20080107

A Compilation of Thread Size Information

Key: BA = British association. CEI = Cycle Engineers Institute.
ADM = Admiralty. M = ISO Metric. Whit = Whitworth.
UNF/UNC² = Unified national Fine/Coarse. BSF = British Standard Fine.
W.INS = Whitworth Instrument. W.Pipe = Whitworth Pipe Thread
Brass = Brass thread. PROG = Progress Thread.
BSP = British Standard Pipe Thread. WALTH = Waltham Thread
PEND = Watch Pendant Thread. GAS = Gas (Brass Pipe) Thread
THURY = Swiss Screw Thread. ASME = ASME Thread.
HOLTZ= Holtzapfels Threads. LOEW = Loewenhertz Threads.
SPARK = Spark Plug Threads. Elgin = Elgin watch screw threads (L = left hand thread)
CROWN = Watch crown threads. BUTTON = Watch button threads
COND = Steel conduit thread (DIN 40430). DUNLOP = Tire valves.
EDISON = Lamp socket thread. V = Sharp V thread. S&H = Siemens & Halske

Size Designation	Thread Name	Dia/ Inch	Dia/ mm	Pitch/ TPI	Pitch/ mm	Core Dia/"	Core Dia/mm	Depth/ Inch	Depth/ mm	Thread Angle
10	W.INS	0.0100	0.254	400.0	0.064	0.0068	0.173	0.0016	0.041	55º
25	THURY	0.0100	0.254	353.8	0.072					47½º
11	W.INS	0.0110	0.279	400.0	0.064	0.0078	0.198	0.0016	0.041	55º
24	THURY	0.0114	0.289	318.3	0.080					47½º
12	W.INS	0.0120	0.305	350.0	0.073	0.0083	0.212	0.0018	0.046	55º
23	THURY	0.0129	0.328	286.7	0.089					47½º
23	BA	0.0130	0.330	282.2	0.090	0.0087	0.220	0.0022	0.055	47½º
13	W.INS	0.0130	0.330	350.0	0.073	0.0093	0.237	0.0018	0.046	55º
	Elgin	0.0132	0.330	360.0	0.071	0.0112	0.280			45º [1]
23	WALTH	0.0138	0.350	254.0	0.100	0.0107	0.270	0.0016	0.040	45º [1]
14	W.INS	0.0140	0.356	300.0	0.085	0.0097	0.247	0.0021	0.054	55º
22	BA	0.0146	0.370	259.2	0.098	0.0098	0.250	0.0024	0.060	47½º
22	THURY	0.0146	0.372	257.9	0.099					47½º
	Elgin	0.0148	0.370	320.0	0.079	0.0120	0.280	0.0014	0.036	45º [1]
15	W.INS	0.0150	0.381	300.0	0.085	0.0107	0.273	0.0021	0.054	55º
4	PROG	0.0157	0.400	254.0	0.100	0.0094	0.240	0.0031	0.080	50º
16	W.INS	0.0160	0.406	300.0	0.085	0.0117	0.298	0.0021	0.054	55º
21	BA	0.0165	0.420	230.9	0.110	0.0114	0.290	0.0026	0.065	47½º
21	THURY	0.0168	0.426	233.0	0.109					47½º
	Elgin	0.0168	0.420	260.0	0.098	0.0132	0.330	0.0018	0.046	45º [1]
17	W.INS	0.0170	0.432	250.0	0.102	0.0119	0.302	0.0026	0.065	55º
21	WALTH	0.0177	0.450	240.0	0.106	0.0134	0.340	0.0022	0.055	45º [1]
4 1/2	PROG	0.0177	0.450	254.0	0.100	0.0114	0.290	0.0031	0.080	50º
18	W.INS	0.0180	0.457	250.0	0.102	0.0129	0.327	0.0026	0.065	55º
20	THURY	0.0189	0.479	208.2	0.122					47½º
20	BA	0.0189	0.480	211.7	0.120	0.0134	0.340	0.0028	0.070	47½º
19	W.INS	0.0190	0.483	250.0	0.102	0.0139	0.353	0.0026	0.065	55º
5	PROG	0.0197	0.500	203.2	0.125	0.0118	0.300	0.0039	0.100	50º
20	W.INS	0.0200	0.508	210.0	0.121	0.0139	0.353	0.0030	0.077	55º
	Elgin	0.0208	0.520	220.0	0.115	0.0168	0.420	0.0020	0.051	45º [1]
19	BA	0.0213	0.540	181.4	0.140	0.0146	0.370	0.0033	0.085	47½º
19	THURY	0.0214	0.543	188.1	0.135					47½º
19	WALTH	0.0217	0.550	220.0	0.115	0.0177	0.450	0.0020	0.050	45º [1]
5 1/2	PROG	0.0217	0.550	203.2	0.125	0.0138	0.350	0.0039	0.100	50º
22	W.INS	0.0220	0.559	210.0	0.121	0.0159	0.404	0.0030	0.077	55º
	Elgin	0.0228	0.570	260.0	0.098	0.0188	0.470	0.0020	0.051	45º [1]
6	PROG	0.0236	0.600	169.3	0.150	0.0142	0.360	0.0047	0.120	50º
24	W.INS	0.0240	0.610	210.0	0.121	0.0179	0.455	0.0030	0.077	55º
18	THURY	0.0243	0.616	169.3	0.150					47½º
18	BA	0.0244	0.620	169.3	0.150	0.0173	0.440	0.0035	0.090	47½º
	Elgin	0.0248	0.620	220.0	0.115	0.0200	0.500	0.0024	0.061	45º [1]
17	WALTH	0.0256	0.650	200.0	0.127	0.0213	0.540	0.0022	0.055	45º [1]
6 1/2	PROG	0.0256	0.650	169.3	0.150	0.0161	0.410	0.0047	0.120	50º
26	W.INS	0.0260	0.660	180.0	0.141	0.0189	0.480	0.0036	0.090	55º
	Elgin	0.0268	0.670	180.0	0.141	0.0220	0.550	0.0024	0.061	45º [1]
17	THURY	0.0275	0.699	152.1	0.167					47½º
17	BA	0.0276	0.700	149.4	0.170	0.0197	0.500	0.0039	0.100	47½º
7	PROG	0.0276	0.700	145.1	0.175	0.0165	0.420	0.0055	0.140	50º
28	W.INS	0.0280	0.711	180.0	0.141	0.0209	0.531	0.0036	0.090	55º

Size Designation	Thread Name	Dia/ Inch	Dia/ mm	Pitch/ TPI	Pitch/ mm	Core Dia/"	Core Dia/mm	Depth/ Inch	Depth/ mm	Thread Angle
	Elgin	0.0288	0.720	220.0	0.115	0.0248	0.620	0.0020	0.051	45° ¹
7 1/2	PROG	0.0295	0.750	145.1	0.175	0.0185	0.470	0.0055	0.140	50°
30	W.INS	0.0300	0.762	180.0	0.141	0.0229	0.581	0.0036	0.090	55°
12 Swiss	BUTTON	0.0300	0.760	140.0	0.181					
	Elgin	0.0308	0.770	180.0	0.141	0.0248	0.620	0.0030	0.076	45° ¹
	Elgin	0.0308	0.770	220.0	0.115	0.0268	0.670	0.0020	0.051	45° ¹
