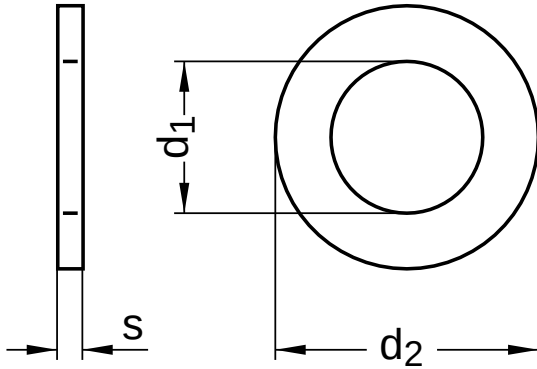


**DIN 1441**

**Washers**

Rough version | for studs

Steel | zinc-plated | Cr(VI)-free



Diameter (d)	d <sub>1</sub> nominal size	d <sub>2</sub> nominal size	s nominal size
5.5	5.5	10	0.8
7	7	12	1.6
9	9	16	2.0
11	11	20	2.5
13	13	25	3.0
14	14	25	3.0
15	15	28	3.0
17	17	28	3.0
19	19	30	4.0
21	21	32	4.0
23	23	34	4.0
24	24	36	4.0
25	25	38	4.0
26	26	40	4.0
28	28	40	5.0
29	29	42	5.0
31	31	45	5.0
34	34	50	5.0
37	37	52	6.0
41	41	58	6.0
46	46	62	7.0
51	51	68	8.0
56	56	75	9.0
68	68	90	9.0
72	72	95	10.0

All technical data refer to the measure mm

