350	10	10	3/8	3/8	36	14,1	14,1	17	9/16-18	9/16-18	JJ-G06
		12	12	1/2	1/2	41	16,7	16,7	22	3/4-16	3/4-16	JJ-G08
		14-15-16	14-15-16	5/8	5/8	48	19,3	19,3	24	7/8-14	7/8-14	JJ-G10
		18-20	18-20	3/4	3/4	55	21,9	21,9	30	1 1/16-12	1 1/16-12	JJ-G12
	290	25	25	1	1	57	23,1	23,1	36	15/16-12	15/16-12	JJ-G16
	240	30-32	30-32	1 1/4	1 1/4	61,5	24,3	24,3	46	15/8-12	15/8-12	JJ-G20
		38	38	1 1/2	1 1/2	70	27,5	27,5	50	17/8-12	17/8-12	JJ-G24

W - JOELHO A 90° TUBO-TUBO - JIC

Serie	Bar	Ø Tube M	Ø Tube W	L1	CH1	JIC 37°	Referência
UNIVERSAL	450	6	1/4	23	11	7/16-20	JJ-W04
		8	5/16	24	14	1/2-20	JJ-W05
	350	10	3/8	27,5	14	9/16-18	JJ-W06
		12	1/2	32	19	3/4-16	JJ-W08
		14-15-16	5/8	37	22	7/8-14	JJ-W10
		18-20	3/4	42	27	1 1/16-12	JJ-W12
	290	25	1	46	33	15/16-12	JJ-W16
	240	30-32	1 1/4	53	41	15/8-12	JJ-W20
		38	1 1/2	59	48	17/8-12	JJ-W24

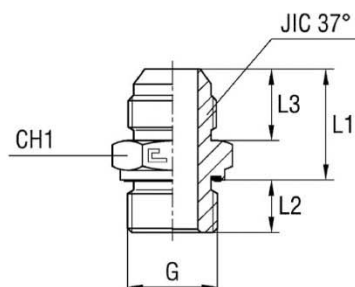
T - JUNÇÃO TUBO/TUBO/TUBO JIC

Serie	Bar	Ø Tube M	Ø Tube W	L1	CH1	JIC 37°	Referência
UNIVERSAL	450	6	1/4	23	11	7/16-20	JJ-T04
		8	5/16	24	14	1/2-20	JJ-T05
	350	10	3/8	27,5	14	9/16-18	JJ-T06
		12	1/2	32	19	3/4-16	JJ-T08
		14-15-16	5/8	37	22	7/8-14	JJ-T10
		18-20	3/4	42	27	1 1/16-12	JJ-T12
	290	25	1	46	33	1 5/16-12	JJ-T16
	240	30-32	1 1/4	53	41	1 5/8-12	JJ-T20
		38	1 1/2	59	48	1 7/8-12	JJ-T24

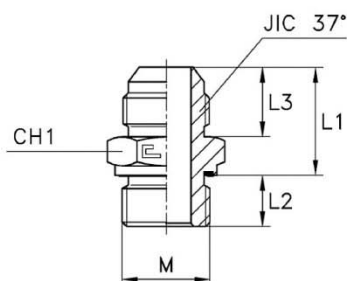
GAI - UNIÃO TUBO ROSCA FÊMEA JIC/BSP

Serie	Bar	Ø Tube M	Ø Tube W	G	L1	L2	L3	CH1	JIC 37°	Referência
UNIVERSAL	350	6	1/4	1/8	20	10	14	14	7/16-20	JJ-GAI04X02BSP
		8	5/16	1/8	20	10	14	14	1/2-20	JJ-GAI05X02BSP
		10	3/8	1/4	21	14	14,1	19	9/16-18	JJ-GAI06X04BSP
		12	1/2	3/8	25	14	16,7	22	3/4-16	JJ-GAI08X06BSP
		14-15-16	5/8	1/2	28,5	17	19,3	30	7/8-14	JJ-GAI10X08BSP
		18-20	3/4	3/4	32	19	21,9	36	1 1/16-12	JJ-GAI12X12BSP
	290	25	1	1	32,5	21,5	23,1	41	1 5/16-12	JJ-GAI16X16BSP
	240	30-32	1 1/4	1 1/4	37	23,5	24,3	50	1 5/8-12	JJ-GAI20X20BSP
		38	1 1/2	1 1/2	40	25,5	27,5	60	1 7/8-12	JJ-GAI24X24BSP
	350	6	1/4	1/4	21	14	14	19	7/16-20	JJ-GAI04X04BSP
		8	5/16	1/4	21	14	14	19	1/2-20	JJ-GAI05X04BSP
		10	3/8	3/8	22	14	14,1	22	9/16-18	JJ-GAI06X06BSP
		10	3/8	1/2	23,5	17	14,1	30	9/16-18	JJ-GAI06X08BSP
		12	1/2	1/4	25	14	16,7	22	3/4-16	JJ-GAI08X04BSP
		12	1/2	1/2	26	17	16,7	30	3/4-16	JJ-GAI08X08BSP
	240	18-20	3/4	1/2	31	17	21,9	30	1 1/16-12	JJ-GAI12X08BSP
		30-32	1 1/4	1	34	21,5	24,3	46	1 5/8-12	JJ-GAI20X16BSP
		38	1 1/2	1 1/4	40,5	23,5	27,5	50	1 7/8-12	JJ-GAI24X20BSP

