

Metric	Inch	Designation	Note
	0.0059	#97	
	0.0063	#96	
	0.0067	#95	
	0.0071	#94	
	0.0075	#93	
	0.0079	#92	
	0.0083	#91	
	0.0087	#90	
	0.0091	#89	
	0.0095	#88	
.25 mm	0.0098		
	0.01	#87	
	0.0105	#86	
	0.011	#85	
	0.0115	#84	
.30 mm	0.0118		
	0.012	#83	
	0.0125	#82	
.32 mm	0.0126		
	0.013	#81	
.3429 mm	0.0135	#80	
.3683 mm	0.0145	#79	
.3969 mm	0.015625	1/64"	#0 Pilot, Soft-Wood
.4064 mm	0.016	#78	
.4572 mm	0.018	#77	
.5 mm	0.0197	.5 mm	
.508 mm	0.02	#76	
.5334 mm	0.021	#75	
.5715 mm	0.0225	#74	
.6096 mm	0.024	#73	
.635 mm	0.025	#72	
.6604 mm	0.026	#71	
.7112 mm	0.028	#70	
.74168 mm	0.0292	#69	
.75 mm	0.0295	.75 mm	M1x.25 coarse
.7874 mm	0.031	#68	
			#0 Pilot, Hard-Wood #1 Pilot, Hard & Soft-Wood #2 Pilot, Soft-Wood
.7938 mm	0.03125	1/32"	
.8128 mm	0.032	#67	
.8382 mm	0.033	#66	
.85 mm	0.0335	.85 mm	M1.1x.25 coarse
.889 mm	0.035	#65	
.9144 mm	0.036	#64	
.9398 mm	0.037	#63	

.95 mm	0.0374	.95 mm	M1.2x.25 coarse
.9652 mm	0.038	#62	
.9906 mm	0.039	#61	
1 mm	0.0394	1 mm	
1.016 mm	0.04	#60	
1.0414 mm	0.041	#59	
1.0668 mm	0.042	#58	
1.0922 mm	0.043	#57	
1.1 mm	0.0433	1.1 mm	M1.4x.3 coarse
1.1811 mm	0.0465	#56	
1.1906 mm	0.046875	3/64"	#0-80 UNF#2 Pilot, Hard-wood, #3 Pilot, Soft-Wood #4 Pilot, Soft-Wood
1.25 mm	0.0492	1.25 mm	M1.6x.35 coarse
1.3 mm	0.0512	1.3 mm	M1.7x.35 coarse
1.3208 mm	0.052	#55	
1.397 mm	0.055	#54	
1.45 mm	0.0571	1.45 mm	M1.8x.35 coarse
1.5 mm	0.0591	1.5 mm	
1.5113 mm	0.0595	#53	#1-64 UNC, #1-72 UNF
1.5875 mm	0.0625	1/16"	#0 Wood Shank Hole, #3 Pilot, Hard-Wood, #4 Pilot, Hard-wood #5 Pilot, Soft-wood, #6 Pilot, Soft-wood, #7 Pilot, Soft-wood
1.6 mm	0.063	1.6 mm	M2x.4 coarse
1.6129 mm	0.0635	#52	
1.7018 mm	0.067	#51	
1.75 mm	0.0689	1.75 mm	M2.2x.45 coarse
1.778 mm	0.07	#50	#2-64 UNF, #2-56 UNC
1.8542 mm	0.073	#49	
1.9304 mm	0.076	#48	
1.9844 mm	0.078125	5/64"	#1 Wood Shank Hole#5 Pilot, Hard-wood, #6 Pilot, Hard-wood #8 Pilot, Soft-wood, #9 Pilot, Soft-wood
1.9939 mm	0.0785	#47	#3-48 UNC
2 mm	0.0787	2 mm	
2.05 mm	0.0807	2.05 mm	M2.5x.45 coarse
