

Plain washers — Extra large series — Product grade C

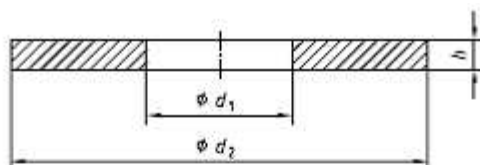


Figure 1 — Dimensions

Table 1 — Preferred dimensions

Dimensions in millimetres

Nominal size (Nominal thread diameter, d)	Clearance hole		Outside diameter		Thickness		
	nom. (min.)	d_1 max.	nom. (max.)	d_2 min.	nom.	h max.	min.
5	5,5	5,8	18,0	16,9	2	2,3	1,7
6	6,60	6,96	22,0	20,7	2	2,3	1,7
8	9,00	9,36	28,0	26,7	3	3,6	2,4
10	11,00	11,43	34,0	32,4	3	3,6	2,4
12	13,50	13,93	44,0	42,4	4	4,6	3,4
16	17,5	18,2	58,0	54,1	5	6	4
20	22,00	22,84	72,0	70,1	6	7	5
24	26,00	26,84	85,0	82,8	6	7	5
30	33	34	105,0	102,8	6	7	5
36	39	40	125,0	122,5	8	9,2	6,8

Table 3 — Specifications and International Standards of reference

Material^a	Steel	
Mechanical properties	Hardness class	100 HV
	Hardness range ^b	100 HV to 200 HV
Tolerances	Product grade	C
	International Standard	ISO 4759-3
Surface finish	<p>Plain: i.e. washers to be supplied in natural finish, treated with a protective lubricant or with other coatings as agreed by customer and supplier.</p> <p>Requirements for electroplating covered in ISO 4042.</p> <p>Requirements for non-electrolytically applied zinc flake coatings covered in ISO 10683.</p> <p>All tolerances shall apply prior to the application of a plating or coating.</p>	
Workmanship	Parts shall be free of irregularities or detrimental defects. No protruding burrs shall appear on the washer.	
Acceptability	Acceptance procedure covered in ISO 3269.	

^a Other metallic materials as agreed between customer and supplier.

^b Hardness testing according to ISO 6507-1.
Test force: HV 30 for nominal thickness $h > 1,2$ mm.