

A Compilation of Thread Size Information

Key:

ADM	Admiralty.	HOLTZ	Holtzapfels Threads.
ASME	ASME Thread.	LOEW	Loewenhertz Threads.
BA	British Association.	M	ISO Metric.
Brass	Brass thread.	PEND	Watch Pendant Thread.
BSF	British Standard Fine.	PROG	Progress Thread.
BSP	British Standard Pipe Thread.	SPARK	Spark Plug Threads.
BUTTON	Watch button threads	THURY	Swiss Screw Thread.
CEI	Cycle Engineers Institute.	UNF/UNC	Unified National Fine/Coarse.
COND	Steel conduit thread (DIN 40430)	WALTH	Waltham Thread
CROWN	Watch crown threads.	Whit	Whitworth.
Elgin	Elgin watch screw threads.	W.INS	Whitworth Instrument.
GAS	Gas (Brass Pipe) Thread	W.Pipe	Whitworth Pipe Thread

(L = left hand thread)

Size	Thread	Dia/	Dia/	Pitch/	Pitch/	Core	Core	Depth/	Depth/
Designation	Name	Inch	mm	TPI	mm	Dia/"	Dia/mm	Inch	mm
10	W.INS	0.01	0.254	400	0.064	0.0068	0.173	0.0016	0.041
25	THURY	0.01	0.254	353.8	0.072				
11	W.INS	0.011	0.279	400	0.064	0.0078	0.198	0.0016	0.041
24	THURY	0.0114	0.289	318.3	0.080				
12	W.INS	0.012	0.305	350	0.073	0.0083	0.212	0.0018	0.046
23	THURY	0.0129	0.328	286.7	0.089				
23	BA	0.013	0.33	282.2	0.090	0.0087	0.22	0.0022	0.055
13	W.INS	0.013	0.33	350	0.073	0.0093	0.237	0.0018	0.046
	Elgin	0.0132	0.33	360	0.071	0.0112	0.28		
23	WALTH	0.0138	0.35	254	0.100	0.0107	0.27	0.0016	0.04
14	W.INS	0.014	0.356	300	0.085	0.0097	0.247	0.0021	0.054
22	BA	0.0146	0.37	259.2	0.098	0.0098	0.25	0.0024	0.06
22	THURY	0.0146	0.372	257.9	0.099				
	Elgin	0.0148	0.37	320	0.079	0.012	0.28	0.0014	0.03556
15	WINS	0.015	0.381	300	0.085	0.0107	0.273	0.0021	0.054
4	PROG	0.0157	0.4	254	0.100	0.0094	0.24	0.0031	0.08
16	W.INS	0.016	0.406	300	0.085	0.0117	0.298	0.0021	0.054
21	BA	0.0165	0.42	230.9	0.110	0.0114	0.29	0.0026	0.065
21	THURY	0.0168	0.426	233	0.109				
	Elgin	0.0168	0.42	260	0.098	0.0132	0.33	0.0018	0.04572
17	W.INS	0.017	0.432	250	0.102	0.0119	0.302	0.0026	0.065
21	WALTH	0.0177	0.45	240	0.106	0.0134	0.34	0.0022	0.055
4 1/2	PROG	0.0177	0.45	254	0.100	0.0114	0.29	0.0031	0.08
18	W.INS	0.018	0.457	250	0.102	0.0129	0.327	0.0026	0.065
20	THURY	0.0189	0.479	208.2	0.122				
20	BA	0.0189	0.48	211.7	0.120	0.0134	0.34	0.0028	0.07
19	W.INS	0.019	0.483	250	0.102	0.0139	0.353	0.0026	0.065
5	PROG	0.0197	0.5	203.2	0.125	0.0118	0.3	0.0039	0.1
20	W.INS	0.02	0.508	210	0.121	0.0139	0.353	0.003	0.077
	Elgin	0.0208	0.52	220	0.115	0.0168	0.42	0.0020	0.0508
19	BA	0.0213	0.54	181.4	0.140	0.0146	0.37	0.0033	0.085
19	THURY	0.0214	0.543	188.1	0.135				
19	WALTH	0.0217	0.55	220	0.115	0.0177	0.45	0.002	0.05
5 1/2	PROG	0.0217	0.55	203.2	0.125	0.0138	0.35	0.0039	0.1
22	W.INS	0.022	0.559	210	0.121	0.0159	0.404	0.003	0.077
	Elgin	0.0228	0.57	260	0.098	0.0188	0.47	0.0020	0.0508
6	PROG	0.0236	0.6	169.3	0.150	0.0142	0.36	0.0047	0.12
24	W.INS	0.024	0.61	210	0.121	0.0179	0.455	0.003	0.077
18	THURY	0.0243	0.616	169.3	0.150				