16	BA	0.0311	0.790	133.7	0.190	0.0220	0.560	0.0045	0.115	47½°
16	THURY	0.0313	0.794	137.3	0.185					47½°
8	PROG	0.0315	0.800	127.0	0.200	0.0189	0.480	0.0063	0.160	50°
32	W.INS	0.0320	0.813	180.0	0.141	0.0249	0.632	0.0036	0.090	55°
15	WALTH	0.0327	0.830	180.0	0.141	0.0280	0.710	0.0024	0.060	45° ¹
11 Swiss	BUTTON	0.0330	0.840	140.0	0.181					
8 1/2	PROG	0.0335	0.850	127.0	0.200	0.0209	0.530	0.0063	0.160	50°
34	W.INS	0.0340	0.864	150.0	0.169	0.0255	0.647	0.0043	0.108	55°
10A Swiss	BUTTON	0.0340	0.860	110.0	0.231					
10 Swiss	BUTTON	0.0350	0.890	110.0	0.231					
15	BA	0.0354	0.900	121.0	0.210	0.0256	0.650	0.0049	0.125	47½°
9	PROG	0.0354	0.900	112.9	0.225	0.0213	0.540	0.0071	0.180	50°
15	THURY	0.0355	0.901	123.3	0.206					47½°
10 US	BUTTON	0.0360	0.900	113.0	0.225					
10B	BUTTON	0.0360	0.910	110.0	0.231					
36	W.INS	0.0360	0.914	150.0	0.169	0.0275	0.698	0.0043	0.108	55°
9	WALTH	0.0366	0.930	160.0	0.159	0.0280	0.710	0.0043	0.110	45° ¹
	Elgin	0.0368	0.920	140.0	0.181	0.0280	0.700	0.0044	0.112	45° ¹
	Elgin	0.0368	0.920	220.0	0.115	0.0268	0.670	0.0050	0.127	45° ¹
9 1/2	PROG	0.0374	0.950	112.9	0.225	0.0232	0.590	0.0071	0.180	50°
38	W.INS	0.0380	0.965	120.0	0.212	0.0273	0.694	0.0053	0.135	55°
9 Swiss	BUTTON	0.0390	0.990	110.0	0.231					
1	LOEW	0.0394	1.000	101.6	0.250	0.0246	0.625	0.0074	0.188	53° 8'
10	PROG	0.0394	1.000	101.6	0.250	0.0236	0.600	0.0079	0.200	50°
13	WALTH	0.0394	1.000	180.0	0.141	0.0335	0.850	0.0030	0.075	45° ¹
14	BA	0.0394	1.000	110.4	0.230	0.0283	0.720	0.0055	0.140	47½°
7	WALTH	0.0394	1.000	140.0	0.181	0.0335	0.850	0.0030	0.075	45° ¹
M1	Coarse	0.0394	1.000	101.6	0.250	0.0295	0.750	0.0049	0.125	60°
40	W.INS	0.0400	1.016	120.0	0.212	0.0293	0.745	0.0053	0.135	55°
	Elgin	0.0408	1.020	120L	0.212	0.0300	0.750	0.0054	0.137	45° ¹
	Elgin	0.0408	1.020	200.0	0.127	0.0348	0.870	0.0030	0.076	45° ¹
9 Elgin	BUTTON	0.0410	1.030	120.0	0.212					
	Elgin	0.0428	1.070	120.0	0.212	0.0328	0.820	0.0050	0.127	45° ¹
8	BUTTON	0.0430	1.090	100.0	0.254					
11	PROG	0.0433	1.100	92.4	0.275	0.0260	0.660	0.0087	0.220	50°
5	WALTH	0.0433	1.100	120.0	0.212	0.0374	0.950	0.0030	0.075	45° ¹
M1.1	Coarse	0.0433	1.100	101.6	0.250	0.0335	0.850	0.0049	0.125	60°
14	THURY	0.0434	1.102	110.9	0.229					47½°
	Elgin	0.0448	1.120	110.0	0.231	0.0340	0.850	0.0054	0.137	45° ¹
45	W.INS	0.0450	1.143	120.0	0.212	0.0343	0.872	0.0053	0.135	55°
13	THURY	0.0457	1.160	100.0	0.254					47½°
	Elgin	0.0468	1.170	110.0	0.231	0.0348	0.870	0.0060	0.152	45° ¹
3, 6, & 7	BUTTON	0.0470	1.190	110.0	0.231					
1.2	LOEW	0.0472	1.200	101.6	0.250	0.0325	0.825	0.0074	0.188	53° 8'
12	PROG	0.0472	1.200	84.7	0.300	0.0283	0.720	0.0094	0.240	50°
13	BA	0.0472	1.200	101.6	0.250	0.0354	0.900	0.0059	0.150	47½°
3	WALTH	0.0472	1.200	110.0	0.231	0.0402	1.020	0.0035	0.090	45° ¹
5/0 - 10/0	CROWN	0.0480	1.200	110.0	0.231	0.0380	0.950	0.0050	0.127	
M1.2	Coarse	0.0480	1.200	101.6	0.250	0.0374	0.950	0.0053	0.135	60°
36	S&H	0.0480	1.220	115.5	0.220					50°
	Elgin	0.0488	1.240	140.0	0.181	0.0400	1.000	0.0044	0.112	45° ¹
	Elgin	0.0488	1.240	200.0	0.127	0.0436	1.090	0.0026	0.066	45° ¹
50	W.INS	0.0500	1.270	100.0	0.254	0.0372	0.945	0.0064	0.163	55°
	Elgin	0.0508	1.270	110L	0.231	0.0388	0.970	0.0060	0.152	45° ¹
4	BUTTON	0.0510	1.290	84.0	0.302					
12	BA	0.0510	1.300	90.9	0.282	0.0375	0.953	0.0066	0.168	47½°
13	PROG	0.0512	1.300	78.2	0.325	0.0307	0.780	0.0102	0.260	50°
12	THURY	0.0520	1.320	90.1	0.282					47½°
11	WALTH	0.0528	1.340	170.0	0.149	0.0480	1.220	0.0024	0.060	45° ¹
5	BUTTON	0.0540	1.360	84.0	0.302					
	Elgin	0.0548	1.370	180.0	0.141	0.0488	1.220			45° ¹
55	W.INS	0.0550	1.397	100.0	0.254	0.0422	1.072	0.0064	0.163	55°
1.4	LOEW	0.0551	1.400	84.7	0.300	0.0374	0.950	0.0089	0.225	53° 8'
14	PROG	0.0551	1.400	72.6	0.350	0.0331	0.840	0.0110	0.280	50°

Size Designation	Thread Name	Dia/ Inch	Dia/ mm	Pitch/ TPI	Pitch/ mm	Core Dia/"	Core Dia/mm	Depth/ Inch	Depth/ mm	Thread Angle
M1.4	Coarse	0.0551	1.400	84.7	0.300	0.0433	1.100	0.0059	0.150	60º
2 (pin lever)	BUTTON	0.0580	1.470	84.0	0.302					
11	THURY	0.0587	1.490	80.9	0.314					47½º
11	BA	0.0590	1.500	82.0	0.314	0.0445	1.130	0.0073	0.185	47½º
1	WALTH	0.0591	1.500	110.0	0.231	0.0520	1.320	0.0035	0.090	45º [1]
15	PROG	0.0591	1.500	67.7	0.375	0.0354	0.900	0.0118	0.300	50º
0-80	ASME	0.0600	1.524	80.0	0.318	0.0438	1.113	0.0081	0.206	60º
2 (pocket)	BUTTON	0.0600	1.550	80.0	0.318					
60	W.INS	0.0600	1.524	100.0	0.254	0.0472	1.199	0.0064	0.163	55º
	Elgin	0.0608	1.520	110.0	0.231	0.0488	1.220	0.0060	0.152	45º [1]
