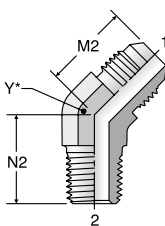


VTX Full Dimensions

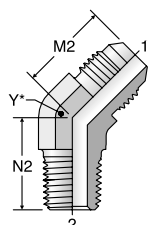
45° Male Elbow
37° Flare / NPTF

SAE 070302
HPD Base # 3103



Y* – Across wrench flats

TUBE FITTING PART #	END SIZE		M2 (in.)	N2 (in.)	Y (in.)	STANDARD Dynamic Pressure (x 1,000 PSI)		
	1	2				-S	-SS	-B
	(in.)	NPTF						
2 VTX	1/8	1/8-27	0.69	0.53	7/16	6.0	6.0	
3 VTX	3/16	1/8-27	0.69	0.53	7/16	6.0		
4 VTX	1/4	1/8-27	0.72	0.64	7/16	6.0	6.0	3.3
4-4 VTX	1/4	1/4-18	0.82	0.86	9/16	6.0	6.0	3.3
4-6 VTX	1/4	3/8-18	0.92	0.95	3/4	6.0		
5 VTX	5/16	1/8-27	0.77	0.64	9/16	6.0	6.0	3.3
5-4 VTX	5/16	1/4-18	0.82	0.86	9/16	6.0	6.0	
6 VTX	3/8	1/4-18	0.83	0.86	9/16	6.0	6.0	3.3
6-2 VTX	3/8	1/8-27	0.83	0.67	9/16	6.0	6.0	3.3
6-6 VTX	3/8	3/8-18	0.87	0.95	3/4	6.0	6.0	3.3
6-8 VTX	3/8	1/2-14	1.06	1.17	7/8	6.0	6.0	
8 VTX	1/2	3/8-18	0.98	0.95	3/4	6.0	6.0	3.3
8-4 VTX	1/2	1/4-18	0.98	0.95	3/4	6.0	6.0	
8-8 VTX	1/2	1/2-14	0.99	1.17	7/8	6.0	6.0	3.3
8-12 VTX	1/2	3/4-14	1.04	1.20	1 1/16	4.0	4.0	
10 VTX	5/8	1/2-14	1.11	1.17	7/8	5.0	5.0	3.3
10-6 VTX	5/8	3/8-18	1.11	0.98	7/8	5.0	5.0	
10-12 VTX	5/8	3/4-14	1.28	1.20	1 1/16	4.0		
12 VTX	3/4	3/4-14	1.28	1.20	1 1/16	4.0	4.0	2.6
12-8 VTX	3/4	1/2-14	1.28	1.20	1 1/16	5.0	5.0	
12-16 VTX	3/4	1-11 1/2	1.42	1.48	1 5/16	3.0		
14 VTX	7/8	3/4-14	1.39	1.27	1 5/16	4.0		
16 VTX	1	1-11 1/2	1.47	1.48	1 5/16	3.0	3.0	2.0
16-12 VTX	1	3/4-14	1.47	1.29	1 5/16	4.0	4.0	
16-20 VTX	1	1 1/4-11 1/2	1.59	1.67	1 5/8	2.5		
20 VTX	1 1/4	1 1/4-11 1/2	1.59	1.67	1 5/8	2.5	2.5	
20-16 VTX	1 1/4	1-11 1/2	1.59	1.63	1 5/8	3.0		
24 VTX	1 1/2	1 1/2-11 1/2	1.78	1.77	1 7/8	2.5	2.5	
32 VTX	2	2-11 1/2	2.22	2.11	2 1/2	2.0		