2.0574 mm	0.081	#46	
2.0828 mm	0.082	#45	#3-56 UNF
2.1844 mm	0.086	#44	
2.2606 mm	0.089	#43	#4-40 UNC
2.3749 mm	0.0935	#42	#4-48 UNF
2.3813 mm	0.09375	3/32"	#2 Wood Shank Hole, #7 Pilot, Hard-wood, #8 Pilot, Hard-wood, #10 Pilot, Soft-wood, #11 Pilot, Soft-wood
2.4384 mm	0.096	#41	
2.4892 mm	0.098	#40	
2.5 mm	0.0984		M3x.5 coarse
2.5273 mm	0.0995	#39	
2.5781 mm	0.1015	#38	#5-40 UNC
2.6416 mm	0.104	#37	#5-44 UNF
2.7051 mm	0.1065	#36	#6-32 UNC

2.7781 mm	0.109375	7/64"	#3 Wood Shank Hole, #4 Wood Shank Hole, #9 Pilot, Hard-wood #10 Pilot, Hard-wood, #12 Pilot, Soft-wood, #14 Pilot, Soft-wood
2.794 mm	0.11	#35	
2.8194 mm	0.111	#34	
2.8702 mm	0.113	#33	#6-40 UNF
2.9 mm	0.1142		M3.5x.6 coarse
2.9464 mm	0.116	#32	
3 mm	0.1181	3 mm	
3.048 mm	0.12	#31	
3.175 mm	0.125	1/8"	#5 Wood Shank Hole, #11 Pilot, Hard-wood, #12 Pilot, Hard-wood
3.2639 mm	0.1285	#30	
3.3 mm	0.1299	3.3 mm	M4x.7 coarse
3.4544 mm	0.136	#29	#8-32 UNC, #8-36 UNF
3.5 mm	0.1378	3.5 mm	M4x.5 Fine
3.5687 mm	0.1405	#28	
3.5719 mm	0.140625	9/64"	#6 Wood Shank Hole, #14 Pilot, Hard-wood, #16 Pilot, Soft-wood #18 Pilot, Soft-wood
3.6 mm	0.1417	3.6 mm	M4x.35 Fine
3.6576 mm	0.144	#27	
3.7 mm	0.1457	3.7 mm	M4.5x.75 coarse
3.7338 mm	0.147	#26	
3.7973 mm	0.1495	#25	#10-24 UNC
3.8608 mm	0.152	#24	
3.9116 mm	0.154	#23	
3.9688 mm	0.15625	5/32"	#7 Wood Shank Hole, #16 Pilot, Hard-wood
3.9878 mm	0.157	#22	
4 mm	0.1575	4 mm	
4.0386 mm	0.159	#21	#10-32 UNF
4.0894 mm	0.161	#20	
4.2 mm	0.1654	4.2 mm	M5x.8 coarse
4.2164 mm	0.166	#19	
4.3053 mm	0.1695	#18	
4.3656 mm	0.171875	11/64"	#8 Wood Shank Hole, #20 Pilot, Soft-wood
4.3942 mm	0.173	#17	#12-24 UNC
4.4958 mm	0.177	#16	
4.5 mm	0.1772	4.5 mm	M5x.5 Fine
4.572 mm	0.18	#15	#12-28 UNF
4.6228 mm	0.182	#14	
4.699 mm	0.185	#13	
4.7625 mm	0.1875	3/16"	#9 Wood Shank Hole, #10 Wood Shank Hole, #18 Pilot, Hardwood
4.8006 mm	0.189	#12	
4.8514 mm	0.191	#11	
4.9149 mm	0.1935	#10	
4.9784 mm	0.196	# 9	
5 mm	0.1969	5 mm	M6x1 coarse
5.0546 mm	0.199	# 8	

5.1054 mm	0.201	# 7	1/4"-20 UNC
