

ANSI Thread Series Designations

HEMCO

<u>Designations</u>	<u>Thread Series</u>	<u>ANSI Reference</u>
ACME-C	Acme Threads, centralizing	B1.5
ACME-G	Acme threads, general purpose (see also Stub Acme)	B1.5
AMO	American Standard microscope objective threads	B1.11
ANPT	Aeronautical National Form taper pipe threads (2)	. . .
BUTT	Buttress threads, pull type	B1.9
PUSH-BUTT	Buttress threads, push type	B1.9
F-PTF	Dryseal fine taper pipe thread series	B1.20.3 (Appendix C)
M	Metric screw threads - M profile with basic ISO 68 Profile	B1.13M, B1.18M
MJ	Metric screw threads - MJ profile with rounded root of radius 0.15011P to 0.18042P	B1.21M
MJS	Metric screw threads - MJ profile special series	B1.21M
	Class 5 interference fit external threads	B1.12
NC5HF	For driving in hard ferrous material of hardness over 160 Bhn	
NC5 CSF	For driving in copper alloy and soft ferrous material of 160 Bhn or less	
NC5 ONF	For driving in other nonferrous material (Nonferrous materials other than copper alloys), any hardness	
	Class 5 interference fit internal threads	B1.12
NC5 IF	Entire ferrous material range	
NC5 INF	Entire nonferrous material range	
NGO	National gas outlet threads (1)	ANSI/CGA V-1 (B57.1)
NGS	National gas straight threads	ANSI/CGA V-1 (B57.1)
NGT	National gas taper threads (see also SGT)	ANSI/CGA-V1 (B57.1)
NH	American Standard hose coupling threads of full form	B2.4 (B1.20.7)
NHR	American Standard hose coupling threads for garden hose applications	B2.4 (B1.20.7)
NPSC	American Standard Straight pipe threads in pipe couplings	B1.20.1
NPSF	Dryseal American Standard fuel internal straight pipe threads	B1.20.3
NPSH	American Standard straight hose coupling threads for joining to American Standard taper pipe threads	B2.4
NPSI	Dryseal American Standard intermediate internal straight pipe threads	B1.20.3
NPSL	American Standard straight pipe threads for loose-fitting mechanical joints with locknuts	B1.20.1
NPSM	American Standard straight pipe threads for free-fitting mechanical joints for fixtures	B1.20.1
NPT	American Standard taper pipe threads for general use	B1.20.1
NPTF	Dryseal American Standard taper pipe threads	B1.20.3
PTF-SAE Short	Dryseal SAE short taper pipe threads	B1.20.3
PTF-SPL Short	Dryseal special short taper pipe threads	B1.20.3 (Appendix C)
S	ISO miniature screw threads .25 to 1.4mm, inclusive	. . .
SGT	Special gas taper threads	ANSI/CGA V-1 (B57.1)
SPL-PTF	Dryseal special taper pipe threads	B1.20.3 (Appendix C)
Stub Acme	Stub Acme threads	B1.8
UN	Unified inch screw thread, constant-pitch series	B1.1
UNC	Unified inch screw thread, coarse pitch series	B1.1
UNF	Unified inch screw thread, fine-pitch series	B1.1
UNEF	Unified inch screw thread, extra-fine pitch series	B1.1
UNJ	Unified inch screw thread, constant-pitch series, with rounded root of radius 0.15011P to 0.18042P (3)	
UNJC	Unified inch screw thread, coarse-pitch series, with rounded root of radius 0.15011P to 0.18042P (3)	
UNJF	Unified inch screw thread, fine-pitch series, with rounded root of radius 0.15011P to 0.18042P (3)	
UNJEF	Unified inch screw thread, extra-fine pitch series, with rounded root of radius 0.15011P to 0.18042P (3)	
UNJS	Unified inch screw thread, special diameter, pitch or length of engagement with rounded root radius of .15011P-.18042P	
UNR	Unified inch screw thread, constant-pitch series, with rounded root of radius not less than 0.108P	B1.1
UNRC	Unified inch screw thread, coarse-thread series, with rounded root of radius not less than 0.108P	B1.1
UNRF	Unified inch screw thread, fine-pitch series, with rounded root of radius not less than 0.108P	B1.1
UNREF	Unified inch screw thread, extra-fine pitch series, with rounded root of radius not less than 0.108P	B1.1
UNM	Unified miniature thread series	B1.10
UNS	Unified inch screw thread, special diameter pitch or length of engagement	B1.1
Notes:	(1) All threads, except NGO, are right hand, unless otherwise designated. For NGO threads, designations RH or LH are required.	
	(2) As published in SAE AS71505	
	(3) As published in Military Specification MIL-S8879, ISO 3161 and ASME B1.15.	