



Molding Tolerance Table

Metric Units

	A1		A2		A3		A4*	
	High Precision		Precision		Commercial		Basic	
Size (mm)	Fixed	Closure	Fixed	Closure	Fixed	Closure	Fixed	Closure
Above - incl.	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-
0 - 10	0.10	0.13	0.16	0.20	0.20	0.32	0.32	0.80
10 - 16	0.13	0.16	0.20	0.25	0.25	0.40	0.40	0.90
16 - 25	0.16	0.20	0.25	0.32	0.32	0.50	0.50	1.00
25 - 40	0.20	0.25	0.32	0.40	0.40	0.63	0.63	1.12
40 - 63	0.25	0.32	0.40	0.50	0.50	0.80	0.80	1.25
63 - 100	0.32	0.40	0.50	0.63	0.63	1.00	1.00	1.40
100 - 160	0.40	0.50	0.63	0.80	0.80	1.25	1.25	1.60
160 - & over	na	na						
multiply by			0.004	0.005	0.005	0.008	0.008	0.010

Standard Units

	A1		A2		A3		A4*	
	High Precision		Precision		Commercial		Basic	
Size (inches)	Fixed	Closure	Fixed	Closure	Fixed	Closure	Fixed	Closure
Above - incl.	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-
0 - .40	0.004	0.005	0.006	0.008	0.008	0.013	0.013	0.032
.40 - .63	0.005	0.006	0.008	0.010	0.010	0.016	0.016	0.036
.63 - 1.00	0.006	0.008	0.010	0.013	0.013	0.020	0.020	0.040
1.00 - 1.60	0.008	0.010	0.013	0.016	0.016	0.025	0.025	0.045
1.60 - 2.50	0.010	0.013	0.016	0.020	0.020	0.032	0.032	0.050
2.50 - 4.00	0.013	0.016	0.020	0.025	0.025	0.040	0.040	0.056
4.00 - 6.30	0.016	0.020	0.025	0.032	0.032	0.050	0.050	0.063
6.30 - & over	na	na						
multiply by			0.004	0.005	0.005	0.008	0.008	0.010

* IMR Default

Source: Rubber Manufacturers Association