

**Specifications for: 1/2"-13 X 4-1/2" Carriage Bolts, Round Head, Square Neck, Full Thread, Grade 8 Steel**

Notes:

- Category: Carriage Bolts
- Head Style: Round Head
- System of Measurement: Inch
- Head Style Detail: Square Neck
- Head Markings: Six radial lines 60 degrees apart and manufacturer ID
- Thread Length: Full Thread
- Thread Direction: Right-Hand Thread
- Material: Steel
- Material Grade: Grade 8 Steel
- Coating: Uncoated
- Standards and Specifications: ASME B18.5 and SAE J429

"AF" IS MEANT TO REPRESENT THE MANUFACTURER'S ID MARKING  
AND WILL VARY DEPENDING ON THE MANUFACTURER OF THE PARTS..