Size	Thread	Dia/	Dia/	Pitch/	Pitch/	Core	Core	Depth/	Depth/
Designation	Name	Inch	mm	TPI	mm	Dia/"	Dia/mm	Inch	mm
18	BA	0.0244	0.62	169.3	0.150	0.0173	0.44	0.0035	0.09
	Elgin	0.0248	0.62	220	0.115	0.02	0.5	0.0024	0.06096
17	WALTH	0.0256	0.65	200	0.127	0.0213	0.54	0.0022	0.055
6 1/2	PROG	0.0256	0.65	169.3	0.150	0.0161	0.41	0.0047	0.12
26	W.INS	0.026	0.66	180	0.141	0.0189	0.48	0.0036	0.09
	Elgin	0.0268	0.67	180	0.141	0.022	0.55	0.0024	0.06096
17	THURY	0.0275	0.699	152.1	0.167				
17	BA	0.0276	0.7	149.4	0.170	0.0197	0.5	0.0039	0.1
7	PROG	0.0276	0.7	145.1	0.175	0.0165	0.42	0.0055	0.14
28	W.INS	0.028	0.711	180	0.141	0.0209	0.531	0.0036	0.09
	Elgin	0.0288	0.72	220	0.115	0.0248	0.62	0.0020	0.0508
7 1/2	PROG	0.0295	0.75	145.1	0.175	0.0185	0.47	0.0055	0.14
30	W.INS	0.03	0.762	180	0.141	0.0229	0.581	0.0036	0.09
12 Swiss	BUTTON	0.03	0.76	140	0.181				
	Elgin	0.0308	0.77	180	0.141	0.0248	0.62	0.0030	0.0762
	Elgin	0.0308	0.77	220	0.115	0.0268	0.67	0.0020	0.0508
16	BA	0.0311	0.79	133.7	0.190	0.022	0.56	0.0045	0.115
16	THURY	0.0313	0.794	137.3	0.185				
8	PROG	0.0315	0.8	127	0.200	0.0189	0.48	0.0063	0.16
32	W.INS	0.032	0.813	180	0.141	0.0249	0.632	0.0036	0.09
15	WALTH	0.0327	0.83	180	0.141	0.028	0.71	0.0024	0.06
11 Swiss	BUTTON	0.033	0.84	140	0.181				
8 1/2	PROG	0.0335	0.85	127	0.200	0.0209	0.53	0.0063	0.16
34	W.INS	0.034	0.864	150	0.169	0.0255	0.647	0.0043	0.108
10A Swiss	BUTTON	0.034	0.86	110	0.231				
10 Swiss	BUTTON	0.035	0.89	110	0.231				
15	BA	0.0354	0.9	121	0.210	0.0256	0.65	0.0049	0.125
9	PROG	0.0354	0.9	112.9	0.225	0.0213	0.54	0.0071	0.18
15	THURY	0.0355	0.901	123.3	0.206				
10 US	BUTTON	0.036	0.9	113	0.225				
10B	BUTTON	0.036	0.91	110	0.231				
36	W.INS	0.036	0.914	150	0.169	0.0275	0.698	0.0043	0.108
9	WALTH	0.0366	0.93	160	0.159	0.028	0.71	0.0043	0.11
	Elgin	0.0368	0.92	140	0.181	0.028	0.7	0.0044	0.11176
	Elgin	0.0368	0.92	220	0.115	0.0268	0.67	0.0050	0.127
9 1/2	PROG	0.0374	0.95	112.9	0.225	0.0232	0.59	0.0071	0.18
38	W.INS	0.038	0.965	120	0.212	0.0273	0.694	0.0053	0.135
9 Swiss	BUTTON	0.039	0.99	110	0.231				
1	LOEW	0.0394	1	101.6	0.250	0.0246	0.625	0.0074	0.188
10	PROG	0.0394	1	101.6	0.250	0.0236	0.6	0.0079	0.2
13	WALTH	0.0394	1	180	0.141	0.0335	0.85	0.003	0.075
14	BA	0.0394	1	110.4	0.230	0.0283	0.72	0.0055	0.14
7	WALTH	0.0394	1	140	0.181	0.0335	0.85	0.003	0.075
M1	Coarse	0.0394	1	101.6	0.250	0.0295	0.75	0.0049	0.12538
40	W.INS	0.04	1.016	120	0.212	0.0293	0.745	0.0053	0.135
	Elgin	0.0408	1.02	120L	0.212	0.03	0.75	0.0054	0.13716
	Elgin	0.0408	1.02	200	0.127	0.0348	0.87	0.0030	0.0762
9 Elgin	BUTTON	0.041	1.03	120	0.212				
	Elgin	0.0428	1.07	120	0.212	0.0328	0.82	0.0050	0.127
8	BUTTON	0.043	1.09	100	0.254				
11	PROG	0.0433	1.1	92.4	0.275	0.026	0.66	0.0087	0.22
5	WALTH	0.0433	1.1	120	0.212	0.0374	0.95	0.003	0.075
M1.1	Coarse	0.0433	1.1	101.6	0.250	0.0335	0.85	0.0049	0.12491
14	THURY	0.0434	1.102	110.9	0.229				
	Elgin	0.0448	1.12	110	0.231	0.034	0.85	0.0054	0.13716
45	W.INS	0.045	1.143	120	0.212	0.0343	0.872	0.0053	0.135

Size	Thread	Dia/	Dia/	Pitch/	Pitch/	Core	Core	Depth/	Depth/
Designation	Name	Inch	mm	TPI	mm	Dia/"	Dia/mm	Inch	mm
13	THURY	0.0457	1.16	100	0.254				
	Elgin	0.0468	1.17	110	0.231	0.0348	0.87	0.0060	0.1524
3, 6, & 7	BUTTON	0.047	1.19	110	0.231				
1.2	LOEW	0.0472	1.2	101.6	0.250	0.0325	0.825	0.0074	0.188
12	PROG	0.0472	1.2	84.7	0.300	0.0283	0.72	0.0094	0.24
13	BA	0.0472	1.2	101.6	0.250	0.0354	0.9	0.0059	0.15
3	WALTH	0.0472	1.2	110	0.231	0.0402	1.02	0.0035	0.09
5/0 - 10/0	CROWN	0.048	1.2	110	0.231	0.038	0.95	0.0050	0.127
M1.2	Coarse	0.048	1.2	101.6	0.250	0.0374	0.95	0.0053	0.1346
	Elgin	0.0488	1.22	140	0.181	0.04	1	0.0044	0.11176
	Elgin	0.0488	1.22	200	0.127	0.0436	1.09	0.0026	0.06604
50	W.INS	0.05	1.27	100	0.254	0.0372	0.945	0.0064	0.163
	Elgin	0.0508	1.27	110L	0.231	0.0388	0.97	0.0060	0.1524
4	BUTTON	0.051	1.29	84	0.302				
12	BA	0.051	1.3	90.9	0.282	0.0375	0.953	0.0066	0.168
13	PROG	0.0512	1.3	78.2	0.325	0.0307	0.78	0.0102	0.26
12	THURY	0.052	1.32	90.1	0.282				
11	WALTH	0.0528	1.34	170	0.149	0.048	1.22	0.0024	0.06
5	BUTTON	0.054	1.36	84	0.302				
	Elgin	0.0548	1.37	180	0.141	0.0488	1.22		
55	W.INS	0.055	1.397	100	0.254	0.0422	1.072	0.0064	0.163
1.4	LOEW	0.0551	1.4	84.7	0.300	0.0374	0.95	0.0089	0.225
14	PROG	0.0551	1.4	72.6	0.350	0.0331	0.84	0.011	0.28
M1.4	Coarse	0.0551	1.4	84.7	0.300	0.0433	1.1	0.0059	0.14977
2 (pin lever)	BUTTON	0.058	1.47	84	0.302				
11	THURY	0.0587	1.49	80.9	0.314				
	11BA	0.059	1.5	82	0.314	0.0445	1.13	0.0073	0.185
1	WALTH	0.0591	1.5	110	0.231	0.052	1.32	0.0035	0.09
15	PROG	0.0591	1.5	67.7	0.375	0.0354	0.9	0.0118	0.3
0-80	ASME	0.06	1.524	80	0.318	0.0438	1.113	0.0081	0.206
2 (pocket)	BUTTON	0.06	1.55	80	0.318				
60	W.INS	0.06	1.524	100	0.254	0.0472	1.199	0.0064	0.163
	Elgin	0.0608	1.52	110	0.231	0.0488	1.22	0.0060	0.1524
	Elgin	0.0608	1.52	110L	0.231	0.0488	1.22	0.0060	0.1524
12 - 6 - 0	CROWN	0.061	1.53	80	0.318	0.048	1.2	0.0065	0.1651
16	PROG	0.063	1.6	55.6	0.457	0.0342	0.869	0.0144	0.366
M1.6	Coarse	0.063	1.6	72.6	0.350	0.0492	1.25	0.0069	0.1751
10	THURY	0.0646	1.64	72.8	0.349				
65	W.INS	0.065	1.651	80	0.318	0.049	1.245	0.008	0.203
1.7	LOEW	0.0669	1.7	72.6	0.350	0.0463	1.175	0.0103	0.263
17	PROG	0.0669	1.7	52.3	0.486	0.0363	0.922	0.0153	0.389
10	BA	0.067	1.7	72.5	0.349	0.0503	1.278	0.0083	0.211
70	W.INS	0.07	1.778	80	0.318	0.054	1.372	0.008	0.203
	Elgin	0.0708	1.77	180L	0.141	0.0648	1.62	0.0030	0.0762
18	PROG	0.0709	1.8	49.4	0.514	0.0385	0.978	0.0162	0.411
M1.8	Coarse	0.0709	1.8	72.6	0.350	0.0571	1.45	0.0069	0.17543
1 - 56	ASME	0.073	1.854	56	0.454	0.0498	1.265	0.0116	0.295
1 - 64	ASME	0.073	1.854	64	0.397	0.0527	1.339	0.0102	0.258
1 - 72	ASME	0.073	1.854	72	0.353	0.055	1.397	0.009	0.229
1	BUTTON	0.074	1.88	72	0.353				
19	PROG	0.0748	1.9	46.8	0.543	0.0406	1.031	0.0171	0.434
75	W.INS	0.075	1.905	80	0.318	0.059	1.499	0.008	0.203
9	BA	0.075	1.9	64.9	0.387	0.0564	1.433	0.0092	0.234
9	THURY	0.0756	1.92	65.6	0.387				
	Elgin	0.0768	1.92	110L	0.231	0.0708	1.77	0.0030	0.0762
16	CROWN	0.077	1.93	72	0.353	0.063	1.58	0.0070	0.1778

