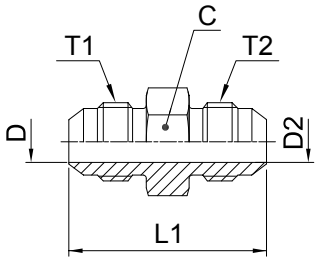
HMTX Union

JIC Flare ends
SAE 070101 MS51501



Tube 1 O.D.		Tube 2 O.D.		Thread UN/UNF-2A	Thread UN/UNF-2A	C	D	D2	L1	Weight (steel)				PN (bar)	
mm	in.	mm	in.	T1	T2	mm	mm	mm	mm	g/1 piece	Steel	Stainless Steel	Brass	S	SS
	1/8		1/8	5/16-24	5/16-24	11	1.5	1.5	30	9	**2 HTX-S**			500	—
	3/16		3/16	3/8-24	3/8-24	11	3	3	31	10	**3 HTX-S**			500	—
6	1/4	6	1/4	7/16-20	7/16-20	14	4.5	4.5	35	16	**4HMTXS**	**4HMTXSS**	**4HMTXB**	500	350
6	1/4		1/8	7/16-20	5/16-24	12.5	4.4	1.6	32	12	**4-2 HTX-S**	**4-2HMTXSS**	**4-2HMTXB**	500	350
6	1/4		3/16	7/16-20	3/8-24	12.5	4.4	3	33	14	**4-3 HTX-S**	**4-3HMTXSS**	**4-3HMTXB**	500	350
8	5/16	8	5/16	1/2-20	1/2-20	14	6	6	35	18	**5HMTXS**	**5HMTXSS**	**5HMTXB**	420	350
8	5/16	6	1/4	1/2-20	7/16-20	14	6	4.5	35	18	**5-4HMTXS**	**5-4HMTXSS**	**5-4HMTXB**	420	350
10	3/8	10	3/8	9/16-18	9/16-18	17	7.5	7.5	36	25	**6HMTXS**	**6HMTXSS**	**6HMTXB**	420	350
10	3/8	6	1/4	9/16-18	7/16-20	17	7.5	4.5	35.5	22	**6-4HMTXS**	**6-4HMTXSS**	**6-4HMTXB**	420	350
10	3/8	8	5/16	9/16-18	1/2-20	17	7.5	6	36	25	**6-5 HTX-S**	**6-5HMTXSS**	**6-5HMTXB**	420	350
12	1/2	12	1/2	3/4-16	3/4-16	19	9.9	9.9	41	52	**8HMTXS**	**8HMTXSS**	**8HMTXB**	420	350
12	1/2	6	1/4	3/4-16	7/16-20	20.6	9.9	4.5	38.5	45	**8-4 HTX-S**	**8-4HMTXSS**	**8-4HMTXB**	420	350
12	1/2	10	3/8	3/4-16	9/16-18	20.6	9.9	7.5	38.5	45	**8-6 HTX-S**	**8-6HMTXSS**	**8-6HMTXB**	420	350
14, 15,16	5/8	14, 15,16	5/8	7/8-14	7/8-14	24	12	12	48	80	**10HMTXS**	**10HMTXSS**	**10HMTXB**	350	350
14, 15,16	5/8	10	3/8	7/8-14	9/16-18	24	12.3	7.5	43	60	**10-6HMTXS**	**10-6HMTXSS**	**10-6HMTXB**	350	350
14, 15,16	5/8	12	1/2	7/8-14	3/4-16	23.8	12.3	9.9	45	68	**10-8 HTX-S**	**10-8HMTXSS**	**10-8HMTXB**	350	350
18, 20	3/4	18, 20	3/4	1 1/16-12	1 1/16-12	27	15.5	15.5	55	125	**12HMTXS**	**12HMTXSS**	**12HMTXB**	350	350
18, 20	3/4	12	1/2	1 1/16-12	3/4-16	28.5	15.5	9.9	49.5	101	**12-8 HTX-S**	**12-8HMTXSS**	**12-8HMTXB**	350	350
20	3/4	14, 15,16	5/8	1 1/16-12	7/8-14	27	15.5	12.3	52	113	**12-10HMTXS**	**12-10HMTXSS**	**12-10HMTXB**	350	350
22	7/8	22	7/8	1 3/16-12	1 3/16-12	32	18	18	56	156	**14 HTX-S**	**14HMTXSS**	**14HMTXB**	280	280
25	1	25	1	1 5/16-12	1 5/16-12	36	21.5	21.5	57	131	**16HMTXS**	**16HMTXSS**	**16HMTXB**	280	280
25	1	20	3/4	1 5/16-12	1 1/16-12	36	21.5	15.5	56	169	**16-12HMTXS**	**16-12HMTXSS**	**16-12HMTXB**	280	280
28, 30, 32	1 1/4	28, 30, 32	1 1/4	1 5/8-12	1 5/8-12	46	27.5	27.5	62	271	**20HMTXS**	**20HMTXSS**	**20HMTXB**	280	210
28, 30, 32	1 1/4	18, 20	3/4	1 5/8-12	1 1/16-12	46	27.5	15.5	59.5	302	**20-12HMTXS**	**20-12HMTXSS**	**20-12HMTXB**	280	210
28, 30, 32	1 1/4	25	1	1 5/8-12	1 5/16-12	46	27.5	21.5	60.5	313	**20-16HMTXS**	**20-16HMTXSS**	**20-16HMTXB**	280	210
35, 38	1 1/2	35, 38	1 1/2	1 7/8-12	1 7/8-12	50	33	33	70	382	**24HMTXS**	**24HMTXSS**	**24HMTXB**	210	210
42		42		2 1/4-12	2 1/4-12	60	39	39	71.5	469	**28HMTXS**	**28HMTXSS**	**28HMTXB**	140	150
	2		2	2 1/2-12	2 1/2-12	67	45	45	86.5	785	**32 HTX-S**	**32HMTXSS**	**32HMTXB**	140	150