	Elgin	0.0608	1.520	110L	0.231	0.0488	1.220	0.0060	0.152	45º [1]
12 - 6 - 0	CROWN	0.0610	1.530	80.0	0.318	0.0480	1.200	0.0065	0.165	
16	PROG	0.0630	1.600	55.6	0.457	0.0342	0.869	0.0144	0.366	50º
M1.6	Coarse	0.0630	1.600	72.6	0.350	0.0492	1.250	0.0069	0.175	60º
34	S&H	0.0640	1.630	84.7	0.300					55º
10	THURY	0.0646	1.640	72.8	0.349					47½º
65	W.INS	0.0650	1.651	80.0	0.318	0.0490	1.245	0.0080	0.203	55º
1.7	LOEW	0.0669	1.700	72.6	0.350	0.0463	1.175	0.0103	0.263	53º 8'
17	PROG	0.0669	1.700	52.3	0.486	0.0363	0.922	0.0153	0.389	50º
10	BA	0.0670	1.700	72.5	0.349	0.0503	1.278	0.0083	0.211	47½º
70	W.INS	0.0700	1.778	80.0	0.318	0.0540	1.372	0.0080	0.203	55º
33	S&H	0.0700	1.778	74.7	0.340					59º
	Elgin	0.0708	1.770	180L	0.141	0.0648	1.620	0.0030	0.076	45º [1]
18	PROG	0.0709	1.800	49.4	0.514	0.0385	0.978	0.0162	0.411	50º
M1.8	Coarse	0.0709	1.800	72.6	0.350	0.0571	1.450	0.0069	0.175	60º
1 - 56	ASME	0.0730	1.854	56.0	0.454	0.0498	1.265	0.0116	0.295	60º
1 - 64	ASME	0.0730	1.854	64.0	0.397	0.0527	1.339	0.0102	0.258	60º
1 - 72	ASME	0.0730	1.854	72.0	0.353	0.0550	1.397	0.0090	0.229	60º
1	BUTTON	0.0740	1.880	72.0	0.353					
19	PROG	0.0748	1.900	46.8	0.543	0.0406	1.031	0.0171	0.434	50º
75	W.INS	0.0750	1.905	80.0	0.318	0.0590	1.499	0.0080	0.203	55º
9	BA	0.0750	1.900	64.9	0.387	0.0564	1.433	0.0092	0.234	47½º
9	THURY	0.0756	1.920	65.6	0.387					47½º
	Elgin	0.0768	1.920	110L	0.231	0.0708	1.770	0.0030	0.076	45º [1]
16	CROWN	0.0770	1.930	72.0	0.353	0.0630	1.580	0.0070	0.178	
	Elgin	0.0772	1.930	80L	0.318	0.0612	1.530	0.0080	0.203	45º [1]
2	LOEW	0.0787	2.000	63.5	0.400	0.0551	1.400	0.0118	0.300	53º 8'
20	PROG	0.0787	2.000	44.5	0.571	0.0428	1.086	0.0180	0.457	50º
M2	Coarse	0.0787	2.000	63.5	0.400	0.0630	1.600	0.0079	0.199	60º
80	W.INS	0.0800	2.032	60.0	0.423	0.0587	1.490	0.0107	0.271	55º
31	S&H	0.0850	2.159	51.8	0.490					68º
85	W.INS	0.0850	2.159	60.0	0.423	0.0637	1.617	0.0107	0.271	
8	THURY	0.0858	2.180	59.1	0.430					47½º
2 - 56	ASME	0.0860	2.184	56.0	0.454	0.0628	1.595	0.0116	0.295	60º
2 - 64	ASME	0.0860	2.184	64.0	0.397	0.0657	1.669	0.0101	0.258	60º
8	BA	0.0870	2.200	59.2	0.430	0.0664	1.687	0.0100	0.257	47½º
M2.2	Coarse	0.0870	2.200	56.4	0.450	0.0689	1.750	0.0091	0.230	
0	BUTTON	0.8900	2.260	60.0	0.423					
	Elgin	0.0892	2.230	80L	0.318	0.0712	1.780	0.0090	0.229	45º [1]
90	W.INS	0.0900	2.286	60.0	0.423	0.0687	1.744	0.0107	0.271	55º
95	W.INS	0.0900	2.286	50.0	0.508	0.0644	1.636	0.0128	0.325	
2.3	LOEW	0.0906	2.300	63.5	0.400	0.0669	1.700	0.0118	0.300	53º 8'
18.0	CROWN	0.0910	2.280	60.0	0.423	0.0710	1.780	0.0100	0.254	
7	THURY	0.0976	2.480	53.1	0.478					47½º
7	BA	0.0980	2.500	52.9	0.478	0.0758	1.925	0.0110	0.287	47½º
M2.5	Coarse	0.0980	2.500	56.4	0.450	0.0807	2.050	0.0086	0.220	60º
3 - 48	ASME	0.0990	2.515	48.0	0.529	0.0719	1.827	0.0135	0.344	60º
3 - 56	ASME	0.0990	2.515	56.0	0.454	0.0758	1.925	0.0116	0.295	60º
100	W.INS	0.1000	2.540	50.0	0.508	0.0744	1.890	0.0128	0.325	55º
U	HOLTZ	0.1000	2.540	55.0	0.462					
10/0	PEND	0.1016	2.580	90.0	0.282	0.0846	2.150	0.0085	0.215	
2.6	LOEW	0.1024	2.600	56.4	0.450	0.0758	1.925	0.0133	0.338	53º 8'
29.0	S&H	0.1100	2.800	47.9						66º
6	BA	0.1100	2.800	47.9	0.531	0.0850	2.164	0.0130	0.318	47½º
6	THURY	0.1106	2.810	47.8	0.531					47½º
4 - 32	ASME	0.1120	2.845	32.0	0.794	0.0714	1.814	0.0203	0.516	60º
4 - 36	ASME	0.1120	2.845	36.0	0.706	0.0759	1.928	0.0180	0.458	60º
4 - 40	ASME	0.1120	2.845	40.0	0.635	0.0795	2.020	0.0162	0.412	60º
4 - 40	UNC	0.1120	2.845	40.0	0.635	0.0810	2.065	0.0150	0.390	60º
4 - 48	ASME	0.1120	2.845	48.0	0.529	0.0849	2.157	0.0135	0.344	60º

Size Designation	Thread Name	Dia/ Inch	Dia/ mm	Pitch/ TPI	Pitch/ mm	Core Dia/"	Core Dia/mm	Depth/ Inch	Depth/ mm	Thread Angle
M3	Coarse	0.1180	3.000	50.8	0.500	0.0940	2.387	0.0120	0.307	60º
3	LOEW	0.1181	3.000	50.8	0.500	0.0886	2.250	0.0148	0.375	53º 8'
T	HOLTZ	0.1200	3.048	55.0	0.462					
1/8	BRASS	0.1250	3.175	26.0	0.977	0.0758	1.925	0.0246	0.625	
1/8	CEI	0.1250	3.175	40.0	0.635	0.0984	2.499	0.0133	0.338	60º
1/8	WHIT	0.1250	3.175	40.0	0.635	0.0930	2.362	0.0160	0.406	55º
5 - 36	ASME	0.1250	3.175	36.0	0.706	0.0889	2.258	0.0180	0.458	60º
5 - 40	ASME	0.1250	3.175	40.0	0.635	0.0925	2.350	0.0162	0.412	60º
5 - 44	ASME	0.1250	3.175	44.0	0.577	0.0955	2.425	0.0148	0.375	60º
5	THURY	0.1256	3.190	43.1	0.590					47½º
5/0	PEND	0.1260	3.200	80.0	0.318	0.1122	2.850	0.0069	0.175	55º
5	BA	0.1260	3.200	43.1	0.590	0.0980	2.489	0.0140	0.353	47½º
27	S&H	0.1330	3.370	38.5	0.660					68º
3.5	LOEW	0.1378	3.500	42.3	0.600	0.1024	2.600	0.0177	0.450	53º 8'
