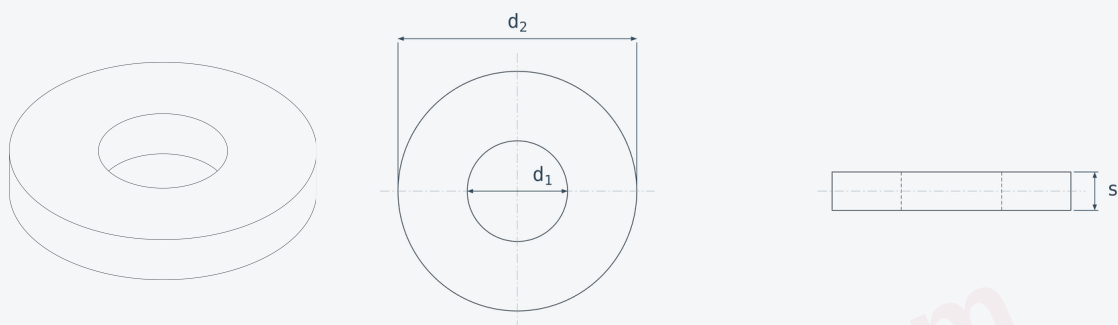


DIN 7349 Heavy Flat Washer for Spring Pin Bolts



STANDARD

DIN 7349 Heavy Duty Plain Washer

THREAD

ISO metric coarse pitch

SIZES

M3 - M30

MATERIAL

Carbon Steel

PROPERTY CLASS

200 HV, 100 HV

SURFACE

Zinc Plated, Hot Dip Galvanized, Plain

Dimensions follow the standard named on this sheet. Material properties and batch test results come with the order's certificate or test report.

BASIS OF SPECIFICATION

CARBON STEEL / ALLOY STEEL

ISO 898-3:2018

STAINLESS STEEL

ISO 3506-7:2024

DIMENSIONS EDITION

to be agreed

PRODUCT GRADE

to be agreed

DIMENSIONS

mm · DIN 7349

d	d1	d2	s
M3	3.2	9	1
M4	4.3	12	1.6
M5	5.3	15	2
M6	6.4	17	3
M8	8.4	21	4
M10	10.5	25	4
M12	13	30	6
M14	15	36	6
M16	17	40	6
M18	19	44	8
M20	21	44	8
M22	23	50	8
M24	25	50	10
M27	28	60	10
M30	31	68	10

d1 inner diameter d2 outer diameter s washer thickness

MECHANICAL PROPERTIES

DIN 7349

Class	Hardness	Governing property
200 HV	min. 200 HV	Hardness class (upper limit per standard table)
100 HV	min. 100 HV	Hardness class (upper limit per standard table)

MARKING

Carbon steel / Alloy steel: head marking to ISO 898-3:2018.

Stainless steel: head marking to ISO 3506-7:2024.

Marking requirements are set by the material standard named above.

Confirm the ordered property class before production.

DOCUMENTS

EN 10204 3.1 material certificate, dimensional inspection report and mechanical test report, on request.