



19255 San Jose Avenue Unit D-1, City of Industry, CA 91748
www.coirubber.com

RMA Standard Tolerances: Molded Rubber Products

Drawing Designation: "A1" High Precision

Metric (mm)				Imperial (inches)			
Size (mm)		Fixed	Closure	Size (inches)		Fixed	Closure
Above	Incl.	±	±	Above	Incl.	±	±
0	- 10	.10	.13	0	- 0.40	.004	.005
10	- 16	.13	.16	0.40	- 0.63	.005	.006
16	- 25	.16	.20	0.63	- 1.00	.006	.008
25	- 40	.20	.25	1.00	- 1.60	.008	.010
40	- 63	.25	.32	1.60	- 2.50	.010	.013
63	- 100	.32	.40	2.50	- 4.00	.013	.016
100	- 160	.40	.50	4.00	- 6.30	.016	.020

Drawing Designation: "A2" Precision

Metric (mm)				Imperial (inches)			
Size (mm)		Fixed	Closure	Size (inches)		Fixed	Closure
Above	Incl.	±	±	Above	Incl.	±	±
0	- 10	.16	.20	0	- 0.40	.006	.008
10	- 16	.20	.25	0.40	- 0.63	.008	.010
16	- 25	.25	.32	0.63	- 1.00	.010	.013
25	- 40	.32	.40	1.00	- 1.60	.013	.016
40	- 63	.40	.50	1.60	- 2.50	.016	.020
63	- 100	.50	.63	2.50	- 4.00	.020	.025
100	- 160	.63	.80	4.00	- 6.30	.025	.032
160	- & over	multiply .004	multiply .005	6.30	- & over	multiply .004	multiply .005

Drawing Designation: "A3" Commercial

Metric (mm)				Imperial (inches)			
Size (mm)		Fixed	Closure	Size (inches)		Fixed	Closure
Above	Incl.	±	±	Above	Incl.	±	±
0	- 10	.20	.32	0	- 0.40	.008	.013
10	- 16	.25	.40	0.40	- 0.63	.010	.016
16	- 25	.32	.50	0.63	- 1.00	.013	.020
25	- 40	.40	.63	1.00	- 1.60	.016	.025
40	- 63	.50	.80	1.60	- 2.50	.020	.032
63	- 100	.63	1.00	2.50	- 4.00	.025	.040
100	- 160	.80	1.25	4.00	- 6.30	.032	.050
160	- & over	multiply .005	multiply .008	6.30	- & over	multiply .005	multiply .008

Drawing Designation: "A4" Basic

Metric (mm)				Imperial (inches)			
Size (mm)		Fixed	Closure	Size (inches)		Fixed	Closure
Above	Incl.	±	±	Above	Incl.	±	±
0	- 10	.32	.80	0	- 0.40	.013	.032
10	- 16	.40	.90	0.40	- 0.63	.016	.036
16	- 25	.50	1.00	0.63	- 1.00	.020	.040
25	- 40	.63	1.12	1.00	- 1.60	.025	.045
40	- 63	.80	1.25	1.60	- 2.50	.032	.050
63	- 100	1.00	1.40	2.50	- 4.00	.040	.056
100	- 160	1.25	1.60	4.00	- 6.30	.050	.063
160	- & over	multiply .008	multiply .010	6.30	- & over	multiply .008	multiply .010