6 - 32	ASME	0.1380	3.505	32.0	0.794	0.0974	2.474	0.0203	0.516	60º
6 - 32	UNC	0.1380	3.500	32.0	0.794	0.1000	2.532	0.0190	0.487	60º
6 - 36	ASME	0.1380	3.505	36.0	0.706	0.1019	2.589	0.0180	0.458	60º
6 - 40	ASME	0.1380	3.505	40.0	0.635	0.1055	2.680	0.0162	0.412	60º
M3.5	Coarse	0.1380	3.500	42.3	0.600	0.1090	2.764	0.0140	0.368	60º
4	BA	0.1420	3.600	38.5	0.656	0.1110	2.807	0.0160	0.396	47½º
4	THURY	0.1425	3.620	38.7	0.656					47½º
0.148	GAS	0.1480	3.759	32.0	0.794					
R	HOLTZ	0.1500	3.810	55.0	0.462					
7 - 30	ASME	0.1510	3.835	30.0	0.847	0.1077	2.736	0.0217	0.550	60º
7 - 32	ASME	0.1510	3.835	32.0	0.794	0.1104	2.804	0.0203	0.516	60º
7 - 36	ASME	0.1510	3.835	36.0	0.706	0.1149	2.919	0.0180	0.458	60º
0	PEND	0.1535	3.900	66.0	0.385	0.1358	3.450	0.0089	0.225	55º
5/32	CEI	0.1563	3.970	32.0	0.794	0.1231	3.127	0.0166	0.422	60º
25	S&H	0.1570	4.000	38.5	0.660					61º
M4	Coarse	0.1570	4.000	36.3	0.700	0.1240	3.141	0.0190	0.492	60º
4	LOEW	0.1575	4.000	36.3	0.700	0.1161	2.950	0.0207	0.525	
3	BA	0.1610	4.100	34.8	0.729	0.1270	3.226	0.0170	0.437	47½º
3	THURY	0.1618	4.110	34.8	0.729					47½º
Q	HOLTZ	0.1620	4.115	39.9	0.637					
8 - 30	ASME	0.1640	4.166	30.0	0.847	0.1207	3.066	0.0217	0.550	60º
8 - 32	ASME	0.1640	4.166	32.0	0.794	0.1234	3.134	0.0203	0.516	60º
8 - 32	UNC	0.1640	4.166	32.0	0.794	0.1260	3.200	0.0190	0.487	60º
8 - 36	ASME	0.1640	4.166	36.0	0.706	0.1279	3.249	0.0180	0.458	60º
8 - 40	ASME	0.1640	4.166	40.0	0.635	0.1315	3.341	0.0162	0.412	60º
12 - 6	PEND	0.1732	4.400	66.0	0.385	0.1555	3.950	0.0089	0.225	55º
9 - 24	ASME	0.1770	4.496	24.0	1.058	0.1229	3.121	0.0271	0.687	60º
9 - 30	ASME	0.1770	4.496	30.0	0.847	0.1337	3.396	0.0217	0.550	60º
9 - 32	ASME	0.1770	4.496	32.0	0.794	0.1364	3.465	0.0203	0.516	60º
M4.5	Coarse	0.1770	4.500	33.9	0.750	0.1410	3.580	0.0180	0.460	60º
4.5	LOEW	0.1772	4.500	33.9	0.750	0.1329	3.375	0.0221	0.563	53º 8'
0	HOLTZ	0.1800	4.572	36.1	0.704					
2	THURY	0.1835	4.660	31.4	0.810					47½º
2	BA	0.1850	4.700	31.4	0.810	0.1470	3.729	0.0190	0.485	47½º
S	HOLTZ	0.1850	4.699	55.0	0.462					
3/16	CEI	0.1875	4.763	32.0	0.794	0.1543	3.919	0.0166	0.422	60º
3/16	BSF	0.1875	4.763	32.0	0.794	0.1480	3.747	0.0200	0.508	55º
3/16	WHIT	0.1875	4.763	24.0	1.058	0.1340	3.406	0.0270	0.678	55º
10 - 24	ASME	0.190	4.83	24.0	1.058	0.1359	3.451	0.0271	0.687	60º
10 - 24	UNC	0.190	4.83	24.0	1.058	0.1390	3.528	0.0260	0.649	60º
10 - 28	ASME	0.190	4.83	28.0	0.907	0.1436	3.648	0.0232	0.589	60º
10 - 30	ASME	0.190	4.83	30.0	0.847	0.1467	3.726	0.0217	0.550	60º
10 - 32	ASME	0.190	4.83	32.0	0.794	0.1494	3.795	0.0203	0.516	60º
10 - 32	UNF	0.190	4.83	32.0	0.794	0.1520	3.853	0.0190	0.487	60º
P	HOLTZ	0.190	4.83	39.9	0.637					
0.196	GAS	0.196	4.98	32.0	0.794					
16	PEND	0.197	5.00	60.0	0.423	0.1772	4.500	0.0098	0.250	55º
5	LOEW	0.197	5.00	31.8	0.800	0.1496	3.800	0.0236	0.600	53º 8'
M5	Coarse	0.197	5.00	31.8	0.800	0.1580	4.018	0.0190	0.491	60º
N	HOLTZ	0.200	5.08	36.1	0.704					
21	S&H	0.202	5.12	32.6	0.780					58º
Vg 5	DUNLOP	0.205	5.20	36.0	0.706					60º
Vg 5.2	DUNLOP	0.208	5.28	24.0	1.058					60º
1	THURY	0.208	5.29	28.2	0.900					47½º
1	BA	0.209	5.30	28.2	0.900	0.1660	4.224	0.0210	0.538	47½º
E5	EDISON	0.210	5.33	28.0	0.907	0.1880	4.770			*ROUND*

Size Designation	Thread Name	Dia/ Inch	Dia/ mm	Pitch/ TPI	Pitch/ mm	Core Dia/"	Core Dia/mm	Depth/ Inch	Depth/ mm	Thread Angle
L	HOLTZ	0.210	5.33	28.9	0.879					
12 - 24	ASME	0.216	5.49	24.0	1.058	0.1619	4.112	0.0271	0.687	60º
12 - 28	ASME	0.216	5.49	28.0	0.907	0.1696	4.308	0.0232	0.589	60º
12 - 32	ASME	0.216	5.49	32.0	0.794	0.1754	4.455	0.0203	0.516	60º
5.5	LOEW	0.217	5.50	28.2	0.900	0.1634	4.150	0.0266	0.675	53º 8'
7/32	CEI	0.219	5.56	26.0	0.977	0.1778	4.516	0.0205	0.521	60º
7/32	BSF	0.219	5.56	28.0	0.907	0.1730	4.394	0.0230	0.582	55º
18	S&H	0.226	5.75	32.6	0.780					58º
18	PEND	0.232	5.90	50.0	0.508	0.2079	5.280	0.0122	0.310	55º
0	BA	0.236	6.00	25.4	1.000	0.1890	4.800	0.0240	0.600	47½º
M6	Coarse	0.236	6.00	25.4	1.000	0.1880	4.773	0.0240	0.613	
0	THURY	0.236	6.00	25.4	1.000					47½º
6	LOEW	0.236	6.00	25.4	1.000	0.1772	4.500	0.0295	0.750	53º 8'
17	S&H	0.236	6.00	28.5	0.890					55º
M	HOLTZ	0.240	6.10	36.1	0.704					
14 - 20	ASME	0.242	6.15	20.0	1.270	0.1770	4.497	0.0325	0.825	60º
14 - 24	ASME	0.242	6.15	24.0	1.058	0.1879	4.772	0.0271	0.687	60º
No.4	GAS	0.246	6.25	27.0	0.941					
1/4	BRASS	0.250	6.35	26.0	0.977	0.2008	5.100	0.0246	0.625	
1/4	BSF	0.250	6.35	26.0	0.977	0.2010	5.100	0.0250	0.625	55º
1/4	CEI	0.250	6.35	26.0	0.977	0.2090	5.309	0.0205	0.521	60º
