

Washers for clamping devices

DIN
6340

Scheiben für Spannzeuge

Supersedes July 1962 edition.

In keeping with current practice in standards published by the International Organization for Standardization (ISO), a comma has been used throughout as the decimal marker.

Dimensions in mm

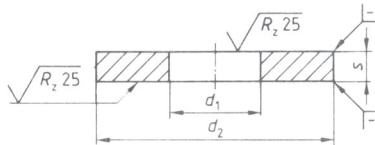
1 Scope and field of application

Washers for clamping devices as specified in DIN 6340 are designed to be used for clamps as specified in DIN 6314, DIN 6315 and DIN 6316. Their dimensions have thus been harmonized with the specifications given in those standards.

2 Dimensions, designation

Details left unspecified are to be selected as appropriate.

Tolerances left unspecified shall be taken from DIN 522 (product grade A).



Designation of a washer with $d_1 = 17$ mm:

Washer DIN 6340 – 17

d_1	H14	6,4	8,4	10,5	13	17	21	25	31
d_2	h14	17	23	28	35	45	50	60	68
s		3	4	4	5	6	6	8	10
Mass (7,85 kg/dm ³), for 1000 units, in kg, approximately		4,6	11,3	16,6	32,5	64,3	76	147	226
For use with bolts of size		M 6	M 8	M 10	M 12	M 16	M 20	M 24	M 30

3 Material

Steel; grade at the manufacturer's discretion.

4 Finish

Quenched and tempered; hardness: (350 + 80) HV 30.

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Standards referred to

DIN 522 Washers; technical delivery conditions
DIN 6314 Straight clamps
DIN 6315 Forked clamps
DIN 6316 Goose neck clamps

Other relevant standards

DIN 6330 Metric hexagon nuts; 1,5 *d* high

Previous editions

DIN 6340: 01.45, 07.62.

Amendments

The following amendments have been made to the July 1962 edition.

- a) The material has been changed.
- b) The standard has been editorially revised.

International Patent Classification

B 23 Q 3/06
B 23 Q 3/10