

TAP DRILL SIZES

Tap Drill Sizes

Tap Size	Tap Drill Size	% of Thread	Tap Size	Tap Drill Size	% of Thread
0-80	56	74	3/8-24	Q	75
	3/64	71		8.50mm	70
1-64	54	81	7/16-14	U	75
	53	59	7/16-20	W	75
1-72	1.50mm	68		25/64	68
	53	67	1/2-13	27/64	75
2-56	51	74		11.00mm	64
	50	62	1/2-20	11.40mm	74
2-64	50	70		29/64	67
	49	56	9/16-12	15/32	84
3-48	48	78		31/64	69
	5/64	70	9/16-18	1/2	82
3-56	46	69		33/64	60
	45	56	5/8-11	17/32	76
4-40	44	74		35/64	63
	43	65	5/8-18	9/16	82
4-48	2.35mm	72		37/64	60
	42	61	11/16-11	19/32	75
5-40	39	71	11/16-16	5/8	75
	38	65	3/4-10	41/64	81
5-44	38	72		21/32	69
	37	63	3/4-16	11/16	72
6-32	36	72		17.50mm	70
	7/64	64	7/8-9	49/64	73
6-40	33	69		25/32	62
	32	60	7/8-14	51/64	79
8-32	3.40mm	74		13/16	62
	29	62	1-8	7/8	74
8-36	29	70		57/64	64
	9/64	60	1-12	29/32	82
10-24	3.70mm	76		59/64	68
	25	69	1-14	59/64	79
10-32	5/32	75		15/16	62
	21	68	1-1/8-7	63/64	73
12-24	11/64	75		I	65
	17	73	1-1/8-12	1-1/32	82
12-28	16	77		1-3/64	67
	15	70	1-1/4-7	1-3/32	81
1/4-20	9	77		1-7/64	73
	7	70		1-1/8	64
	13/64	66	1-1/4-12	1-5/32	81
1/4-28	3	70		1-11/64	67
	5.50mm	67	1-3/8-6	1-13/64	81
5/16-18	F	72		1-19/64	66
	G	66	1-3/8-12	1-9/32	81
5/16-24	6.80mm	78		1-19/64	66
	I	70	1-1/2-6	1-11/32	69
3/8-16	5/16	74		1-23/64	62
	0	69	1-1/2-12	1-13/32	80
				1-27/64	66

Metric Tap Drill Sizes

Tap Size	Tap Drill Size	% of Thread	Tap Size	Tap Drill Size	% of Thread
1.6x.35	1.25mm	69	9.0x1.25	7.75mm	73
1.8x.35	1.45mm	69	10x1.5	8.50mm	71
2.0x.4	1.60mm	69		Q	75
	52	66	10x1.25	8.70mm	73
2.2x.45	1.75mm	70		11/32	71
2.5x.45	2.05mm	69	11x1.5	9.50mm	70
	46	67		3/8	71
3.0x.5	2.50mm	68	12x1.75	10.20mm	74
	40	70		Y	71
3.5x.6	2.90mm	68	12x1.25	10.80mm	67
	33	72		27/64	72
4.0x.7	3.30mm	69	14x2.0	12.00mm	72
	30	73		15/32	76
4.5x.75	3.70mm	74	14x1.5	12.50mm	71
	26	70	16x2.0	14.00mm	72
5.0x.8	4.20mm	69		35/64	76
	19	68	16x1.5	14.50mm	71
5.5x.9	4.60mm	68	18x2.5	15.50mm	73
	14	67		39/64	74
6.0x.75	5.30mm	74	18x1.5	16.50mm	70
	4	73	20x2.5	17.50mm	73
6.0x1.0	5.00mm	70		11/16	74
	9	71	22x2.5	19.50mm	73
7.0x.75	6.30mm	74		49/64	75
	D	72	24x3.0	21.00mm	73
7.0x1.0	6.00mm	70		53/64	72
	15/64	73	27x3.0	24.00mm	73
8.0x1.25	6.70mm	74		15/16	78
	17/64	71	30x3.5	26.50mm	74
8.0x1.0	7.00mm	69		1-3/64	73
	J	66	33x3.5	29.50mm	74
				1-11/64	72

Pipe Tap Drill Sizes

Tap Size	NPT Tap Drill	NPS Tap Drill
1/16"-27	C	1/4
1/8"-27	Q	Q
1/4"-18	7/16	7/16
3/8"-18	9/16	37/64
1/2"-14	45/64	45/64
3/4"-14	29/32	59/64
1"-11 1/2	1-9/64	1-5/32
1-1/4"-11 1/2	1-31/64	1-1/2
1-1/2"-11 1/2	1-23-32	1-47/64
2"-11 1/2	2-3/16	2-13/64
2-1/2"-8	2-5/8	2-21/32