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

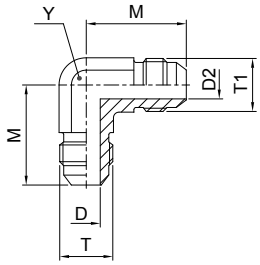
Pressure ratings – PN shown, apply to Steel and Stainless Steel versions of the product.

For Brass parts reduce pressures by 35%.

Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

EMTX Union elbow

JIC 37° Flare ends
SAE 070201 MS51505



Tube O.D. mm	Tube O.D. in.	Thread UN/UNF-2A T	Thread UN/UNF-2A T1	D mm	D2 mm	M mm	M1 mm	Y mm	Weight (steel) g/1 piece	Steel	Stainless Steel	Brass	PN (bar) S	PN (bar) SS
	1/8	5/16-24	5/16-24	1.6	1.6	20	20	11	18	**2 ETX-S**			500	—
	3/16	3/8-24	3/8-24	3	3	21	21	11	20	**3 ETX-S**			500	—
6	1/4	7/16-20	7/16-20	4.4	4.4	22.5	22.5	11	25	**4EMTXS**	**4EMTXSS**	**4 ETX-B**	500	350
8	5/16	1/2-20	1/2-20	6	6	24	24	13	32	**5EMTXS**	**5EMTXSS**	**5 ETX-B**	420	350
10	3/8	9/16-18	9/16-18	7.5	7.5	27	27	14	44	**6EMTXS**	**6EMTXSS**	**6 ETX-B**	420	350
10	3/8	9/16-18	7/16-20	7.5	4.4	27	27	14	40	**6-4 ETX-S**	**6-4EMTXSS**	**6-4 ETX-B**	420	350
12	1/2	3/4-16	3/8-24	9.9	9.9	32	32	19	88	**8EMTXS**	**8EMTXSS**	**8 ETX-B**	420	350
12	1/2	3/4-16	3/4-16	9.9	7.5	32	29	19	75	**8-6 ETX-S**	**8-6EMTXSS**		420	—
14, 15,16	5/8	7/8-14	7/8-14	12.3	12.3	37	37	22	139	**10EMTXS**	**10EMTXSS**	**10 ETX-B**	350	350
14, 15,16	5/8	7/8-14	3/4-16	12.3	9.9	37	34	22	120	**10-8 ETX-S**	**10-8EMTXSS**	**10-8 ETX-B**	350	350
18, 20	3/4	1 1/16-12	1 1/16-12	15.5	15.5	42	42	27	258	**12EMTXS**	**12EMTXSS**	**12 ETX-B**	350	350
18, 20	3/4	1 1/16-12	3/4-16	15.5	9.9	42	36	27	220	**12-8 ETX-S**	**12-8EMTXSS**		350	—
18, 20	3/4	1 1/16-12	7/8-14	15.5	12.3	42	39	27	240	**12-10 ETX-S**	**12-10EMTXSS**		350	—
22	7/8	1 3/16-12	1 3/16-12	18.3	18.3	45.5	45.5	30	273	**14 ETX-S**	**14EMTXSS**		280	—
22, 25	1	1 5/16-12	1 5/16-12	21.5	21.5	46	46	33	333	**16EMTXS**	**16EMTXSS**	**16 ETX-B**	280	280
22, 25	1	1 5/16-12	1 1/16-12	21.5	15.5	46	45	33	310	**16-12 ETX-S**	**16-12EMTXSS**	**16-12 ETX-B**	280	280
28, 30, 32	1 1/4	1 5/8-12	1 5/8-12	27.5	27.5	52	52	41	586	**20EMTXS**	**20EMTXSS**	**20 ETX-B**	280	210
35, 38	1 1/2	1 7/8-12	1 7/8-12	33	33	59	59	48	778	**24EMTXS**	**24EMTXSS**	**24 ETX-B**	210	140
42	1 3/4	2 1/4-12	2 1/4-12	39	39	74	74	63	1100	**28 ETX-S**			140	—
	2	2 1/2-12	2 1/2-12	45	45	78	78	64	1680	**32 ETX-S**			140	—

