

NUT, BOLT, GASKET KIT RED RUBBER & ZINC PLATED CARBON STEEL

Features

- For ANSI 150# Flanges
- Full Face & Ring Style
- 1/16" & 1/8" Thickness
- Lengths for Joining Two Flanges*
- Red Rubber (Styrene-Butadiene or SBR) Gasket
- Carbon Steel Steel Hardware
- Hardware Finish: Zinc Plated
- Sizes: 1/2" to 18" **

Standards

- Gaskets
 - Meets ASME B16.21 for 150# Gaskets
 - Dimensions: ASME B16.5
- Bolts
 - Material - ASTM A307A Grade A
 - Dimensions - ASME B18.2.1
 - Thread - Class 2A
- Nuts
 - Material - SAE J995 Grade 2
 - Dimensions - ASME B18.2.2
 - Thread - Class 2B

Properties***

- Gaskets
 - Max. Temperature: 170°F (77°C)
 - Min. Temperature: -20°F (-29°C)
 - Max. Pressure: 200 PSIG (13.8 Bar)
 - Max Pressure x Temperature (PxT) - 20,000 (°F x PSIG)
 - Durometer Hardness: 75 Shore A±5
 - Tensile: 400 PSI
 - Elongation: 150%
 - Compression Set (22 Hrs @ 158°F): 35%
 - Heat Aging (94 Hrs @ 158°F):
 - Change in Hardness: +5 Shore A
 - Change in Tensile: -15%
 - Change in Elongation: -35%
 - Finish: Smooth
- Bolts
 - Tensile - 60 KSI Minimum
 - Elongation: 18% Minimum
 - Hardness: 69 - 100 Rb

* Based on 1/16" raised face and 1/8" gasket

** Not all configurations are available in all sizes. Please see the part number list on the back page

*** Gasket properties and application parameters shown on this data sheet are typical. Failure to select proper sealing products could result in property damage and/or serious personal injury.



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Part Numbers, Quantities & Bolt Sizes (inches)

Size	150# Flanges				Nut/Bolt Qty	Bolt Diameter	Bolt Length
	Full Face		Ring				
	1/16" Thick	1/8" Thick	1/16" Thick	1/8" Thick			
1/2	FNWNBGZ1RF6D	FNWNBGZ1RF8D	FNWNBGZ1RR6D	FNWNBGZ1RR8D	4	1/2-13	2
3/4	FNWNBGZ1RF6F	FNWNBGZ1RF8F	FNWNBGZ1RR6F	FNWNBGZ1RR8F	4	1/2-13	2
1	FNWNBGZ1RF6G	FNWNBGZ1RF8G	FNWNBGZ1RR6G	FNWNBGZ1RR8G	4	1/2-13	2-1/4
1-1/4	FNWNBGZ1RF6H	FNWNBGZ1RF8H	FNWNBGZ1RR6H	FNWNBGZ1RR8H	4	1/2-13	2-1/4
1-1/2	FNWNBGZ1RF6J	FNWNBGZ1RF8J	FNWNBGZ1RR6J	FNWNBGZ1RR8J	4	1/2-13	2-1/2
2	FNWNBGZ1RF6K	FNWNBGZ1RF8K	FNWNBGZ1RR6K	FNWNBGZ1RR8K	4	5/8-11	2-3/4
2-1/2	FNWNBGZ1RF6L	FNWNBGZ1RF8L	FNWNBGZ1RR6L	FNWNBGZ1RR8L	4	5/8-11	3
3	FNWNBGZ1RF6M	FNWNBGZ1RF8M	FNWNBGZ1RR6M	FNWNBGZ1RR8M	4	5/8-11	3
4	FNWNBGZ1RF6P	FNWNBGZ1RF8P	FNWNBGZ1RR6P	FNWNBGZ1RR8P	8	5/8-11	3
5	FNWNBGZ1RF6S	FNWNBGZ1RF8S	FNWNBGZ1RR6S	FNWNBGZ1RR8S	8	3/4-10	3-1/4
6	FNWNBGZ1RF6U	FNWNBGZ1RF8U	FNWNBGZ1RR6U	FNWNBGZ1RR8U	8	3/4-10	3-1/4
8	FNWNBGZ1RF6X	FNWNBGZ1RF8X	FNWNBGZ1RR6X	FNWNBGZ1RR8X	8	3/4-10	3-1/2
10	FNWNBGZ1RF610	FNWNBGZ1RF810	FNWNBGZ1RR610	FNWNBGZ1RR810	12	7/8-9	4
12	FNWNBGZ1RF612	FNWNBGZ1RF812	FNWNBGZ1RR612	FNWNBGZ1RR812	12	7/8-9	4
14		FNWNBGZ1RF814		FNWNBGZ1RR814	12	1-8	4-1/2
16	FNWNBGZ1RF616	FNWNBGZ1RF816		FNWNBGZ1RR816	16	1-8	4-1/2
18				FNWNBGZ1RR818	16	1-1/8-7	5

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