GE-BSP ED - JUNÇÃO TUBO ROSCA JIC/BSP ED

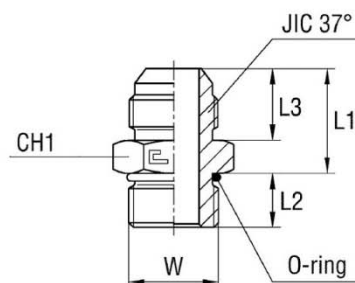


Serie	Bar	Ø Tubo M	Ø Tubo W	G	L1	L2	L3	CH1	JIC 37°	Referência
UNIVERSAL	350	6	1/4	1/8	22,5	8	14	14	7/16-20	JJ-GE04X02BSPED
		8	5/16	1/8	22,5	8	14	14	1/2-20	JJ-GE05X02BSPED
		10	3/8	1/4	22,5	12	14,1	19	9/16-18	JJ-GE06X04BSPED
		12	1/2	3/8	26,5	12	16,7	22	3/4-16	JJ-GE08X06BSPED
		14-15-16	5/8	1/2	31	14	19,3	27	7/8-14	JJ-GE10X08BSPED
	290	18-20	3/4	3/4	35	16	21,9	32	1 1/16-12	JJ-GE12X12BSPED
	240	25	1	1	37,5	18	23,1	41	1 5/16-12	JJ-GE16X16BSPED
		30-32	1 1/4	1 1/4	41	20	24,3	50	1 5/8-12	JJ-GE20X20BSPED
		38	1 1/2	1 1/2	45	22	27,5	55	1 7/8-12	JJ-GE24X24BSPED
	350	6	1/4	1/4	22,5	12	14	19	7/16-20	JJ-GE04X04BSPED
		6	1/4	3/8	24	12	14	22	7/16-20	JJ-GE04X06BSPED
		6	1/4	1/2	25,5	14	14	27	7/16-20	JJ-GE04X08BSPED
		8	5/16	1/4	22,5	12	14	19	1/2-20	JJ-GE05X04BSPED
		8	5/16	3/8	24	12	14	22	1/2-20	JJ-GE05X06BSPED
		10	3/8	1/8	23	8	14,1	17	9/16-18	JJ-GE06X02BSPED
		10	3/8	3/8	24	12	14,1	22	9/16-18	JJ-GE06X06BSPED
		10	3/8	1/2	26	14	14,1	27	9/16-18	JJ-GE06X08BSPED
		12	1/2	1/4	26	12	16,7	22	3/4-16	JJ-GE08X04BSPED
		12	1/2	1/2	28,5	14	16,7	27	3/4-16	JJ-GE08X08BSPED
		12	1/2	3/4	30	16	16,7	32	3/4-16	JJ-GE08X12BSPED
		14-15-16	5/8	3/8	30,5	12	19,3	24	7/8-14	JJ-GE10X06BSPED
		14-15-16	5/8	3/4	32,5	16	19,3	32	7/8-14	JJ-GE10X12BSPED
		18-20	3/4	3/8	34,5	12	21,9	30	1 1/16-12	JJ-GE12X06BSPED
		18-20	3/4	1/2	35	14	21,9	30	1 1/16-12	JJ-GE12X08BSPED
	290	18-20	3/4	1	36,5	18	21,9	41	1 1/16-12	JJ-GE12X16BSPED
		25	1	3/4	37,5	16	23,1	36	1 5/16-12	JJ-GE16X12BSPED
	240	25	1	1 1/4	40	20	23,1	50	1 5/16-12	JJ-GE16X20BSPED
		30-32	1 1/4	1	41	18	24,3	46	1 5/8-12	JJ-GE20X16BSPED
		30-32	1 1/4	1 1/2	42	22	24,3	55	1 5/8-12	JJ-GE20X24BSPED
		38	1 1/2	1 1/4	44	20	27,5	50	1 7/8-12	JJ-GE24X20BSPED

GE-M - JUNÇÃO TUBO ROSCA MACHO MÉTRICA JIC/MET

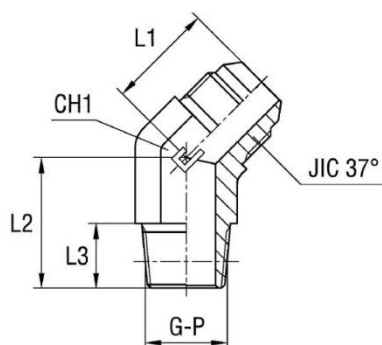
Serie	Bar	Ø Tube M	Ø Tube W	M	L1	L2	L3	CH1	JIC 37°	Referência
UNIVERSAL	350	6	1/4	10x1	21	8	14	14	7/16-20	JJ-GE04XM10
		8	5/16	12x1,5	21	12	14	17	1/2-20	JJ-GE05XM12
		10	3/8	14x1,5	21	12	14,1	19	9/16-18	JJ-GE06XM14
		12	1/2	16x1,5	24	12	16,7	22	3/4-16	JJ-GE08XM16
		14-15-16	5/8	22x1,5	29,5	14	19,3	27	7/8-14	JJ-GE10XM22
	290	18-20	3/4	27x2	32,5	16	21,9	32	1 1/16-12	JJ-GE12XM27
		25	1	33x2	34,5	18	23,1	41	1 5/16-12	JJ-GE16XM33
		30-32	1 1/4	42x2	38	20	24,3	50	1 5/8-12	JJ-GE20XM42
	240	38	1 1/2	48x2	41,5	22	27,5	55	1 7/8-12	JJ-GE24XM48
		6	1/4	12x1,5	21	12	14	17	7/16-20	JJ-GE04XM12
	350	8	5/16	10x1	21	8	14	14	1/2-20	JJ-GE05XM10
		8	5/16	14x1,5	21	12	14	19	1/2-20	JJ-GE05XM14
		10	3/8	16x1,5	21,5	12	14,1	22	9/16-18	JJ-GE06XM16
		12	1/2	14x1,5	24	12	16,7	19	3/4-16	JJ-GE08XM14
		12	1/2	18x1,5	25,5	12	16,7	24	3/4-16	JJ-GE08XM18
		14-15-16	5/8	18x1,5	28	12	19,3	24	7/8-14	JJ-GE10XM18
		14-15-16	5/8	20x1,5	29	14	19,3	27	7/8-14	JJ-GE10XM20
		18-20	3/4	22x1,5	32,5	14	21,9	30	1 1/16-12	JJ-GE12XM22
	290	25	1	27x2	34,5	16	23,1	36	1 5/16-12	JJ-GE16XM27

GE-UNF - JUNÇÃO TUBO ROSCA MACHO - JIC/UNF

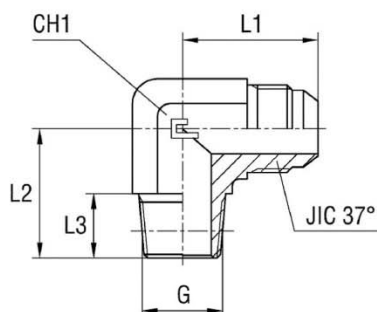


Serie	Bar	Ø Tube M	Ø Tube W	W	L1	L2	L3	CH1	JIC 37°	Referência
UNIVERSAL	400	6	1/4	7/16-20	21,9	9,1	14	14	7/16-20	JJ-GE04X04UNF
		8	5/16	1/2-20	21,9	9,1	14	17	1/2-20	JJ-GE05X05UNF
	350	10	3/8	9/16-18	23	10	14,1	17	9/16-18	JJ-GE06X06UNF
		12	1/2	3/4-16	26,4	11,1	16,7	22	3/4-16	JJ-GE08X08UNF
		14-15-16	5/8	7/8-14	30,3	12,7	19,3	27	7/8-14	JJ-GE10X10UNF
		18-20	3/4	1 1/16-12	34,9	15,1	21,9	32	1 1/16-12	JJ-GE12X12UNF
	290	25	1	1 5/16-12	36,4	15,1	23,1	41	1 5/16-12	JJ-GE16X16UNF
	240	30-32	1 1/4	1 5/8-12	39,9	15,1	24,3	50	1 5/8-12	JJ-GE20X20UNF
		38	1 1/2	1 7/8-12	44,9	15,1	27,5	55	1 7/8-12	JJ-GE24X24UNF
	350	6	1/4	1/2-20	21,9	9,1	14	17	7/16-20	JJ-GE04X05UNF
		6	1/4	9/16-18	23	10	14	17	7/16-20	JJ-GE04X06UNF
		6	1/4	3/4-16	23,9	11,1	14	22	7/16-20	JJ-GE04X08UNF
		8	5/16	9/16-18	23	10	14	17	1/2-20	JJ-GE05X06UNF
		10	3/8	7/16-20	22,9	9,1	14,1	17	9/16-18	JJ-GE06X04UNF
		10	3/8	1/2-20	22,9	9,1	14,1	17	9/16-18	JJ-GE06X05UNF
		10	3/8	3/4-16	23,9	11,1	14,1	22	9/16-18	JJ-GE06X08UNF
		10	3/8	7/8-14	25,3	12,7	14,1	27	9/16-18	JJ-GE06X10UNF
		12	1/2	9/16-18	26,5	10	16,7	22	3/4-16	JJ-GE08X06UNF
		12	1/2	7/8-14	27,8	12,7	16,7	27	3/4-16	JJ-GE08X10UNF
		12	1/2	1 1/16-12	29,9	15,1	16,7	32	3/4-16	JJ-GE08X12UNF
		14-15-16	5/8	3/4-16	30,4	11,1	19,3	24	7/8-14	JJ-GE10X08UNF
		14-15-16	5/8	1 1/16-12	32,4	15,1	19,3	32	7/8-14	JJ-GE10X12UNF
		18-20	3/4	3/4-16	33,9	11,1	21,9	30	1 1/16-12	JJ-GE12X08UNF
		18-20	3/4	7/8-14	33,8	12,7	21,9	30	1 1/16-12	JJ-GE12X10UNF
		18-20	3/4	1 5/16-12	35,4	15,1	21,9	41	1 1/16-12	JJ-GE12X16UNF
	290	25	1	7/8-14	36,3	12,7	23,1	36	1 5/16-12	JJ-GE16X10UNF
		25	1	1 1/16-12	36,4	15,1	23,1	36	1 5/16-12	JJ-GE16X12UNF
		25	1	1 5/8-12	38,9	15,1	23,1	50	1 5/16-12	JJ-GE16X20UNF
	240	30-32	1 1/4	1 5/8-12	38,9	15,1	24,3	46	1 5/8-12	JJ-GE20X16UNF
		38	1 1/2	1 5/8-12	42,9	15,1	27,5	50	1 7/8-12	JJ-GE24X20UNF

