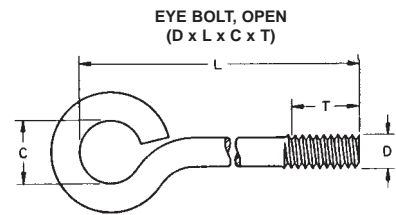
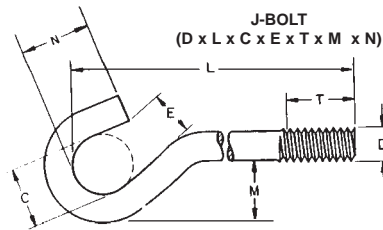


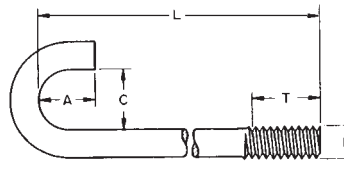


BENT BOLTS

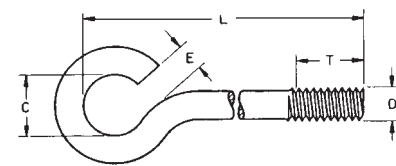
Alloy & Stainless Fasteners supplies a complete line of bent bolts, each specially produced to your specifications. Our bent bolts are produced with all types of threads: coarse, fine, right-hand, left-hand, Acme, Whitworth, Metric and all specials. Threads may be cut or rolled; when cut, the shank diameter is equal to the nominal major diameter of the threads; when rolled, the shank diameter is slightly smaller, roughly equivalent to the pitch diameter of the threads. **Alloy & Stainless Fasteners** produces bent bolts in carbon, stainless, alloy and nonferrous steels including nickel, copper and aluminum alloys. Special services include full traceability, rush deliveries, special machining, plating and heat treating. Corresponding nuts and washers also available upon request.



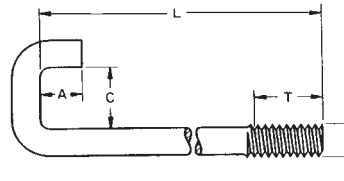
HOOK BOLT, ROUND BEND
(D x L x C x A x T)



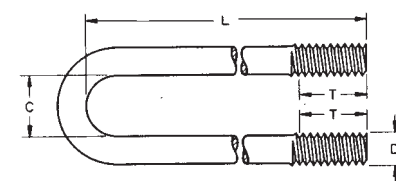
EYE BOLT, OPEN
(D x L x C x E x T)



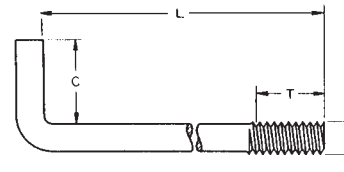
HOOK BOLT, SQUARE BEND
(D x L x C x A x T)



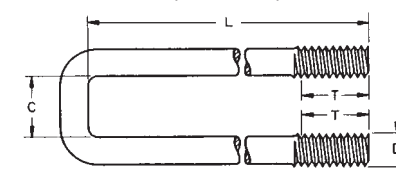
U-BOLT, ROUND BEND
(D x L x C x T)



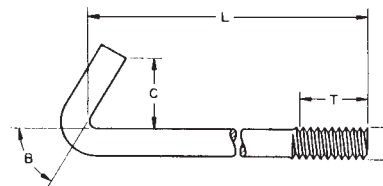
HOOK BOLT, RIGHT ANGLE BEND
(D x L x C x T)



U-BOLT, SQUARE BEND
(D x L x C x T)



HOOK BOLT, SPECIAL (D x L x C x T x B)
(B expressed in degrees)



NOTES:

1. To avoid possible misunderstanding when specifying the dimensions of bent bolts, it is recommended that they be given in the order indicated by the dimension letters in brackets above each illustration. For example, if a J-Bolt is required with $D = \frac{3}{8}$ " , $L = 6$ " , $C = 1$ " , $E = \frac{5}{8}$ " , thread length $T = 1\frac{1}{2}$ " , $M = \frac{7}{8}$ " , and $N = 1\frac{1}{4}$ " , it should be specified as a $\frac{3}{8}$ " x 6" x 1" x $\frac{5}{8}$ " x $1\frac{1}{2}$ " x $\frac{7}{8}$ " x $1\frac{1}{4}$ " J-Bolt.

2. Thread length is the distance from the extreme end of bolt to (and includes) the last complete (full form) thread.

* Grinnell specifications for bent bolts are also available.

** Round Bend U-Bolts can be ordered by pipe size.