

size	dia										
#60	0.0400	0-80									
#59	0.0410	0.060									
#58	0.0420	0.0465									
#57	0.0430	tap									
#56	0.0465	100%	1-64	1-72							
3/64"	0.0469	97%	0.073	0.073							
#55	0.0520	59%	0.0561	0.0580							
#54	0.0550	tap	tap	2-56							
#53	0.0595	clear	80%	90%	0.086	2-64					
1/16"	0.0625	0.0025	62%	70%	0.0667	0.086					
#52	0.0635	0.0035	56%	63%	tap	0.0691					
#51	0.0670	0.0070			98%	tap	3-48				
#50	0.0700	0.0100			83%	95%	0.099				
#49	0.0730	0.0130	clear	clear	67%	77%	0.0764	3-56			
#48	0.0760	0.0160	0.0030	0.0030	52%	59%	tap	0.099			
5/64"	0.0781		0.0051	0.0051	41%	47%	93%	0.0797	4-40		
#47	0.0785		0.0055	0.0055		44%	91%	tap	0.112		
#46	0.0810		0.0080	0.0080			80%	93%	0.0849	4-48	
#45	0.0820		0.0090	0.0090			75%	88%	tap	0.112	
#44	0.0860		0.0130	0.0130	clear	clear	58%	67%	96%	0.0894	
#43	0.0890	5-40			0.0030	0.0030	44%	52%	85%	tap	
#42	0.0935	0.125			0.0075	0.0075			68%	82%	
3/32"	0.0938	0.0979	5-44		0.0078	0.0078			67%	81%	
#41	0.0960	tap	0.125		0.0100	0.0100			59%	71%	
#40	0.0980	100%	0.1004	6-32	0.0120	0.0120	clear	clear	52%	62%	
#39	0.0995	94%	tap	0.138		0.0135	0.0005	0.0005	46%	55%	
#38	0.1015	87%	96%	0.1042		0.0155	0.0025	0.0025		47%	
#37	0.1040	78%	85%	tap	6-40		0.0050	0.0050			
#36	0.1065	68%	75%	93%	0.138		0.0075	0.0075			
7/64"	0.1094	58%	64%	85%	0.1109		0.0104	0.0104			
#35	0.1100	55%	61%	83%	tap		0.0110	0.0110			
#34	0.1110	52%	57%	80%	100%			0.0120	clear	clear	
#33	0.1130	44%	49%	74%	92%			0.0140	0.0010	0.0010	
#32	0.1160			65%	81%	8-32	8-36	0.0170	0.0040	0.0040	
#31	0.1200			53%	67%	0.164	0.164		0.0080	0.0080	
1/8"	0.1250	clear	clear		48%	0.1302	0.1339		0.0130	0.0130	
#30	0.1285	0.0035	0.0035			tap	tap		0.0165	0.0165	
#29	0.1360	0.0110	0.0110	clear	clear	83%	93%	10-24			
#28	0.1405	0.0155	0.0155	0.0025	0.0025	69%	78%	0.190			
9/64"	0.1406	0.0156	0.0156	0.0026	0.0026	69%	78%	0.1449			
#27	0.1440	0.0190	0.0190	0.0060	0.0060	59%	67%	tap			
#26	0.1470	0.0220	0.0220	0.0090	0.0090	50%	57%	95%	10-32		
#25	0.1495	0.0245	0.0245	0.0115	0.0115	43%	48%	90%	0.190		
#24	0.1520			0.0140	0.0140			84%	0.1562		
#23	0.1540			0.0160	0.0160			80%	tap		
5/32"	0.1563			0.0183	0.0183			75%	100%		
#22	0.1570			0.0190	0.0190			73%	98%		
#21	0.1590	12-24		0.0210	0.0210			69%	92%		
#20	0.1610	0.216		0.0230	0.0230	clear	clear	64%	86%		
#19	0.1660	0.1709				0.0020	0.0020	53%	71%		
#18	0.1695	tap	12-28			0.0055	0.0055	45%	61%		