VE - JOELHO A 45° TUBO ROSCA JIC/BSP

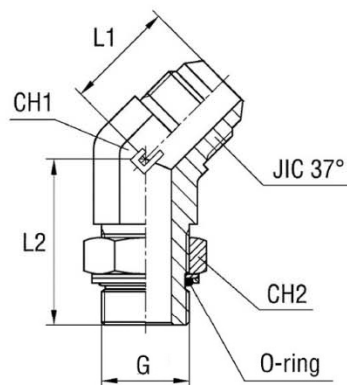


Serie	Bar	Ø Tube M	Ø Tube W	G	L1	L2	L3	CH1	JIC 37°	Referência
UNIVERSAL	350	6	1/4	1/8	19,5	16,5	10	11	7/16-20	JJ-VE04X02BSP
		8	5/16	1/8	20	16,5	10	14	1/2-20	JJ-VE05X02BSP
		10	3/8	1/4	21,5	22	14,5	14	9/16-18	JJ-VE06X04BSP
		12	1/2	3/8	25,5	24	14,5	19	3/4-16	JJ-VE08X06BSP
		14-15-16	5/8	1/2	29	29,5	19	22	7/8-14	JJ-VE10X08BSP
		18-20	3/4	3/4	33	30,5	19	27	1 1/16-12	JJ-VE12X12BSP
	290	25	1	1	38	38	24	33	1 5/16-12	JJ-VE16X16BSP
	240	30-32	1 1/4	1 1/4	40	42	25	41	1 5/8-12	JJ-VE20X20BSP
		38	1 1/2	1 1/2	46	45	26	48	1 7/8-12	JJ-VE24X24BSP
	350	6	1/4	1/4	20	22	14,5	14	7/16-20	JJ-VE04X04BSP
		8	5/16	1/4	20	22	14,5	14	1/2-20	JJ-VE05X04BSP
		10	3/8	1/8	21,5	16,5	10	14	9/16-18	JJ-VE06X02BSP
		10	3/8	3/8	23	24	14,5	19	9/16-18	JJ-VE06X06BSP
		10	3/8	1/2	23,5	29,5	19	22	9/16-18	JJ-VE06X08BSP
		12	1/2	1/4	25,5	24	14,5	19	3/4-16	JJ-VE08X04BSP
		12	1/2	1/2	26	29,5	19	22	3/4-16	JJ-VE08X08BSP
		12	1/2	3/4	27	30,5	19	27	3/4-16	JJ-VE08X12BSP
		14-15-16	5/8	3/8	29	25,5	14,5	22	7/8-14	JJ-VE10X06BSP
		14-15-16	5/8	3/4	30	30,5	19	27	7/8-14	JJ-VE10X12BSP
		18-20	3/4	1/2	33	30,5	19	27	1 1/16-12	JJ-VE12X08BSP
	290	18-20	3/4	1	37	38	24	33	1 1/16-12	JJ-VE16X16BSP
		25	1	3/4	38	33	19	33	1 5/16-12	JJ-VE20X12BSP
	240	30-32	1 1/4	1	40	41	24	41	1 5/8-12	JJ-VE24X16BSP

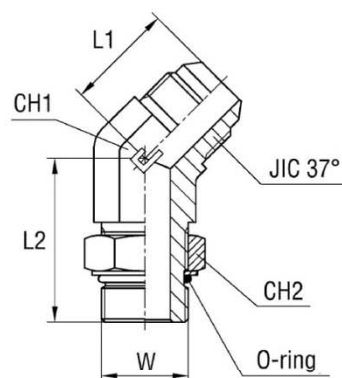
WE-BSP - JOELHO A 90° TUBO ROSCA JIC/BSP

Serie	Bar	Ordering O-ring Body	Ø Tube M	Ø Tube W	G	L1	L2	L3	CH1	JIC 37°	Referência
UNIVERSAL	350	201001	6	1/4	1/8	23	20	10	11	7/16-20	JJ-WE04X02BSP
		201002	8	5/16	1/8	24	20	10	14	1/2-20	JJ-WE05X02BSP
		201003	10	3/8	1/4	27,5	28	14,5	14	9/16-18	JJ-WE06X04BSP
		201004	12	1/2	3/8	32	31	14,5	19	3/4-16	JJ-WE08X06BSP
		201005	14-15-16	5/8	1/2	37	37,5	19	22	7/8-14	JJ-WE10X08BSP
		201006	18-20	3/4	3/4	42	40	19	27	1 1/16-12	JJ-WE12X12BSP
	290	201007	25	1	1	46	50	24	33	1 5/16-12	JJ-WE16X16BSP
	240	201008	30-32	1 1/4	1 1/4	53	60	25	41	1 5/8-12	JJ-WE20X20BSP
		201009	38	1 1/2	1 1/2	59	67	26	48	1 7/8-12	JJ-WE24X24BSP
	350	201010	6	1/4	1/4	24	28	14,5	14	7/16-20	JJ-WE04X04BSP
		201011	8	5/16	1/4	24	28	14,5	14	1/2-20	JJ-WE05X04BSP
		201012	10	3/8	1/8	27,5	20	10	14	9/16-18	JJ-WE06X02BSP
		201013	10	3/8	3/8	29,5	31	14,5	19	9/16-18	JJ-WE06X06BSP
		201014	10	3/8	1/2	31,5	37,5	19	22	9/16-18	JJ-WE06X08BSP
		201015	12	1/2	1/4	32	31	14,5	19	3/4-16	JJ-WE08X04BSP
		201016	12	1/2	1/2	32	37,5	19	22	3/4-16	JJ-WE08X08BSP
		201017	12	1/2	3/4	36	40	19	27	3/4-16	JJ-WE08X12BSP
		201018	14-15-16	5/8	3/8	37	31	14,5	22	7/8-14	JJ-WE10X06BSP
		201019	14-15-16	5/8	3/4	39	40	19	27	7/8-14	JJ-WE10X12BSP
		201020	18-20	3/4	1/2	42	37,5	19	27	1 1/16-12	JJ-WE12X08BSP
	290	201021	18-20	3/4	1	45	50	24	33	1 1/16-12	JJ-WE12X16BSP
		201022	25	1	3/4	46	40	19	33	1 5/16-12	JJ-WE16X12BSP
	240	201023	30-32	1 1/4	1	53	51	24	41	1 5/8-12	JJ-WE20X16BSP

