

TOLERANCES FOR MOULDING ARTICLES (soft rubber)

according to ISO 3302-1

Nominal dimension	Class M1, very fine		Class M2, fine		Class M3, medium		Class M4, rough	
	Dimensions bound to shape	Dimensions with budding	Dimensions bound to shape	Dimensions with budding	Dimensions bound to shape	Dimensions with budding	Dimensions bound to shape	Dimensions with budding
	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	0.3%	– 0.4%	0.5%	– 0.7%	0.8%	– 1.3%	1.5%	– 1.5%

TOLERANCES FOR PROFILES AND HOSES O.E. (soft rubber)

according to ISO 3302-1

Nominal dimension	Class E1	Class E2	Class E3
	Tolerances in mm, ±		
0 – 1.5	± 0.15	± 0.25	± 0.40
> 1.5 – 2.5	± 0.20	± 0.35	± 0.50
> 2.5 – 4.0	± 0.25	± 0.40	± 0.70
> 4.0 – 6.3	± 0.35	± 0.50	± 0.80
> 6.3 – 10.0	± 0.40	± 0.70	± 1.00
> 10.0 – 16.0	± 0.50	± 0.80	± 1.30
> 16.0 – 25.0	± 0.70	± 1.00	± 1.60
> 25.0 – 40.0	± 0.80	± 1.30	± 2.00
> 40.0 – 63.0	by arrangement	± 1.60	± 2.50
> 63.0 – 100.0	by arrangement	± 2.00	± 3.20

TOLERANCES FOR PLATES, BLANKS AND PUNCHED ARTICLES

according to DIN 7715 part 5

Nominal dimension	Class P1	Class P2	Class P3
	Tolerances in mm, ±		
up to 1.6	± 0.20	± 0.20	± 0.40
> 1.6 – 4	± 0.20	± 0.30	± 0.40
> 4 – 6.3	± 0.20	± 0.40	± 0.50
> 6.3 – 10	± 0.30	± 0.50	± 0.60
> 10 – 25	± 0.30	± 0.60	± 0.80
> 25 – 40	± 0.40	± 0.80	± 1.00
> 40 – 63	± 0.50	± 1.00	± 1.50
> 63 – 100	± 0.60	± 1.20	± 2.00
> 100 – 160	± 0.80	± 1.40	± 2.50
> 160 – 250	± 1.00	± 1.60	± 3.00
> 250 – 400	± 1.60	± 2.50	± 5.00
	Tolerances in %, ±		
> 400	0.5%	0.8%	1.5%

Information is subject to change, technical specification without guarantee.