Thread Symbol List

1. UNC

 - Unified National Coarse

 - A coarse thread standard in the Unified Thread Series, used primarily in North America. Example: 1/4"-20 UNC.

2. UNF

 - Unified National Fine

 - A finer pitch thread than UNC, providing better strength in certain materials. Example: 1/4"-28 UNF.

3. UNEF

 - Unified National Extra Fine

 - An even finer pitch than UNF, used for specialized applications requiring closer tolerances. Example: 3/8"-32 UNEF.

4. ISO Metric (M)

 - International Standard Metric Thread

 - Used globally, metric thread designations include diameter and pitch in millimeters. Example: M10x1.5 (10 mm diameter, 1.5 mm pitch).

5. NPT

 - National Pipe Tapered

 - A U.S. standard for tapered threads used in pipe fittings for sealing applications. Example: 1/2" NPT.

6. BSP

 - British Standard Pipe

 - Standard pipe thread used in the UK and some other countries. Includes both tapered (BSPT) and parallel (BSPP) versions. Example: 1/2" BSPT.

7. Acme Thread

 - A trapezoidal thread form used in lead screws for machinery. Provides strength and wear resistance. Example: 1"-5 ACME.

8. Buttress Thread

 - A thread form used in applications that experience heavy axial loads in one direction. Common in hydraulic systems.

9. LH

 - Left-Hand Thread

 - Indicates a thread that tightens counterclockwise, opposite to the more common right-hand thread. Example: M10x1.5 LH.

10. Trapezoidal (Tr)

 - A thread form similar to ACME but primarily used in Europe for power transmission. Example: Tr20x4 (20 mm diameter, 4 mm pitch).

11. G

 - British Standard Pipe Parallel (BSPP)

 - A parallel thread used in sealing with a washer or an O-ring. Example: G1/4".

12. DIN

 - Threads that conform to German Institute for Standardization (Deutsches Institut für Normung) standards. Example: DIN 13 (ISO metric thread standard).

13. S

 - Stub Acme

 - A variant of the ACME thread with a reduced height for limited space applications. Example: Stub Acme 1"-4.

14. Pg

 - Panzergewinde (German Conduit Thread)

 - Used for electrical conduit threads in Europe. Example: Pg 16.

15. BSW

 - British Standard Whitworth

 - A British thread standard with a 55° thread angle. Example: 1/2" BSW.