

DIN 6799

Retaining washers for shafts - E-clips



Standard	DIN 6799		
Product Type	E-type retaining washers for shaft grooves, nominal groove sizes 0.8 mm to 30 mm.		
Material	Stainless Steel, Carbon Steel		
Surface Finish	Passivated, Plain, Zinc Plated, Phosphate		
Size Range	0.8 - 30	Thread	ISO metric coarse pitch

BASIS OF SPECIFICATION

WHICH STANDARD GOVERNS WHAT

Dimensions edition	to be agreed
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DIMENSIONAL DATA - SIZES WE SUPPLY

ALL DIMENSIONS PER THE STANDARD

d	d1 (min)	d1 (max)	s	a (max)	d3	g	d2	m	n (min)
Diameter - mm	Applicable Shaft Diameter - mm	Applicable Shaft Diameter - mm	Ring Thickness - mm	Ring Opening - mm	Free Diameter - mm	Corner Distance - mm	Groove Diameter - mm	Groove Width - mm	Edge Margin - mm
0.8	1	1.4	0.2	0.58	2.25	0.3	0.8	0.24	0.4
1.2	1.4	2	0.3	1.01	3.25	0.4	1.2	0.34	0.6
1.5	2	2.5	0.4	1.28	4.25	0.6	1.5	0.44	0.8
1.9	2.5	3	0.5	1.61	4.8	0.7	1.9	0.54	1
2.3	3	4	0.6	1.94	6.3	0.9	2.3	0.64	1
3.2	4	5	0.6	2.7	7.3	0.9	3.2	0.64	1
4	5	7	0.7	3.34	9.3	1	4	0.74	1.2
5	6	8	0.7	4.11	11.3	1	5	0.74	1.2
6	7	9	0.7	5.26	12.3	1.1	6	0.74	1.2
7	8	11	0.9	5.84	14.3	1.3	7	0.94	1.5
8	9	12	1	6.52	16.3	1.5	8	1.05	1.8
9	10	14	1.1	7.63	18.8	1.61	9	1.15	2
10	11	15	1.2	8.32	20.4	1.8	10	1.25	2
12	13	18	1.3	10.45	23.4	1.9	12	1.35	2.5
15	16	24	1.5	12.61	29.4	2.2	15	1.55	3
19	20	31	1.75	15.92	37.6	2.5	19	1.8	3.5
24	25	38	2	21.88	44.6	3	24	2.05	4
30	32	42	2.5	25.8	52.6	3.5	30	2.55	4.5

TECHNICAL SPECIFICATIONS

Surface Finish	Passivated, Plain, Zinc Plated, Phosphate
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INSPECTION DOCUMENTS WE CAN ISSUE

EN 10204 3.1 material certificate	Can be included when agreed in the order.
Dimensional inspection report	Can be provided for the agreed inspection scope.
Certificate of conformity	Can be issued against the confirmed order requirements.
Mechanical test report	Available when the required tests are agreed before production.
Chemical analysis report	Available when the material verification scope is agreed.
Coating inspection report	Can record the coating checks agreed for the order.

REFERENCES & NOTES

Note: Dimensional values follow the selected execution standard. Material properties and batch test results are included only when declared or supported by the applicable certificate or test report.

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