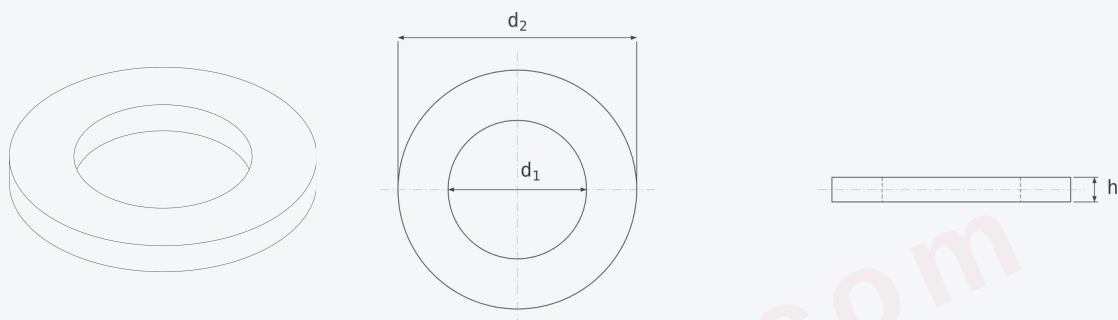


ISO 7091 Flat Washer, Normal Series, Product Grade C



STANDARD

ISO 7091 Plain washers - Normal series - Product grade C

THREAD

ISO metric coarse pitch

SIZES

M1.6 - M64

MATERIAL

Stainless Steel, Carbon Steel

PROPERTY CLASS

100 HV

SURFACE

Passivated, Plain, Zinc Plated, Hot Dip Galvanized, Dacromet

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

DIMENSIONS

ISO 7091:2000

CARBON STEEL / ALLOY STEEL

ISO 898-3:2018

STAINLESS STEEL

ISO 3506-7:2024

PRODUCT GRADE

C

Email: sales@taurusfix.com

 Web: taurusfix.com
DIMENSIONS

mm · ISO 7091

d	d1	d1 max	d2	d2 min	h	h max	h min
M1.6	1.8	2.05	4	3.25	0.3	0.4	0.2
M2	2.4	2.65	5	4.25	0.3	0.4	0.2
M2.5	2.9	3.15	6	5.25	0.5	0.6	0.4
M3	3.4	3.7	7	6.1	0.5	0.6	0.4
M3.5	3.9	4.2	8	7.1	0.5	0.6	0.4
M4	4.5	4.8	9	8.1	0.8	1	0.6
M5	5.5	5.8	10	9.1	1	1.2	0.8
M6	6.6	6.96	12	10.9	1.6	1.9	1.3
M8	9	9.36	16	14.9	1.6	1.9	1.3
M10	11	11.43	20	18.7	2	2.3	1.7
M12	13.5	13.93	24	22.7	2.5	2.8	2.2
M14	15.5	15.93	28	26.7	2.5	2.8	2.2
M16	17.5	17.93	30	28.7	3	3.6	2.4
M18	20	20.43	34	32.4	3	3.6	2.4
M20	22	22.52	37	35.4	3	3.6	2.4
M22	24	24.52	39	37.4	3	3.6	2.4
M24	26	26.52	44	42.4	4	4.6	3.4
M27	30	30.52	50	48.4	4	4.6	3.4
M30	33	33.62	56	54.1	4	4.6	3.4
M33	36	37	60	58.1	5	6	4
M36	39	40	66	64.1	5	6	4
M39	42	43	72	70.1	6	7	5
M42	45	46	78	76	8	9.2	6.8
M45	48	49	85	82.8	8	9.2	6.8
M48	52	53.2	92	89.8	8	9.2	6.8
M52	56	57.2	98	95.8	8	9.2	6.8
M56	62	63.2	105	102.8	10	11.2	8.8
M60	66	67.2	110	107.8	10	11.2	8.8
M64	70	71.2	115	112.8	10	11.2	8.8

d1 inner diameter d2 outer diameter h washer thickness

MECHANICAL PROPERTIES

ISO 7091

Class	Hardness	Governing property
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.

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