

SPECIFICATIONS

FIGURE NBG (NE & SS)
PIPING PRODUCTS



NUT, BOLT, GASKET KIT NEOPRENE & STAINLESS STEEL

FEATURES

- For ANSI 150# flanges
- Lengths for joining two flanges*
- Neoprene gasket
- 304 & 316 stainless steel hardware
- Hardware finish: material finish
- Sizes: 3" – 16"

PRODUCT SPECIFICATIONS

Standards

Gaskets:

- Meets ASME B16.21 for 150# gaskets
- Dimensions: ASME B16.5

Cap Screws:

- Material: ASTM F593 Grp 1 (304) or 2 (316)
- Heat Treatment: Condition CW
- Dimensions: ASME B18.2.1
- Thread: Class 2A

Nuts:

- Material: ASTM F593 Grp 1 (304) or 2 (316)
- Dimensions: ASME B18.2.2
- Thread: Class 2B

Properties**

Gaskets:

- Max. Temperature: 170°F (77°C)
- Min. Temperature: -20°F (-29°C)
- Durometer Hardness: 65 Shore A±5
- Tensile: 500 PSI
- Elongation: 300%
- Density: 93 – 100 lbs/ft³
- Compressibility: 20 – 30%
- Finish: Smooth
- Color: Black

Cap Screws:

- Tensile: 100 – 150 KSI (5/8"), 85 – 140 KSI (3/4" – 1")
- Hardness: B95 – C32 (5/8"), B80 – C32 (3/4" – 1")
- Yield: 65 KSI (5/8"), 45 KSI (3/4" – 1")



PART NUMBERS, QUANTITIES & SCREW SIZES (INCHES)

Size	Item #		Nut/ Screw Qty	Diameter	Bolt Length
	304 Stainless	316 Stainless			
3	FNWNBGS41NEF8M	FNWNBGS61NEF8M	4	5/8-11	3
4	FNWNBGS41NEF8P	FNWNBGS61NEF8P	8	5/8-11	3
6	FNWNBGS41NEF8U	FNWNBGS61NEF8U	8	3/4-10	3-1/4
8	FNWNBGS41NEF8X	FNWNBGS61NEF8X	8	3/4-10	3-1/2
10	FNWNBGS41NEF810	FNWNBGS61NEF810	12	7/8-9	4
12	FNWNBGS41NEF812	FNWNBGS61NEF812	12	7/8-9	4
14	FNWNBGS41NEF814	FNWNBGS61NEF814	12	1-8	4-1/2
16	FNWNBGS41NEF816	FNWNBGS61NEF816	16	1-8	4-1/2

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

**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.