11/64"	0.1719	98%	0.216			0.0079	0.0079	40%	54%		
#17	0.1730	95%	0.1773			0.0090	0.0090		50%		
#16	0.1770	86%	tap			0.0130	0.0130				
#15	0.1800	80%	93%	14-20		0.0160	0.0160				
#14	0.1820	75%	88%	0.242			0.0180				
#13	0.1850	69%	80%	0.1879			0.0210				
3/16"	0.1875	63%	74%	tap			0.0235				
#12	0.1890	60%	70%	98%			0.0250				

		12-24	12-28	14-20			8-36	10-24	10-32
		0.216	0.216	0.242			0.164	0.190	0.190
		0.1709	0.1773	0.1879			0.1339	0.1449	0.1562
size	dia	tap	tap	tap	14-24	1/4"-20	clear	clear	clear
#11	0.1910	55%	65%	94%	0.242	0.250	clear	clear	clear
#10	0.1935	50%	58%	90%	0.1969	0.1959	0.0270	0.0010	0.0010
#9	0.1960	44%	52%	85%	tap	tap	0.0295	0.0035	0.0035
#8	0.1990		44%	79%	95%	100%	0.0320	0.0060	0.0060
#7	0.2010			76%	91%	94%		0.0090	0.0090
13/64"	0.2031			72%	86%	87%	1/4"-28	0.0131	0.0131
#6	0.2040			70%	84%	85%	0.250	0.0140	0.0140
#5	0.2055			67%	81%	82%	0.2113	0.0155	0.0155
#4	0.2090			61%	73%	76%	tap	0.0190	0.0190
#3	0.2130	clear	clear	54%	64%	68%	96%	0.0230	0.0230
7/32"	0.2188	0.0028	0.0028	43%	52%	58%	81%	0.0288	0.0288
#2	0.2210	0.0050	0.0050		47%	54%	75%	0.0310	0.0310
#1	0.2280	0.0120	0.0120			41%	57%		
A	0.2340	0.0180	0.0180				41%		
15/64"	0.2344	0.0184	0.0184				40%		
B	0.2380	0.0220	0.0220						
C	0.2420	0.0260	0.0260	clear	clear			5/16"-18	
D	0.2460	0.0300	0.0300	0.0040	0.0040			0.313	
E	0.2500	0.0340	0.0340	0.0080	0.0080			0.2524	
1/4"	0.2500	0.0340	0.0340	0.0080	0.0080	clear	clear	tap	
F	0.2570	0.0410	0.0410	0.0150	0.0150	0.0070	0.0070	92%	5/16"-24
G	0.2610			0.0190	0.0190	0.0110	0.0110	86%	0.313
17/64"	0.2656			0.0236	0.0236	0.0156	0.0156	78%	0.2674
H	0.2660			0.0240	0.0240	0.0160	0.0160	77%	tap
I	0.2720			0.0300	0.0300	0.0220	0.0220	67%	90%
J	0.2770			0.0350	0.0350	0.0270	0.0270	59%	79%
K	0.2811				0.0391	0.0311	0.0311	52%	70%
9/32"	0.2813				0.0393	0.0313	0.0313	52%	69%
L	0.2900			3/8"-16	0.0480	0.0400	0.0400		50%
M	0.2950			0.375		0.0450	0.0450		
19/64"	0.2969			0.3073		0.0469	0.0469		
N	0.3020			tap					
5/16"	0.3125			92%	3/8"-24			clear	clear
O	0.3160			87%	0.375			0.0035	0.0035
P	0.3230			77%	0.3299			0.0105	0.0105
21/64"	0.3281			69%	tap			0.0156	0.0156
Q	0.3320			64%	95%			0.0195	0.0195
R	0.3390			53%	80%			0.0265	0.0265
11/32"	0.3438			46%	69%	7/16"-14		0.0313	0.0313
S	0.3480				60%	0.438		0.0355	0.0355
T	0.3580					0.3602		0.0455	0.0455
23/64"	0.3594					tap	7/16"-20	0.0469	0.0469
U	0.3680					90%	0.438	0.0555	0.0555