Size	Thread	Dia/	Dia/	Pitch/	Pitch/	Core	Core	Depth/	Depth/
Designation	Name	Inch	mm	TPI	mm	Dia/"	Dia/mm	Inch	mm
	Elgin	0.0772	1.93	80L	0.318	0.0612	1.53	0.0080	0.2032
2	LOEW	0.0787	2	63.5	0.400	0.0551	1.4	0.0118	0.3
20	PROG	0.0787	2	44.5	0.571	0.0428	1.086	0.018	0.457
M2	Coarse	0.0787	2	63.5	0.400	0.0630	1.6	0.0079	0.19949
80	W.INS	0.08	2.032	60	0.423	0.0587	1.49	0.0107	0.271
85	W.INS	0.085	2.159	60	0.423	0.0637	1.617	0.0107	0.271
8	THURY	0.0858	2.18	59.1	0.430				
2 - 56	ASME	0.086	2.184	56	0.454	0.0628	1.595	0.0116	0.295
2 - 64	ASME	0.086	2.184	64	0.397	0.0657	1.669	0.0101	0.258
8	BA	0.087	2.2	59.2	0.430	0.0664	1.687	0.01	0.257
M2.2	Coarse	0.087	2.2	56.4	0.450	0.0689	1.75	0.0091	0.2299
0	BUTTON	0.89	2.26	60	0.423				
	Elgin	0.0892	2.23	80L	0.318	0.0712	1.78	0.0090	0.2286
90	W.INS	0.09	2.286	60	0.423	0.0687	1.744	0.0107	0.271
95	W.INS	0.09	2.286	50	0.508	0.0644	1.636	0.0128	0.325
2.3	LOEW	0.0906	2.3	63.5	0.400	0.0669	1.7	0.0118	0.3
18.0	CROWN	0.091	2.28	60	0.423	0.071	1.78	0.0100	0.254
7	THURY	0.0976	2.48	53.1	0.478				
7	BA	0.098	2.5	52.9	0.478	0.0758	1.925	0.011	0.287
M2.5	Coarse	0.098	2.5	56.4	0.450	0.0807	2.05	0.0086	0.2196
3 - 48	ASME	0.099	2.515	48	0.529	0.0719	1.827	0.0135	0.344
3 - 56	ASME	0.099	2.515	56	0.454	0.0758	1.925	0.0116	0.295
100	W.INS	0.1	2.54	50	0.508	0.0744	1.89	0.0128	0.325
U	HOLTZ	0.1	2.54	55	0.462				
10/0	PEND	0.1016	2.58	90	0.282	0.0846	2.15	0.0085	0.215
2.6	LOEW	0.1024	2.6	56.4	0.450	0.0758	1.925	0.0133	0.338
6	BA	0.11	2.8	47.9	0.531	0.085	2.164	0.013	0.318
6	THURY	0.1106	2.81	47.8	0.531				
4 - 32	ASME	0.112	2.845	32	0.794	0.0714	1.814	0.0203	0.516
4 - 36	ASME	0.112	2.845	36	0.706	0.0759	1.928	0.018	0.458
4 - 40	ASME	0.112	2.845	40	0.635	0.0795	2.02	0.0162	0.412
4 - 40	UNC	0.112	2.845	40	0.635	0.081	2.065	0.015	0.39
4 - 48	ASME	0.112	2.845	48	0.529	0.0849	2.157	0.0135	0.344
M3	Coarse	0.118	3	50.8	0.500	0.094	2.387	0.012	0.307
3	LOEW	0.1181	3	50.8	0.500	0.0886	2.25	0.0148	0.375
T	HOLTZ	0.12	3.048	55	0.462				
1/8	BRASS	0.125	3.175	26	0.977	0.0758	1.925	0.0246	0.625
1/8	CEI	0.125	3.175	40	0.635	0.0984	2.499	0.0133	0.338
1/8	WHIT	0.125	3.175	40	0.635	0.093	2.362	0.016	0.406
5 - 36	ASME	0.125	3.175	36	0.706	0.0889	2.258	0.018	0.458
5 - 40	ASME	0.125	3.175	40	0.635	0.0925	2.35	0.0162	0.412
5 - 44	ASME	0.125	3.175	44	0.577	0.0955	2.425	0.0148	0.375
5	THURY	0.1256	3.19	43.1	0.590				
5/0	PEND	0.126	3.2	80	0.318	0.1122	2.85	0.0069	0.175
5	BA	0.126	3.2	43.1	0.590	0.098	2.489	0.014	0.353
3.5	LOEW	0.1378	3.5	42.3	0.600	0.1024	2.6	0.0177	0.45
6 - 32	ASME	0.138	3.505	32	0.794	0.0974	2.474	0.0203	0.516
6 - 32	UNC	0.138	3.5	32	0.794	0.1	2.532	0.019	0.487
6 - 36	ASME	0.138	3.505	36	0.706	0.1019	2.589	0.018	0.458
6 - 40	ASME	0.138	3.505	40	0.635	0.1055	2.68	0.0162	0.412
M3.5	Coarse	0.138	3.5	42.3	0.600	0.109	2.764	0.014	0.368
4	BA	0.142	3.6	38.5	0.656	0.111	2.807	0.016	0.396
4	THURY	0.1425	3.62	38.7	0.656				
0.148	GAS	0.148	3.759	32	0.794				
R	HOLTZ	0.15	3.81	55	0.462				
7 - 30	ASME	0.151	3.835	30	0.847	0.1077	2.736	0.0217	0.55

