

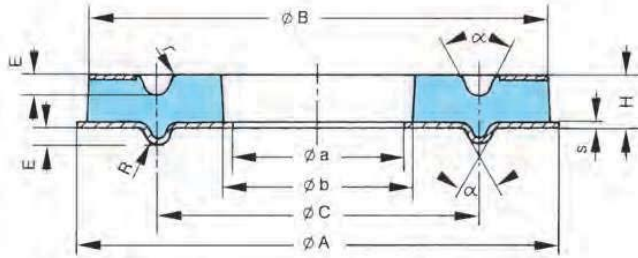
MEGI® Ring Elements

Megiflex disks

Version:

medium

Megiflex disks are prestressed when fitted and absorb both tensile and compressive forces. In spring assemblies made up of a large number of individual elements, it is necessary to insert supports to prevent buckling and a guide is required for the entire spring column. The number of spring elements assembled in series must be calculated to ensure that the load does not exceed the initial tension range. Transfer forces cannot be absorbed, or only to a small extent. Top and bottom mounting plates are on request available.



Dimensions											Technical data medium			Number in package			
A Ø	a Ø	B Ø	b Ø	C Ø	H	s	E	α°	R	r	Max. continuous static load		infrequent peak load*			Part No.	package
											N	s (mm)	N				
65	26	62	30	46	11	1	2,5	60	2	0,5	6850	1,8	17650	741 473	20		
95	45	90	50	70	10,5	1,5	2,5	60	2,5	1	7850	1,4	20600	741 481	10		
100	35	90	40	64	27,5	1,5	3,5	60	3	1	9800	6,4	58850	741 444	10		
110	30	102	38	76	20,8	1,75	3,5	60	3	1	13750	3,7	62800	741 401	6		
110	30	102	38	76	25,8	1,75	3,5	60	3	1	12750	5,1	73600	741 409	-		
110	40	102	44	76	15,8	1,75	3,5	60	3	1	14200	2,4	49050	741 493	6		
130	55	123	60	90	16	2	5	60	4	2	17150	2,1	57900	741 488	6		
153	55	145	60	102	30	2	5	60	4	2	29450	6,2	107900	741 472	4		
155	75	150	80	115	12	2	5	60	4	2	23550	1,2	73600	741 485	-		
160	90	155	95	125	12	2	5	60	4	2	22550	1,3	66700	741 486	-		
164	60	156	64	110	16	2	4	60	4	2	30400	1,8	88300	741 424	-		
164	60	156	64	110	23	2	4	60	4	2	33350	3,6	122650	741 432	4		
210	55	200	60	154	20	2	6	60	6	1,2	45150	2	153050	741 482	-		
210	95	200	100	154	20	2	6	60	6	1,2	45150	2,6	173650	741 436	4		
220	66	200	100	154	62	2	6	60	6	1,2	32400	13	103000	741 407	-		
240	70	230	76	154	25	2	6	60	5	2	60800	2,9	217800	741 434	4		
265	78	250	90	166	27,8	2,75	7	60	6	2	82400	3,2	276650	741 427	-		

* F_{zul.} is the **permissible continuous static load** upon which a fluctuating dynamic load can be superimposed. The permissible loadings given represent only approximate maximum values of static loading for guidance.

Other dimensions and materials are available on request