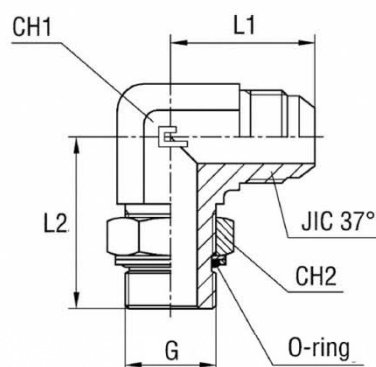
VEE- CURVA A 45°COM PORCA AJUSTÁVEL JIC/BSP



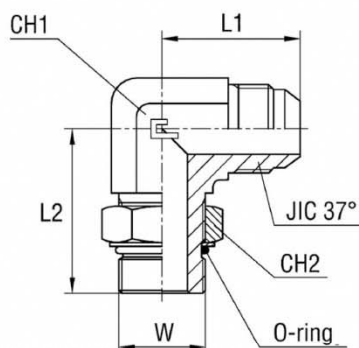
Serie	Bar	Ø Tube M	Ø Tube W	G	L1	L2	CH1	CH2	JIC 37°	Referência
UNIVERSAL	350	6	1/4	1/8	19,5	26	11	14	7/16-20	JJ-VEE04X02BSP
	315	8	5/16	1/4	20	29	14	19	1/2-20	JJ-VEE05X04BSP
		10	3/8	1/4	21,5	29	14	19	9/16-18	JJ-VEE06X04BSP
	250	12	1/2	3/8	25,5	33	19	22	3/4-16	JJ-VEE08X06BSP
		14-15-16	5/8	1/2	29	38,5	22	27	7/8-14	JJ-VEE10X08BSP
		18-20	3/4	3/4	33	44	27	36	1 1/16-12	JJ-VEE12X12BSP
	200	25	1	1	38	47	33	41	1 5/16-12	JJ-VEE16X16BSP
		30-32	1 1/4	1 1/4	40	48	41	50	1 5/8-12	JJ-VEE20X20BSP
	160	38	1 1/2	1 1/2	46	48	48	55	1 7/8-12	JJ-VEE24X24BSP
	250	6	1/4	1/4	20	29	14	19	7/16-20	JJ-VEE04X04BSP
		6	1/4	3/8	22,5	33	19	22	7/16-20	JJ-VEE04X06BSP
		6	1/4	1/2	23	38,5	22	27	7/16-20	JJ-VEE04X08BSP
	350	8	5/16	1/8	20	24	14	14	1/2-20	JJ-VEE05X02BSP
	250	8	5/16	3/8	22,5	33	19	22	1/2-20	JJ-VEE05X06BSP
		10	3/8	3/8	23	33	19	22	9/16-18	JJ-VEE06X06BSP
		10	3/8	1/2	23,5	38,5	22	27	9/16-18	JJ-VEE06X08BSP
	315	12	1/2	1/4	25,5	32,5	19	19	3/4-16	JJ-VEE08X04BSP
	250	12	1/2	1/2	26	38,5	22	27	3/4-16	JJ-VEE08X08BSP
		12	1/2	3/4	27	44	27	36	3/4-16	JJ-VEE08X12BSP
		14-15-16	5/8	3/8	29	33	22	22	7/8-14	JJ-VEE10X06BSP
		14-15-16	5/8	3/4	30	44	27	36	7/8-14	JJ-VEE10X12BSP
		18-20	3/4	1/2	33	43	27	27	1 1/16-12	JJ-VEE12X08BSP
	200	18-20	3/4	1	37	47	33	41	1 1/16-12	JJ-VEE12X16BSP
	250	25	1	3/4	38	45	33	36	1 5/16-12	JJ-VEE16X12BSP
	200	25	1	1 1/4	39	48	41	50	1 5/16-12	JJ-VEE16X20BSP
		30-32	1 1/4	1	40	48	41	41	1 5/8-12	JJ-VEE20X16BSP
		38	1 1/2	1 1/4	46	48	48	50	1 7/8-12	JJ-VEE24X20BSP

VEE - JOELHO A 45° COM PORCA AJUSTÁVEL JIC/UNF

Serie	Bar	Ø Tube M	Ø Tube W	W	L1	L2	CH1	CH2	JIC 37°	Referência
UNIVERSAL	400	6	1/4	7/16-20	19,5	26,5	11	14	7/16-20	JJ-VEE04X04UNF
		8	5/16	1/2-20	20	26,5	14	17	1/2-20	JJ-VEE05X05UNF
	350	10	3/8	9/16-18	21,5	29	14	17	9/16-18	JJ-VEE06X06UNF
		12	1/2	3/4-16	25,5	33	19	22	3/4-16	JJ-VEE08X08UNF
		14-15-16	5/8	7/8-14	29	39	22	27	7/8-14	JJ-VEE10X10UNF
		18-20	3/4	1 1/16-12	33	44	27	32	1 1/16-12	JJ-VEE12X12UNF
	290	25	1	1 5/16-12	38	47	33	41	1 5/16-12	JJ-VEE16X16UNF
	240	30-32	1 1/4	1 5/8-12	40	48	41	50	1 5/8-12	JJ-VEE20X20UNF
		38	1 1/2	1 7/8-12	46	48,5	48	55	1 7/8-12	JJ-VEE24X24UNF

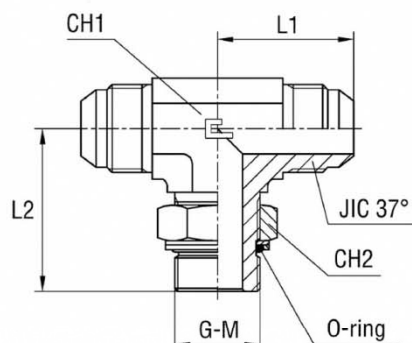
WEE - CURVA A 90° COM PORCA AJUSTÁVEL JIC/BSP

