SPECIFICATIONS

FIGURE NBSG5 PIPING PRODUCT



CARBON STEEL FLANGE NUT & BOLT SET - GRADE 5

FEATURES

- For ANSI 150# Flanges
- Lengths for joining two flanges*
- Material: Carbon steel
- Finish: Zinc-plated
- Sizes: 1/2" to 12"

PRODUCT SPECIFICATIONS

Standards

Cap Screws:

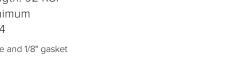
- Material: SAE J429 Grade 5
- Dimensions: ASME B18.2.1
- Thread: Class 2A

Nuts:

- Material: SAE J995 Grade 5
- Dimensions: ASME B18.2.2
- Thread: Class 2B

Cap Screw Properties

- Minimum proof strength: 85 KSI
- Minimum yield strength: 92 KSI
- Tensile: 120 KSI Minimum
- Hardness: C25–C34
- * Based on 1/16" raised face and 1/8" gasket





FNW NBSG5 <u>Z 1 SIZE</u>						
Finish	Flange	Size Code				
Z = Zinc	1 = 150#	1/2 = D 3/4 = F 1 = G 1-1/4 = H 1-1/2 = J 2 = K 2-1/2 = L	3 = M 4 = P 5 = S 6 = U 8 = X 10 = 10 12 = 12			



150# PACK QUANTITIES & BOLT SIZES (INCHES)

Size	Bolt Qty	Nut Qty	Diameter	Bolt Length
1/2	4	4	1/2 – 13	2
3/4	4	4	1/2 – 13	2
1	4	4	1/2 – 13	2-1/4
1-1/4	4	4	1/2 – 13	2-1/4
1-1/2	4	4	1/2 – 13	2-1/2
2	4	4	5/8 – 11	2-3/4
2-1/2	4	4	5/8 – 11	3
3	4	4	5/8 – 11	3
4	8	8	5/8 – 11	3
5	8	8	3/4 — 10	3-1/4
6	8	8	3/4 — 10	3-1/4
8	8	8	3/4 — 10	3-1/2
10	12	12	7/8 – 9	4
12	12	12	7/8 – 9	4