

SPRING WASHER METRIC STAINLESS STEEL



APPLICATION

Bremick® Spring washers help to maintain a consistent clamping force in the joint by adding tension to the assembly even during forces like vibration, reducing the possibility of loosening.

PRODUCT ATTRIBUTES

Material Class:	Stainless Steel 316
Standard:	Complies to DIN127:1987 - Type B
Mechanical Properties:	Complies to Bremick's Specification
Chemical Composition:	Complies to ISO 15510:2014

MECHANICAL PROPERTIES

PROPERTIES	HARDNESS	
	VICKERS (HV)	
	MIN	MAX
STAINLESS STEEL	420	530

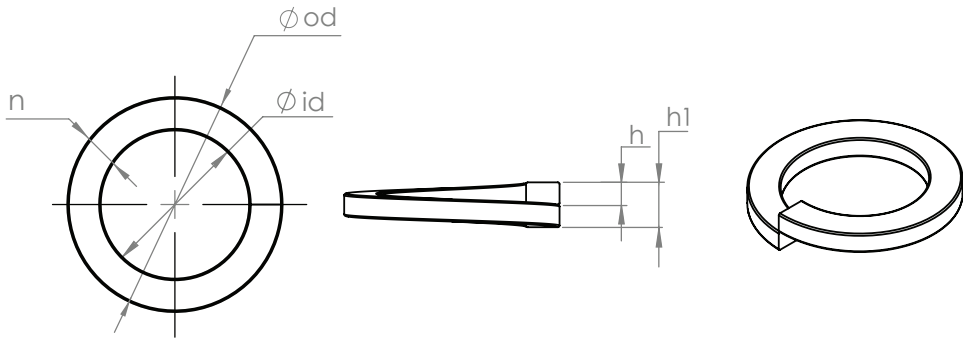
CHEMICAL COMPOSITION (%)

STAINLESS STEEL GRADE	C	Si	Mn	P	S	Cr	Ni	Mo	N
	MAX	MAX	MAX	MAX	MAX	RANGE	RANGE	RANGE	MAX
316	0.08	1.00	2.00	0.045	0.030	16-18	10-13	2-3	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 (mm)	INNER DIAMETER (id)		OUTER DIAMETER (od)	WIDTH (n)			THICKNESS (h)			UNCOMPRESSED HEIGHT (h1)	
	NOMINAL	MIN	MAX	NOM.	MIN	MAX	NOM.	MIN	MAX	MIN	MAX
M3		3.10	3.40								
M4		4.10	4.40								
M5		5.10	5.40								
M6		6.10	6.50								
M8		8.10	8.50								
M10		10.20	10.7								
M12		12.20	12.7								
M14		14.20	14.7								
M16		16.20	17.0								
M20		20.20	21.2								
M24		24.50	25.5								
M30		30.50	31.7								

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Bremick Pty Ltd
Head Office | 88 Dalmeny Avenue, Rosebery 2018
National Distribution Centre | M5/M7 Logistics Park,
Warehouse 4B, 290 Kurrajong Road, Prestons NSW 2170
www.bremick.com.au