

# 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	$1/4$ -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	$7/14$ -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	$1/4$ 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	$1/8$ -27 NPSC  NPSH	ANSI/ASME B 1.20.1-1983	USA
	Dryseal NPSF Dryseal NPSI	$1/8$ -27 NPSF	ANSI B 1.20.3-1976 (R 1982)	
	G <sup>3)</sup>	G $1 1/4$	B.S. 2779: 1973	Great Britain
	Rp <sup>4)</sup>	Rp $1/2$	B.S. 21:1973	
Taper pipe threads	NPT NPTR	$3/8$ -18 NPT	ANSI/ASME B 1.20.1-1983	USA
	Dryseal NPTF Dryseal PTF- SAE SHORT	$1/8$ -27 NPTF-1	ANSI B 1.20.3-1976 (R 1982)	
	R <sup>5)</sup>	R $1/2$	B.S. 21: 1985	Great Britain
	Rc	Rc $1/2$		
Trapezoidal thread	Acme	$1 3/4$ -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	$1/4$ -26. BSC-Med.	B.S. 811: 1950	

<sup>1)</sup>External thread with rounded root

<sup>2)</sup>For nominal diameter less than  $1/4$  inch

<sup>3)</sup>Replaces old identification BSP.F.

<sup>4)</sup>Replaces old identification BSP.PI

<sup>5)</sup>Replaces old identification BSP.Tr.