

PITCH DIAMETER LIMIT SYMBOLS

HSG: *High Speed Ground*

G: *Ground Thread*

H: *(High) Pitch diameter is above basic*

L: *(Low) Pitch diameter is below basic (replaces the letter "H")*

The number following "H" or "L" signifies the number of .0005" steps above or below the basic pitch diameter.

Standard taps 1" diameter and smaller are ground to a .0005" tolerance on the pitch diameter and are marked with one of these corresponding pitch diameter limits:

L1	=	Basic to basic minus .0005"
H1	=	Basic to basic plus .0005"
H2	=	Basic plus .0005" to basic plus .0010"
H3	=	Basic plus .0010" to basic plus .0015"
H4	=	Basic plus .0015" to basic plus .0020"
H5	=	Basic plus .0020" to basic plus .0025"
H6	=	Basic plus .0025" to basic plus .0030"

Standard taps larger than 1" diameter are ground to a .0010" tolerance on the pitch diameter and are marked with this pitch diameter limit:

H4	=	Basic plus .0010" to basic .0020"
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THREAD FORM SYMBOLS

M	Metric Screw Thread Series	NPSI	Dryseal American National Standard Intermediate Internal Straight Pipe Thread
NC	American National Coarse Thread Series	NPSL	American National Standard Straight Pipe Thread for Loose Fitting Mechanical Joints with Locknuts
UNC	Unified Coarse Thread Series	NPSM	American National Standard Straight Pipe Thread for Free Fitting Mechanical Joints for Fixtures (Tap marked NPS)
NF	American National Fine Thread Series	NPTR	American National Standard Taper Pipe Thread for Railing Joints (Tap marked NPT)
UNF	Unified Fine Thread Series	NGO	National Gas Outlet Thread
NEF	American National Extra Fine Thread Series	NH	American National Hose Coupling and Fire Hose Coupling Threads
UNEF	Unified Extra Fine Thread Series	AMO	American Standard Microscope Objective Thread
N	American National 8, 12 and 16 Thread Series	ACME C	Acme Thread – Centralizing
UN	Unified Constant-Pitch Thread Series	ACME G	Acme Thread – General Purpose
UNR	Unified Constant-Pitch Thread Series with a 0.108P to 0.144P Controlled Root Radius	N BUTT	American Buttress Screw Thread
UNJ	Unified Thread Series with a 0.15011P to 0.18042P Controlled Root Radius External Thread Only	STI	Special Threads for Helical Coil Wire Screw Thread Inserts
UNM	Unified Miniature Thread Series		
NS	American National Thread – Special		
UNS	Unified Thread – Special		
NPT	American National Standard Taper Pipe Thread		
NPTF	Dryseal American National Standard Taper Pipe Thread (Fuel)		
PTF	Dryseal SAE Short Taper Pipe Thread		
ANPT	Aeronautical National Form Taper Pipe Thread (MIL-P-7105)		
NPS	For Tap Marking Only (See NPSC, NPSM)		
NPSC	American National Standard Straight Pipe Thread in Pipe Couplings (Tap marked NPS)		
NPSF	Dryseal American National Standard Internal Straight Pipe Thread (Fuel)		
NPSH	American National Standard Straight Pipe Thread for Hose Couplings and Nipples		

Symbols used for British threads are:

BSW	British Standard Whitworth Coarse Thread Series
BSF	British Standard Fine Thread Series
BSP (BSP.TR)	British Standard Taper Pipe Thread
BSPP (BSP.PL)	British Standard Pipe (Parallel) Thread
WHIT	Whitworth Standard Special Thread
BA	British Association Standard Thread