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$

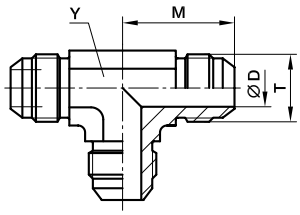
Pressure ratings – PN shown, apply to Steel and Stainless Steel versions of the product.

For Brass parts reduce pressures by 35%.

Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

JMTX Union tee

JIC 37° Flare end (three ends)
SAE 070401 MS51510



Tube O.D. mm	Tube O.D. in.	Thread UN/UNF-2A T	D mm	M mm	Y mm	Weight (steel) g/1 piece	Steel	Stainless Steel	Brass	PN (bar) S	PN (bar) SS
	1/8	5/16-24	1.6	19.5	8	25	**2 JTX-S**			500	—
	3/16	3/8-24	3	21	11	30	**3 JTX-S**			500	—
6	1/4	7/16-20	4.4	22.5	11	33	**4JMTXS**	**4JMTXSS**	**4 JTX-B**	500	350
8	5/16	1/2-20	6	24	13	42	**5JMTXS**	**5JMTXSS**	**5 JTX-B**	420	350
10	3/8	9/16-18	7.5	27	14	53	**6JMTXS**	**6JMTXSS**	**6 JTX-B**	420	350
12	1/2	3/4-16	9.9	32	19	118	**8JMTXS**	**8JMTXSS**	**8 JTX-B**	420	350
14, 15,16	5/8	7/8-14	12.3	27	22	182	**10JMTXS**	**10JMTXSS**	**10 JTX-B**	350	350
18, 20	3/4	1 1/16-12	15.5	42	27	291	**12JMTXS**	**12JMTXSS**	**12 JTX-B**	350	350
22	7/8	1 3/16-12	18	45.8	33	403	**14 JTX-S**	**14JMTXSS**	**14 JTX-B**	280	245
25	1	1 5/16-12	21.5	46	33	415	**16JMTXS**	**16JMTXSS**	**16 JTX-B**	280	280
28, 30, 32	1 1/4	1 5/8-12	27.5	52	41	706	**20JMTXS**	**20JMTXSS**	**20 JTX-B**	280	210
35, 38	1 1/2	1 7/8-12	33	59	48	990	**24 JTX-S**	**24JMTXSS**	**24 JTX-B**	210	140
42	1 3/4	2 1/4-12	39	74.5	63	2270	**28 JTX-S**			140	—
	2	2 1/2-12	45	78	63.5	2450	**32 JTX-S**			140	—

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

Pressure ratings – PN shown, apply to Steel and Stainless Steel versions of the product.

