Standard Tolerances For Molded Parts

Standard Dimensional Tolerance Table

Molded Solid Rubber Products

Drawing Designation "AC" Commercial

SIZE (INCHES)	FIXED	CLOSURE	SIZE (MILLIMETERS)	FIXED	CLOSURE
Above Incl.			Above Incl.		
0-.40	±.008	±0.13	**0-10**	±.20	±.32
.40-.63	.010	.016	**10-16**	.25	.40
.63-1.00	.013	.020	**16-25**	.32	.50
1.00-1.60	.016	.025	**25-40**	.40	.63
1.60-2.50	.020	.032	**40-63**	.50	.80
2.50-4.00	.025	.040	**63-100**	.63	1.00
4.00-6.30	.032	.050	**100-160**	.80	1.25
6.30 & Over	To find fixed dimensional tolerances multiply by 0.5%		**160 & Over**	To find fixed dimensional tolerances multiply by 0.5%	

Drawing Designation "AC" tolerances indicate a "commercial" product and will normally be used for most products.

NOTE:

(1) Fixed dimension tolerances apply individually to each fixed dimension by its own size.

(2) Closure dimension tolerances are determined by the largest closure dimension and this single tolerance is used for all other closure dimensions.