Size	Thread	Dia/	Dia/	Pitch/	Pitch/	Core	Core	Depth/	Depth/
Designation	Name	Inch	mm	TPI	mm	Dia/"	Dia/mm	Inch	mm
7 - 32	ASME	0.151	3.835	32	0.794	0.1104	2.804	0.0203	0.516
7 - 36	ASME	0.151	3.835	36	0.706	0.1149	2.919	0.018	0.458
0	PEND	0.1535	3.9	66	0.385	0.1358	3.45	0.0089	0.225
5/32	CEI	0.1563	3.97	32	0.794	0.1231	3.127	0.0166	0.422
M4	Coarse	0.157	4	36.3	0.700	0.124	3.141	0.019	0.492
4	LOEW	0.1575	4	36.3	0.700	0.1161	2.95	0.0207	0.525
3	BA	0.161	4.1	34.8	0.729	0.127	3.226	0.017	0.437
3	THURY	0.1618	4.11	34.8	0.729				
Q	HOLTZ	0.162	4.115	39.9	0.637				
8 - 30	ASME	0.164	4.166	30	0.847	0.1207	3.066	0.0217	0.55
8 - 32	ASME	0.164	4.166	32	0.794	0.1234	3.134	0.0203	0.516
8 - 32	UNC	0.164	4.166	32	0.794	0.126	3.2	0.019	0.487
8 - 36	ASME	0.164	4.166	36	0.706	0.1279	3.249	0.018	0.458
8 - 40	ASME	0.164	4.166	40	0.635	0.1315	3.341	0.0162	0.412
12 - 6	PEND	0.1732	4.4	66	0.385	0.1555	3.95	0.0089	0.225
9 - 24	ASME	0.177	4.496	24	1.058	0.1229	3.121	0.0271	0.687
9 - 30	ASME	0.177	4.496	30	0.847	0.1337	3.396	0.0217	0.55
9 - 32	ASME	0.177	4.496	32	0.794	0.1364	3.465	0.0203	0.516
M4.5	Coarse	0.177	4.5	33.9	0.750	0.141	3.58	0.018	0.46
4.5	LOEW	0.1772	4.5	33.9	0.750	0.1329	3.375	0.0221	0.563
0	HOLTZ	0.18	4.572	36.1	0.704				
2	THURY	0.1835	4.66	31.4	0.810				
2	BA	0.185	4.7	31.4	0.810	0.147	3.729	0.019	0.485
S	HOLTZ	0.185	4.699	55	0.462				
3/16	CEI	0.1875	4.763	32	0.794	0.1543	3.919	0.0166	0.422
3/16	BSF	0.188	4.763	32	0.794	0.148	3.747	0.02	0.508
3/16	WHIT	0.188	4.763	24	1.058	0.134	3.406	0.027	0.678
10 - 24	ASME	0.19	4.826	24	1.058	0.1359	3.451	0.0271	0.687
10 - 24	UNC	0.19	4.826	24	1.058	0.139	3.528	0.026	0.649
10 - 28	ASME	0.19	4.826	28	0.907	0.1436	3.648	0.0232	0.589
10 - 30	ASME	0.19	4.826	30	0.847	0.1467	3.726	0.0217	0.55
10 - 32	ASME	0.19	4.826	32	0.794	0.1494	3.795	0.0203	0.516
10 - 32	UNF	0.19	4.826	32	0.794	0.152	3.853	0.019	0.487
P	HOLTZ	0.19	4.826	39.9	0.637				
0.196	GAS	0.196	4.978	32	0.794				
16	PEND	0.1969	5	60	0.423	0.1772	4.5	0.0098	0.25
5	LOEW	0.1969	5	31.8	0.800	0.1496	3.8	0.0236	0.6
M5	Coarse	0.197	5	31.8	0.800	0.158	4.018	0.019	0.491
N	HOLTZ	0.2	5.08	36.1	0.704				
1	THURY	0.2083	5.29	28.2	0.900				
1	BA	0.209	5.3	28.3	0.900	0.166	4.224	0.021	0.538
L	HOLTZ	0.21	5.334	28.9	0.879				
12 - 24	ASME	0.216	5.486	24	1.058	0.1619	4.112	0.0271	0.687
12 - 28	ASME	0.216	5.486	28	0.907	0.1696	4.308	0.0232	0.589
12 - 32	ASME	0.216	5.486	32	0.794	0.1754	4.455	0.0203	0.516
5.5	LOEW	0.2165	5.5	28.2	0.900	0.1634	4.15	0.0266	0.675
7/32	CEI	0.2188	5.558	26	0.977	0.1778	4.516	0.0205	0.521
7/32	BSF	0.219	5.558	28	0.907	0.173	4.394	0.023	0.582
18	PEND	0.2323	5.9	50	0.508	0.2079	5.28	0.0122	0.31
0	BA	0.236	6	25.4	1.000	0.189	4.8	0.024	0.6
M6	Coarse	0.236	6	25.4	1.000	0.188	4.773	0.024	0.613
0	THURY	0.2362	6	25.4	1.000				
6	LOEW	0.2362	6	25.4	1.000	0.1772	4.5	0.0295	0.75
M	HOLTZ	0.24	6.096	36.1	0.704				
14 - 20	ASME	0.242	6.147	20	1.270	0.177	4.497	0.0325	0.825
14 - 24	ASME	0.242	6.147	24	1.058	0.1879	4.772	0.0271	0.687

