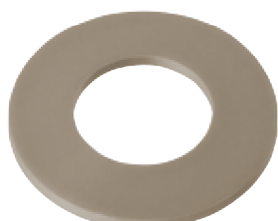


iglide® Polysorb - Product range

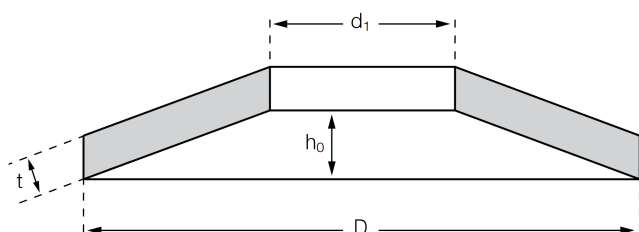
Polysorb disc springs



iglide® J



iglide® A500



Dimensions based on DIN 2093



Material:
iglide® J ► Page 115
iglide® A500 ► Page 459



Order key

Type Dimensions
 T E M - 05

iglide® material	Thrust washer style	"Elastic spring"	Metric	Inner-Ø d1 [mm]
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Material options:

iglide® J for low wear

iglide® A500 for FDA-compliant high temperature applications

Dimensions [mm]

Part No. ¹⁵⁾	D	d1	t	h ₀	Standard values: spring lengths and forces	
					F _{1,0} iglide® J [N]	F _{1,0} iglide® A500 [N]
 TEM-05	10.0	5.2	0.5	0.25	5	7
 TEM-06	12.5	6.2	0.7	0.30	10	14
 TEM-08	16.0	8.2	0.9	0.35	15	18
 TEM-10	20.0	10.2	1.1	0.45	18	24
 TEM-12	25.0	12.2	1.5	0.55	40	55
 TEM-16	31.5	16.3	1.75	0.70	70	80
 TEM-20	40.0	20.4	2.25	0.90	130	140

The standard values for the spring lengths and forces are rounded mean values.

¹⁵⁾ Material: iglide® J, JTEM, Standard
iglide® A500, A500TEM, high temperature and chemical resistance

Symbols and units:

F	=	Force [N]
D	=	Outer diameter [mm]
d1	=	Inner diameter [mm]
t	=	Plate thickness [mm]
h ₀	=	Maximum spring displacement [mm]
F _{1,0}	=	Spring force 100% displacement [N]