5.1594 mm	0.203125	13/64"	#11 Wood Shank Hole, #20 Pilot, Hard-wood
5.1816 mm	0.204	# 6	
5.2197 mm	0.2055	# 5	
5.25 mm	0.2067	5.25 mm	M6x.75 Fine
5.3086 mm	0.209	# 4	
5.4102 mm	0.213	# 3	1/4"-28 UNF
5.5 mm	0.2165	5.5 mm	M6x.5 Fine
5.5563 mm	0.21875	7/32"	#12 Wood Shank Hole
5.6134 mm	0.221	# 2	
5.7912 mm	0.228	# 1	
5.9436 mm	0.234	A	
5.9531 mm	0.234375	15/64"	
6 mm	0.2362	6 mm	M7x1 coarse
6.0452 mm	0.238	B	
6.1468 mm	0.242	C	
6.2484 mm	0.246	D	1/16"-27 NPT
6.25 mm	0.2461	6.25 mm	M7x.75 Fine
6.35 mm	0.25	1/4"	#14 Wood Shank Hole
6.35 mm	0.25	E	
6.5 mm	0.2559	6.5 mm	
6.5278 mm	0.257	F	5/16"-18 UNC
6.6294 mm	0.261	G	
6.7469 mm	0.265625	17/64"	#16 Wood Shank Hole
6.7564 mm	0.266	H	
6.8 mm	0.2677	6.8 mm	M8x1.25 coarse
6.9088 mm	0.272	I	5/16"-24 UNF
7 mm	0.2756	7 mm	M8x.5 Fine
7.0358 mm	0.277	J	
7.1374 mm	0.281	K	
7.1438 mm	0.28125	9/32"	
7.25 mm	0.2854	7.25 mm	M8x.75 Fine
7.366 mm	0.29	L	
7.493 mm	0.295	M	
7.5 mm	0.2953	7.5 mm	M8x1 Fine
7.5406 mm	0.296875	19/64"	#18 Wood Shank Hole
7.6708 mm	0.302	N	
7.8 mm	0.3071	7.8 mm	M9x1.25 coarse
7.9375 mm	0.3125	5/16"	3/8"-16 UNC
8 mm	0.315	8 mm	M9x1 Fine
8.0264 mm	0.316	O	
8.2042 mm	0.323	P	
8.3344 mm	0.328125	21/64"	#20 Wood Shank Hole
8.4328 mm	0.332	Q	3/8"-24 UNF
8.5 mm	0.3346	8.5 mm	M10x1.5 coarse
8.6106 mm	0.339	R	1/8"-27 NPT
8.7313 mm	0.34375	11/32"	
8.8 mm	0.3465	8.8 mm	M10x1.25 Fine
8.8392 mm	0.348	S	

9 mm	0.3543	9 mm	M10x1 Fine
9.0932 mm	0.358	T	7/16"-14 UNC
9.1281 mm	0.359375	23/64"	
9.25 mm	0.3642	9.25 mm	M10x.75 Fine
9.3472 mm	0.368	U	
9.5 mm	0.374	9.5 mm	M11x1.5 coarse
9.525 mm	0.375	3/8"	
9.5758 mm	0.377	V	
9.8044 mm	0.386	W	
9.9219 mm	0.390625	25/64"	7/16"-20 UNF
10 mm	0.3937	10 mm	M11x1 Fine
10.0838 mm	0.397	X	
10.2 mm	0.4016	10.2 mm	M12x1.75 coarse
10.2616 mm	0.404	Y	
10.3188 mm	0.40625	13/32"	
10.4902 mm	0.413	Z	
10.5 mm	0.4134	10.5 mm	M12x1.5 Fine
10.7156 mm	0.421875	27/64"	1/2"-13 UNC
11 mm	0.4331	11 mm	M12x1 Fine
11.1125 mm	0.4375	7/16"	1/4"-18 NPT
11.25 mm	0.4429	11.25 mm	M12x.75 Fine
11.5 mm	0.4528	11.5 mm	
