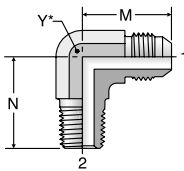
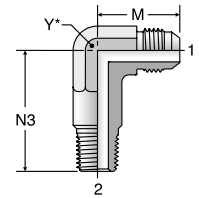


CTX Full DimensionsMale Elbow
37° Flare / NPTFSAE 070202
HPD Base # 2103

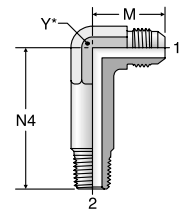
Y* – Across wrench flats

TUBE FITTING PART #	END SIZE		M (in.)	N (in.)	Y (in.)	STANDARD Dynamic Pressure (x 1,000 PSI)		
	1 (in.)	2 NPTF				-S	-SS	-B
2 CTX	1/8	1/8-27	0.77	0.72	5/16	6.0	6.0	3.3
3 CTX	3/16	1/8-27	0.83	0.72	3/8	6.0	6.0	3.3
4 CTX	1/4	1/8-27	0.89	0.78	7/16	6.0	6.0	3.3
4-4 CTX	1/4	1/4-18	1.05	1.09	9/16	6.0	6.0	3.3
4-6 CTX	1/4	3/8-18	1.13	1.22	3/4	6.0	6.0	3.3
4-8 CTX	1/4	1/2-14	1.23	1.44	7/8	6.0	6.0	3.3
5 CTX	5/16	1/8-27	0.95	0.78	9/16	6.0	6.0	3.3
5-4 CTX	5/16	1/4-18	1.05	1.09	9/16	6.0	6.0	3.3
5-6 CTX	5/16	3/8-18	1.13	1.22	3/4	6.0	6.0	3.3
6 CTX	3/8	1/4-18	1.06	1.09	9/16	6.0	6.0	3.3
6-2 CTX	3/8	1/8-27	1.06	0.90	9/16	6.0	6.0	3.3
6-6 CTX	3/8	3/8-18	1.14	1.22	3/4	6.0	6.0	3.3
6-8 CTX	3/8	1/2-14	1.22	1.47	7/8	6.0	6.0	3.3
6-12 CTX	3/8	3/4-14	1.31	1.59	1 1/16	4.0	4.0	3.3
8 CTX	1/2	3/8-18	1.25	1.22	3/4	6.0	6.0	3.3
8-4 CTX	1/2	1/4-18	1.25	1.22	3/4	6.0	6.0	3.3
8-8 CTX	1/2	1/2-14	1.33	1.47	7/8	6.0	6.0	3.3
8-12 CTX	1/2	3/4-14	1.42	1.59	1 1/16	4.0	4.0	2.6
8-16 CTX	1/2	1-11 1/2	1.52	1.97	1 5/16	3.0	3.0	3.3
10 CTX	5/8	1/2-14	1.45	1.47	7/8	5.0	5.0	3.3
10-6 CTX	5/8	3/8-18	1.45	1.28	7/8	5.0	5.0	3.3
10-12 CTX	5/8	3/4-14	1.53	1.59	1 1/16	4.0	4.0	3.3
10-16 CTX	5/8	1-11 1/2	1.64	1.97	1 5/16	3.0	3.0	3.3
12 CTX	3/4	3/4-14	1.66	1.59	1 1/16	4.0	4.0	2.6
12-6 CTX	3/4	3/8-18	1.66	1.41	1 1/16	5.0	5.0	2.9
12-8 CTX	3/4	1/2-14	1.66	1.59	1 1/16	5.0	5.0	2.9
12-16 CTX	3/4	1-11 1/2	1.76	1.97	1 5/16	3.0	3.0	2.3
14 CTX	7/8	3/4-14	1.80	1.69	1 5/16	4.0	4.0	2.0
16 CTX	1	1-11 1/2	1.81	1.97	1 5/16	3.0	3.0	2.0
16-8 CTX	1	1/2-14	1.81	1.66	1 5/16	4.0	4.0	2.3
16-12 CTX	1	3/4-14	1.81	1.78	1 5/16	4.0	4.0	1.6
16-20 CTX	1	1 1/4-11 1/2	2.13	2.38	1 5/8	2.5	2.5	3.3
20 CTX	1 1/4	1 1/4-11 1/2	2.06	2.38	1 5/8	2.5	2.5	3.3
20-16 CTX	1 1/4	1-11 1/2	2.06	2.06	1 5/8	3.0	3.0	3.3
20-24 CTX	1 1/4	1 1/2-11 1/2	2.20	2.64	1 7/8	2.5	2.5	3.3
24 CTX	1 1/2	1 1/2-11 1/2	2.33	2.64	1 7/8	2.5	2.5	3.3
24-20 CTX	1 1/2	1 1/4-11 1/2	2.33	2.25	1 7/8	2.5	2.5	3.3
24-32 CTX	1 1/2	2-11 1/2	2.81	3.00	2 1/2	2.0	2.0	3.3
32 CTX	2	2-11 1/2	3.06	3.00	2 1/2	2.0	2.0	3.3
32-24 CTX	2	1 1/2-11 1/2	3.06	2.97	2 1/2	2.0	2.0	3.3
40 CTX	2 1/2	2 1/2-8	2.86	3.57	3 1/4	2.0	2.0	3.3