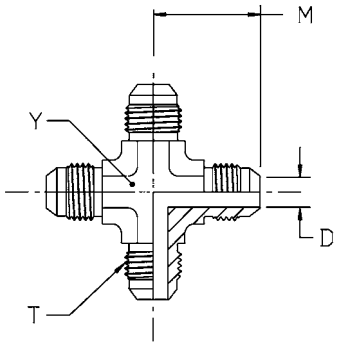
For Brass parts reduce pressures by 35%.

Union tee reducing up on request.

Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

KTX Union cross

JIC 37° Flare end (four ends)
SAE 070501 MS51517



Tube O.D. mm	Tube O.D. in.	Thread UN/UNF-2A T	D mm	M mm	Y mm	Weight (steel) g/1 piece	Steel	Stainless Steel	Brass	PN (bar) S	PN (bar) SS
6	1/4	7/16-20	4.4	22.5	11	41	**4 KTX-S**	**4 KTX-SS**	**4 KTX-B**	500	350
8	5/16	1/2-20	6	24	14	50	**5 KTX-S**	**5 KTX-SS**	**5 KTX-B**	420	350
10	3/8	9/16-18	7.5	27	14	68	**6 KTX-S**	**6 KTX-SS**	**6 KTX-B**	420	350
12	1/2	3/4-16	9.9	31.8	19	144	**8 KTX-S**	**8 KTX-SS**	**8 KTX-B**	420	350
14, 15,16	5/8	7/8-14	12	37	22	220	**10 KTX-S**	**10 KTX-SS**	**10 KTX-B**	350	350
18, 20	3/4	1 1/16-12	15.5	42	27	345	**12 KTX-S**	**12 KTX-SS**	**12 KTX-B**	350	350
25	1	1 5/16-12	21.5	46	33	588	**16 KTX-S**	**16 KTX-SS**	**16 KTX-B**	280	280

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$

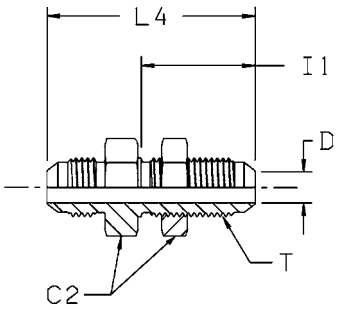
Pressure ratings – PN shown, apply to Steel and Stainless Steel versions of the product.

For Brass parts reduce pressures by 35%.

Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

WMTX Bulkhead union

JIC 37° Flare ends
SAE 070601 MS51520



Tube O.D. mm	Tube O.D. in.	Thread UN/UNF-2A T	C2 mm	D mm	I1 mm	L4 mm	Weight (steel) g/1 piece	Steel	Stainless Steel	Brass	PN (bar) S	PN (bar) SS
6	1/4	7/16-20	17	4.4	30.5	52.5	41	**4WMTXWLNMS**	**4WMTXWLNMSS**	**4WMTXWLNMB**	500	350
8	5/16	1/2-20	19	6	30.5	52.5	49	**5WMTXWLNMS**	**5WMTXWLNMSS**	**5WMTXWLNMB**	420	350
10	3/8	9/16-18	22	7.5	32.5	55.5	64	**6WMTXWLNMS**	**6WMTXWLNMSS**	**6WMTXWLNMB**	420	350
12	1/2	3/4-16	24	9.9	36.5	62	111	**8WMTXWLNMS**	**8WMTXWLNMSS**	**8WMTXWLNMB**	420	350
14, 15,16	5/8	7/8-14	30	12.3	40	70	157	**10WMTXWLNMS**	**10WMTXWLNMSS**	**10WMTXWLNMB**	350	350
18, 20	3/4	1 1/16-12	36	15.5	44.5	78.5	254	**12WMTXWLNMS**	**12WMTXWLNMSS**	**12WMTXWLNMB**	350	350
22	7/8	1 3/16-12	38	18.3	44.5	79.3	296	**14 WTX-WLN-S**	**14WMTXWLNMSS**	**14WMTXWLNMB**	280	280
25	1	1 5/16-12	41	21.5	44.5	80	337	**16WMTXWLNMS**	**16WMTXWLNMSS**	**16WMTXWLNMB**	280	280
28, 30, 32	1 1/4	1 5/8-12	50	27.5	46	84	462	**20WMTXWLNMS**	**20WMTXWLNMSS**	**20WMTXWLNMB**	280	210
35, 38	1 1/2	1 7/8-12	55	33	46	89.5	695	**24WMTXWLNMS**	**24WMTXWLNMSS**	**24WMTXWLNMB**	210	140