1/4	V	0.250	6.35	20.0	1.270	0.1630	4.150	0.0430	1.100	60º
1/4	UNC	0.250	6.35	20.0	1.270	0.1890	4.793	0.0310	0.779	60º
1/4	UNF	0.250	6.35	28.0	0.907	0.2060	5.237	0.0220	0.557	60º
1/4	WHIT	0.250	6.35	20.0	1.270	0.1860	4.724	0.0320	0.813	55º
1/4	SPARK	0.250	6.35	24.0	1.058	0.1959	4.975	0.0271	0.687	60º
K	HOLTZ	0.250	6.35	25.7	0.990					
1/4	GAS	0.260	6.60	27.0	0.941					
16-18	ASME	0.268	6.81	18.0	1.411	0.1958	4.974	0.0361	0.917	60º
16-20	ASME	0.268	6.81	20.0	1.270	0.2030	5.157	0.0325	0.825	60º
16-22	ASME	0.268	6.81	22.0	1.155	0.2090	5.307	0.0295	0.750	60º
-1	THURY	0.268	6.81	23.1	1.100					47½º
7	LOEW	0.276	7.00	23.1	1.100	0.2106	5.350	0.0325	0.825	53º 8'
M7	Coarse	0.276	7.00	25.4	1.000	0.2270	5.773	0.0240	0.613	60º
9/32	CEI	0.281	7.15	26.0	0.977	0.2403	6.104	0.0205	0.521	60º
14	S&H	0.283	7.20	24.2	1.050					58º
J	HOLTZ	0.290	7.37	25.7	0.990					
18-18	ASME	0.294	7.47	18.0	1.411	0.2218	5.635	0.0361	0.917	60º
18-20	ASME	0.294	7.47	20.0	1.270	0.2290	5.818	0.0325	0.825	60º
-2	THURY	0.304	7.73	20.7	1.230					47½º
Vg 8	DUNLOP	0.305	7.75	32.0	0.794					60º
5/16	CEI	0.313	7.94	26.0	0.977	0.2715	6.896	0.0205	0.521	60º
5/16	BSF	0.313	7.94	22.0	1.155	0.2540	6.459	0.0290	0.739	55º
5/16	V	0.313	7.94	18.0	1.410	0.2160	5.500	0.0480	1.220	60º
5/16	UNC	0.313	7.94	18.0	1.411	0.2440	6.205	0.0340	0.866	60º
5/16	UNF	0.313	7.94	24.0	1.058	0.2610	6.640	0.0260	0.649	60º
5/16	WHIT	0.313	7.94	18.0	1.411	0.2410	6.132	0.0360	0.904	55º
8	LOEW	0.315	8.00	21.2	1.200	0.2441	6.200	0.0354	0.900	53º 8'
M8	Coarse	0.315	8.00	20.3	1.250	0.2550	6.466	0.0300	0.767	60º
M8	Fine	0.315	8.00	25.4	1.000	0.2670	6.773	0.0240	0.613	60º
20-16	ASME	0.320	8.13	16.0	1.588	0.2388	6.066	0.0406	1.031	60º
20-18	ASME	0.320	8.13	18.0	1.411	0.2478	6.295	0.0361	0.917	60º
20-20	ASME	0.320	8.13	20.0	1.270	0.2550	6.478	0.0325	0.825	60º
I	HOLTZ	0.330	8.38	25.7	0.990					
5/16	GAS	0.342	8.69	27.0	0.941					
-3	THURY	0.345	8.77	18.5	1.370					47½º
22-16	ASME	0.346	8.79	16.0	1.588	0.2648	6.726	0.0406	1.031	60º
22-18	ASME	0.346	8.79	18.0	1.411	0.2738	6.955	0.0361	0.917	60º
11	S&H	0.352	8.95	21.0	1.210					50º
9	LOEW	0.354	9.00	19.5	1.300	0.2776	7.050	0.0384	0.975	53º 8'
H	HOLTZ	0.360	9.14	19.9	1.277					
24-16	ASME	0.372	9.45	16.0	1.588	0.2908	7.387	0.0406	1.031	60º
24-18	ASME	0.372	9.45	18.0	1.411	0.2998	7.616	0.0361	0.917	60º
3/8	ADM	0.375	9.53	24.0	1.058	0.3216	8.170	0.0267	0.678	
3/8	BRASS	0.375	9.53	26.0	0.977	0.3258	8.275	0.0246	0.625	
3/8	BSF	0.375	9.53	20.0	1.270	0.3110	7.899	0.0320	0.813	55º
3/8	CEI	0.375	9.53	26.0	0.977	0.3340	8.484	0.0205	0.521	60º
3/8	V	0.375	9.53	16.0	1.588	0.2670	6.770	0.0540	1.380	60º
3/8	UNC	0.375	9.53	16.0	1.588	0.2980	7.577	0.0380	0.974	60º
3/8	UNF	0.375	9.53	24.0	1.058	0.3240	8.227	0.0260	0.649	60º

Size Designation	Thread Name	Dia/ Inch	Dia/ mm	Pitch/ TPI	Pitch/ mm	Core Dia/"	Core Dia/mm	Depth/ Inch	Depth/ mm	Thread Angle
3/8	WHIT	0.375	9.53	16.0	1.588	0.2950	7.493	0.0400	1.016	55º
3/8	SPARK	0.375	9.53	24.0	1.058	0.3209	8.150	0.0271	0.687	60º
E10	EDISON	0.375	9.53	14.0	1.814	0.3350	8.510			*ROUND*
1/8	BSP	0.383	9.73	28.0	0.907	0.3370	8.560	0.0230	0.582	55º
3/8	GAS	0.390	9.91	27.0	0.941					
-4	THURY	0.392	9.95	16.7	1.520					47½º
10	LOEW	0.394	10.00	18.1	1.400	0.3110	7.900	0.0413	1.050	53º 8'
M10	Coarse	0.394	10.00	16.9	1.500	0.3210	8.160	0.0360	0.920	60º
M10	Fine	0.394	10.00	20.3	1.250	0.3330	8.467	0.0300	0.767	60º
26-14	ASME	0.398	10.11	14.0	1.814	0.3052	7.752	0.0464	1.178	60º
26-16	ASME	0.398	10.11	16.0	1.588	0.3168	8.047	0.0406	1.031	60º
1/8	WPIPE	0.406	10.32	28.0	0.907	0.3603	9.150	0.0230	0.584	55º
G	HOLTZ	0.410	10.41	19.9	1.277					
28-14	ASME	0.424	10.77	14.0	1.814	0.3312	8.413	0.0464	1.178	60º
28-16	ASME	0.424	10.77	16.0	1.588	0.3428	8.707	0.0406	1.031	60º
7/16	ADM	0.438	11.11	24.0	1.058	0.3841	9.757	0.0267	0.678	
7/16	BSF	0.438	11.11	18.0	1.411	0.3663	9.304	0.0356	0.904	55º
7/16	CEI	0.438	11.11	26.0	0.977	0.3965	10.071	0.0205	0.521	60º
7/16	CEI20	0.438	11.11	20.0	1.270	0.3843	9.761	0.0266	0.676	60º
7/16	V	0.438	11.11	14.0	1.814	0.3140	7.980	0.0620	1.570	60º
7/16	UNC	0.438	11.11	14.0	1.814	0.3499	8.887	0.0438	1.113	60º
7/16	UNF	0.438	11.11	20.0	1.270	0.3762	9.555	0.3067	7.790	60º
7/16	WHIT	0.438	11.11	14.0	1.814	0.3460	8.788	0.0457	1.161	55º
-5	THURY	0.445	11.30	15.0	1.690					47½º
30-14	ASME	0.450	11.43	14.0	1.814	0.3572	9.073	0.0464	1.178	60º
30-16	ASME	0.450	11.43	16.0	1.588	0.3688	9.368	0.0406	1.031	60º
F	HOLTZ	0.450	11.43	16.5	1.539					
7/16	GAS	0.459	11.66	27.0	0.941					