Serie	Bar	Ø Tube M	Ø Tube W	G	L1	L2	CH1	CH2	JIC 37°	Referência
UNIVERSAL	350	6	1/4	1/8	23	26	11	14	7/16-20	JJ-WEE04X02BSP
	315	8	5/16	1/4	24	32	14	19	1/2-20	JJ-WEE05X04BSP
		10	3/8	1/4	27,5	32	14	19	9/16-18	JJ-WEE06X04BSP
	250	12	1/2	3/8	32	37	19	22	3/4-16	JJ-WEE08X06BSP
		14-15-16	5/8	1/2	37	43	22	27	7/8-14	JJ-WEE10X08BSP
		18-20	3/4	3/4	42	49	27	36	1 1/16-12	JJ-WEE12X12BSP
	200	25	1	1	46	52	33	41	1 5/16-12	JJ-WEE16X16BSP
		30-32	1 1/4	1 1/4	53	58	41	50	1 5/8-12	JJ-WEE20X20BSP
	160	38	1 1/2	1 1/2	59	60	48	55	1 7/8-12	JJ-WEE24X24BSP
	315	6	1/4	1/4	24	32	14	19	7/16-20	JJ-WEE04X04BSP
	250	6	1/4	3/8	29	37	19	22	7/16-20	JJ-WEE04X06BSP
		6	1/4	1/2	31	43	22	27	7/16-20	JJ-WEE04X08BSP
	350	8	5/16	1/8	24	30	14	14	1/2-20	JJ-WEE05X02BSP
	250	8	5/16	3/8	29	37	19	22	1/2-20	JJ-WEE05X06BSP
		10	3/8	3/8	29,5	37	19	22	9/16-18	JJ-WEE06X06BSP
		10	3/8	1/2	31,5	43	22	27	9/16-18	JJ-WEE06X08BSP
		12	1/2	1/4	32	37	19	19	3/4-16	JJ-WEE08X04BSP
	250	12	1/2	1/2	34	43	22	27	3/4-16	JJ-WEE08X08BSP
		12	1/2	3/4	36	49	27	36	3/4-16	JJ-WEE08X12BSP
		14-15-16	5/8	3/8	37	37,5	22	22	7/8-14	JJ-WEE10X06BSP
		14-15-16	5/8	3/4	39	49	27	36	7/8-14	JJ-WEE10X12BSP
		18-20	3/4	1/2	42	47	27	27	1 1/16-12	JJ-WEE12X08BSP
	200	18-20	3/4	1	45	52	33	41	1 1/16-12	JJ-WEE12X16BSP
	250	25	1	3/4	46	50	33	36	1 5/16-12	JJ-WEE16X12BSP
	200	25	1	1 1/4	52	58	41	50	1 5/16-12	JJ-WEE16X20BSP
		30-32	1 1/4	1	53	58	41	41	1 5/8-12	JJ-WEE20X16BSP
		38	1 1/2	1 1/4	59	60	48	50	1 7/8-12	JJ-WEE24X20BSP

WEE - JOELHO A 90° COM PORCA AJUSTÁVEL JIC/UNF

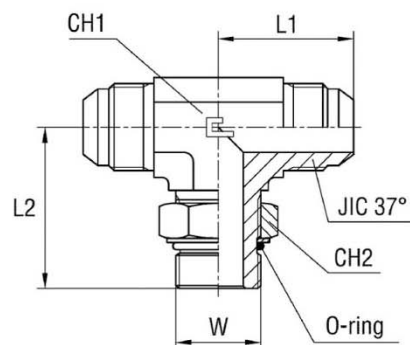
Serie	Bar	Ø Tube M	Ø Tube W	W	L1	L2	CH1	CH2	JIC 37°	Referência
UNIVERSAL	400	6	1/4	7/16-20	23	27	11	14	7/16-20	JJ-WEE04X04UNF
		8	5/16	1/2-20	24	29	14	17	1/2-20	JJ-WEE05X05UNF
	350	10	3/8	9/16-18	27,5	32	14	17	9/16-18	JJ-WEE06X06UNF
		12	1/2	3/4-16	32	37	19	22	3/4-16	JJ-WEE08X08UNF
		14-15-16	5/8	7/8-14	37	43	22	27	7/8-14	JJ-WEE10X10UNF
			3/4	1 1/16-12	42	49,5	27	32	1 1/16-12	JJ-WEE12X12UNF
	290	25	1	1 5/16-12	46	52	33	41	1 5/16-12	JJ-WEE16X16UNF
	240	30-32	1 1/4	1 5/8-12	53	58	41	50	1 5/8-12	JJ-WEE20X20UNF
		38	1 1/2	1 7/8-12	59	60	48	55	1 7/8-12	JJ-WEE24X24UNF
	400	6	1/4	1/2-20	24	29	14	17	7/16-20	JJ-WEE04X05UNF
	350	6	1/4	9/16-18	24	32	14	17	7/16-20	JJ-WEE04X06UNF
		8	5/16	9/16-18	24	32	14	17	1/2-20	JJ-WEE05X06UNF
		10	3/8	7/16-20	27,5	28	14	14	9/16-18	JJ-WEE06X04UNF
		10	3/8	1/2-20	27,5	29	14	17	9/16-18	JJ-WEE06X05UNF
		10	3/8	3/4-16	29,5	37	19	22	9/16-18	JJ-WEE06X08UNF
		10	3/8	7/8-14	31,5	43	22	27	9/16-18	JJ-WEE06X10UNF
		12	1/2	9/16-18	32	36,5	19	17	3/4-16	JJ-WEE08X06UNF
		12	1/2	7/8-14	34	43	22	27	3/4-16	JJ-WEE08X10UNF
		12	1/2	1 1/16-12	36	49,5	27	32	3/4-16	JJ-WEE08X12UNF
		14-15-16	5/8	3/4-16	37	39,5	22	22	7/8-14	JJ-WEE10X08UNF
		14-15-16	5/8	1 1/16-12	39	49,5	27	32	7/8-14	JJ-WEE10X12UNF
		18-20	3/4	3/4-16	42	41,5	27	22	1 1/16-12	JJ-WEE12X08UNF
		18-20	3/4	7/8-14	42	47	27	27	1 1/16-12	JJ-WEE12X10UNF
	290	18-20	3/4	1 5/16-12	45	52	33	41	1 1/16-12	JJ-WEE12X16UNF
		25	1	1 1/16-12	46	49,5	33	32	1 5/16-12	JJ-WEE16X12UNF
	240	25	1	1 5/8-12	52	58	41	50	1 5/16-12	JJ-WEE16X20UNF

