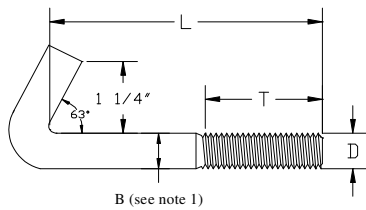
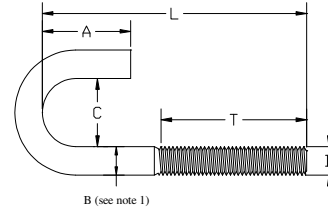


Earnest Machine Products offers two styles of J Bolts

**1. Hook Bolt with Special Bend**



**2. Hook Bolt with Round Bend**



**Special Bend J bolts** have a 63 degree bend angle and **Round Bend J bolts** have a radiused bend.

**Special Bend** hook bolts are available in two strength levels.

1. Carbon Steel

Our carbon steel line is made from low carbon steel.

Tensile Strength – 60,000 psi min

Hardness – Rb 70 min

2. Medium Carbon Steel Heat Treated

Our heat treated line is made to the material and physical properties specified for Grade 5.

Tensile Strength – 120,000 psi min

Hardness – Rc 25/34

**Round Bend** hook bolts are available in carbon steel.

3. Carbon Steel

Our carbon steel line is made from low carbon steel.

Tensile Strength – 60,000 psi min

Hardness – Rb 70 min

**1.) Manufacture:** Hook Bolts are manufactured in accordance with the following specifications:

IFI –136      Basic Dimensions and Workmanship

ANSI B1.1    Threads

**2.) Dimensions:**

**Special Bend Hook Bolts**

Length tolerance (L): +/- .100"

Tolerance for 1 1/4 " short leg length: +/- .060"

Thread Length (T): 2.000" min for lengths less than 5".  
 3.000" min for lengths 5" and longer.

Tolerance on Thread Length: + 3 Thread Pitches.

Bend Angle: +/- 5°

**Round Bend Hook Bolts**

Length tolerance (L): +/- .100"

Tolerance for short leg length (A): +/- .060"

Thread Length (T): 3.500" min for lengths 5" and longer.

Tolerance on Thread Length: + 3 Thread Pitches.

Size	Length	Thread Length
1/2 – 13	4"	2"
1/2 – 13	4 1/2"	2"
1/2 - 13	5"	3"
1/2 – 13	6"	3"
1/2 – 13	7"	3"
5/8 – 11	5"	3"
5/8 – 11	6"	3"
5/8 – 11	7"	3"
5/8 – 11	8"	3"

Size	Length	A	C	TL
1/2-13	6"	1 1/2	2 1/2	3.500"
5/8-11	6"	2	2 3/4	3.500"

Note 1: Bolt shank diameter (B) may be equal to the basic major diameter of the applicable thread or to the basic (blank) diameter for rolled threads, dependent on the method of manufacture.