1. Unified Inch Screw Threads: per ASME B1.1
   Federal Std. H28/2 Military Std. MIL-S-7742D

   Nominal Size-Basic Major Diameter*
   Number of Threads Per Inch (TPI)
   Thread Form & Series (UN, UNC, UNF, UNEF, UNS)
   Class of Fit**
   Gaging System per ASME B1.3M
   Pitch (in millimeters)
   1/2 - 20
   UNF - 2A (21)
   (21, 22, or 23)

   *Decimal or machine screw number.
   **1A, 2A, or 3A external (1B, 2B or 3B internal) or (SPL for specials).

2. Inch “J” Series Screw Threads:
   per Military Std. MIL-S-8879C (25 July 1991)

   Nominal Size-Basic Major Diameter*
   Number of Threads Per Inch (TPI)
   Thread Form & Series**
   Class of Fit (3A ext., 3B int.)
   Application Category***
   Safety Critical Thread
   Military Standard Number
   .1500 - 20
   UNJV - 3A

   *Expressed as a 4-place inch decimal ONLY.
   **UNJ, UNJC, UNJF, UNEF, UNS.

3. Metric Screw Threads: per ASME B1.13M
   Federal Std. H28/21

   Metric Thread Symbol, ISO 68 Metric Thread Form
   Normal Size (Basic Major Dia. in millimeters)
   Pitch (in millimeters)
   Tolerance Class
   Gaging System per ASME B1.3M
   (21, 22, or 23)

   M 8 x 1-4g6h

   Standard Allowance Grades:
   Internal Threads G and H shown as capital letter.
   External Threads e, f, g and h shown as lower case letter.

   Internal Tolerances Grades:
   Internal Threads
   Pitch and Minor Diameter 4, 5, 6, 7 and 8.

   External Threads:
   Pitch Diameter 3, 4, 5, 6, 7, 8 and 9.
   Major Diameter 4, 6 and 8.