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

For the version without the locknut remove “WLNM” (e. g. 16WMTX)

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

Pressure ratings – PN shown, apply to Steel and Stainless Steel versions of the product.

For Brass parts reduce pressures by 35%.

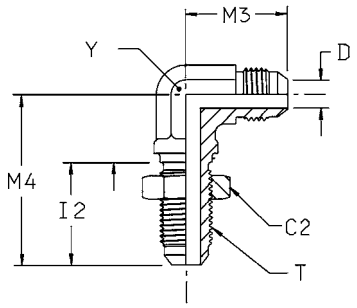
Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

Maximum bulkhead wallthickness

Size	Tube O.D. inch	Tube O.D. metric	Straight bulkhead union Max. thickness mm	Shape bulkhead union Max. thickness mm
4	1/4	6	8.4	5.3
5	5/16	8	8.4	5.3
6	3/8	10	10.7	7.1
8	1/2	12	11.2	8.4
10	5/8	14–16	10.9	8.1
12	3/4	18–20	11.2	8.6
14	7/8	22	10.4	7.9
16	1	25	9.9	7.4
20	1 1/4	28–32	10.2	7.4
24	1 1/2	35–38	7.1	—
32	2		7.1	—

WEMTX Bulkhead union elbow

JIC 37° Flare ends
SAE 070701 MS51507



Tube O.D. mm	Tube O.D. in.	Thread UN/UNF-2A T	C2 mm	D mm	I2 mm	M3 mm	M4 mm	Y mm	Weight (steel) g/1 piece	Steel	Stainless Steel	Brass	PN (bar) S	PN (bar) SS
6	1/4	7/16-20	17.5	4.4	23	25	40	11	44	**4 WETX-WLN-S**	**4 WETX-WLN-SS**	**4 WETX-WLN-B**	500	350
8	5/16	1/2-20	19	6	26	27	44	14	59	**5 WEMTXWLNMS**	**5 WETX-WLN-SS**	**5 WETX-WLN-B**	420	350
10	3/8	9/16-18	22	7.5	28	28	46	14	72	**6WEMTXWLNMS**	**6 WETX-WLN-SS**	**6 WETX-WLN-B**	420	350
12	1/2	3/4-16	24	9.9	32	34.5	54	19	145	**8WEMTXWLNMS**	**8 WETX-WLN-SS**	**8 WETX-WLN-B**	420	350
14, 15,16	5/8	7/8-14	30	12	35	40	61	22	212	**10WEMTXWLNMS**	**10 WETX-WLN-SS**	**10 WETX-WLN-B**	350	350
18, 20	3/4	1 1/16-12	36	15.5	40	45	68	27	345	**12WEMTXWLNMS**	**12 WETX-WLN-SS**	**12 WETX-WLN-B**	350	350
22	7/8	1 3/16-12	38	18	40	49	71	33	370	**14 WETX-WLN-S**	**14 WETX-WLN-SS**		280	280
25	1	1 5/16-12	41	21.5	40	49	71	33	474	**16 WETX-WLN-S**	**16 WETX-WLN-SS**		280	280
28, 30, 32	1 1/4	1 5/8-12	47.6	27.4	41	55	79	41	753	**20 WETX-WLN-S**	**20 WETX-WLN-SS**		280	280

Order codes shown are part of our current manufacturing programme.

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For the version without the locknut remove “WLNM” (e. g. 16WETX)

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

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For Brass parts reduce pressures by 35%.

