

## RMA TOLERANCES FOR MOLDED PRODUCTS

Standard Dimensional Tolerance Table - Molded Rubber Products

Drawing Designation "A1" High Precision

Size	(Millimeters)	Fixed	Closure		Size	(Inches)	Fixed	Closure
Above	Incl.				Above	Incl.		
0	10	± .10	± .13		0	0.4	± .004	± .005
10	16	± .13	± .16		0.4	0.63	± .005	± .006
16	25	± .16	± .20		0.63	1	± .006	± .008
25	40	± .20	± .25		1	1.6	± .008	± .010
40	63	± .25	± .32		1.6	2.5	± .010	± .013
63	100	± .32	± .40		2.5	4	± .013	± .016
100	160	± .40	± .50		4	6.3	± .016	± .020

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Drawing Designation "A2" Precision

Size	(Millimeters)	Fixed	Closure		Size	(Inches)	Fixed	Closure
Above	Incl.				Above	Incl.		
0	10	± .16	± .20		0	0.4	± .006	± .008
10	16	± .20	± .25		0.4	0.63	± .008	± .010
16	25	± .25	± .32		0.63	1	± .010	± .013
25	40	± .32	± .40		1	1.6	± .013	± .016
40	63	± .40	± .50		1.6	2.5	± .016	± .020
63	100	± .50	± .63		2.5	4	± .020	± .025
100	160	± .63	± .80		4	6.3	± .025	± .032
160	& over multiply by	0.004	0.005		6.3	& over multiply by	0.004	.005

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Drawing Designation "A3" Commercial

Size	(Millimeters)	Fixed	Closure		Size	(Inches)	Fixed	Closure
Above	Incl.				Above	Incl.		
0	10	± .20	± .32		0	0.4	± .008	± .013
10	16	± .25	± .40		0.4	0.63	± .010	± .016
16	25	± .32	± .50		0.63	1	± .013	± .020
25	40	± .40	± .63		1	1.6	± .016	± .025
40	63	± .50	± .80		1.6	2.5	± .020	± .032
63	100	± .63	± 1.00		2.5	4	± .025	± .040
100	160	± .80	± 1.25		4	6.3	± .032	± .050
160	& over multiply by	0.005	0.008		6.3	& over multiply by	0.005	.008

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Drawing Designation "A4" Basic

Size	(Millimeters)	Fixed	Closure		Size	(Inches)	Fixed	Closure
Above	Incl.				Above	Incl.		
0	10	± .32	± .80		0	0.4	± .013	± .032
10	16	± .40	± .90		0.4	0.63	± .016	± .036
16	25	± .50	± 1.00		0.63	1	± .020	± .040
25	40	± .63	± 1.12		1	1.6	± .025	± .045
40	63	± .80	± 1.25		1.6	2.5	± .032	± .050
63	100	± 1.00	± 1.40		2.5	4	± .040	± .056
100	160	± 1.25	± 1.60		4	6.3	± .050	± .063
160	& over multiply by	0.008	0.01		6.3	& over multiply by	0.008	.010