TEE - TÊ COM PORCA AJUSTÁVEL JIC/BSP

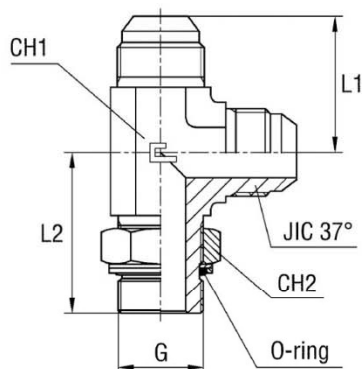


Serie	Bar	Ø Tube M	Ø Tube W	G	L1	L2	CH1	CH2	JIC 37°	Referência
UNIVERSAL	350	6	1/4	1/8	23	26	11	14	7/16-20	JJ-TEE04X02BSP
	315	8	5/16	1/4	24	32	14	19	1/2-20	JJ-TEE05X04BSP
		10	3/8	1/4	27,5	32	14	19	9/16-18	JJ-TEE06X04BSP
	250	12	1/2	3/8	32	37	19	22	3/4-16	JJ-TEE08X06BSP
		14-15-16	5/8	1/2	37	43	22	27	7/8-14	JJ-TEE10X08BSP
		18-20	3/4	3/4	42	49	27	36	1 1/16-12	JJ-TEE12X12BSP
	200	25	1	1	46	52	33	41	1 5/16-12	JJ-TEE16X16BSP
		30-32	1 1/4	1 1/4	53	58	41	50	1 5/8-12	JJ-TEE20X20BSP
	160	38	1 1/2	1 1/2	59	60	48	55	1 7/8-12	JJ-TEE24X24BSP
	315	6	1/4	1/4	24	32	14	19	7/16-20	JJ-TEE04X04BSP
	250	6	1/4	3/8	29	37	19	22	7/16-20	JJ-TEE04X06BSP
		6	1/4	1/2	31	43	22	27	7/16-20	JJ-TEE04X08BSP
	350	8	5/16	1/8	24	30	14	14	1/2-20	JJ-TEE05X02BSP
	250	8	5/16	3/8	29	37	19	22	1/2-20	JJ-TEE05X06BSP
		10	3/8	3/8	29,5	37	19	22	9/16-18	JJ-TEE06X06BSP
		10	3/8	1/2	31,5	43	22	27	9/16-18	JJ-TEE06X08BSP
	315	12	1/2	1/4	32	37	19	19	3/4-16	JJ-TEE08X04BSP
	250	12	1/2	1/2	34	43	22	27	3/4-16	JJ-TEE08X08BSP
		12	1/2	3/4	36	49	27	36	3/4-16	JJ-TEE08X12BSP
		14-15-16	5/8	3/8	37	37,5	22	22	7/8-14	JJ-TEE10X06BSP
		14-15-16	5/8	3/4	39	49	27	36	7/8-14	JJ-TEE10X12BSP
		18-20	3/4	1/2	42	47	27	27	1 1/16-12	JJ-TEE12X08BSP
	200	18-20	3/4	1	45	52	33	41	1 1/16-12	JJ-TEE12X16BSP
	250	25	1	3/4	46	50	33	36	1 5/16-12	JJ-TEE16X12BSP
	200	25	1	1 1/4	52	58	41	50	1 5/16-12	JJ-TEE16X20BSP
		30-32	1 1/4	1	53	58	41	41	1 5/8-12	JJ-TEE20X16BSP
		38	1 1/2	1 1/4	59	60	48	50	1 7/8-12	JJ-TEE24X20BSP

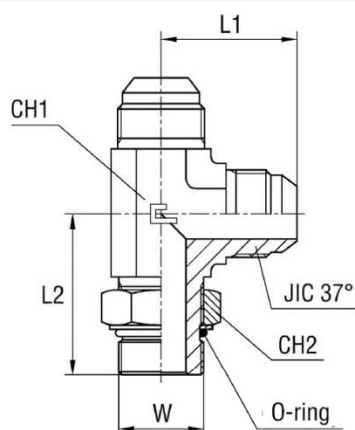
TEE - TÊ COM PORCA AJUSTÁVEL JIC/UNF



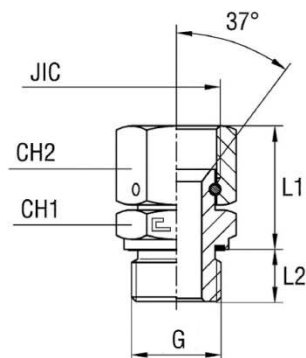
Serie	Bar	Ø Tube M	Ø Tube W	W	L1	L2	CH1	CH2	JIC 37°	Referência
UNIVERSAL	400	6	1/4	7/16-20	23	27	11	14	7/16-20	JJ-TEE04X04UNF
		8	5/16	1/2-20	24	29	14	17	1/2-20	JJ-TEE05X05UNF
	350	10	3/8	9/16-18	27,5	32	14	17	9/16-18	JJ-TEE06X06UNF
		12	1/2	3/4-16	32	37	19	22	3/4-16	JJ-TEE08X08UNF
		14-15-16	5/8	7/8-14	37	43	22	27	7/8-14	JJ-TEE10X10UNF
		18-20	3/4	1 1/16-12	42	49,5	27	32	1 1/16-12	JJ-TEE12X12UNF
	290	25	1	1 5/16-12	46	52	33	41	1 5/16-12	JJ-TEE16X16UNF
	240	30-32	1 1/4	1 5/8-12	53	58	41	50	1 5/8-12	JJ-TEE20X20UNF
		38	1 1/2	1 7/8-12	59	60	48	55	1 7/8-12	JJ-TEE24X24UNF

LEE - TÊ COM PORCA DE AJUSTE EM "L" JIC/BSP

Serie	Bar	Ø Tube M	Ø Tube W	G	L1	L2	CH1	CH2	JIC 37°	Referência
UNIVERSAL	350	6	1/4	1/8	23	26	11	14	7/16-20	JJ-LEE04X02BSP
	315	8	5/16	1/4	24	32	14	19	1/2-20	JJ-LEE05X04BSP
		10	3/8	1/4	27,5	32	14	19	9/16-18	JJ-LEE06X04BSP
	250	12	1/2	3/8	32	37	19	22	3/4-16	JJ-LEE08X06BSP
		14-15-16	5/8	1/2	37	43	22	27	7/8-14	JJ-LEE10X08BSP
		18-20	3/4	3/4	42	49	27	36	1 1/16-12	JJ-LEE12X12BSP
	200	25	1	1	46	52	33	41	1 5/16-12	JJ-LEE16X16BSP
		30-32	1 1/4	1 1/4	53	58	41	50	1 5/8-12	JJ-LEE20X20BSP

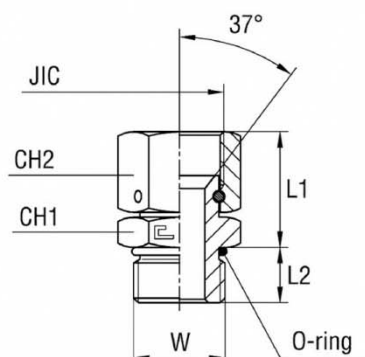
LEE - TÊ COM PORCA DE AJUSTE EM "L" JIC/UNF

Serie	Bar	Ø Tube M	Ø Tube W	W	L1	L2	CH1	CH2	JIC 37°	Referência
UNIVERSAL	400	6	1/4	7/16-20	23	27	11	14	7/16-20	JJ-LEE04X04UNF
		8	5/16	1/2-20	24	29	14	17	1/2-20	JJ-LEE05X05UNF
		10	3/8	9/16-18	27,5	32	14	17	9/16-18	JJ-LEE06X06UNF
	350	12	1/2	3/4-16	32	37	19	22	3/4-16	JJ-LEE08X08UNF
		14-15-16	5/8	7/8-14	37	43	22	27	7/8-14	JJ-LEE10X10UNF
		18-20	3/4	1 1/16-12	42	49,5	27	32	1 1/16-12	JJ-LEE12X12UNF
		25	1	1 5/16-12	46	52	33	41	1 5/16-12	JJ-LEE16X16UNF
	290	25	1	1 5/16-12	46	52	33	41	1 5/16-12	JJ-LEE16X16UNF
	240	30-32	1 1/4	1 5/8-12	53	58	41	50	1 5/8-12	JJ-LEE20X20UNF
		38	1 1/2	1 7/8-12	59	60	48	55	1 7/8-12	JJ-LEE24X24UNF

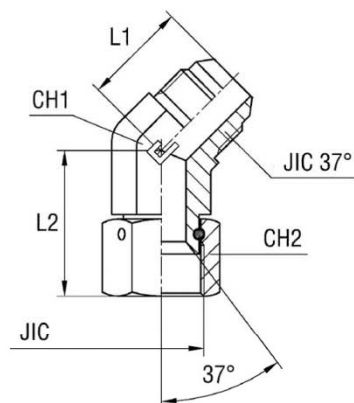
EGE-BSP - JUNÇÃO COM PORCA ORIENTÁVEL JIC/BSP