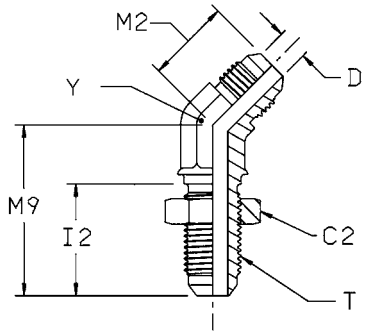
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Maximum bulkhead wallthickness

Size	Tube O.D. inch	Tube O.D. metric	Straight bulkhead union Max. thickness mm	Shape bulkhead union Max. thickness mm
4	1/4	6	8.4	5.3
5	5/16	8	8.4	5.3
6	3/8	10	10.7	7.1
8	1/2	12	11.2	8.4
10	5/8	14–16	10.9	8.1
12	3/4	18–20	11.2	8.6
14	7/8		10.4	7.9
16	1	22–25	9.9	7.4
20	1 1/4	28–32	10.2	7.4
24	1 1/2	35–38	7.1	—
32	2		7.1	—

WNTX 45° Bulkhead union elbow

JIC Flare ends
SAE 070801 MS51509



Tube O.D. mm	Tube O.D. in.	Thread UN/UNF-2A T	C2 mm	D mm	I2 mm	M2 mm	M9 mm	Y mm	Weight (steel) g/1 piece	Steel	Stainless Steel	PN (bar) S	PN (bar) SS
6	1/4	7/16-20	17.5	4.4	26	18	39	11	32	**4 WNTX-WLN-S**	**4 WNTX-WLN-SS**	500	350
8	5/16	1/2-20	19	6	26	20	42	14	41	**5 WNTX-WLN-S**		420	—
10	3/8	9/16-18	20.5	7.5	28	21	42	14	48	**6 WNTX-WLN-S**	**6 WNTX-WLN-SS**	420	350
12	1/2	3/4-16	25.5	9.9	32	33	62	19	105	**8 WNTX-WLN-S**	**8 WNTX-WLN-SS**	420	350
14, 15,16	5/8	7/8-14	28.5	12.3	35	28	55	22	152	**10 WNTX-WLN-S**	**10 WNTX-WLN-SS**	350	350
18, 20	3/4	1 1/16-12	35	15.5	40	33	62	27	245	**12 WNTX-WLN-S**	**12 WNTX-WLN-SS**	350	350
22, 25	1	1 5/16-12	41	21.5	40	37	65	33	355	**16 WNTX-WLN-S**	**16 WNTX-WLN-SS**	280	280
28, 30, 32	1 1/4	1 5/8-12	47.6	27.4	41	40	67	41	465	**20 WNTX-WLN-S**		280	—

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

For the version without the locknut remove “WLN” (e.g. 16 WNTX)

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

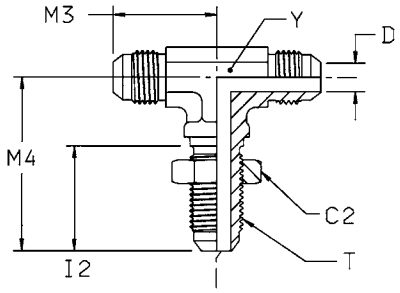
Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

Maximum bulkhead wallthickness

Size	Tube O.D. inch	Tube O.D. metric	Straight bulkhead union Max. thickness mm	Shape bulkhead union Max. thickness mm
4	1/4	6	8.4	5.3
5	5/16	8	8.4	5.3
6	3/8	10	10.7	7.1
8	1/2	12	11.2	8.4
10	5/8	14–16	10.9	8.1
12	3/4	18–20	11.2	8.6
14	7/8		10.4	7.9
16	1	22–25	9.9	7.4
20	1 1/4	28–32	10.2	7.4
24	1 1/2	35–38	7.1	—
32	2		7.1	—

