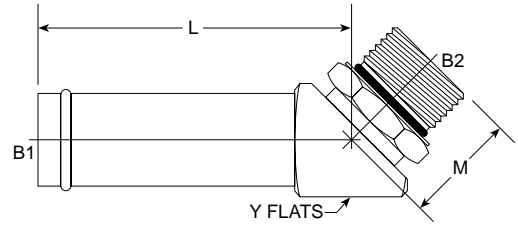


HB-MAORB 45° 4603-NWO Series



PART NO. SIZE	B1 TUBE O.D.	B2 AORB	L LGTH	M.M.	M LGTH	M.M.	Y FLATS	Y FLATS	M.M.	Standard Material From Stock			
										S	FG	SS	B
4603-04-04-NWO	1/4	7/16-20	1.562	39.67	1.046	26.57	1/2	0.500	12.70	•			
4603-06-06-NWO	3/8	9/16-18	1.593	40.46	1.140	28.96	5/8	0.625	15.88	•			
4603-08-08-NWO	1/2	3/4-16	1.625	41.28	1.296	32.92	13/16	0.812	20.62	•	•		
4603-08-10-NWO	1/2	7/8-14	1.870	47.50	1.520	38.61	15/16	0.937	23.80	•			
4603-10-08-NWO	5/8	3/4-16	1.700	43.18	1.320	33.53	13/16	0.812	20.62	•			
4603-10-10-NWO	5/8	7/8-14	1.609	40.87	1.515	38.48	15/16	0.937	23.80	•			
4603-10-12-NWO	5/8	1 1/16-12	1.880	47.75	1.740	44.20	1 1/8	1.125	28.58	•			
4603-12-08-NWO	3/4	3/4-16	1.643	41.73	1.300	33.02	13/16	0.812	20.62	•			
4603-12-10-NWO	3/4	7/8-14	1.650	41.91	1.590	40.39	15/16	0.937	23.80	•			
4603-12-12-NWO	3/4	1 1/16-12	1.703	43.26	1.734	44.04	1 1/8	1.125	28.58	•			
4603-16-12-NWO	1	1 1/16-12	1.780	45.21	1.720	43.69	1 1/8	1.125	28.58	•			
4603-16-14-NWO	1	1 3/16-12	1.850	46.99	1.830	46.48	1 1/4	1.250	31.75	•			
4603-16-16-NWO	1	1 5/16-12	0.859	21.82	1.859	47.22	1 3/8	1.375	34.93	•			
NEW 4603-20-12-NWO										•			
4603-20-16-NWO	1 1/4	1 5/16-12	1.870	47.50	1.900	48.26	1 3/8	1.375	34.93	•			
4603-20-20-NWO	1 1/4	1 5/8-12	1.921	48.79	1.906	48.41	1 3/4	1.750	44.45	•			
4603-24-20-NWO	1 1/2	1 5/8-12	1.990	50.55	1.857	47.17	1 3/4	1.750	44.45	•			
4603-24-24-NWO	1 1/2	1 7/8-12	1.968	49.99	1.906	48.41	2	2.000	50.80	•	•		
4603-32-32-NWO	2	2 1/2-12	2.180	55.37	1.859	47.22	2 5/8	2.625	66.68	•	•		