

SPRING WASHER IMPERIAL 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 ASME B18.21.1:2009
Mechanical Properties:	Complies to ASME B18.21.1:2009
Chemical Composition:	Complies to SAE J405:2018

MECHANICAL PROPERTIES (FULL-SIZE TESTS)

Properties	HARDNESS	
	ROCKWELL (HRC)	
	MIN	MAX
STAINLESS STEEL	35	43

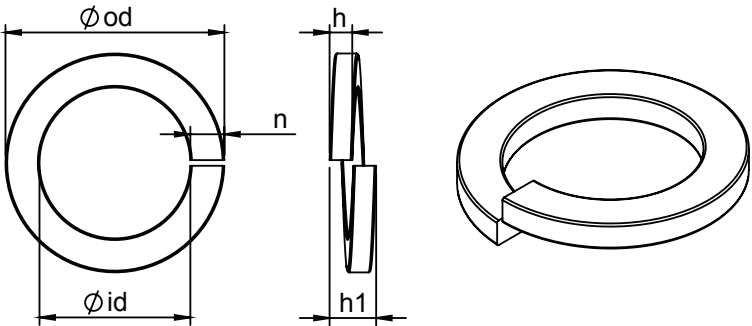
CHEMICAL COMPOSITION (%)

STAINLESS STEEL GRADE	C	Si	Mn	P	S	Cr	Ni	N
	MAX	MAX	MAX	MAX	MAX	RANGE	RANGE	MAX
304	0.08	0.75	2.00	0.045	0.030	18.00-20.00	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 (inches)



Diameter (mm)	Inner Diameter (id)		Outer Diameter (od)	Width (n)	Thickness (h)
NOMINAL	MIN	MAX	MAX	MIN	MIN
3/16	0.193	0.200	0.334	0.062	0.047
1/4	0.252	0.260	0.487	0.109	0.062
5/16	0.314	0.322	0.583	0.125	0.078
3/8	0.377	0.385	0.680	0.141	0.094
1/2	0.502	0.512	0.869	0.171	0.125
5/8	0.628	0.641	1.073	0.203	0.156

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