Serie	Bar	JIC 37°	G	L1	L2	CH1	CH2	Referência
UNIVERSAL	350	7/16-20	1/8	26	8	14	14	JJ-EGE04X02BSP
		1/2-20	1/8	27,5	8	14	17	JJ-EGE05X02BSP
		9/16-18	1/4	27,8	12	19	19	JJ-EGE06X04BSP
		3/4-16	3/8	32,1	12	22	22	JJ-EGE08X06BSP
		7/8-14	1/2	37,6	14	27	27	JJ-EGE10X08BSP
		1 1/16-12	3/4	39,2	16	32	32	JJ-EGE12X12BSP
	290	1 5/16-12	1	44,4	18	41	41	JJ-EGE16X16BSP
	240	1 5/8-12	1 1/4	47,3	20	50	50	JJ-EGE20X20BSP
		1 7/8-12	1 1/2	54,8	22	55	60	JJ-EGE24X24BSP
	350	7/16-20	1/4	25,5	12	19	14	JJ-EGE04X04BSP
		7/16-20	3/8	27,5	12	22	14	JJ-EGE04X06BSP
		1/2-20	1/4	27	12	19	17	JJ-EGE05X04BSP
		1/2-20	3/8	29	12	22	17	JJ-EGE05X06BSP
		9/16-18	3/8	29,8	12	22	19	JJ-EGE06X06BSP
		9/16-18	1/2	31,3	14	27	19	JJ-EGE06X08BSP
		3/4-16	1/4	30,1	12	19	22	JJ-EGE08X04BSP
		3/4-16	1/2	33,6	14	27	22	JJ-EGE08X08BSP
		7/8-14	3/8	36,1	12	22	27	JJ-EGE10X06BSP
		7/8-14	3/4	39,1	16	32	27	JJ-EGE10X12BSP
		1 1/16-12	1/2	37,7	14	27	32	JJ-EGE12X08BSP
	290	1 1/16-12	1	40,7	18	41	32	JJ-EGE12X16BSP
		1 5/16-12	3/4	42,9	16	32	41	JJ-EGE16X12BSP
	240	1 5/16-12	1 1/4	46,9	20	50	41	JJ-EGE16X20BSP
		1 5/8-12	1	44,8	18	41	50	JJ-EGE20X16BSP
		1 7/8-12	1 1/4	54,3	20	50	60	JJ-EGE24X20BSP

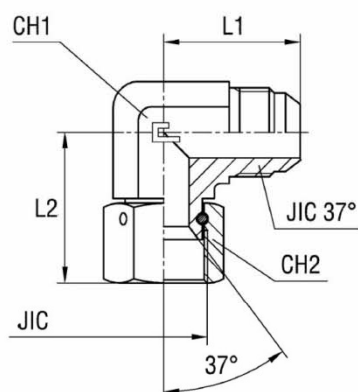
EGE UNF - JUNÇÃO COM PORCA ORIENTÁVEL JIC/UNF



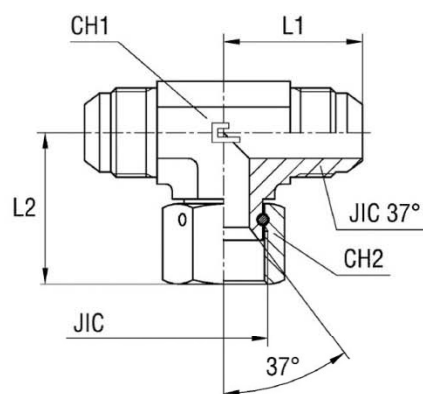
Serie	Bar	JIC 37°	W	L1	L2	CH1	CH2	Referência
UNIVERSAL	350	7/16-20	7/16-20	25,4	9,1	14	14	JJ-EGE04X04UNF
		1/2-20	1/2-20	26,9	9,1	17	17	JJ-EGE05X05UNF
		9/16-18	9/16-18	28,8	10	17	19	JJ-EGE06X06UNF
		3/4-16	3/4-16	32	11,1	22	22	JJ-EGE08X08UNF
		7/8-14	7/8-14	37,4	12,7	27	27	JJ-EGE10X10UNF
		1 1/16-12	1 1/16-12	39,1	15,1	32	32	JJ-EGE12X12UNF
	290	15/16-12	15/16-12	43,3	15,1	41	41	JJ-EGE16X16UNF
	240	15/8-12	15/8-12	45,7	15,1	50	50	JJ-EGE20X20UNF
		17/8-12	17/8-12	54,7	15,1	55	60	JJ-EGE24X24UNF
	350	7/16-20	1/2-20	25,4	9,1	17	17	JJ-EGE04X05UNF
		7/16-20	9/16-18	26,5	10	17	19	JJ-EGE04X06UNF
		9/16-18	3/4-16	29,7	11,1	22	19	JJ-EGE06X08UNF
		3/4-16	7/8-14	33,4	12,7	27	22	JJ-EGE08X10UNF
		3/4-16	1 1/16-12	35	15,1	32	22	JJ-EGE08X12UNF
		7/8-14	3/4-16	36	11,1	22	27	JJ-EGE10X08UNF
		7/8-14	1 1/16-12	39	15,1	32	27	JJ-EGE10X12UNF
		1 1/16-12	3/4-16	37,6	11,1	27	19	JJ-EGE12X08UNF
		1 1/16-12	7/8-14	37,5	12,7	27	22	JJ-EGE12X10UNF
	290	1 1/16-12	15/16-12	39,6	15,1	41	41	JJ-EGE12X16UNF
		15/16-12	1 1/16-12	42,8	15,1	32	32	JJ-EGE16X12UNF
	240	15/16-12	15/8-12	45,3	15,1	50	50	JJ-EGE16X12UNF

EV - JOELHO A 45° COM PORCA ORIENTÁVEL JIC

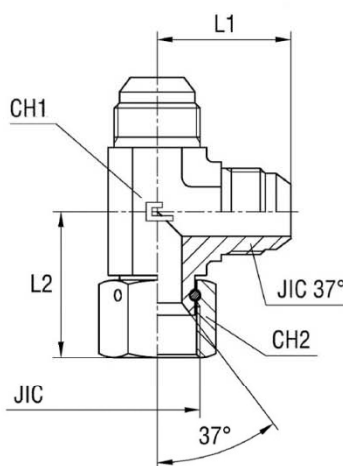
Serie	Bar	Ø Tube M	Ø Tube W	JIC 37°	L1	L2	CH1	CH2	Referência
UNIVERSAL	450	6	1/4	7/16-20	19,5	24,5	11	14	JJ-EV04
		8	5/16	1/2-20	20	25,5	14	17	JJ-EV05
	350	10	3/8	9/16-18	21,5	27,3	14	19	JJ-EV06
		12	1/2	3/4-16	25,5	33,1	19	22	JJ-EV08
		14-15-16	5/8	7/8-14	29	36,6	22	27	JJ-EV10
		18-20	3/4	1 1/16-12	33	37,2	27	32	JJ-EV12
	290	25	1	1 5/16-12	38	45,4	33	41	JJ-EV16
	240	30-32	1 1/4	1 5/8-12	40	51,3	41	50	JJ-EV20
		38	1 1/2	1 7/8-12	45	57,8	48	60	JJ-EV24

