

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 304
Standard:	Complies to DIN127:1987 - Type B
Mechanical Properties:	Complies to Bremick Specification
Chemical Composition:	Complies to ISO 15510:2014

MECHANICAL PROPERTIES

PROPERTIES	HARDNESS
	VICKERS (HV)
	MIN

STAINLESS STEEL

336

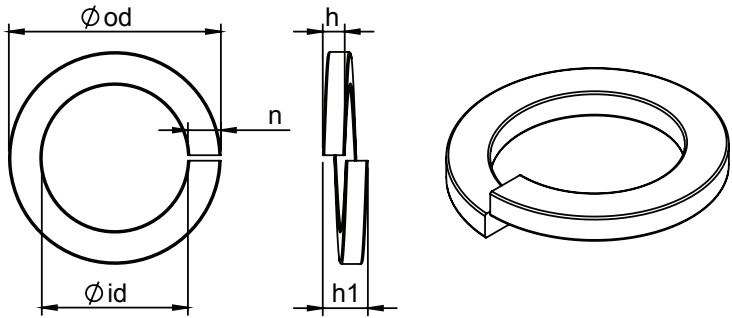
CHEMICAL COMPOSITION (%)

STAINLESS STEEL GRADE	C	Si	Mn	P	S	Cr	Ni	N
	MAX	MAX	MAX	MAX	MAX	RANGE	RANGE	MAX
304	0.07	1.00	2.00	0.045	0.030	17.5-19.5	8.00-10.5	0.10

MATERIAL INFORMATION

STAINLESS STEEL 304		
DESCRIPTION	OVERVIEW	CORROSION RESISTANCE
304 is the most commonly used stainless steel. It is an austenitic, offers excellent strength and corrosion resistance.	Bremick® 304 Stainless Steel provides an extreme level of protection and is recommended for wet external application. Bremick® 304 Stainless Steel is an austenitic stainless steel that offers all round performance.	Extreme

DIMENSIONAL DATA (mm)



BOLT DIAMETER (mm)	INNER DIAMETER (id)		OUTER DIAMETER (od)	WIDTH (n)			THICKNESS (h)			UNCOMPRESSED HEIGHT (h1)	
NOMINAL	MIN	MAX	MAX	NOM.	MIN	MAX	NOM.	MIN	MAX	MIN	MAX
M3	3.10	3.40	6.20	1.30	1.20	1.40	0.80	0.70	0.90	1.60	1.90
M4	4.10	4.40	7.60	1.50	1.40	1.60	0.90	0.80	1.00	1.80	2.10
M5	5.10	5.40	9.20	1.80	1.70	1.90	1.20	1.10	1.30	2.40	2.80
M6	6.10	6.50	11.8	2.50	2.35	2.65	1.60	1.50	1.70	3.20	3.80
M8	8.10	8.50	14.8	3.00	2.85	3.15	2.00	1.90	2.10	4.00	4.70
M10	10.20	10.7	18.1	3.50	3.30	3.70	2.20	2.05	2.35	4.40	5.2
M12	12.20	12.7	21.1	4.00	3.80	4.20	2.50	2.35	2.65	5.00	5.9
M16	16.20	17.0	27.4	5.00	4.80	5.20	3.50	3.30	3.70	7.00	8.3
M20	20.20	21.2	33.6	6.00	5.80	6.20	4.00	3.80	4.20	8.00	9.4

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