

Technical Rubber Information

TOLERANCES FOR RUBBER MOLDED PARTS

Our standard rubber molded parts are manufactured according to tolerance class M3, according to ISO3302-1 (formerly DIN 7715-2 and-3).

Tolerances for molded parts - rubber									
acc. to ISO 3302-1									
nominal dimension (mm)	tolerance class M1		tolerance class M2		tolerance class M3		tolerance class M4		
	mold-dependant dimensions	dimensions with overflow	mold-dependant dimensions	dimensions with overflow	mold-dependant dimensions	dimensions with overflow	mold-dependant dimensions	dimensions with overflow	
	tolerances - in mm:		tolerances - in mm :		tolerances - in mm :		tolerances - in mm :		
0 - 6,3	± 0,10	± 0,10	± 0,15	± 0,25	± 0,25	± 0,40	± 0,50	± 0,50	
> 6,3 - 10	± 0,10	± 0,15	± 0,20	± 0,30	± 0,30	± 0,50	± 0,70	± 0,70	
> 10 - 16	± 0,15	± 0,20	± 0,20	± 0,40	± 0,40	± 0,60	± 0,80	± 0,80	
> 16 - 25	± 0,20	± 0,20	± 0,25	± 0,50	± 0,50	± 0,80	± 1,00	± 1,00	
> 25 - 40	± 0,20	± 0,25	± 0,35	± 0,60	± 0,60	± 1,00	± 1,30	± 1,30	
> 40 - 63	± 0,25	± 0,35	± 0,40	± 0,80	± 0,80	± 1,30	± 1,60	± 1,60	
> 63 - 100	± 0,35	± 0,40	± 0,50	± 1,00	± 1,00	± 1,60	± 2,00	± 2,00	
> 100 - 160	± 0,40	± 0,50	± 0,70	± 1,30	± 1,30	± 2,00	± 2,50	± 2,50	
	tolerances - in %:		tolerances - in % :		tolerances - in % :		tolerances - in % :		
> 160	± 0,30	± 0,40	± 0,50	± 0,70	± 0,80	± 1,30	± 1,50	± 1,50	