

MARYLAND METRICS

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TECHNICAL INFORMATION and DATA

Screws threads to other standards

Name	Identification	Designation/example	Standard	Origin
	UNM	0.80 UNM	ASA B 1.10-1985	USA
Unified threads	UN UNC UNF UNEF UNS	$\frac{1}{4}$ -20 UNC-2A or 0.250-20 UNC-2A	ANSI B 1.1 - 1982 B.S. 1580: Part 1 & 2 1962 CSA B 1.1 - 1949 ISO 263; 725; 5864	USA Great Britain Canada
	UNR UNRC UNRF UNREF UNRS	$\frac{7}{14}$ -20 UNRF-2A or 0.4375-20 UNRF-2A	ANSI B 1.1 - 1982	USA
	UNC UNF UNEF	6(0.138)-32 UNC-2A	B.S. 1580: Part 3: 1965	Great Britain
	UNJ UNJC UNJF UNJEF	0,250-28 UNJF-3A	B.S. 4084: 1978	Great Britain
	US thread (old)	NC NF NEF NS 8 N; 12 N; 16 N	12-32 NEF	ANSI B 1.1-1960 replaced by ANSI B 1.1-1982
Withworth threads	BSW BSF	$\frac{1}{4}$ in.-20 B.S.W.	B.S. 84: 1956	Great Britain
B.A. threads	B.A.	11 B.A.	B.S. 93: 1951	
Parallel pipe threads	NPSC NPMS NPSL	$\frac{1}{8}$ -27 NPSC NPSH	ANSI/ASME B 1.20.1-1983	USA
	Dryseal NPSF Dryseal NPSI	$\frac{1}{8}$ -27 NPSF	ANSI B 1.20.3-1976 (R 1982)	
	G ³⁾	G $1\frac{1}{4}$	B.S. 2779: 1973	Great Britain
	Rp ⁴⁾	Rp $\frac{1}{2}$	B.S. 21:1973	
Taper pipe threads	NPT NPTR	$\frac{3}{8}$ -18 NPT	ANSI/ASME B 1.20.1-1983	USA
	Dryseal NPTF Dryseal PTF- PTF-SAE SHORT	$\frac{1}{8}$ -27 NPTF-1	ANSI B 1.20.3-1976 (R 1982)	
	R ⁵⁾	R $\frac{1}{2}$	B.S. 21: 1985	Great Britain
	Rc	Rc $\frac{1}{2}$		
Trapezoidal thread	Acme	$\frac{3}{4}$ -4 ACME-2G	ANSI B 1.5-1977	USA
	Stub-Acme	0.500-20 STUB ACME	B.S. 1104: 1957	Great Britain
Buttress threads	Butt	2.5-8 BUTT-2A	ANSI B 1.9-1973 (R 1985)	USA
	Buttress	2,0 B.S. Buttress thread 8 tpi medium class	B.S. 1657: 1950	Great Britain
Threads for cycles	BSC	$\frac{1}{4}$ -26. BSC-Med.	B.S. 811: 1950	

¹⁾External thread with rounded root

²⁾For nominal diameter less than $\frac{1}{4}$ inch

³⁾Replaces old identification BSP.F.

⁴⁾Replaces old identification BSP.PI

⁵⁾Replaces old identification BSP.Tr.