WJTX Bulkhead branch tee

JIC 37° Flare ends
SAE 070959 MS51515



Tube O.D. mm	Tube O.D. in.	Thread UN/UNF-2A T	C2 mm	D mm	I2 mm	M3 mm	M4 mm	Y mm	Weight (steel) g/1 piece	Steel	Stainless Steel	PN (bar) S	PN (bar) SS
6	1/4	7/16-20	17.5	4.4	26	25	40	11	45	**4 WJTX-WLN-S**	**4 WJTX-WLN-SS**	500	350
10	3/8	9/16-18	20.6	7.5	28	28	46	14	71	**6 WJTX-WLN-S**	**6 WJTX-WLN-SS**	420	350
12	1/2	3/4-16	25	9.9	32	35	54	19	158	**8 WJTX-WLN-S**	**8 WJTX-WLN-SS**	420	350
14, 15,16	5/8	7/8-14	28.5	12	35	40	61	27	297	**10 WJTX-WLN-S**	**10 WJTX-WLN-SS**	350	350
18, 20	3/4	1 1/16-12	35	15.5	40	45	68	27	379	**12 WJTX-WLN-S**	**12 WJTX-WLN-SS**	350	350
22, 25	1	1 5/16-12	41.3	21.4	40	49	71	33	420	**16 WJTX-WLN-S**		280	—
28, 30, 32	1 1/4	1 5/8-12	47.6	24.4	41	55	79	44.5	500	**20 WJTX-WLN-S**		280	—

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

For the version without the locknut remove “WLN” (e.g. 16 WJTX)

$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$

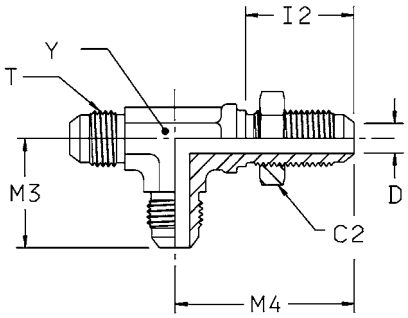
Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

Maximum bulkhead wallthickness

Size	Tube O.D. inch	Tube O.D. metric	Straight bulkhead union Max. thickness mm	Shape bulkhead union Max. thickness mm
4	1/4	6	8.4	5.3
5	5/16	8	8.4	5.3
6	3/8	10	10.7	7.1
8	1/2	12	11.2	8.4
10	5/8	14–16	10.9	8.1
12	3/4	18–20	11.2	8.6
14	7/8		10.4	7.9
16	1	22–25	9.9	7.4
20	1 1/4	28–32	10.2	7.4
24	1 1/2	35–38	7.1	—
32	2		7.1	—

WJJTX Bulkhead run tee

JIC 37° Flare ends
SAE 070958 MS51516



Tube O.D. mm	Tube O.D. in.	Thread UN/UNF-2A T	C2 mm	D mm	I2 mm	M3 mm	M4 mm	Y mm	Weight (steel) g/1 piece	Steel	PN (bar)
6	1/4	7/16-20	17.5	4.4	26	25	40	11	58	**4 WJJTX-WLN-S**	500
10	3/8	9/16-18	20.6	7.5	28	28	46	14	75	**6 WJJTX-WLN-S**	420
12	1/2	3/4-16	25	9.9	32	35	54	19	158	**8 WJJTX-WLN-S**	420
14, 15,16	5/8	7/8-14	28.5	12	35	40	61	27	309	**10 WJJTX-WLN-S**	350
18, 20	3/4	1 1/16-12	35	15.5	40	45	68	27	340	**12 WJJTX-WLN-S**	350
22, 25	1	1 5/16-12	41.3	21.5	40	49	71	36.5	390	**16 WJJTX-WLN-S**	280
28, 30, 32	1 1/4	1 5/8-12	47.6	27.5	41	55	79	44.5	450	**20 WJJTX-WLN-S**	280

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

For the version without the locknut remove “WLN” (e.g. 16 WJJTX)

$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$

Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

Maximum bulkhead wallthickness

Size	Tube O.D. inch	Tube O.D. metric	Straight bulkhead union Max. thickness mm	Shape bulkhead union Max. thickness mm
4	1/4	6	8.4	5.3
5	5/16	8	8.4	5.3
6	3/8	10	10.7	7.1
8	1/2	12	11.2	8.4
10	5/8	14–16	10.9	8.1
12	3/4	18–20	11.2	8.6
14	7/8		10.4	7.9
16	1	22–25	9.9	7.4
20	1 1/4	28–32	10.2	7.4
24	1 1/2	35–38	7.1	—
32	2		7.1	—