Size	Thread	Dia/	Dia/	Pitch/	Pitch/	Core	Core	Depth/	Depth/
Designation	Name	Inch	mm	TPI	mm	Dia/"	Dia/mm	Inch	mm
No.4	GAS	0.246	6.248	27	0.941				
1/4	BRASS	0.25	6.35	26	0.977	0.2008	5.1	0.0246	0.625
1/4	BSF	0.25	6.35	26	0.977	0.201	5.1	0.025	0.625
1/4	CEI	0.25	6.35	26	0.977	0.209	5.309	0.0205	0.521
1/4	UNC	0.25	6.35	20	1.270	0.189	4.793	0.031	0.779
1/4	UNF	0.25	6.35	28	0.907	0.206	5.237	0.022	0.557
1/4	WHIT	0.25	6.35	20	1.270	0.186	4.724	0.032	0.813
1/4	SPARK	0.25	6.35	24	1.058	0.1959	4.975	0.0271	0.687
K	HOLTZ	0.25	6.35	25.7	0.990				
1/4	GAS	0.26	6.604	27	0.941				
16-18	ASME	0.268	6.807	18	1.411	0.1958	4.974	0.0361	0.917
16-20	ASME	0.268	6.807	20	1.270	0.203	5.157	0.0325	0.825
16-22	ASME	0.268	6.807	22	1.155	0.209	5.307	0.0295	0.75
-1	THURY	0.2681	6.81	23.1	1.100				
7	LOEW	0.2756	7	23.1	1.100	0.2106	5.35	0.0325	0.825
M7	Coarse	0.276	7	25.4	1.000	0.227	5.773	0.024	0.613
9/32	CEI	0.2813	7.145	26	0.977	0.2403	6.104	0.0205	0.521
J	HOLTZ	0.29	7.366	25.7	0.990				
18-18	ASME	0.294	7.468	18	1.411	0.2218	5.635	0.0361	0.917
18-20	ASME	0.294	7.468	20	1.270	0.229	5.818	0.0325	0.825
-2	THURY	0.3043	7.73	20.7	1.230				
5/16	CEI	0.3125	7.938	26	0.977	0.2715	6.896	0.0205	0.521
5/16	BSF	0.313	7.938	22	1.155	0.254	6.459	0.029	0.739
5/16	UNC	0.313	7.938	18	1.411	0.244	6.205	0.034	0.866
5/16	UNF	0.313	7.938	24	1.058	0.261	6.64	0.026	0.649
5/16	WHIT	0.313	7.938	18	1.411	0.241	6.132	0.036	0.904
8	LOEW	0.315	8	21.2	1.200	0.2441	6.2	0.0354	0.9
M8	Coarse	0.315	8	20.3	1.250	0.255	6.466	0.03	0.767
M8	Fine	0.315	8	25.4	1.000	0.267	6.773	0.024	0.613
20-16	ASME	0.32	8.128	16	1.588	0.2388	6.066	0.0406	1.031
20-18	ASME	0.32	8.128	18	1.411	0.2478	6.295	0.0361	0.917
20-20	ASME	0.32	8.128	20	1.270	0.255	6.478	0.0325	0.825
I	HOLTZ	0.33	8.382	25.7	0.990				
5/16	GAS	0.342	8.687	27	0.941				
-3	THURY	0.3453	8.77	18.5	1.370				
22-16	ASME	0.346	8.788	16	1.588	0.2648	6.726	0.0406	1.031
22-18	ASME	0.346	8.788	18	1.411	0.2738	6.955	0.0361	0.917
9	LOEW	0.3543	9	19.5	1.300	0.2776	7.05	0.0384	0.975
H	HOLTZ	0.36	9.144	19.9	1.277				
24-16	ASME	0.372	9.449	16	1.588	0.2908	7.387	0.0406	1.031
24-18	ASME	0.372	9.449	18	1.411	0.2998	7.616	0.0361	0.917
3/8	ADM	0.375	9.525	24	1.058	0.3216	8.17	0.0267	0.678
3/8	BRASS	0.375	9.525	26	0.977	0.3258	8.275	0.0246	0.625
3/8	BSF	0.375	9.525	20	1.270	0.311	7.899	0.032	0.813
3/8	CEI	0.375	9.525	26	0.977	0.334	8.484	0.0205	0.521
3/8	UNC	0.375	9.525	16	1.588	0.298	7.577	0.038	0.974
3/8	UNF	0.375	9.525	24	1.058	0.324	8.227	0.026	0.649
3/8	WHIT	0.375	9.525	16	1.588	0.295	7.493	0.04	1.016
3/8	SPARK	0.375	9.525	24	1.058	0.3209	8.15	0.0271	0.687
1/8	BSP	0.383	9.728	28	0.907	0.337	8.56	0.023	0.582
3/8	GAS	0.39	9.906	27	0.941				
-4	THURY	0.3917	9.95	16.7	1.520				
10	LOEW	0.3937	10	18.1	1.400	0.311	7.9	0.0413	1.05
M10	Coarse	0.394	10	16.9	1.500	0.321	8.16	0.036	0.92
M10	Fine	0.394	10	20.3	1.250	0.333	8.467	0.03	0.767
26-14	ASME	0.398	10.109	14	1.814	0.3052	7.752	0.0464	1.178