11.5094 mm	0.453125	29/64"	1/2"-20 UNF
11.9063 mm	0.46875	15/32"	
12 mm	0.4724	12 mm	M14x2 coarse
12.3031 mm	0.484375	31/64"	9/16"-12 UNC
12.5 mm	0.4921	12.5 mm	M14x1.5 Fine
12.7 mm	0.5	1/2"	
12.8 mm	0.5039	12.8 mm	M14x1.25 Fine
13 mm	0.5118	13 mm	M14x1 Fine
13.0969 mm	0.515625	33/64"	9/16"-18 UNF
13.4938 mm	0.53125	17/32"	5/8"-11 UNC
13.5 mm	0.5315	13.5 mm	
13.8906 mm	0.546875	35/64"	
14 mm	0.5512	14 mm	M16x2 coarse
14.2875 mm	0.5625	9/16"	5/8"-18 UNF
14.5 mm	0.5709	14.5 mm	M16x1.5 Fine
14.6844 mm	0.578125	37/64"	3/8"-18 NPT
15 mm	0.5906	15 mm	M16x1 Fine
15.0813 mm	0.59375	19/32"	
15.4781 mm	0.609375	39/64"	
15.5 mm	0.6102	15.5 mm	M18x2.5 coarse
15.875 mm	0.625	5/8"	
16 mm	0.6299	16 mm	M18x2 Fine
16.2719 mm	0.640625	41/64"	3/4"-10 UNC
16.5 mm	0.6496	16.5 mm	
16.6688 mm	0.65625	21/32"	
17 mm	0.6693	17 mm	M18x1 Fine
17.0656 mm	0.671875	43/64"	

17.4625 mm	0.6875	11/16"	3/4"-16 UNF
17.5 mm	0.689	17.5 mm	M20x2.5 coarse
17.8594 mm	0.703125	45/64"	1/2"-14 NPT
18 mm	0.7087	18 mm	M20x2 Fine
18.2563 mm	0.71875	23/32"	
18.5 mm	0.7283	18.5 mm	M20x1.5 Fine
18.6531 mm	0.734375	47/64"	
19 mm	0.748	19 mm	M20x1 Fine
19.05 mm	0.75	3/4"	
19.4469 mm	0.765625	49/64"	7/8"-9 UNC
19.5 mm	0.7677	19.5 mm	M22x2.5 coarse
19.8438 mm	0.78125	25/32"	
20 mm	0.7874	20 mm	M22x2 Fine
20.2406 mm	0.796875	51/64"	
20.5 mm	0.8071	20.5 mm	M22x1.5 Fine
20.6375 mm	0.8125	13/16"	7/8"-14 UNF
21 mm	0.8268	21 mm	M24x3 coarseM22x1 Fine
21.0344 mm	0.828125	53/64"	
21.4313 mm	0.84375	27/32"	
21.5 mm	0.8465	21.5 mm	
21.8281 mm	0.859375	55/64"	
22 mm	0.8661	22 mm	M24x2 Fine
22.225 mm	0.875	7/8"	1"-8 UNC
22.5 mm	0.8858	22.5 mm	M24x1.5 Fine
22.6219 mm	0.890625	57/64"	
23 mm	0.9055	23 mm	
23.0188 mm	0.90625	29/32"	1"-12 UNF
23.4156 mm	0.921875	59/64"	3/4"-14 NPT
23.5 mm	0.9252	23.5 mm	
23.8125 mm	0.9375	15/16"	
24 mm	0.9449	24 mm	M27x3 coarse
24.2094 mm	0.953125	61/64"	
24.5 mm	0.9646	24.5 mm	M26x1.5 Fine
24.6063 mm	0.96875	31/32"	
25 mm	0.9843	25 mm	M27x2 Fine
25.0031 mm	0.984375	63/64"	1-1/8"-7 UNC
25.4 mm	1	1"	