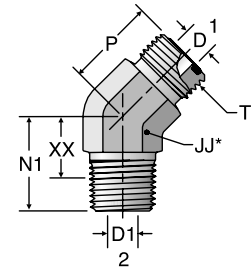


VLO

45° Male Elbow
ORFS / NPTF



* JJ – Across Wrench Flats

TUBE FITTING PART #	END SIZE		T TUBE END UN/UNF-2A	D DRILL (in.)	D1 DRILL (in.)	JJ (in.)	N1 (in.)	P (in.)	XX AFTER ASSY (in.)	Dynamic Pressure (x 1,000 PSI)	
	1 (in.)	2 NPTF								-S	-SS
	4 VLO	1/4								1/8 - 27	9/16 - 18
4-4 VLO	1/4	1/4 - 18	9/16 - 18	0.177	0.281	9/16	0.86	0.68	0.52	6.0	6.0
6 VLO	3/8	1/4 - 18	11/16 - 16	0.256	0.281	3/4	0.87	0.74	0.53	6.0	6.0
6-6 VLO	3/8	3/8 - 18	11/16 - 16	0.256	0.406	3/4	0.87	0.74	0.52	6.0	6.0
8 VLO	1/2	3/8 - 18	13/16 - 16	0.374	0.406	3/4	0.95	0.80	0.60	6.0	6.0
8-8 VLO	1/2	1/2 - 14	13/16 - 16	0.374	0.531	7/8	1.17	0.86	0.71	6.0	6.0
10 VLO	5/8	1/2 - 14	1 - 14	0.492	0.531	1 1/16	1.17	0.92	0.71	6.0	6.0
12 VLO	3/4	3/4 - 14	1 3/16 - 12	0.610	0.719	1 5/16	1.30	1.02	0.82	4.0	4.0
16 VLO	1	1 - 11 1/2	1 7/16 - 12	0.807	0.937	1 7/16	1.48	1.18	0.91	3.0	3.0
20 VLO	1 1/4	1 1/4 - 11 1/2	1 11/16 - 12	1.024	1.250	1 5/8	1.67	1.26	1.08	2.5	2.5

All o-rings and seals are shown in [Section N](#) of this catalog.

Dimensions and pressures for reference only, subject to change.