Size	Thread	Dia/	Dia/	Pitch/	Pitch/	Core	Core	Depth/	Depth/
Designation	Name	Inch	mm	TPI	mm	Dia/"	Dia/mm	Inch	mm
26-16	ASME	0.398	10.109	16	1.588	0.3168	8.047	0.0406	1.031
1/8	WPIPE	0.4063	10.319	28	0.907	0.3603	9.15	0.023	0.584
G	HOLTZ	0.41	10.414	19.9	1.277				
28-14	ASME	0.424	10.77	14	1.814	0.3312	8.413	0.0464	1.178
28-16	ASME	0.424	10.77	16	1.588	0.3428	8.707	0.0406	1.031
7/16	ADM	0.4375	11.113	24	1.058	0.3841	9.757	0.0267	0.678
7/16	BSF	0.4375	11.113	18	1.411	0.3663	9.304	0.0356	0.904
7/16	CEI	0.4375	11.113	26	0.977	0.3965	10.071	0.0205	0.521
7/16	CEI20	0.4375	11.113	20	1.270	0.3843	9.761	0.0266	0.676
7/16	UNC	0.4375	11.113	14	1.814	0.3499	8.887	0.0438	1.113
7/16	UNF	0.4375	11.113	20	1.270	0.3762	9.555	0.3067	7.79
7/16	WHIT	0.4375	11.113	14	1.814	0.346	8.788	0.0457	1.161
-5	THURY	0.4449	11.3	15	1.690				
30-14	ASME	0.45	11.43	14	1.814	0.3572	9.073	0.0464	1.178
30-16	ASME	0.45	11.43	16	1.588	0.3688	9.368	0.0406	1.031
F	HOLTZ	0.45	11.43	16.5	1.539				
7/16	GAS	0.459	11.659	27	0.941				
M12	Coarse	0.4724	12	14.5	1.750	0.3879	9.853	0.0423	1.074
M12	Fine	0.4724	12	20.3	1.250	0.4121	10.467	0.0302	0.767
12	LOEW	0.4724	12	15.9	1.600	0.378	9.6	0.0472	1.2
12MM	SPARK	0.4724	12	25.4	1.250	0.4252	10.8	0.0236	0.6
1/2	COND	0.492	12.5	20	1.270	0.444	11.28	0.0240	0.61
1/2	ADM	0.5	12.7	20	1.270	0.436	11.074	0.032	0.813
1/2	BRASS	0.5	12.7	26	0.977	0.4508	11.45	0.0246	0.625
1/2	BSF	0.5	12.7	16	1.588	0.42	10.668	0.04	1.016
1/2	CEI	0.5	12.7	26	0.977	0.459	11.659	0.0205	0.521
1/2	CEI20	0.5	12.7	20	1.270	0.4468	11.349	0.0266	0.676
1/2	UNC	0.5	12.7	13	1.954	0.4056	10.302	0.0438	1.113
1/2	UNF	0.5	12.7	20	1.270	0.4387	11.143	0.05	1.27
1/2	WHIT	0.5	12.7	12	2.117	0.3933	9.99	0.0534	1.356
E	HOLTZ	0.5	12.7	13.1	1.940				
-6	THURY	0.5039	12.8	13.5	1.880				
1/2	GAS	0.515	13.081	27	0.941				
1/4	BSP	0.518	13.157	19	1.337	0.451	11.455	0.0335	0.851
1/4	WPIPE	0.5313	13.494	19	1.337	0.4643	11.792	0.0335	0.851
M15	Coarse	0.5512	14	12.7	2.000	0.4546	11.546	0.0483	1.227
14	LOEW	0.5512	14	14.1	1.800	0.4449	11.3	0.0531	1.35
14MM	SPARK	0.5512	14	20.3	1.250	0.4908	12.466	0.0302	0.767
9/16	ADM	0.5556	14.111	20	1.270	0.4915	12.485	0.032	0.813
D	HOLTZ	0.56	14.224	13.1	1.940				
9/16	BSF	0.5625	14.288	16	1.588	0.4825	12.256	0.04	1.016
9/16	CEI	0.5625	14.288	26	0.977	0.5215	13.246	0.0205	0.521
9/16	CEI20	0.5625	14.288	20	1.270	0.5093	12.936	0.0266	0.676
9/16	UNC	0.5625	14.288	12	2.117	0.4603	11.692	0.0511	1.298
9/16	UNF	0.5625	14.288	18	1.411	0.4943	12.555	0.0341	0.866
9/16	WHIT	0.5625	14.288	12	2.117	0.4558	11.577	0.0534	1.356
-7	THURY	0.5709	14.5	12.2	2.090				
9/16	GAS	0.578	14.681	27	0.941				
Pg9	COND	0.598	15.2	18	1.411	0.546	13.86	0.0264	0.67
5/8	ADM	0.625	15.875	20	1.270	0.561	14.249	0.032	0.813
5/8	BRASS	0.625	15.875	26	0.977	0.5758	14.625	0.0246	0.625
5/8	BSF	0.625	15.875	14	1.814	0.5336	13.553	0.0457	1.161
5/8	CEI	0.625	15.875	26	0.977	0.584	14.834	0.0205	0.521
5/8	CEI20	0.625	15.875	20	1.270	0.5718	14.524	0.0266	0.676
5/8	UNC	0.625	15.875	11	2.309	0.5135	13.043	0.0558	1.417
5/8	UNF	0.625	15.875	18	1.411	0.5568	14.143	0.0341	0.866