E!2 (USA)	EDISON	0.465	11.81	10.0	2.540	0.4150	10.541			*ROUND*
M12	Coarse	0.472	12.00	14.5	1.750	0.3879	9.853	0.0423	1.074	60º
M12	Fine	0.472	12.00	16.9	1.500	0.3893	9.890	0.0360	0.920	60º
12	LOEW	0.472	12.00	15.9	1.600	0.3780	9.600	0.0472	1.200	53º 8'
12MM	SPARK	0.472	12.00	20.3	1.250	0.4121	10.467	0.0302	0.767	60º
Pg7	COND	0.492	12.50	20.0	1.270	0.4441	11.280	0.0240	0.610	80º
1/2	ADM	0.500	12.70	20.0	1.270	0.4360	11.074	0.0320	0.813	
1/2	BRASS	0.500	12.70	26.0	0.977	0.4508	11.450	0.0246	0.625	
1/2	BSF	0.500	12.70	16.0	1.588	0.4200	10.668	0.0400	1.016	55º
1/2	CEI	0.500	12.70	26.0	0.977	0.4590	11.659	0.0205	0.521	60º
1/2	CEI20	0.500	12.70	20.0	1.270	0.4468	11.349	0.0266	0.676	60º
1/2	V	0.500	12.70	12.0	2.117	0.3550	9.030	0.0720	1.840	60º
1/2	UNC	0.500	12.70	12.0	2.117	0.3992	10.140	0.0511	1.298	60º
1/2	USS²	0.500	12.70	13.0	1.954	0.4069	10.330	0.0438	1.113	60º
1/2	UNF	0.500	12.70	20.0	1.270	0.4387	11.143	0.0500	1.270	60º
1/2	WHIT	0.500	12.70	12.0	2.117	0.3933	9.990	0.0534	1.356	55º
E	HOLTZ	0.500	12.70	13.1	1.940					
-6	THURY	0.504	12.80	13.5	1.880					47½º
1/2	GAS	0.515	13.08	27.0	0.941					
1/4	BSP	0.518	13.16	19.0	1.337	0.4510	11.455	0.0335	0.851	55º
1/4	WPIPE	0.531	13.49	19.0	1.337	0.4643	11.792	0.0335	0.851	55º
E14 (Euro)	EDISON	0.547	13.89	9.0	2.820	0.4840	12.290			*ROUND*
M14	Coarse	0.551	14.00	12.7	2.000	0.4546	11.546	0.0483	1.227	60º
14	LOEW	0.551	14.00	14.1	1.800	0.4449	11.300	0.0531	1.350	53º 8'
14MM	SPARK	0.551	14.00	20.3	1.250	0.4908	12.466	0.0302	0.767	60º
9/16	ADM	0.556	14.11	20.0	1.270	0.4915	12.485	0.0320	0.813	
D	HOLTZ	0.560	14.22	13.1	1.940					
9/16	BSF	0.563	14.29	16.0	1.588	0.4825	12.256	0.0400	1.016	55º
9/16	CEI	0.563	14.29	26.0	0.977	0.5215	13.246	0.0205	0.521	60º
9/16	CEI20	0.563	14.29	20.0	1.270	0.5093	12.936	0.0266	0.676	60º
9/16	V	0.563	14.29	12.0	2.117	0.4180	10.620	0.0720	1.840	60º
9/16	UNC	0.563	14.29	12.0	2.117	0.4603	11.692	0.0511	1.298	60º
9/16	UNF	0.563	14.29	18.0	1.411	0.4943	12.555	0.0341	0.866	60º
9/16	WHIT	0.563	14.29	12.0	2.117	0.4558	11.577	0.0534	1.356	55º
-7	THURY	0.571	14.50	12.2	2.090					47½º
9/16	GAS	0.578	14.68	27.0	0.941					
Pg9	COND	0.598	15.20	18.0	1.411	0.5457	13.860	0.0264	0.670	80º
5/8	ADM	0.625	15.88	20.0	1.270	0.5610	14.249	0.0320	0.813	
5/8	BRASS	0.625	15.88	26.0	0.977	0.5758	14.625	0.0246	0.625	
5/8	BSF	0.625	15.88	14.0	1.814	0.5336	13.553	0.0457	1.161	55º
5/8	CEI	0.625	15.88	26.0	0.977	0.5840	14.834	0.0205	0.521	60º
5/8	CEI20	0.625	15.88	20.0	1.270	0.5718	14.524	0.0266	0.676	60º

Size Designation	Thread Name	Dia/ Inch	Dia/ mm	Pitch/ TPI	Pitch/ mm	Core Dia/"	Core Dia/mm	Depth/ Inch	Depth/ mm	Thread Angle
5/8	V	0.625	15.88	11.0	2.309	0.4670	11.870	0.0790	2.000	60º
5/8	UNC	0.625	15.88	11.0	2.309	0.5135	13.043	0.0558	1.417	60º
5/8	UNF	0.625	15.88	18.0	1.411	0.5568	14.143	0.0341	0.866	60º
5/8	WHIT	0.625	15.88	11.0	2.309	0.5086	12.918	0.0582	1.478	55º
DD	HOLTZ	0.625	15.88	13.1	1.940					
M16	Coarse	0.630	16.00	12.7	2.000	0.5333	13.546	0.0483	1.227	60º
M16	Fine	0.630	16.00	16.9	1.500	0.5575	14.160	0.0362	0.920	60º
16	LOEW	0.630	16.00	12.7	2.000	0.5118	13.000	0.0591	1.500	53º 8'
5/8	GAS	0.637	16.18	27.0	0.941					
-8	THURY	0.650	16.50	10.9	2.320					47½º
E17	EDISON	0.651	16.54	9.0	2.820	0.5970	16.163			*ROUND*
3/8	BSP	0.656	16.66	19.0	1.337	0.5890	14.961	0.0335	0.851	55º
11/16	V	0.688	17.46	11.0	2.309	0.5300	13.460	0.0790	2.000	60º
11/16	ADM	0.688	17.46	20.0	1.270	0.6235	15.836	0.0320	0.813	
11/16	CEI	0.688	17.46	26.0	0.977	0.6465	16.421	0.0205	0.521	60º
11/16	CEI20	0.688	17.46	20.0	1.270	0.6343	16.111	0.0266	0.676	60º
3/8	WPIPE	0.688	17.46	19.0	1.337	0.6205	15.761	0.0335	0.851	55º
M18	Coarse	0.709	18.00	10.2	2.500	0.5879	14.933	0.0604	1.534	60º
18	LOEW	0.709	18.00	11.5	2.200	0.5787	14.700	0.0650	1.650	53º 8'
18MM	SPARK	0.709	18.00	16.9	1.500	0.6362	16.160	0.0362	0.920	60º
Pg11	COND	0.732	18.60	18.0	1.411	0.6795	17.260	0.0264	0.670	80º
-9	THURY	0.736	18.70	9.8	2.580					47½º
3/4	ADM	0.750	19.05	14.0	1.814	0.6585	16.727	0.0457	1.162	
3/4	BRASS	0.750	19.05	26.0	0.977	0.7008	17.800	0.0246	0.625	
3/4	BSF	0.750	19.05	12.0	2.117	0.6432	16.337	0.0534	1.356	55º
3/4	CEI	0.750	19.05	26.0	0.977	0.7090	18.009	0.0205	0.521	60º
3/4	CEI20	0.750	19.05	20.0	1.270	0.6968	17.699	0.0266	0.676	60º
3/4	V	0.750	19.05	10.0	2.540	0.5770	14.650	0.0870	2.200	60º
3/4	UNC	0.750	19.05	10.0	2.540	0.6273	15.933	0.0613	1.558	60º
3/4	UNF	0.750	19.05	16.0	1.588	0.6733	17.102	0.0625	1.588	60º
3/4	WHIT	0.750	19.05	10.0	2.540	0.6219	15.796	0.0640	1.626	55º
