

Tap Drill Chart: Close Fit Clearance Hole, All Materials – Microform Precision



Screw Thread Size	Major Diameter	Minor Diameter	Drill Size	Decimal Equivalent
12-24	0.216"	0.1649"	2	0.221"
12-28	0.216"	0.1722"	2	0.221"
12-32	0.216"	0.1777"	2	0.221"
10-24	0.19"	0.1389"	9	0.196"
10-32	0.19"	0.1517"	9	0.196"
8-32	0.164"	0.1257"	18	0.1695"
8-36	0.164"	0.1299"	18	0.1695"
6-32	0.138"	0.0997"	27	0.144"
6-40	0.138"	0.1073"	27	0.144"
5-40	0.125"	0.0943"	30	0.1285"
5-44	0.125"	0.0971"	30	0.1285"
4-40	0.112"	0.0813"	32	0.116"
4-48	0.112"	0.0864"	32	0.116"
3-48	0.099"	0.0734"	37	0.104"
3-56	0.099"	0.0771"	37	0.104"
2-56	0.086"	0.0641"	43	0.089"
2-64	0.086"	0.0668"	43	0.089"
1-64	0.073"	0.0538"	48	0.076"
1-72	0.073"	0.056"	48	0.076"
0-80	0.06"	0.0447"	52	0.0635"
1-8	1"	0.8466"	1-1/64"	1.0156"
1-12	1"	0.8978"	1-1/64"	1.0156"
1-20	1"	0.9387"	1-1/64"	1.0156"
7/16"-14	0.4375"	0.3499"	29/64"	0.4531"
7/16"-20	0.4375"	0.3762"	29/64"	0.4531"
7/16"-28	0.4375"	0.3937"	29/64"	0.4531"

1/2"-13	0.5"	0.4056"	33/64"	0.5156"
1/2"-20	0.5"	0.4387"	33/64"	0.5156"
1/2"-28	0.5"	0.4562"	33/64"	0.5156"
9/16"-12	0.5625"	0.4603"	37/64"	0.5781"
9/16"-18	0.5625"	0.4943"	37/64"	0.5781"
9/16"-24	0.5625"	0.5114"	37/64"	0.5781"
5/8"-11	0.625"	0.5135"	41/64"	0.6406"
5/8"-18	0.625"	0.5568"	41/64"	0.6406"
5/8"-24	0.625"	0.5739"	41/64"	0.6406"
11/16"-24	0.6875"	0.6364"	45/64"	0.7031"
3/4"-10	0.75"	0.6273"	49/64"	0.7656"
3/4"-16	0.75"	0.6733"	49/64"	0.7656"
3/4"-20	0.75"	0.6887"	49/64"	0.7656"
13/16"-20	0.8125"	0.7512"	53/64"	0.8281"
7/8"-9	0.875"	0.7387"	57/64"	0.8906"
7/8"-14	0.875"	0.7874"	57/64"	0.8906"
7/8"-20	0.875"	0.8137"	57/64"	0.8906"
15/16"-20	0.9375"	0.8762"	61/64"	0.9531"
1/4"-20	0.25"	0.1887"	F	0.257"
1/4"-28	0.25"	0.2062"	F	0.257"
1/4"-32	0.25"	0.2117"	F	0.257"
5/16"-18	0.3125"	0.2443"	P	0.323"
5/16"-24	0.3125"	0.2614"	P	0.323"
5/16"-32	0.3125"	0.2742"	P	0.323"
3/8"-16	0.375"	0.2983"	W	0.386"
3/8"-24	0.375"	0.3239"	W	0.386"
3/8"-32	0.375"	0.3367"	W	0.386"
http://www.mform.com/tap-drill-chart/				