Size	Thread	Dia/	Dia/	Pitch/	Pitch/	Core	Core	Depth/	Depth/
Designation	Name	Inch	mm	TPI	mm	Dia/"	Dia/mm	Inch	mm
5/8	WHIT	0.625	15.875	11	2.309	0.5086	12.918	0.0582	1.478
DD	HOLTZ	0.625	15.875	13.1	1.940				
M16	Coarse	0.6299	16	12.7	2.000	0.5333	13.546	0.0483	1.227
M16	Fine	0.6299	16	16.9	1.500	0.5575	14.16	0.0362	0.92
16	LOEW	0.6299	16	12.7	2.000	0.5118	13	0.0591	1.5
5/8	GAS	0.637	16.18	27	0.941				
-8	THURY	0.6496	16.5	10.9	2.320				
3/8	BSP	0.656	16.662	19	1.337	0.589	14.961	0.0335	0.851
11/16	ADM	0.6875	17.463	20	1.270	0.6235	15.836	0.032	0.813
11/16	CEI	0.6875	17.463	26	0.977	0.6465	16.421	0.0205	0.521
11/16	CEI20	0.6875	17.463	20	1.270	0.6343	16.111	0.0266	0.676
3/8	WPIPE	0.6875	17.463	19	1.337	0.6205	15.761	0.0335	0.851
M18	Coarse	0.7087	18	10.2	2.500	0.5879	14.933	0.0604	1.534
18	LOEW	0.7087	18	11.5	2.200	0.5787	14.7	0.065	1.65
18MM	SPARK	0.7087	18	16.9	1.500	0.6362	16.16	0.0362	0.92
Pg11	COND	0.732	18.6	18	1.411	0.680	17.26	0.0264	0.67
-9	THURY	0.7362	18.7	9.8	2.580				
3/4	ADM	0.75	19.05	14	1.814	0.6585	16.727	0.0457	1.162
3/4	BRASS	0.75	19.05	26	0.977	0.7008	17.8	0.0246	0.625
3/4	BSF	0.75	19.05	12	2.117	0.6432	16.337	0.0534	1.356
3/4	CEI	0.75	19.05	26	0.977	0.709	18.009	0.0205	0.521
3/4	CEI20	0.75	19.05	20	1.270	0.6968	17.699	0.0266	0.676
3/4	UNC	0.75	19.05	10	2.540	0.6273	15.933	0.0613	1.558
3/4	UNF	0.75	19.05	16	1.588	0.6733	17.102	0.0625	1.588
3/4	WHIT	0.75	19.05	10	2.540	0.6219	15.796	0.064	1.626
C	HOLTZ	0.75	19.05	9.5	2.688				
3/4	GAS	0.77	19.558	27	0.941				
M20	Coarse	0.7874	20	10.2	2.500	0.6666	16.933	0.0604	1.534
M20	Fine	0.7874	20	16.9	1.500	0.715	18.16	0.0362	0.92
Pg13.5	COND	0.803	20.4	18	1.411	0.750	19.06	0.0264	0.67
13/16	ADM	0.8125	20.638	14	1.814	0.721	18.314	0.0457	1.162
1/2	BSP	0.825	20.955	14	1.814	0.734	18.644	0.0457	1.161
-10	THURY	0.8346	21.2	8.9	2.870				
1/2	WPIPE	0.8438	21.431	14	1.814	0.7548	19.171	0.0445	1.13
M22	Coarse	0.8661	22	10.2	2.500	0.7454	18.933	0.0604	1.534
7/8	ADM	0.875	22.225	14	1.814	0.7835	19.902	0.0457	1.162
7/8	BRASS	0.875	22.225	26	0.977	0.8258	20.975	0.0246	0.625
7/8	BSF	0.875	22.225	11	2.309	0.7586	19.268	0.0582	1.478
7/8	UNC	0.875	22.225	9	2.822	0.7387	18.763	0.0682	1.731
7/8	UNF	0.875	22.225	14	1.814	0.7874	20	0.0438	1.113
7/8	WHIT	0.875	22.225	9	2.822	0.7327	18.611	0.0711	1.806
7/8	SPARK	0.875	22.225	18	1.411	0.8028	20.392	0.0361	0.917
B	HOLTZ	0.875	22.225	8.3	3.079				
7/8	GAS	0.885	22.479	27	0.941				
Pg16	COND	0.886	22.5	18	1.411	0.833	21.16	0.0264	0.67
5/8	BSP	0.902	22.911	14	1.814	0.811	20.599	0.0457	1.161
15/16	ADM	0.9375	23.813	14	1.814	0.846	21.489	0.0457	1.162
5/8	WPIPE	0.9375	23.813	14	1.814	0.8485	21.552	0.0445	1.13
M24	Coarse	0.9449	24	8.5	3.000	0.8	20.319	0.0725	1.84
M24	Fine	0.9449	24	12.7	2.000	0.8483	21.546	0.0483	1.226
-11	THURY	0.9492	24.11	8	3.190				
1	ADM	1	25.4	12	2.117	0.8933	22.689	0.0534	1.355
1	BRASS	1	25.4	26	0.977	0.9508	24.15	0.0246	0.625
1	BSF	1	25.4	10	2.540	0.872	22.149	0.064	1.626
1	UNC	1	25.4	8	3.175	0.8466	21.504	0.0767	1.948
1	UNF	1	25.4	12	2.117	0.8978	22.804	0.0511	1.298

Size	Thread	Dia/	Dia/	Pitch/	Pitch/	Core	Core	Depth/	Depth/
Designation	Name	Inch	mm	TPI	mm	Dia/"	Dia/mm	Inch	mm
1	WHIT	1	25.4	8	3.175	0.8399	21.333	0.08	2.032
A	HOLTZ	1	25.4	6.6	3.860				
1	GAS	1.006	25.552	27	0.941				
1 1/8	BRASS	1.04	26.416	26	0.977	0.9908	25.166	0.0246	0.625
3/4	BSP	1.041	26.441	14	1.814	0.95	24.13	0.0457	1.161
1 1/16	ADM	1.0625	26.988	12	2.117	0.9558	24.277	0.0534	1.355
3/4	WPIPE	1.0625	26.988	14	1.814	0.9735	24.727	0.0445	1.13
M27	Coarse	1.063	27	8.5	3.000	0.9181	23.319	0.0725	1.84
-12	THURY	1.0787	27.4	7.2	3.540				
Pg21	COND	1.114	28.3	16	1.588	1.054	26.78	0.0299	0.76
1 1/8		1.125	28.575	7	3.629	0.942	23.927	0.0915	2.324
1 1/8	ADM	1.125	28.575	12	2.117	1.0183	25.864	0.0534	1.355
1 1/8	BSF	1.125	28.575	9	2.822	0.9828	24.963	0.0711	1.806
1 1/8	UNC	1.125	28.575	7	3.629	0.9497	24.122	0.0876	2.226
1 1/8	UNF	1.125	28.575	12	2.117	1.0228	25.979	0.0511	1.298
M30	Coarse	1.1811	30	7.3	3.500	1.012	25.706	0.0845	2.147
M30	Fine	1.1811	30	12.7	2.000	1.0845	27.546	0.0483	1.226
1 3/16	ADM	1.1875	30.163	12	2.117	1.0808	27.452	0.0534	1.355
7/8	BSP	1.189	30.201	14	1.814	1.098	27.889	0.0457	1.161
-13	THURY	1.2048	31	6.5	3.930				
7/8	WPIPE	1.2188	30.956	14	1.814	1.1298	28.696	0.0445	1.13
1 1/4	BRASS	1.25	31.75	26	0.977	1.2008	30.5	0.0246	0.625
1 1/4	BSF	1.25	31.75	9	2.822	1.1078	28.138	0.0711	1.806
1 1/4	UNC	1.25	31.75	7	3.629	1.0747	27.297	0.0876	2.226
1 1/4	UNF	1.25	31.75	12	2.117	1.1478	29.154	0.0511	1.298
1 1/4	WHIT	1.25	31.75	7	3.629	1.067	27.102	0.0915	2.324
1 1/4	ADM	1.25	31.75	12	2.117	1.1433	29.039	0.0534	1.355
M33	Coarse	1.2992	33	7.3	3.500	1.1302	28.706	0.0845	2.147
1	BSP	1.309	33.249	11	2.309	1.193	30.302	0.0582	1.478
1 5/16	ADM	1.3125	33.338	12	2.117	1.2058	30.627	0.0534	1.355
1	WPIPE	1.3438	34.131	11	2.309	1.2278	31.185	0.058	1.473
1 3/8	ADM	1.375	34.925	12	2.117	1.2683	32.214	0.0534	1.355
1 3/8	BSF	1.375	34.925	8	3.175	1.215	30.861	0.08	2.032
1 3/8	UNC	1.375	34.925	6	4.233	1.1705	29.731	0.1022	2.597
1 3/8	UNF	1.375	34.925	12	2.117	1.2728	32.329	0.0511	1.298
-14	THURY	1.3858	35.2	5.8	4.370				
M36	Coarse	1.4173	36	6.4	4.000	1.2241	31.092	0.0966	2.454
M36	Fine	1.4173	36	8.5	3.000	1.2724	32.319	0.0725	1.841
1 7/16	ADM	1.4375	36.513	12	2.117	1.3308	33.802	0.0534	1.355
Pg29	COND	1.457	37	16	1.588	1.397	35.48	0.0299	0.76
1 1/2	ADM	1.5	38.1	12	2.117	1.3933	35.389	0.0534	1.355
1 1/2	BRASS	1.5	38.1	26	0.977	1.4508	36.85	0.0246	0.625
1 1/2	BSF	1.5	38.1	8	3.175	1.34	34.036	0.08	2.032
1 1/2	UNC	1.5	38.1	6	4.233	1.2955	32.906	0.1022	2.597
1 1/2	UNF	1.5	38.1	12	2.117	1.3978	35.504	0.0511	1.298
1 1/2	WHIT	1.5	38.1	6	4.233	1.2866	32.68	0.1067	2.71
M39	Coarse	1.5354	39	6.4	4.000	1.3422	34.092	0.0966	2.454
-15	THURY	1.5748	40	5.2	4.860				
1 5/8	BSF	1.625	41.275	8	3.175	1.4649	37.208	0.08	2.032
M42	Coarse	1.6535	42	5.6	4.500	1.4362	36.479	0.1087	2.761
M42	Fine	1.6535	42	8.5	3.000	1.5065	38.265	0.0725	1.841
1 1/4	WPIPE	1.6875	42.863	11	2.309	1.5715	39.916	0.058	1.473
1 3/4		1.75	44.45	5	5.080	1.4939	37.945	0.1281	3.254
1 3/4	BSF	1.75	44.45	7	3.629	1.567	39.802	0.0915	2.324
1 3/4	UNC	1.75	44.45	5	5.080	1.5046	38.217	0.1227	3.116
M45	Coarse	1.7717	45	5.6	4.500	1.5543	39.479	0.1087	2.761

