

# Nut, Bolt and Gasket Kits

## For Class 300 Flanges

### Inches / Pounds



#### Hex Head Bolts:

- ASTM A307 Grade Carbon Steel
- Minimum tensile strength: 60,000 PSI
- UNC Threads

#### Heavy Hex Nuts:

- ASTM A563, Grade A Carbon Steel

#### Ring Gasket: TESNIT® BA-50

A composition of aramid fiber, inorganic fillers and NBR binder with good thermal, dynamic and chemical resistance makes it an appropriate choice for use in a wide range of applications. BA-50 is well suited for use with potable water supply and shipbuilding.

- Color: Light Green
- Thickness: 1/16"
- Max temperature: 536° F
- Continuous temp max: 428° F
- Steam temp max: 356° F
- Comparable products: Garlock

Part #	Flange NPS Size	Bolt Dia	Qty of Bolts	Bolt Length *	Gasket ID	Gasket OD
K3NAG.5K	1/2	1/2	4	2.3	0.84	2.12
K3NAG.75K	3/4	5/8	4	2.5	1.06	2.62
K3NAG1K	1	5/8	4	2.5	1.31	2.88
K3NAG1.25K	1 1/4	5/8	4	2.8	1.66	3.25
K3NAG1.5K	1 1/2	3/4	4	3.0	1.91	3.75
K3NAG2K	2	5/8	8	3.0	2.38	4.38
K3NAG2.5K	2 1/2	3/4	8	3.3	2.88	5.12
K3NAG3K	3	3/4	8	3.5	3.50	5.88
K3NAG4K	4	3/4	8	3.8	4.50	7.12
K3NAG5K	5	3/4	8	4.3	5.56	8.50
K3NAG6K	6	3/4	12	4.3	6.62	9.88
K3NAG8K	8	7/8	12	4.8	8.62	12.12
K3NAG10K	10	1	16	5.5	10.75	14.25
K3NAG12K	12	1 1/8	16	5.8	12.75	16.62
K3NAG14K	14	1 1/8	20	6.3	14.00	19.12
K3NAG16K	16	1 1/4	20	6.5	16.00	21.25
K3NAG18K	18	1 1/4	24	6.8	18.00	23.50
K3NAG20K	20	1 1/4	24	7.3	20.00	25.75
K3NAG24K	24	1 1/2	24	8.0	24.00	30.50

\*Bolt length is measured from under the bolt head to the last full thread



Nut, bolt and gasket kits for class 300 flanges; Hex Head Bolts: ASTM A307 Grade carbon steel, Minimum tensile strength of 60,000 P:  
 Nut, bolt and gasket kits for class 150 flanges; Hex Head Bolts: ASTM A307 Grade carbon steel, Minimum tensile strength of 60,000 P:  
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BR fillers, 1/16 inch thick, Max Temp 536 deg F, Continuous Temp Max 428 deg F, Stem Temp Max 356 deg F; For NPS Flange Size: :  
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1/2 inch, Bolt Diameter: 1/2 inch, Number of Bolts and Nuts in kit: 4, Bolt length: 2.25 inch, Ring gasket ID: 0.84 inch, Ring gasket OD: 1.06 inch, Bolt Diameter: 5/8 inch, Number of Bolts and Nuts in kit: 4, Bolt length: 2.5 inch, Ring gasket ID: 1.06 inch, Ring gasket OD: 1.31 inch, Bolt Diameter: 5/8 inch, Number of Bolts and Nuts in kit: 4, Bolt length: 2.5 inch, Ring gasket ID: 1.31 inch, Ring gasket OD: 2.0 inch, Bolt Diameter: 5/8 inch, Number of Bolts and Nuts in kit: 4, Bolt length: 2.75 inch, Ring gasket ID: 1.66 inch, Ring gasket OD: 2.0 inch, Bolt Diameter: 3/4 inch, Number of Bolts and Nuts in kit: 4, Bolt length: 3 inch, Ring gasket ID: 1.91 inch, Ring gasket OD: 2.38 inch, Bolt Diameter: 5/8 inch, Number of Bolts and Nuts in kit: 8, Bolt length: 3 inch, Ring gasket ID: 2.38 inch, Ring gasket OD: 4.38 inch, Bolt Diameter: 3/4 inch, Number of Bolts and Nuts in kit: 8, Bolt length: 3.25 inch, Ring gasket ID: 2.88 inch, Ring gasket OD: 3.5 inch, Bolt Diameter: 3/4 inch, Number of Bolts and Nuts in kit: 8, Bolt length: 3.5 inch, Ring gasket ID: 3.5 inch, Ring gasket OD: 5.81 inch, Bolt Diameter: 3/4 inch, Number of Bolts and Nuts in kit: 8, Bolt length: 3.75 inch, Ring gasket ID: 4.5 inch, Ring gasket OD: 7.0 inch, Bolt Diameter: 3/4 inch, Number of Bolts and Nuts in kit: 8, Bolt length: 4.25 inch, Ring gasket ID: 5.56 inch, Ring gasket OD: 8.0 inch, Bolt Diameter: 3/4 inch, Number of Bolts and Nuts in kit: 12, Bolt length: 4.25 inch, Ring gasket ID: 6.62 inch, Ring gasket OD: 8.0 inch, Bolt Diameter: 7/8 inch, Number of Bolts and Nuts in kit: 12, Bolt length: 4.75 inch, Ring gasket ID: 8.62 inch, Ring gasket OD: 10.0 inch, Bolt Diameter: 1 inch, Number of Bolts and Nuts in kit: 16, Bolt length: 5.5 inch, Ring gasket ID: 10.75 inch, Ring gasket OD: 12.0 inch, Bolt Diameter: 1 1/8 inch, Number of Bolts and Nuts in kit: 16, Bolt length: 5.75 inch, Ring gasket ID: 12.75 inch, Ring gasket OD: 14.0 inch, Bolt Diameter: 1 1/8 inch, Number of Bolts and Nuts in kit: 20, Bolt length: 6.25 inch, Ring gasket ID: 14.0 inch, Ring gasket OD: 16.0 inch, Bolt Diameter: 1 1/4 inch, Number of Bolts and Nuts in kit: 20, Bolt length: 6.5 inch, Ring gasket ID: 16.0 inch, Ring gasket OD: 18.0 inch, Bolt Diameter: 1 1/4 inch, Number of Bolts and Nuts in kit: 24, Bolt length: 6.75 inch, Ring gasket ID: 18.0 inch, Ring gasket OD: 20.0 inch, Bolt Diameter: 1 1/4 inch, Number of Bolts and Nuts in kit: 24, Bolt length: 7.25 inch, Ring gasket ID: 20.0 inch, Ring gasket OD: 24.0 inch, Bolt Diameter: 1 1/2 inch, Number of Bolts and Nuts in kit: 24, Bolt length: 8 inch, Ring gasket ID: 24.0 inch, Ring gasket OD: 31.0 inch



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2.62 inch  
88 inch  
D: 3.25 inch  
3.75 inch  
3 inch  
D: 5.12 inch  
8 inch  
12 inch  
3.5 inch  
9.88 inch  
12.12 inch  
14.25 inch  
OD: 16.62 inch  
1: 19.12 inch  
21.25 inch  
1: 23.5 inch  
1: 25.75 inch  
0.5 inch