C	HOLTZ	0.750	19.05	9.5	2.688					
3/4	GAS	0.770	19.56	27.0	0.941					
M20	Coarse	0.787	20.00	10.2	2.500	0.6666	16.933	0.0604	1.534	60º
M20	Fine	0.787	20.00	16.9	1.500	0.7150	18.160	0.0362	0.920	60º
Pg13.5	COND	0.803	20.40	18.0	1.411	0.7504	19.060	0.0264	0.670	80º
13/16	V	0.813	20.64	10.0	2.540	0.6390	16.240	0.0870	2.200	60º
13/16	ADM	0.813	20.64	14.0	1.814	0.7210	18.314	0.0457	1.162	
1/2	BSP	0.825	20.96	14.0	1.814	0.7340	18.644	0.0457	1.161	55º
-10	THURY	0.835	21.20	8.9	2.870					47½º
1/2	WPIPE	0.844	21.43	14.0	1.814	0.7548	19.171	0.0445	1.130	55º
M22	Coarse	0.866	22.00	10.2	2.500	0.7454	18.933	0.0604	1.534	60º
7/8	ADM	0.875	22.23	14.0	1.814	0.7835	19.902	0.0457	1.162	
7/8	BRASS	0.875	22.23	26.0	0.977	0.8258	20.975	0.0246	0.625	
7/8	BSF	0.875	22.23	11.0	2.309	0.7586	19.268	0.0582	1.478	55º
7/8	V	0.875	22.23	9.0	2.822	0.6830	17.340	0.0960	2.442	60º
7/8	UNC	0.875	22.23	9.0	2.822	0.7387	18.763	0.0682	1.731	60º
7/8	UNF	0.875	22.23	14.0	1.814	0.7874	20.000	0.0438	1.113	60º
7/8	WHIT	0.875	22.23	9.0	2.822	0.7327	18.611	0.0711	1.806	55º
7/8	SPARK	0.875	22.23	18.0	1.411	0.8028	20.392	0.0361	0.917	60º
B	HOLTZ	0.875	22.23	8.3	3.079					
7/8	GAS	0.885	22.48	27.0	0.941					
Pg16	COND	0.886	22.50	18.0	1.411	0.8331	21.160	0.0264	0.670	80º
5/8	BSP	0.902	22.91	14.0	1.814	0.8110	20.599	0.0457	1.161	55º
15/16	V	0.938	23.81	9.0	2.822	0.7450	18.930	0.0960	2.440	60º
15/16	ADM	0.938	23.81	14.0	1.814	0.8460	21.489	0.0457	1.162	
5/8	WPIPE	0.938	23.81	14.0	1.814	0.8485	21.552	0.0445	1.130	55º
M24	Coarse	0.945	24.00	8.5	3.000	0.8000	20.319	0.0725	1.840	60º
M24	Fine	0.945	24.00	12.7	2.000	0.8483	21.546	0.0483	1.226	60º
-11	THURY	0.949	24.11	8.0	3.190					47½º
1	ADM	1.000	25.40	12.0	2.117	0.8933	22.689	0.0534	1.355	
1	BRASS	1.000	25.40	26.0	0.977	0.9508	24.150	0.0246	0.625	
1	BSF	1.000	25.40	10.0	2.540	0.8720	22.149	0.0640	1.626	55º
1	V	1.000	25.40	8.0	3.175	0.7840	19.910	0.1080	2.750	60º
1	UNC	1.000	25.40	8.0	3.175	0.8466	21.504	0.0767	1.948	60º
1	UNF	1.000	25.40	12.0	2.117	0.8990	22.840	0.0511	1.298	60º
1	SAE²	1.000	25.40	14.0	1.814	0.9132	23.190	0.0457	1.162	60º
1	WHIT	1.000	25.40	8.0	3.175	0.8399	21.333	0.0800	2.032	55º
A	HOLTZ	1.000	25.40	6.6	3.860					
1	GAS	1.006	25.55	27.0	0.941					

Size Designation	Thread Name	Dia/ Inch	Dia/ mm	Pitch/ TPI	Pitch/ mm	Core Dia/"	Core Dia/mm	Depth/ Inch	Depth/ mm	Thread Angle
E26 (USA)	EDISON	1.037	26.34	7.0	3.630	0.9710	24.660			*ROUND*
1 1/8	BRASS	1.040	26.42	26.0	0.977	0.9908	25.166	0.0246	0.625	
3/4	BSP	1.041	26.44	14.0	1.814	0.9500	24.130	0.0457	1.161	55º
E27 (Euro)	EDISON	1.041	26.45	7.0	3.630	0.9550	24.260			*ROUND*
1 1/16	ADM	1.063	26.99	12.0	2.117	0.9558	24.277	0.0534	1.355	
3/4	WPIPE	1.063	26.99	14.0	1.814	0.9735	24.727	0.0445	1.130	55º
M27	Coarse	1.063	27.00	8.5	3.000	0.9181	23.319	0.0725	1.840	60º
-12	THURY	1.079	27.40	7.2	3.540					47½º
Pg21	COND	1.114	28.30	16.0	1.588	1.0543	26.780	0.0299	0.760	80º
1 1/8	WHIT	1.125	28.58	7.0	3.629	0.9420	23.927	0.0915	2.324	55º
1 1/8	ADM	1.125	28.58	12.0	2.117	1.0183	25.864	0.0534	1.355	
1 1/8	BSF	1.125	28.58	9.0	2.822	0.9828	24.963	0.0711	1.806	55º
1 1/8	V	1.125	28.58	7.0	3.629	0.8770	22.290	0.1240	3.140	60º
1 1/8	UNC	1.125	28.58	7.0	3.629	0.9497	24.122	0.0876	2.226	60º
1 1/8	UNF	1.125	28.58	12.0	2.117	1.0228	25.979	0.0511	1.298	60º
M30	Coarse	1.181	30.00	7.3	3.500	1.0120	25.706	0.0845	2.147	60º
M30	Fine	1.181	30.00	12.7	2.000	1.0845	27.546	0.0483	1.226	60º
1 3/16	ADM	1.188	30.16	12.0	2.117	1.0808	27.452	0.0534	1.355	
7/8	BSP	1.189	30.20	14.0	1.814	1.0980	27.889	0.0457	1.161	55º
-13	THURY	1.205	31.00	6.5	3.930					47½º
7/8	WPIPE	1.219	30.96	14.0	1.814	1.1298	28.696	0.0445	1.130	55º
1 1/4	BRASS	1.250	31.75	26.0	0.977	1.2008	30.500	0.0246	0.625	
1 1/4	BSF	1.250	31.75	9.0	2.822	1.1078	28.138	0.0711	1.806	55º
1 1/4	V	1.250	31.75	7.0	3.629	1.0020	25.460	0.1240	3.140	60º
1 1/4	UNC	1.250	31.75	7.0	3.629	1.0747	27.297	0.0876	2.226	60º
1 1/4	UNF	1.250	31.75	12.0	2.117	1.1478	29.154	0.0511	1.298	60º
1 1/4	WHIT	1.250	31.75	7.0	3.629	1.0670	27.102	0.0915	2.324	55º
1 1/4	ADM	1.250	31.75	12.0	2.117	1.1433	29.039	0.0534	1.355	
E33	EDISON	1.300	33.00	6.0	4.230					*ROUND*
M33	Coarse	1.299	33.00	7.3	3.500	1.1302	28.706	0.0845	2.147	60º
1	BSP	1.309	33.25	11.0	2.309	1.1930	30.302	0.0582	1.478	55º
1 5/16	ADM	1.313	33.34	12.0	2.117	1.2058	30.627	0.0534	1.355	
1	WPIPE	1.344	34.13	11.0	2.309	1.2278	31.185	0.0580	1.473	55º
1 3/8	ADM	1.375	34.93	12.0	2.117	1.2683	32.214	0.0534	1.355	
