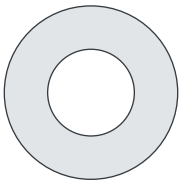
Plain washer, small series

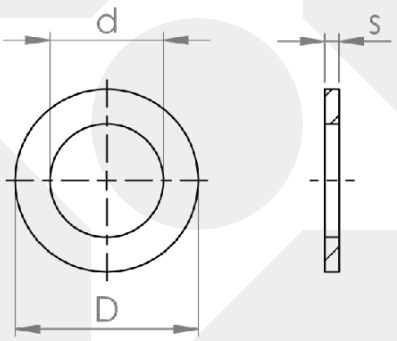
Plain washer, small series for assemblies and replacement parts. Compare the required geometry and specify material, finish and supply requirements in your enquiry.

DIN 433 / ISO 7092

Type: Plain washer, small series · Reference: DIN 433 / ISO 7092 · Dimensions: Dimensions in millimetres · Configuration: Material and finish to specification



Technical drawing



d1: bore diameter · d2: outside diameter · s: material thickness

Identification drawing, not a manufacturing drawing. Refer to the agreed drawing for construction details, tolerances and free heights.

Variants and dimensions

Dimensions in mm. M identifies the screw nominal size.

Different geometries may exist for the same nominal size: specify the required dimensions. Tolerances and omitted details must be defined in the specification.

For screw	d1	d2	s
M1.6	1.7	3.5	0.3
M2	2.2	4.5	0.3
M2.5	2.7	5	0.5
M3	2	6	0.5
M3	3.2	6	0.5
M3	7	6	0.5
M3.5	3.7	7	0.5
M4	3	8	0.5
M4	4.3	8	0.5
M4	4.3	8	0.8
M5	3	9	1
M5	5.3	9	1
M5	5.3	9.5	1
M6	6.4	10	1.6
M6	6.4	11	1.6
M6	6.4	12	2
M6	6.5	10	0.5
M6	6.6	12	1
M6	9.5	16	2
M6	11	35	3
M6	13	21	2.5
M6	13	30	5
M6	17	28	3
M8	8	14	1.6
M8	8	24	2
M8	8.4	14	1.6
M8	8.4	15	1.5
M8	8.4	15	1.6
M8	8.5	14	1.6
M10	10.5	18	1.6
M10	10.5	18	2
M12	13	20	2
M12	13	20	2.5
M14	15	24	2.5
M16	16.5	26	2.5
M16	16.5	28	2.5
M16	17	28	2.5

For screw	d1	d2	s
M18	19	30	2.5
M18	19	30	3
M20	20.5	33	3
M20	21	34	3
M22	23	37	3
M24	25	39	4
M27	28	44	4
M30	31	50	4

Materials, classes, finishes and treatments

Material	Class / hardness	Finishes / treatments
Stainless steel A2	To specify	To specify
Stainless steel A4	To specify	To specify
Steel	HV 300	Plain; Zinc plated
Brass	Not applicable	To specify
Steel	HV 100	Black zinc plated; Black oxide; GEOMET 321A; Plain; Yellow zinc plated, Cr III, 12 µm with sealer; Zinc plated; Yellow zinc plated
Steel	HV 200	Plain; Zinc plated

Material, hardness and treatment must be specified for the requested execution. A2 and A4 identify the stainless steel group and do not automatically imply 70/80 strength classes, hardness or passivation.

Dueemme confirms size, material and finish combinations and availability in its quotation.

Documentation

Document	Status
Declaration of conformity	Subject to order agreement
Material certificate	Subject to order agreement
EN 10204 2.2 test report	Subject to order agreement
EN 10204 3.1 inspection certificate	Subject to order agreement
Dimensional inspection report	Subject to order agreement
Coating report	Subject to order agreement
Other documentation	Subject to order agreement

Batch documents are not automatically included: specify your requirements in the RFQ.

Standards, types and application

DIN 433 / ISO 7092

HV 100 refers to commercial DIN 433 executions; do not automatically apply it to ISO 7092. Specify the required reference.

State the standard and edition or attach a drawing. Related DIN, ISO, UNI and NF references do not constitute a universal equivalence declaration for every execution.