

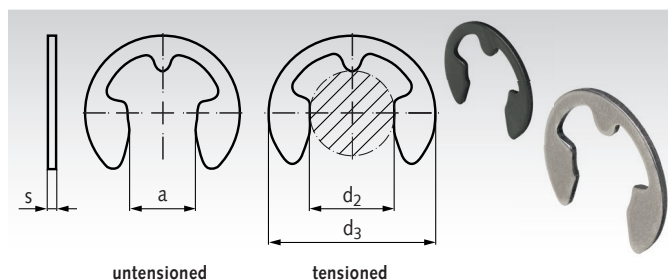
Retaining Washers for Shafts, DIN 6799

Materiál: pružinová oceľ, bright.
Nerezová oceľ 1.4122 (AISI 420).



Retaining washers according to DIN 6799 are used for axial securing of components with small shaft diameters. Three contact areas fix the washer positively on the shaft.

Installation is carried out by pushing it on, and removal is carried out using a slot screwdriver or mandrel.



Informácie potrebné na objednanie: napr.: Produkt č. 63783012, Retaining Washer
DIN 6799-1,2, pružinová oceľ

Produkt č. pružinová oceľ	Produkt č. nerezová	Nominal Size	d ₁ mm	s mm	d ₃ mm	a mm	Hmot. g/100	Dimensions for Shaft			DIN 6799 - Additional Data					
								d ₂ mm	m mm	n mm	F _N ¹⁾ kN	at d ₁	F _S ²⁾ kN	g mm	F _{Sg} ³⁾ kN	n _{max} ⁴⁾ min ⁻¹
637 830 12	637 830 12A2	1,2	1,4 - 2	0,3	3,25	1,01	1	1,2	0,34	0,6	0,04	1,5	0,12	0,40	0,06	47000
637 830 15	637 830 15A2	1,5	2 - 2,5	0,4	4,25	1,28	2	1,5	0,44	0,8	0,07	2	0,22	0,60	0,11	43000
637 830 19	637 830 19A2	1,9	2,5 - 3	0,5	4,80	1,61	4	1,9	0,54	1,0	0,10	2,5	0,35	0,70	0,17	40000
637 830 23	637 830 23A2	2,3	3 - 4	0,6	6,30	1,94	7	2,3	0,64	1,0	0,15	3	0,50	0,90	0,24	38000
637 830 32	637 830 32A2	3,2	4 - 5	0,6	7,30	2,70	9	3,2	0,64	1,0	0,22	4	0,65	0,90	0,32	35000
637 830 40	637 830 40A2	4	5 - 7	0,7	9,30	3,34	16	4	0,74	1,2	0,25	5	0,95	1,00	0,47	32000
637 830 50	637 830 50A2	5	6 - 8	0,7	11,30	4,11	24	5	0,74	1,2	0,90	7	1,15	1,00	0,60	28000
637 830 60	637 830 60A2	6	7 - 9	0,7	12,30	5,26	26	6	0,74	1,2	1,10	8	1,35	1,10	0,70	25000
637 830 70	637 830 70A2	7	8 - 11	0,9	14,30	5,84	47	7	0,94	1,5	1,25	9	1,80	1,30	1,00	22000
637 830 80	637 830 80A2	8	9 - 12	1,0	16,30	6,52	66	8	1,05	1,8	1,42	10	2,50	1,50	1,25	20000
637 830 90	637 830 90A2	9	10 - 14	1,1	18,80	7,63	109	9	1,15	2,0	1,60	11	3,00	1,61	1,50	17000
637 831 00	637 831 00A2	10	11 - 15	1,2	20,40	8,32	125	10	1,25	2,0	1,70	12	3,50	1,80	1,75	15000
637 831 20	637 831 20A2	12	13 - 18	1,3	23,40	10,45	163	12	1,35	2,5	3,10	15	4,70	1,9	2,30	13000
637 831 50	637 831 50A2	15	16 - 24	1,5	29,40	12,61	337	15	1,55	3,0	7	20	7,80	2,2	3,30	11000
637 831 90	637 831 90A2	19	20 - 31	1,75	37,60	15,92	642	19	1,80	3,5	10	25	11	2,5	3,60	7600

¹⁾ Load capacity of the groove with shaft diameter d₁.

²⁾ Load capacity of the retaining washer with sharp-edged contact.

³⁾ Load capacity of the retaining washer with an edge distance g.

⁴⁾ Speed at which the retaining washer can jump off (only for spring steel).

The maximum speed of the stainless steel version must be tested by the customer.

Poznámka

For a retaining washer connection, the load capacities of the groove (F_N) and the retaining washer (F_S/F_{Sg}) must be calculated separately. The weaker component determines the load capacity of the connection.