1 3/8	BSF	1.375	34.93	8.0	3.175	1.2150	30.861	0.0800	2.032	55º
1 3/8	UNC	1.375	34.93	6.0	4.233	1.1705	29.731	0.1022	2.597	60º
1 3/8	UNF	1.375	34.93	12.0	2.117	1.2728	32.329	0.0511	1.298	60º
-14	THURY	1.386	35.20	5.8	4.370					47½º
M36	Coarse	1.417	36.00	6.4	4.000	1.2241	31.092	0.0966	2.454	60º
M36	Fine	1.417	36.00	8.5	3.000	1.2724	32.319	0.0725	1.841	60º
1 7/16	ADM	1.438	36.51	12.0	2.117	1.3308	33.802	0.0534	1.355	
Pg29	COND	1.457	37.00	16.0	1.588	1.3969	35.480	0.0299	0.760	80º
1 1/2	ADM	1.500	38.10	12.0	2.117	1.3933	35.389	0.0534	1.355	
1 1/2	BRASS	1.500	38.10	26.0	0.977	1.4508	36.850	0.0246	0.625	
1 1/2	BSF	1.500	38.10	8.0	3.175	1.3400	34.036	0.0800	2.032	55º
1 1/2	UNC	1.500	38.10	6.0	4.233	1.2955	32.906	0.1022	2.597	60º
1 1/2	UNF	1.500	38.10	12.0	2.117	1.3978	35.504	0.0511	1.298	60º
1 1/2	WHIT	1.500	38.10	6.0	4.233	1.2866	32.680	0.1067	2.710	55º
M39	Coarse	1.535	39.00	6.4	4.000	1.3422	34.092	0.0966	2.454	60º
E39 (USA)	EDISON	1.555	39.50	4.0	6.350	1.4550	36.970			*ROUND*
E40 (Euro)	EDISON	1.555	39.50	4.0	6.350	1.4130	35.900			*ROUND*
-15	THURY	1.575	40.00	5.2	4.860					47½º
1 5/8	BSF	1.625	41.28	8.0	3.175	1.4649	37.208	0.0800	2.032	55º
M42	Coarse	1.654	42.00	5.6	4.500	1.4362	36.479	0.1087	2.761	60º
M42	Fine	1.654	42.00	8.5	3.000	1.5065	38.265	0.0725	1.841	60º
1 1/4	WPIPE	1.688	42.86	11.0	2.309	1.5715	39.916	0.0580	1.473	55º
1 3/4	WHIT	1.750	44.45	5.0	5.080	1.4939	37.945	0.1281	3.254	55º
1 3/4	BSF	1.750	44.45	7.0	3.629	1.5670	39.802	0.0915	2.324	55º
1 3/4	UNC	1.750	44.45	5.0	5.080	1.5046	38.217	0.1227	3.116	60º
M45	Coarse	1.772	45.00	5.6	4.500	1.5543	39.479	0.1087	2.761	60º
-16	THURY	1.787	45.40	4.7	5.400					47½º
Pg36	COND	1.850	47.00	16.0	1.588	1.7906	45.480	0.0299	0.760	80º
M48	Coarse	1.890	48.00	5.1	5.000	1.6482	41.865	0.1208	3.067	60º
M48	Fine	1.890	48.00	8.5	3.000	1.7433	44.280	0.0725	1.841	60º
1 1/2	WPIPE	1.906	48.42	11.0	2.309	1.7903	45.472	0.0580	1.473	55º
2	BSF	2.000	50.80	7.0	3.629	1.8170	46.152	0.0915	2.324	55º
2	UNC	2.000	50.80	4.5	5.644	1.7274	43.876	0.1363	3.463	60º
2	WHIT	2.000	50.80	4.5	5.644	1.7154	43.571	0.1423	3.614	55º
-17	THURY	2.028	51.50	4.2	6.000					47½º
M52	Coarse	2.047	52.00	5.1	5.000	1.8057	45.865	0.1208	3.067	60º

Size Designation	Thread Name	Dia/ Inch	Dia/ mm	Pitch/ TPI	Pitch/ mm	Core Dia/"	Core Dia/mm	Depth/ Inch	Depth/ mm	Thread Angle
Pg42	COND	2.126	54.00	16.0	1.588	2.0661	52.480	0.0299	0.760	80º
1 3/4	WPIPE	2.156	54.77	11.0	2.309	2.0403	51.822	0.0580	1.473	55º
M56	Coarse	2.205	56.00	4.6	5.500	1.9391	49.252	0.1328	3.374	60º
M56	Fine	2.205	56.00	6.4	4.000	2.0115	51.093	0.0967	2.455	60º
2 1/4	BSF	2.250	57.15	6.0	4.233	2.0366	51.730	0.1067	2.710	55º
-18	THURY	2.299	58.40	3.8	6.660					47½º
Pg48	COND	2.335	59.30	16.0	1.588	2.2748	57.780	0.0299	0.760	80º
M60	Coarse	2.362	60.00	4.6	5.500	2.0965	53.252	0.1328	3.374	60º
2	WPIPE	2.375	60.33	11.0	2.309	2.2590	57.379	0.0580	1.473	55º
2 1/2	BSF	2.500	63.50	6.0	4.233	2.2866	58.080	0.1067	2.710	55º
M64	Coarse	2.520	64.00	4.2	6.000	2.2299	56.639	0.1449	3.681	60º
M64	Fine	2.520	64.00	6.4	4.000	2.3254	59.065	0.0967	2.455	60º
-19	THURY	2.610	66.30	3.4	7.400					47½º
2 1/4	WPIPE	2.625	66.68	11.0	2.309	2.5090	63.729	0.0580	1.473	55º
M68	Coarse	2.677	68.00	4.2	6.000	2.3874	60.639	0.1449	3.681	60º
2 3/4	BSF	2.750	69.85	6.0	4.233	2.5366	64.430	0.1067	2.710	55º
-20	THURY	2.961	75.20	3.1	8.230					47½º
2 1/2	WPIPE	3.000	76.20	11.0	2.309	2.8840	73.254	0.0580	1.473	55º
3	BSF	3.000	76.20	5.0	5.080	2.7439	69.695	0.1280	3.251	55º
2 3/4	WPIPE	3.250	82.55	11.0	2.309	3.1340	79.604	0.0580	1.473	55º
3	WPIPE	3.500	88.90	11.0	2.309	3.3840	85.954	0.0580	1.473	55º
3 1/4	WPIPE	3.750	95.25	11.0	2.309	3.6340	92.304	0.0580	1.473	55º
5 1/2	WPIPE	4.000	101.60	11.0	2.309	3.8840	98.654	0.0580	1.473	55º
3 3/4	WPIPE	4.250	107.95	11.0	2.309	4.1340	105.004	0.0580	1.473	55º
4	WPIPE	4.500	114.30	11.0	2.309	4.3840	111.354	0.0580	1.473	55º
4 1/2	WPIPE	5.000	127.00	11.0	2.309	4.8840	124.054	0.0580	1.473	55º
5	WPIPE	5.500	139.70	11.0	2.309	5.3840	136.754	0.0580	1.473	55º
5 1/2	WPIPE	6.000	152.40	11.0	2.309	5.8840	149.454	0.0580	1.473	55º
6	WPIPE	6.500	165.10	11.0	2.309	6.3840	162.154	0.0580	1.473	55º

1. *Watch threads may be manufactured with a 45º, 50º or 60º thread angle. 45º commonly used in soft brass.*

2 *Unified screw threads (UNC, UNF, UNS) replaced the old USS and SAE threads used before unification of screw threads between the UK, US and Canada. The United States continued using 1/2 USS and 1 SAE for standard nut and bolt production.*