EW - JOELHO A 90° COM PORCA ORIENTÁVEL JIC

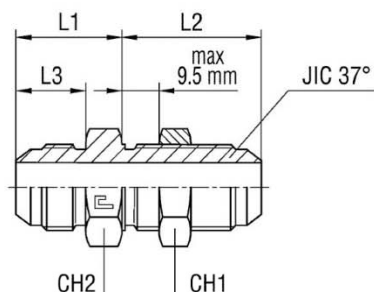
Serie	Bar	Ø Tube M	Ø Tube W	JIC 37°	L1	L2	CH1	CH2	Referência
UNIVERSAL	450	6	1/4	7/16-20	23	26,5	11	14	JJ-EW04
		8	5/16	1/2-20	24	27	14	17	JJ-EW05
	350	10	3/8	9/16-18	27,5	31,3	14	19	JJ-EW06
		12	1/2	3/4-16	32	35,6	19	22	JJ-EW08
		14-15-16	5/8	7/8-14	37	41,6	22	27	JJ-EW10
		18-20	3/4	1 1/16-12	42	44,2	27	32	JJ-EW12
	290	25	1	1 5/16-12	46	51,4	33	41	JJ-EW16
	240	30-32	1 1/4	1 5/8-12	53	58,8	41	50	JJ-EW20
		38	1 1/2	1 7/8-12	59	66,3	48	60	JJ-EW24

ET - TÊ COM FÊMEA GIRATÓRIA EM "ET" - JIC

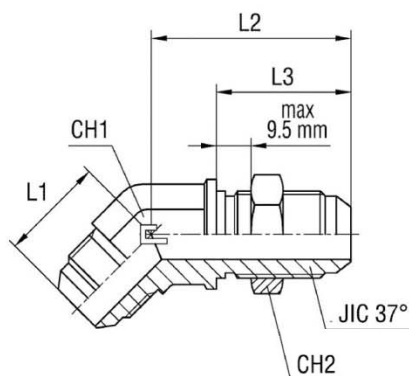
Serie	Bar	Ø Tube M	Ø Tube W	JIC 37°	L1	L2	CH1	CH2	Referência
UNIVERSAL	450	6	1/4	7/16-20	23	26,5	11	14	JJ-ET04
		8	5/16	1/2-20	24	27	14	17	JJ-ET05
	350	10	3/8	9/16-18	27,5	31,3	14	19	JJ-ET06
		12	1/2	3/4-16	32	35,6	19	22	JJ-ET08
		14-15-16	5/8	7/8-14	37	41,6	22	27	JJ-ET10
		18-20	3/4	1 1/16-12	42	44,2	27	32	JJ-ET12
	290	25	1	1 5/16-12	46	51,4	33	41	JJ-ET16
	240	30-32	1 1/4	1 5/8-12	53	58,8	41	50	JJ-ET20
		38	1 1/2	1 7/8-12	59	66,3	48	60	JJ-ET24

EL - TÊ OLIENTÁVEL EM "EL" - JIC

Serie	Bar	Ø Tube M	Ø Tube W	JIC 37°	L1	L2	CH1	CH2	Referência
UNIVERSAL	450	6	1/4	7/16-20	23	26,5	11	14	JJ-EL04
		8	5/16	1/2-20	24	27	14	17	JJ-EL05
	350	10	3/8	9/16-18	27,5	31,3	14	19	JJ-EL06
		12	1/2	3/4-16	32	35,6	19	22	JJ-EL08
		14-15-16	5/8	7/8-14	37	41,6	22	27	JJ-EL10
		18-20	3/4	1 1/16-12	42	44,2	27	32	JJ-EL12
	290	25	1	1 5/16-12	46	51,4	33	41	JJ-EL16
	240	30-32	1 1/4	1 5/8-12	53	58,8	41	50	JJ-EL20
		38	1 1/2	1 7/8-12	59	66,3	48	60	JJ-EL24

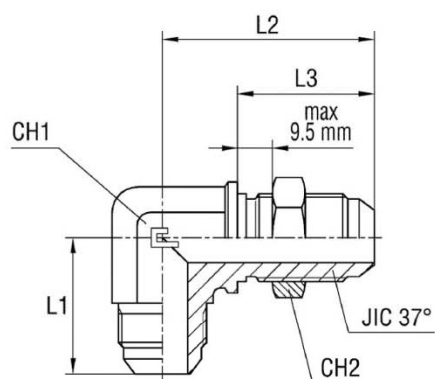
SV - JUNÇÃO DE PASSAGEM (ANTEPARA) JIC

Serie	Bar	Ø Tube M	Ø Tube W	L1	L2	L3	CH1	CH2	JIC 37°	Referência
UNIVERSAL	450	6	1/4	21	31,5	14	17	17	7/16-20	JJ-SV04
		8	5/16	21	31,5	14	19	19	1/2-20	JJ-SV05
	350	10	3/8	22	33,5	14,1	22	22	9/16-18	JJ-SV06
		12	1/2	24,4	36,6	16,7	24	24	3/4-16	JJ-SV08
		14-15-16	5/8	28,4	41,1	19,3	30	30	7/8-14	JJ-SV10
		18-20	3/4	33,1	45,4	21,9	36	36	1 1/16-12	JJ-SV12
	290	25	1	34,6	45,4	23,1	41	41	1 5/16-12	JJ-SV16
	240	30-32	1 1/4	37,3	46,7	24,3	50	50	1 5/8-12	JJ-SV20
		38	1 1/2	42,5	47	27,5	55	55	1 7/8-12	JJ-SV24

SVV - CURVA DE PASSAGEM (ANTEPARA) 45° JIC

Serie	Bar	Ø Tube M	Ø Tube W	L1	L2	L3	CH1	CH2	JIC 37°	Referência
UNIVERSAL	450	6	1/4	19,5	39	28,3	11	17	7/16-20	JJ-SVV04
		8	5/16	20	41	28,3	14	19	1/2-20	JJ-SVV05
	350	10	3/8	21,5	43	30,1	14	22	9/16-18	JJ-SVV06
		12	1/2	25,5	49,5	35	19	24	3/4-16	JJ-SVV08
		14-15-16	5/8	29	55	38,5	22	30	7/8-14	JJ-SVV10
		18-20	3/4	33	62	42,8	27	36	1 1/16-12	JJ-SVV12
	290	25	1	38	65	42,8	33	41	1 5/16-12	JJ-SVV16
	240	30-32	1 1/4	40	67	44,1	41	50	1 5/8-12	JJ-SVV20
		38	1 1/2	46	68	44,3	48	55	1 7/8-12	JJ-SVV24

SVW - JOELHO DE PASSAGEM (ANTEPARA) - 90° JIC



Serie	Bar	Ø Tube M	Ø Tube W	L1	L2	L3	CH1	CH2	JIC 37°	Referência
UNIVERSAL	450	6	1/4	24,5	40,5	28,3	11	17	7/16-20	JJ-SVW04
		8	5/16	27	43,5	28,3	14	19	1/2-20	JJ-SVW05
	350	10	3/8	27,5	46	30,1	14	22	9/16-18	JJ-SVW06
		12	1/2	34,5	53,5	35	19	24	3/4-16	JJ-SVW08
		14-15-16	5/8	39,5	60,5	38,5	22	30	7/8-14	JJ-SVW10
		18-20	3/4	45	68	42,8	27	36	1 1/16-12	JJ-SVW12
	290	25	1	49,5	71	42,8	33	41	1 5/16-12	JJ-SVW16
	240	30-32	1 1/4	55	79	44,1	41	50	1 5/8-12	JJ-SVW20
		38	1 1/2	59,5	87	44,3	48	55	1 7/8-12	JJ-SVW24