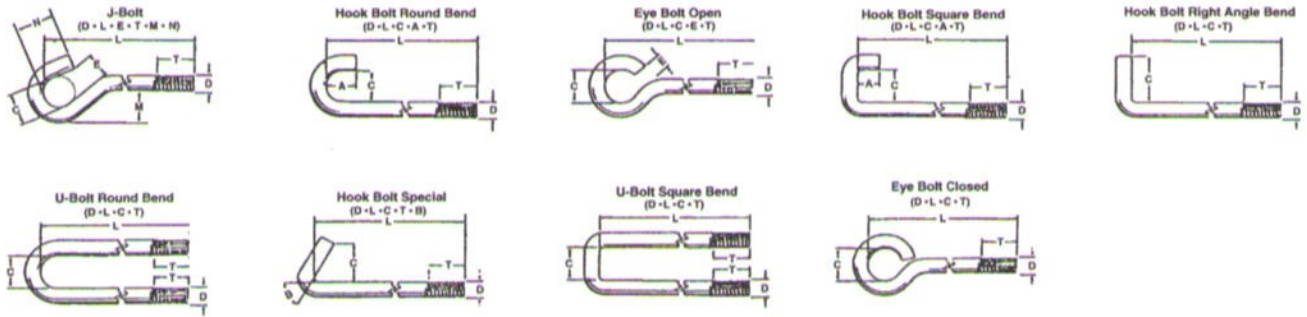
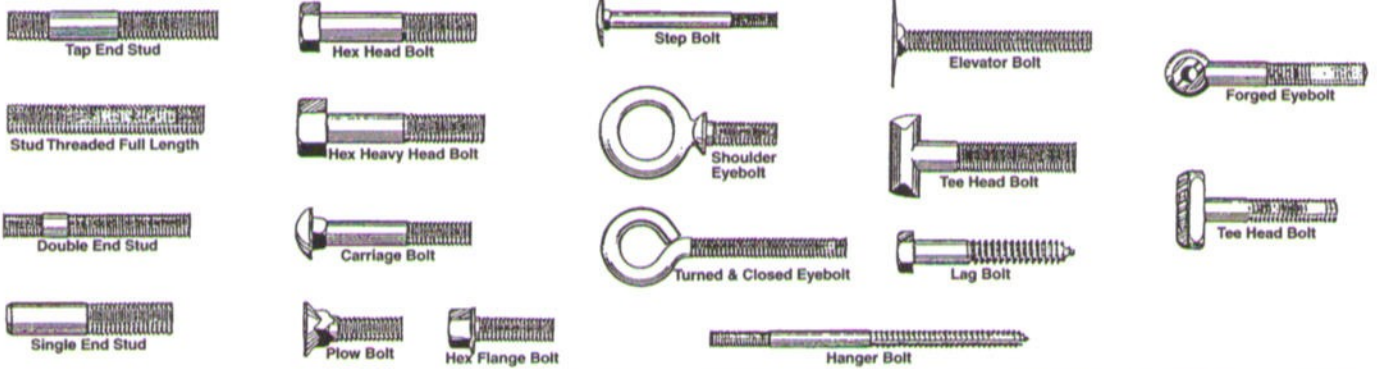


BOLTS & BENT HARDWARE

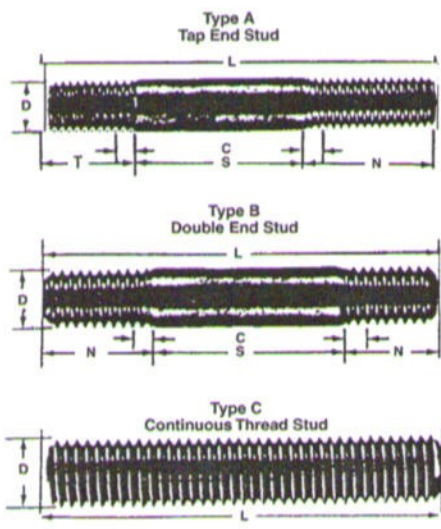


CONTINUOUS THREAD STUDS

When ordering Tap End or Double End Studs it is important that the lengths and fits of thread for both ends be specified on the order.

When ordering Continuous Thread Studs, if 1 inch diameter or over, it is important that all purchase orders specify the number of threads per inch.

Unless otherwise specified, all threads will be United National Coarse Thread Series and, unless otherwise indicated, all studs will be furnished to standards on this page (except when purchased to ASTM Specifications in which case standards for those specifications will apply).



- D = Normal Size or Diameter of Studs.
- L = Length measured overall, unless specified otherwise.
- T = Length of thread on tap end = $1-1/2D$ with plus tolerance of 2-1/2 threads, measured from extreme point to last scratch of thread.
- N = Length of thread on Nut End = $2D + 1/4$ inch for studs up to and including 6 inches in length, and $2D + 1/2$ inch for studs over 6 inches in length, measured from extreme point to last scratch of thread with plus tolerance of 2-1/2 threads.

On Tap End Studs when the Stud length is less than $4-3/4D$, the thread length shall be $1-1/2D$ Min. with a plus tolerance of 2-1/2 threads; and for Tap End Studs with a length of $3D$ or less, the thread length shall be specified when ordering.

On Short "Double End" Studs where the formula for thread lengths is equal to or greater than stud length, each end shall be threaded an equal distance to the middle unless otherwise specified.

C = Length of imperfect thread shall not exceed 2-1/2 threads in length.

S = Length of unthreaded body and will vary with length L.

THREADS: Tap End Studs are threaded Class 5 fit (Steam Tight) on the tap or short end; and on the long or nut end, Unified Thread Series Class 2A fit.

Double End and Continuous Thread Studs are threaded Unified Thread Series Class 2A fit.

Studs to other standards than above can readily be furnished upon receipt of desired specifications or blueprints.