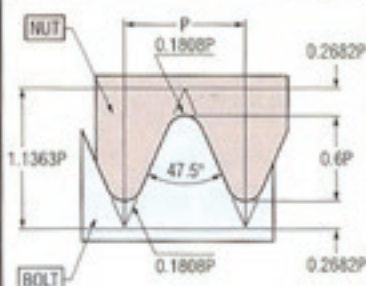


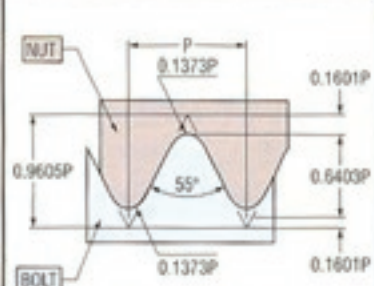
ABBREVIATIONS (SYMBOLS) USED FOR STANDARD THREADS

Symbol	Reference	Thread Angle (incl.)
BA	British Association Thread	47 1/2°
BSB	British Standard Brass (26 tpi) Thread	55°
BSCy	British Standard Cycle Thread	55°
BS CON	British Standard Conduit Thread	55°
BSF	British Standard Fine Thread	55°
BS GAS	British Standard Gas Thread	55°
BSPP	British Standard Pipe Parallel Thread	55°
BSPT	British Standard Pipe Taper Thread	55°
BSW	British Standard Whitworth (Coarse) Thread	55°
M	ISO Metric (Coarse Pitch) Thread	60°
MF	ISO Metric (Fine Pitch) Thread	60°
N	National 8, 12 and 16 Thread Series (8N, 12N, 16N)	60°
NC	National Coarse Thread Series	60°
NEF	National Extra-Fine Thread Series	60°
NF	National Fine Thread Series	60°
NPT	National Pipe Taper Thread	60°
NPTF	National Pipe Taper Fuel (Fuel & Oil) Thread	60°
NPTR	National Pipe Taper Railing (Railing Joints) Thread	60°
NPS	National Pipe Straight Thread	60°
NPSC	National Pipe Straight Coupling (Pipe Couplings) Thread	60°
NPSF	National Pipe Straight Fuel (Fuel & Oil) Thread	60°
NPSH	National Pipe Straight Hose (Hose Couplings) Thread	60°
NPSI	National Pipe Straight Intermediate Thread	60°
NPSL	National Pipe Straight Lock (Lock Nut) Thread	60°
NPSM	National Pipe Straight Mechanical Thread	60°
NS	National Special Thread	60°
STI	Special Thread Insert (for Helical Coil Wire Screw Thread Inserts)	55° or 60°
TR	Trapezoidal Thread	30°
UN	Unified National (Constant-Pitch) Thread Series	60°
UNC	Unified National Coarse Thread	60°
UNEF	Unified National Extra-Fine Thread Series	60°
UNF	Unified National Fine Thread	60°
UNJ	Unified Nat. Thread Series with a 0.1501p to 0.1804p Controlled Root Radius (external threads)	60°
UNM	Unified National Miniature Thread Series	60°
UNR	Unified National Round (round root) Thread with a 0.1082p to 0.1443p Controlled Root Radius	60°
UNS	Unified National Special Thread	60°
V	A 60° "V" Thread with Truncated Crest and Root	60°
WHIT	Whitworth Form (Special) Thread	55°

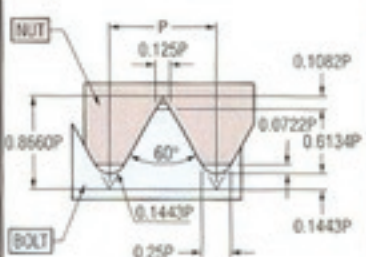
COMMON FASTENER THREAD FORMS



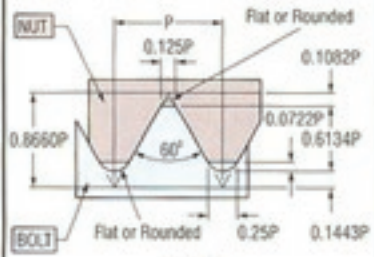
B.A.
(BRITISH ASSOCIATION)
Use : Fine - mechanical industry especially electrical utility, electronics.



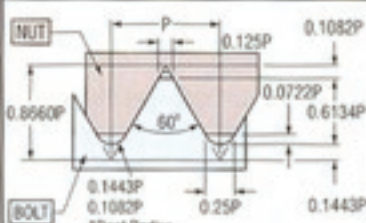
BSW / BSF
BSW (BRITISH STD. WHITWORTH)
BSF (BRITISH STD. FINE)
Use : As a general machine thread



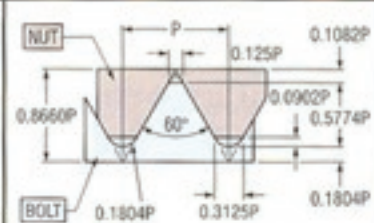
M
(ISO METRIC)
Use : All branches of mechanical industry.



UNC
(UNIFIED NATIONAL COARSE)
UNF
(UNIFIED NATIONAL FINE)
Use : Mechanical industry



UNR (UNIFIED NATIONAL ROUND)
*UNR - Unified National Round (round root) applies to External Threads. It is a UN thread in all respects except that the root radius must be rounded. Inspected only when specified. Most manufacturers of externally thread fasteners produce UNR rolled threads rather than plain UN.
Use : Mechanical industry



UNJ (CONTROLLED ROOT RADIUS)
*Applies to External Threads. Root Radius mandatory Assemblies only with UNJ Internal threads. Mandatory inspection required.
Use : High Tensile Fasteners in Aircraft & Space industry