3/8"	0.3750			clear	clear	81%	0.3834		
V	0.3770			0.0020	0.0020	78%	tap		
W	0.3860			0.0110	0.0110	67%	95%		
25/64"	0.3906			0.0156	0.0156	61%	87%		
X	0.3970			0.0220	0.0220	52%	75%	1/2"-13	
Y	0.4040			0.0290	0.0290	43%	62%	0.500	
13/32"	0.4063			0.0313	0.0313	40%	58%	0.4167	1/2"-20
Z	0.4130			0.0380	0.0380		45%	tap	0.500
27/64"	0.4219	9/16"-12		0.0469	0.0469			94%	0.4459
7/16"	0.4375	0.563			0.0625	clear	clear	75%	tap
29/64"	0.4531	0.4723				0.0156	0.0156	56%	87%
15/32"	0.4688	tap				0.0313	0.0313		58%
31/64"	0.4844	87%				0.0469	0.0469		
1/2"	0.5000	69%				0.0625	0.0625		

		9/16"-12	9/16"-18			7/16"-14	7/16"-20	1/2"-13	1/2"-20
		0.563	0.563	5/8"-11		0.438	0.438	0.500	0.500
		0.4723	0.5024	0.625		0.3602	0.3834	0.4167	0.4459
		tap	tap	0.5266		clear	clear	clear	clear
33/64"	0.5156	52%	78%	tap	5/8"-18	0.0781	0.0781	0.0156	0.0156
17/32"	0.5313		52%	95%	0.625			0.0313	0.0313
35/64"	0.5469			79%	0.5649			0.0469	0.0469
9/16"	0.5625	clear	clear	64%	tap			0.0625	0.0625
37/64"	0.5781	0.0156	0.0156	48%	78%			0.0781	0.0781
19/32"	0.5938	0.0313	0.0313		52%	3/4"-10		0.0938	0.0938
39/64"	0.6094	0.0469	0.0469			0.750			
5/8"	0.6250	0.0625	0.0625	clear	clear	0.6417	3/4"-16		
41/64"	0.6406	0.0781	0.0781	0.0156	0.0156	tap	0.750		
21/32"	0.6563	0.0938	0.0938	0.0313	0.0313	87%	0.6823		
43/64"	0.6719	0.1094	0.1094	0.0469	0.0469	72%	tap		
11/16"	0.6875			0.0625	0.0625	58%	92%		
45/64"	0.7031			0.0781	0.0781	43%	69%	7/8"-9	
23/32"	0.7188			0.0938	0.0938		46%	0.875	
47/64"	0.7344			0.1094	0.1094			0.7547	
3/4"	0.7500					clear	clear	tap	7/8"-14
49/64"	0.7656					0.0156	0.0156	91%	0.875
25/32"	0.7813					0.0313	0.0313	78%	0.7977
51/64"	0.7969					0.0469	0.0469	65%	tap
13/16"	0.8125	1"-8				0.0625	0.0625	52%	81%
53/64"	0.8281	1				0.0781	0.0781		61%
27/32"	0.8438	0.8647				0.0938	0.0938		40%
55/64"	0.8594	tap	1"-12			0.1094	0.1094		
7/8"	0.8750	92%	1			0.1250	0.1250	clear	clear
57/64"	0.8906	81%	0.9098			0.1406	0.1406	0.0156	0.0156
29/32"	0.9063	69%	tap					0.0313	0.0313
59/64"	0.9219	58%	87%					0.0469	0.0469
15/16"	0.9375	46%	69%					0.0625	0.0625
61/64"	0.9531		52%					0.0781	0.0781
31/32"	0.9688							0.0938	0.0938
63/64"	0.9844							0.1094	0.1094
1"	1.0000							0.1250	0.1250

Bold tap sizes from *Machinery's Handbook*, 28th Ed, *Tapping*, tables 3 & 4, pp 1934-5
 Bold clearance holes from *Machinery's Handbook*, 28th Ed, *Tapping*, table 4, p 1935