Y* – Across wrench flats

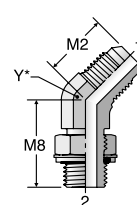
V3MX Full Dimensions

Male 45° Elbow – BSPT
37° Flare / BSPT

TUBE FITTING PART #	END SIZE		M2 (mm)	N2 (mm)	Y (mm)	STANDARD Dynamic Pressure (x 1,000 PSI)		
	1	2				-S	-SS	-B
	(mm)	(in.)						
4V3MX	6	1/4	1/8-28	18.3	16.3	11	4.5	
4-4V3MX	6	1/4	1/4-19	20.8	21.8	14	4.5	
6V3MX	10	3/8	1/4-19	21.1	21.8	14	4.5	
6-6V3MX	10	3/8	3/8-19	22.1	24.1	19	4.5	
8V3MX	12	1/2	3/8-19	24.9	24.1	19	4.5	
8-8V3MX	12	1/2	1/2-14	25.2	29.7	22	4.5	
12V3MX	18, 20	3/4	3/4-14	32.5	30.5	27	2.3	

V40MX Full Dimensions

Male 45° Elbow – BSPP
37° Flare / BSPP-ORR



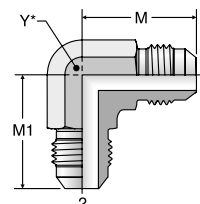
Y* – Across wrench flats

TUBE FITTING PART #	END SIZE		M2 (mm)	M8 (mm)	Y (mm)	STANDARD Dynamic Pressure (x 1,000 PSI)		
	1	2				-S	-SS	-B
	(mm)	(in.)						
4V40MX	6	1/4	1/8-28	18.3	26.7	11	3.6	
6V40MX	10	3/8	1/4-19	21.1	29.0	14	3.6	
8V40MX	12	1/2	3/8-19	24.9	33.0	19	3.6	
10V40MX	14, 15, 16	5/8	1/2-14	28.2	38.6	22	3.6	
12V40MX	18, 20	3/4	3/4-14	32.5	43.9	27	3.6	
16V40MX	25	1	1-11	37.2	47.2	33	3.6	

ETX Full Dimensions

Union Elbow
37° Flare / 37° Flare

SAE 070201
HPD Base # 2303



Y* – Across wrench flats

TUBE FITTING PART #	END SIZE		M (in.)	M1 (in.)	Y (in.)	STANDARD Dynamic Pressure (x 1,000 PSI)		
	1	2				-S	-SS	-B
	(in.)	(in.)						
2 ETX	1/8	1/8	0.78	0.78	7/16	7.5	7.7	
3 ETX	3/16	3/16	0.83	0.83	7/16			
4 ETX	1/4	1/4	0.89	0.89	7/16	7.5	7.7	3.3
5 ETX	5/16	5/16	0.95	0.95	9/16	6.0	6.0	3.3
6 ETX	3/8	3/8	1.06	1.06	9/16	6.0	6.0	3.3
6-4 ETX	3/8	1/4	1.06	1.05	9/16	6.0		
8 ETX	1/2	1/2	1.25	1.25	3/4	6.0	6.0	3.3
8-6 ETX	1/2	3/8	1.25	1.14	3/4	6.0		
10 ETX	5/8	5/8	1.45	1.45	7/8	5.0	5.0	3.3
10-8 ETX	5/8	1/2	1.45	1.33	7/8	5.0		
12 ETX	3/4	3/4	1.66	1.66	1 1/16	5.0	5.0	3.3
12-8 ETX	3/4	1/2	1.66	1.42	1 1/16			
12-10 ETX	3/4	5/8	1.66	1.54	1 1/16		5.0	
14 ETX	7/8	7/8	1.73	1.73	1 3/16	5.0		
16 ETX	1	1	1.81	1.81	1 5/16	4.0	3.5	2.3
16-12 ETX	1 to 3/4	3/4	1.81	1.77	1 5/16			
20 ETX	1 1/4	1 1/4	2.06	2.06	1 5/8	4.0	3.0	
24 ETX	1 1/2	1 1/2	2.33	2.33	1 7/8	3.0	2.0	
32 ETX	2	2	3.06	3.06	2 1/2	2.0	1.5	

Dimensions and pressures for reference only, subject to change.