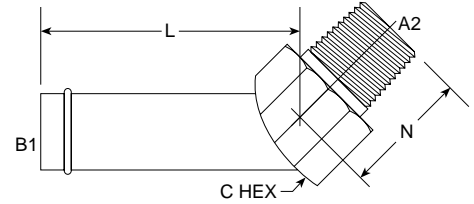


# Tube Fittings & Adapters

## HB-MP 45° 4503 Series



PART NO. SIZE	B1 TUBE O.D.	A2 NPTF	L LGTH M.M.	N LGTH M.M.	C HEX M.M.	C HEX	C HEX	M.M.	Standard Material From Stock				
									S	FG	SS	B	
4503-04-02	1/4	1/8-27	0.640	16.26	1.562	39.67	1/2	0.500	12.70	•			
4503-04-04	1/4	1/4-18	0.830	21.08	1.810	45.97	5/8	0.625	15.88	•		•	
4503-05-02	5/16	1/8-27	0.640	16.26	1.650	41.91	1/2	0.500	12.70	•			
4503-06-04	3/8	1/4-18	0.859	21.82	1.625	41.28	5/8	0.625	15.88	•			
4503-06-06	3/8	3/8-18	0.950	24.13	1.710	43.43	13/16	0.812	20.62	•			
4503-08-04	1/2	1/4-18	0.830	21.08	1.710	43.43	5/8	0.625	15.88	•			
4503-08-06	1/2	3/8-18	0.953	24.21	1.687	42.85	13/16	0.812	20.62	•			
4503-08-08	1/2	1/2-14	1.180	29.97	1.740	44.20	15/16	0.937	23.80	•			
4503-10-06	5/8	3/8-18	0.981	24.92	1.718	43.64	15/16	0.937	23.80	•			
4503-10-08	5/8	1/2-14	1.171	29.74	1.718	43.64	15/16	0.937	23.80	•			
4503-10-12	5/8	3/4-14	1.220	30.99	1.830	46.48	1 1/8	1.125	28.58	•			
4503-12-08	3/4	1/2-14	1.170	29.72	1.760	44.70	15/16	0.937	23.80	•			
4503-12-12	3/4	3/4-14	1.203	30.56	1.718	43.64	1 1/8	1.125	28.58	•			
4503-12-16	3/4	1-11 1/2	1.540	39.12	2.100	53.34	1 3/8	1.375	34.93	•			
4503-16-12	1	3/4-14	1.203	30.56	1.750	44.45	1 1/8	1.125	28.58	•			
4503-16-16	1	1-11 1/2	1.484	37.69	1.750	44.45	1 3/8	1.375	34.93	•			
4503-16-20	1	1 1/4-11 1/2	1.620	41.15	2.070	52.58	1 3/4	1.750	44.45	•			
4503-20-16	1 1/4	1-11 1/2	1.570	39.88	1.740	44.20	1 3/8	1.375	34.93	•			
4503-20-20	1 1/4	1 1/4-11 1/2	1.671	42.44	1.812	46.02	1 3/4	1.750	44.45	•			
4503-24-20	1 1/2	1 1/4-11 1/2	1.620	41.15	1.930	49.02	1 3/4	1.750	44.45	•			
4503-24-24	1 1/2	1 1/2-11 1/2	1.765	44.83	1.875	47.63	2	2.000	50.80	•			
4503-32-32	2	2-11 1/2	2.109	53.57	2.000	50.80	2 1/2	2.500	63.50	•	•		