Size	Thread	Dia/	Dia/	Pitch/	Pitch/	Core	Core	Depth/	Depth/
Designation	Name	Inch	mm	TPI	mm	Dia/"	Dia/mm	Inch	mm
-16	THURY	1.7874	45.4	4.7	5.400				
Pg36	COND	1.850	47	16	1.588	1.791	45.48	0.0299	0.76
M48	Coarse	1.8898	48	5.1	5.000	1.6482	41.865	0.1208	3.067
M48	Fine	1.8898	48	8.5	3.000	1.7433	44.28	0.0725	1.841
1 1/2	WPIPE	1.9063	48.419	11	2.309	1.7903	45.472	0.058	1.473
2	BSF	2	50.8	7	3.629	1.817	46.152	0.0915	2.324
2	UNC	2	50.8	4.5	5.644	1.7274	43.876	0.1363	3.463
2	WHIT	2	50.8	4.5	5.644	1.7154	43.571	0.1423	3.614
-17	THURY	2.0276	51.5	4.2	6.000				
M52	Coarse	2.0472	52	5.1	5.000	1.8057	45.865	0.1208	3.067
Pg42	COND	2.126	54	16	1.588	2.066	52.48	0.0299	0.76
1 3/4	WPIPE	2.1563	54.769	11	2.309	2.0403	51.822	0.058	1.473
M56	Coarse	2.2047	56	4.6	5.500	1.9391	49.252	0.1328	3.374
M56	Fine	2.2047	56	6.4	4.000	2.0115	51.093	0.0967	2.455
2 1/4	BSF	2.25	57.15	6	4.233	2.0366	51.73	0.1067	2.71
-18	THURY	2.2992	58.4	3.8	6.660				
Pg48	COND	2.335	59.3	16	1.588	2.275	57.78	0.0299	0.76
M60	Coarse	2.3622	60	4.6	5.500	2.0965	53.252	0.1328	3.374
2	WPIPE	2.375	60.325	11	2.309	2.259	57.379	0.058	1.473
2 1/2	BSF	2.5	63.5	6	4.233	2.2866	58.08	0.1067	2.71
M64	Coarse	2.5197	64	4.2	6.000	2.2299	56.639	0.1449	3.681
M64	Fine	2.5197	64	6.4	4.000	2.3254	59.065	0.0967	2.455
-19	THURY	2.6102	66.3	3.4	7.400				
2 1/4	WPIPE	2.625	66.675	11	2.309	2.509	63.729	0.058	1.473
M68	Coarse	2.6772	68	4.2	6.000	2.3874	60.639	0.1449	3.681
2 3/4	BSF	2.75	69.85	6	4.233	2.5366	64.43	0.1067	2.71
-20	THURY	2.9606	75.2	3.1	8.230				
2 1/2	WPIPE	3	76.2	11	2.309	2.884	73.254	0.058	1.473
3	BSF	3	76.2	5	5.080	2.7439	69.695	0.128	3.251
2 3/4	WPIPE	3.25	82.55	11	2.309	3.134	79.604	0.058	1.473
3	WPIPE	3.5	88.9	11	2.309	3.384	85.954	0.058	1.473
3 1/4	WPIPE	3.75	95.25	11	2.309	3.634	92.304	0.058	1.473
5 1/2	WPIPE	4	101.6	11	2.309	3.884	98.654	0.058	1.473
3 3/4	WPIPE	4.25	107.95	11	2.309	4.134	105.004	0.058	1.473
4	WPIPE	4.5	114.3	11	2.309	4.384	111.354	0.058	1.473
4 1/2	WPIPE	5	127	11	2.309	4.884	124.054	0.058	1.473
5	WPIPE	5.5	139.7	11	2.309	5.384	136.754	0.058	1.473
5 1/2	WPIPE	6	152.4	11	2.309	5.884	149.454	0.058	1.473
6	WPIPE	6.5	165.1	11	2.309	6.384	162.154	0.058	1.473

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