



US Inch Connecting Elements

UNC			UNF		
Unified National Coarse Thread Series			Unified National Fine Thread Series		
1/4"	-	20 UNC	x	1"	
Thread Diameter		Threads per 1"		Thread Diameter	Threads per 1"
					Length

UNEF (Unified National Extra Fine Thread Series)

1/4" - 32 UNEF x 1"

American extra fine threads

UNS (Unified National Threads of Special Diameters and Pitches)

1/4" - 36 UNS x 1

American thread series with special diameters and pitches

UN (Unified National Constant Pitch Thread Series)

1 3/4" - 8 UN x 5"

American thread series with a constant pitch in various diameters

NPT (Unified National Constant Pitch Thread Series)

1" - 11 1/2 NPT

American Pipe tapered thread (not leakproof) 1:16

General type of application, e.g. for inspections plugs etc

NPTF dry leakproof (National Pipe Taper Fuel Thread)

American sealing and pressure tight tapered pipe thread. Taper 1:16

General types of application e.g. for inspection plugs, etc.

NPS (National Pipe Straight Thread)

American cylindrical standard pipe thread fastening thread for general application

Comparable with the English BSPP coarse thread.

NPSF (National Pipe Straight Fuel Thread)

American leakproof and pressure tight cylindrical pipe thread.

Preferable used to screw up tight oil and fuel pipes.



English Inch Connecting Elements

BSW (also known as Ww)

British Standard Withworth Coarse

1/4" - 20 BSW x 1"

Thread Diameter

Threads per 1"

Length

BSF

British Standard Fine thread Series

1/4" - 26 BSF x 1"

Thread Diameter

Threads per 1"

Length

G

G 1/4" - 19 threads

Cylindrical pipe thread as of DIN ISO 228 (not leakproof)

BSPP (British Standard Pipe Parallel Thread)

1/4" - 19 BSPP

English cylindrical pipe thread

Also similar to the German cylindrical pipe thread G

R

R 1/4" - 19 threads

Conical outer surface pipe threads as of DIN 2999

BSPT (British Standard Pipe Taper Thread)

1/4" - 19 BSPT

English conical pipe thread. Cone 1:16

Also similar to the German conical pipe thread R.

BA (British Association Standard Thread)

2 BA x 1"

English special threads with 47 1/2° flank angle.

Used in instruments and clocks

They are replaced by the metric ISO threads and the ISO miniature threads.