

Tap Drill Chart: Tapped Hole Aluminum, Brass, Plastic – Microform Precision



Screw Thread Size	Major Diameter	Minor Diameter	Drill Size	Decimal Equivalent
1/4"-28	0.25"	0.2062"	3	0.213"
1/4"-20	0.25"	0.1887"	7	0.201"
12-32	0.216"	0.1777"	13	0.185"
12-28	0.216"	0.1722"	14	0.182"
12-24	0.216"	0.1649"	16	0.177"
10-32	0.19"	0.1517"	21	0.159"
10-24	0.19"	0.1389"	25	0.1495"
8-32	0.164"	0.1257"	29	0.136"
8-36	0.164"	0.1299"	29	0.136"
6-40	0.138"	0.1073"	33	0.113"
6-32	0.138"	0.0997"	36	0.1065"
5-44	0.125"	0.0971"	37	0.104"
5-40	0.125"	0.0943"	38	0.1015"
4-48	0.112"	0.0864"	42	0.0935"
4-40	0.112"	0.0813"	43	0.089"
3-56	0.099"	0.0771"	45	0.082"

3-48	0.099"	0.0734"	47	0.0785"
2-56	0.086"	0.0641"	50	0.07"
2-64	0.086"	0.0668"	50	0.07"
1-64	0.073"	0.0538"	53	0.0595"
1-72	0.073"	0.056"	53	0.0595"
3/4"-16	0.75"	0.6733"	11/16"	0.6875"
3/8"-32	0.375"	0.3367"	11/32"	0.3438"
7/8"-14	0.875"	0.7874"	13/16"	0.8125"
1-12	1"	0.8978"	15/16"	0.9375"
1/2"-28	0.5"	0.4562"	15/32"	0.4688"
5/8"-11	0.625"	0.5135"	17/32"	0.5312"
3/4"-10	0.75"	0.6273"	21/32"	0.6562"
7/16"-20	0.4375"	0.3762"	25/64"	0.3906"
1/2"-13	0.5"	0.4056"	27/64"	0.4219"
1/2"-20	0.5"	0.4387"	29/64"	0.4531"
0-80	0.06"	0.0447"	3/64"	0.0469"
9/16"-12	0.5625"	0.4603"	31/64"	0.4844"
9/16"-18	0.5625"	0.4943"	33/64"	0.5156"

9/16"-24	0.5625"	0.5114"	33/64"	0.5156"
5/8"-18	0.625"	0.5568"	37/64"	0.5781"
5/8"-24	0.625"	0.5739"	37/64"	0.5781"
11/16"-24	0.6875"	0.6364"	41/64"	0.6406"
3/4"-20	0.75"	0.6887"	45/64"	0.7031"
13/16"-20	0.8125"	0.7512"	49/64"	0.7656"
7/8"-9	0.875"	0.7387"	49/64"	0.7656"
3/8"-16	0.375"	0.2983"	5/16"	0.3125"
7/8"-20	0.875"	0.8137"	53/64"	0.8281"
15/16"-20	0.9375"	0.8762"	57/64"	0.8906"
1-20	1"	0.9387"	61/64"	0.9531"
1/4"-32	0.25"	0.2117"	7/32"	0.2188"
5/16"-32	0.3125"	0.2742"	9/32"	0.2812"
5/16"-18	0.3125"	0.2443"	F	0.257"
5/16"-24	0.3125"	0.2614"	I	0.272"
3/8"-24	0.375"	0.3239"	Q	0.332"
7/16"-14	0.4375"	0.3499"	U	0.368"
7/16"-28	0.4375"	0.3937"	Y	0.404"

<http://www.mform.com/tap-drill-chart/>

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