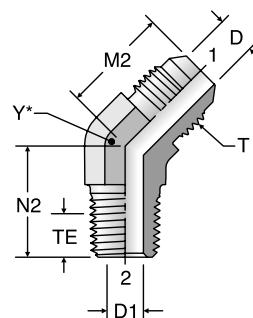


VTX

45° Male Elbow
37° Flare / NPTF

SAE 070302



Y* – Across wrench flats

TUBE FITTING PART #	HOSE FITTING PART #	END SIZE		T TUBE END UN/UNF-2A	D DRILL (in.)	D1 DRILL (in.)	M2 (in.)	N2 (in.)	TE (in.)	Y (in.)	Dynamic Pressure (x 1,000 PSI)		
		1 (in.)	2 NPTF								-S	-SS	-B
2 VTX	3103-2-2	1/8	1/8 - 27	5/16 - 24	0.062	0.188	0.69	0.53	0.24	7/16	6.0	6.0	3.3
3 VTX	3103-2-3	3/16	1/8 - 27	3/8 - 24	0.125	0.188	0.69	0.52	0.24	7/16	6.0	6.0	3.3
4 VTX	3103-2-4	1/4	1/8 - 27	7/16 - 20	0.172	0.188	0.72	0.64	0.24	7/16	6.0	6.0	3.3
4-4 VTX	3103-4-4	1/4	1/4 - 18	7/16 - 20	0.172	0.281	0.82	0.86	0.34	9/16	6.0	6.0	3.3
4-6 VTX	3103-6-4	1/4	3/8 - 18	7/16 - 20	0.172	0.406	0.92	0.95	0.46	3/4	6.0	6.0	3.3
5 VTX	3103-2-5	5/16	1/8 - 27	1/2 - 20	0.234	0.188	0.77	0.64	0.24	9/16	6.0	6.0	3.3
5-4 VTX	3103-4-5	5/16	1/4 - 18	1/2 - 20	0.234	0.281	0.82	0.86	0.34	9/16	6.0	6.0	3.3
6 VTX	3103-4-6	3/8	1/4 - 18	9/16 - 18	0.297	0.281	0.85	0.86	0.34	9/16	6.0	6.0	3.3
6-2 VTX	3103-2-6	3/8	1/8 - 27	9/16 - 18	0.297	0.188	0.83	0.67	0.24	9/16	6.0	6.0	3.3
6-6 VTX	3103-6-6	3/8	3/8 - 18	9/16 - 18	0.297	0.406	0.87	0.95	0.35	3/4	6.0	6.0	3.3
6-8 VTX	3103-8-6	3/8	1/2 - 14	9/16 - 18	0.297	0.531	0.88	1.17	0.46	7/8	6.0	6.0	3.3
8 VTX	3103-6-8	1/2	3/8 - 18	3/4 - 16	0.391	0.406	0.98	0.95	0.35	3/4	6.0	6.0	3.3
8-4 VTX	3103-4-8	1/2	1/4 - 18	3/4 - 16	0.391	0.281	0.98	0.95	0.34	3/4	6.0	6.0	3.3
8-8 VTX	3103-8-8	1/2	1/2 - 14	3/4 - 16	0.391	0.531	0.99	1.17	0.46	7/8	6.0	6.0	3.3
8-12 VTX	3103-12-8	1/2	3/4 - 14	3/4 - 16	0.391	0.719	1.04	1.20	0.48	1 1/16	4.0	4.0	2.6
10 VTX	3103-8-10	5/8	1/2 - 14	7/8 - 14	0.484	0.531	1.11	1.17	0.46	7/8	5.0	5.0	3.3
10-6 VTX	3103-6-10	5/8	3/8 - 18	7/8 - 14	0.484	0.406	1.11	0.98	0.35	7/8	5.0	5.0	3.3
10-12 VTX	3103-12-10	5/8	3/4 - 14	7/8 - 14	0.484	0.719	1.28	1.20	0.48	1 1/16	4.0	4.0	2.6
12 VTX	3103-12-12	3/4	3/4 - 14	1 1/16 - 12	0.610	0.719	1.28	1.20	0.48	1 1/16	4.0	4.0	2.6
12-8 VTX	3103-8-12	3/4	1/2 - 14	1 1/16 - 12	0.610	0.531	1.28	1.20	0.46	1 1/16	5.0	5.0	2.9
12-16 VTX	3103-16-12	3/4	1 - 11 1/2	1 1/16 - 12	0.610	0.938	1.42	1.49	0.57	1 5/16	3.0	3.0	2.0
14 VTX	3103-12-14	7/8	3/4 - 14	1 3/16 - 12	0.718	0.719	1.45	1.30	0.48	1 5/16	4.0	4.0	2.3
16 VTX	3103-16-16	1	1 - 11 1/2	1 5/16 - 12	0.844	0.938	1.47	1.48	0.57	1 5/16	3.0	3.0	2.0
16-12 VTX	3103-12-16	1	3/4 - 14	1 5/16 - 12	0.844	0.719	1.47	1.29	0.48	1 5/16	4.0	4.0	2.3
16-20 VTX	3103-20-16	1	1 1/4 - 11 1/2	1 5/16 - 12	0.844	1.250	1.59	1.67	0.59	1 5/8	2.5	2.5	1.6
20 VTX	3103-20-20	1 1/4	1 1/4 - 11 1/2	1 5/8 - 12	1.078	1.250	1.59	1.67	0.59	1 5/8	2.5	2.5	1.6
20-16 VTX	3103-16-20	1 1/4	1 - 11 1/2	1 5/8 - 12	1.078	0.938	1.59	1.63	0.57	1 5/8	3.0	3.0	2.0
24 VTX	3103-24-24	1 1/2	1 1/2 - 11 1/2	1 7/8 - 12	1.312	1.500	1.78	1.77	0.59	1 7/8	2.5	2.5	1.6
32 VTX	3103-32-32	2	2 - 11 1/2	2 1/2 - 12	1.781	1.938	2.22	2.11	0.61	2 1/2	2.0	2.0	1.3

Note: All "VTX" fittings include a 30° chamfer for sealing with NPSM swivel type fittings (steel only)

Dimensions and pressures for reference only, subject to change.

