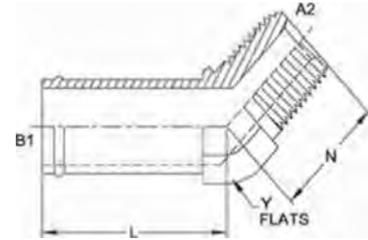


Tube Fittings & Adapters

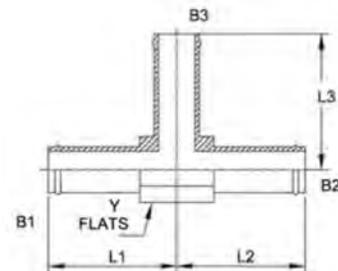
HB-MP 45° 4503 Series



C-062

PART NO.SIZE	B1 TUBE O.D.	A2 NPTF	B1 DRILL	A2 DRILL	I LOTH	N LOTH	Y FLATS
4503-04-02-FG	1/4	1/8-27	0.189	0.188	1.562	0.640	0.500
4503-04-04-FG	1/4	1/4-18	0.189	0.281	1.810	0.830	0.625
4503-05-02-FG	5/16	1/8-27	0.252	0.188	1.650	0.640	0.500
4503-06-04-FG	3/8	1/4-18	0.295	0.281	1.625	0.859	0.625
4503-06-06-FG	3/8	3/8-18	0.295	0.406	1.710	0.950	0.812
4503-08-04-FG	1/2	1/4-18	0.406	0.281	1.710	0.830	0.625
4503-08-06-FG	1/2	3/8-18	0.406	0.406	1.687	0.953	0.812
4503-08-08-FG	1/2	1/2-14	0.406	0.531	1.740	1.180	0.937
4503-10-06-FG	5/8	3/8-18	0.500	0.406	1.718	0.981	0.937
4503-10-08-FG	5/8	1/2-14	0.500	0.531	1.718	1.171	0.937
4503-10-12-FG	5/8	3/4-14	0.500	0.719	1.830	1.220	1.125
4503-12-08-FG	3/4	1/2-14	0.626	0.531	1.760	1.170	0.937
4503-12-12-FG	3/4	3/4-14	0.626	0.719	1.718	1.203	1.125
4503-12-16-FG	3/4	1-11 1/2	0.626	0.938	2.100	1.540	1.375
4503-16-12-FG	1	3/4-14	0.843	0.719	1.750	1.203	1.125
4503-16-16-FG	1	1-11 1/2	0.843	0.938	1.750	1.484	1.375
4503-16-20-FG	1	1 1/4-11 1/2	0.843	1.250	2.070	1.620	1.750
4503-20-16-FG	1-1/4	1-11 1/2	1.094	0.938	1.740	1.570	1.375
4503-20-20-FG	1-1/4	1 1/4-11 1/2	1.094	1.250	1.812	1.671	1.750
4503-24-20-FG	1-1/2	1 1/4-11 1/2	1.343	1.250	1.930	1.620	1.750
4503-24-24-FG	1-1/2	1 1/2-11 1/2	1.343	1.500	1.875	1.765	2.000
4503-32-32-FG	2	2-11 1/2	1.843	1.938	2.000	2.109	2.500

HB-HB-HB Tee 4504 Series



PART NO.SIZE	B1 TUBE O.D.	B2 TUBE O.D.	B3 TUBE O.D.	B1 DRILL	B2 DRILL	B3 DRILL	L1 LGTH	L2 LGTH	L3 LGTH	Y FLATS
4504-04-04-04-FG	1/4	1/4	1/4	0.189	0.189	0.189	1.75	1.75	1.75	0.500
4504-06-06-06-FG	3/8	3/8	3/8	0.295	0.295	0.295	1.75	1.75	1.75	0.500
4504-08-08-08-FG	1/2	1/2	1/2	0.406	0.406	0.406	1.75	1.75	1.75	0.812