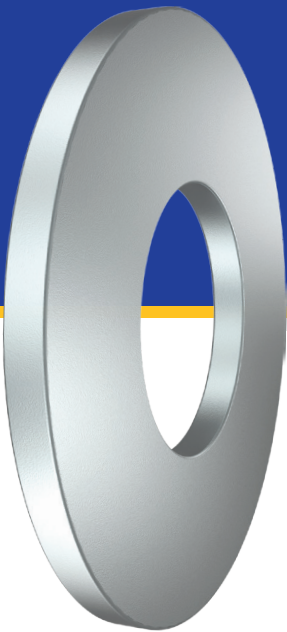


FLAT ROUND WASHER
METRIC
STAINLESS STEEL



APPLICATION

Bremick® stainless steel flat washers can be use used in a variety of applications and are generally used to distribute load force across a larger area or protect the surface of the item being secured.

PRODUCT ATTRIBUTES

Material Class: Stainless Steel 316

Standard: Complies to Bremick Specification

Chemical Composition: Complies to DIN EN 10088-1:2023

MATERIAL INFORMATION (%)

STAINLESS STEEL GRADE	C	Si	Mn	P	S	Cr	Mo	Ni	N
	MAX	MAX	MAX	MAX	MAX	RANGE	RANGE	RANGE	MAX
316	0.07	1.00	2.00	0.045	0.015	16.5-18.5	2.00-2.50	10.0-13.0	0.10

MATERIAL INFORMATION

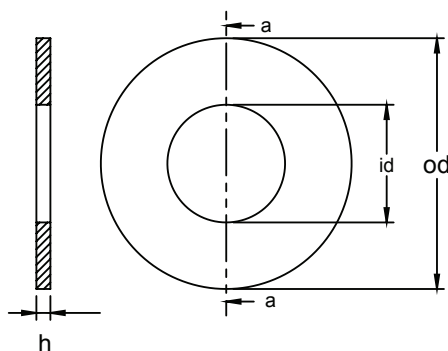
STAINLESS STEEL 316		
DESCRIPTION	OVERVIEW	CORROSION RESISTANCE

316 is a Marine Grade SS – It contains 2-3% Molybdenum which provides highest possible corrosion protection than 304 Stainless steel.

Bremick® 316 Stainless Steel provides the ultimate level of protection and is recommended for external application and marine environments.

Ultimate

DIMENSIONAL DATA (mm)



DIAMETER	INNER DIAMETER (id)		OUTER DIAMETER (od)			THICKNESS (h)		
NOMINAL	MIN	MAX	NOMINAL	MIN	MAX	NOM	MIN	MAX
M3	3.20	3.40	7.00	6.80	7.00	0.50	0.45	0.55
M4	4.30	4.50	9.00	8.80	9.00	0.80	0.70	0.90
M5	5.30	5.50	10.00	9.65	10.00	0.80	0.70	0.90
M5	5.30	5.50	10.00	9.65	10.00	1.00	0.80	1.20
M5	5.30	5.48	15.00	14.57	15.00	1.20	1.00	1.40
M6	6.40	6.60	12.50	12.15	12.50	1.20	1.08	1.35
M6	6.40	6.60	12.50	12.15	12.50	1.60	1.35	1.85
M6	6.40	6.62	18.00	17.57	18.00	1.60	1.40	1.80
M8	8.40	8.70	17.00	16.50	17.00	1.20	1.08	1.35
M8	8.40	8.70	17.00	16.50	17.00	1.60	1.35	1.85
M8	8.40	8.62	24.00	23.48	24.00	2.00	1.80	2.20
M10	10.40	10.70	21.00	20.50	21.00	1.20	1.08	1.35
M10	10.50	10.77	21.00	20.48	21.00	2.00	1.80	2.20
M10	10.50	10.77	30.00	29.48	30.00	2.50	2.30	2.70
M12	12.90	13.20	24.00	23.50	24.00	1.50	1.35	1.75
M12	13.00	13.27	24.00	23.48	24.00	2.50	2.30	2.70
M12	13.00	13.27	37.00	36.38	37.00	3.00	2.70	3.30
M14	15.40	15.70	28.00	27.50	28.00	1.50	1.35	1.75
M16	17.00	17.25	30.00	29.50	30.00	1.50	1.35	1.75
M16	17.00	17.27	30.00	29.48	30.00	3.00	2.70	3.30
M16	17.00	17.27	50.00	49.38	50.00	3.00	2.70	3.30
M20	20.90	21.30	37.00	36.50	37.00	2.00	1.75	2.25
M20	21.00	21.33	37.00	36.38	37.00	3.00	2.70	3.30
M24	24.90	25.30	44.00	43.50	44.00	3.00	2.70	3.30
M24	24.90	25.30	44.00	43.50	44.00	4.00	3.60	4.40
M27	27.90	28.30	50.00	49.50	50.00	3.00	2.70	3.30
M30	31.00	31.35	56.00	55.50	56.00	3.00	2.70	3.30
M33	33.00	33.35	60.00	59.50	60.00	3.00	2.70	3.30
M36	37.00	37.30	66.00	65.50	66.00	5.00	4.50	5.50
M42	42.00	42.62	78.00	77.50	78.00	5.00	4.50	5.50

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