



Molding Tolerances

DRAWING DESIGNATION "A1" HIGH PRECISION

Size	(Millimeters)	Fixed	Closure	Size	(Inches)	Fixed	Closure
Above	Incl.			Above	Incl.		
	0 - 10	±.10	±.13		0 - 0.40	±.004	±.005
	10 - 16	.13	.16		.40 - .63	.005	.006
	16 - 25	.16	.20		.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

Size	(Millimeters)	Fixed	Closure	Size	(Inches)	Fixed	Closure
Above	Incl.			Above	Incl.		
	0 - 10	±.16	±.20		0 - 0.40	±.006	±.008
	10 - 16	.20	.25		.40 - .63	.008	.010
	16 - 25	.25	.32		.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				6.30 - & over		
	multiply by	.004	.005		multiply by	.004	.005

DRAWING DESIGNATION "A3" COMMERCIAL

Size	(Millimeters)	Fixed	Closure	Size	(Inches)	Fixed	Closure
Above	Incl.			Above	Incl.		
	0 - 10	±.20	±.32		0 - 0.40	±.008	±.013
	10 - 16	.25	.40		.40 - .63	.010	.016
	16 - 25	.32	.50		.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				6.30 - & over		
	multiply by	.005	.008		multiply by	.005	.008

Closure dimension tolerances apply to the largest closure dimension and it is the single tolerance used for all closure dimensions.