CCTX Full DimensionsLong Male Elbow
37° Flare / NPTFSAE 071502
HPD Base # 5603

Y* – Across wrench flats

TUBE FITTING PART #	END SIZE		M (in.)	N3 (in.)	Y (in.)	STANDARD Dynamic Pressure (x 1,000 PSI)		
	1 (in.)	2 NPTF				-S	-SS	-B
4 CCTX	1/4	1/8-27	0.89	1.19	7/16	6.0	6.0	3.3
4-4 CCTX	1/4	1/4-18	1.05	1.44	9/16	6.0	6.0	3.3
5 CCTX	5/16	1/8-27	0.95	1.17	9/16	6.0	6.0	3.3
6 CCTX	3/8	1/4-18	1.06	1.56	9/16	6.0	6.0	3.3
6-6 CCTX	3/8	3/8-18	1.14	1.81	3/4	6.0	6.0	3.3
8 CCTX	1/2	3/8-18	1.25	1.78	3/4	6.0	6.0	3.3
8-8 CCTX	1/2	1/2-14	1.34	2.16	7/8	6.0	6.0	3.3
8-12 CCTX	1/2	3/4-14	1.42	2.44	1 1/16	4.0	4.0	3.3
10 CCTX	5/8	1/2-14	1.45	2.16	7/8	5.0	5.0	3.3
12 CCTX	3/4	3/4-14	1.66	2.41	1 1/16	4.0	4.0	3.3
14 CCTX	7/8	3/4-14	1.80	2.59	1 5/16	3.0	3.0	3.3
16 CCTX	1	1-11 1/2	1.81	2.97	1 5/16	3.0	3.0	3.3
20 CCTX	1 1/4	1 1/4-11 1/2	2.06	3.66	1 5/8	2.5	2.5	3.3

CCCTX Full DimensionsExtra Long Male Elbow
37° Flare / NPTFSAE 071602
HPD Base # 5703

Y* – Across wrench flats

TUBE FITTING PART #	END SIZE		M (in.)	N4 (in.)	Y (in.)	STANDARD Dynamic Pressure (x 1,000 PSI)		
	1 (in.)	2 NPTF				-S	-SS	-B
4 CCCTX	1/4	1/8-27	0.89	1.56	7/16	6.0	6.0	3.3
4-4 CCCTX	1/4	1/4-18	1.05	2.03	9/16	6.0	6.0	3.3
5 CCCTX	5/16	1/8-27	0.97	1.63	9/16	6.0	6.0	3.3
6 CCCTX	3/8	1/4-18	1.06	2.07	9/16	6.0	6.0	3.3
6-6 CCCTX	3/8	3/8-18	1.14	2.34	3/4	6.0	6.0	3.3
8 CCCTX	1/2	3/8-18	1.25	2.34	3/4	6.0	6.0	3.3
8-8 CCCTX	1/2	1/2-14	1.34	2.84	7/8	6.0	6.0	3.3
10 CCCTX	5/8	1/2-14	1.45	2.84	7/8	5.0	5.0	3.3
12 CCCTX	3/4	3/4-14	1.66	3.22	1 1/16	4.0	4.0	3.3
16 CCCTX	1	1-11 1/2	1.81	3.97	1 5/16	3.0	3.0	3.3
20 CCCTX	1 1/4	1 1/4-11 1/2	2.06	4.94	1 5/8	2.5	2.5	3.3

Dimensions and pressures for reference only, subject to change.