

Metric Tap and Clearance Drill Sizes

METRIC		Tap Drill				Clearance Drill			
		75% Thread for Aluminium, Brass & Plastics		50% Thread for Steel, Stainless & Iron		Close Fit		Standard Fit	
Screw Size (mm)	Thread Pitch (mm)	Drill Size (mm)	Closest (inch)	Drill Size (mm)	Closest (inch)	Drill Size (mm)	Closest (inch)	Drill Size (mm)	Closest (inch)
M1.5	0.35	1.15	56	1.25	55	1.60	1/16	1.65	52
M1.6	0.35	1.25	55	1.35	54	1.70	51	1.75	50
M1.8	0.35	1.45	53	1.55	1/16	1.90	49	2.00	5/64
M2	0.45	1.55	1/16	1.70	51	2.10	45	2.20	44
	0.40	1.60	52	1.75	50				
M2.2	0.45	1.75	50	1.90	48	2.30	3/32	2.40	41
M2.5	0.45	2.05	46	2.20	44	2.65	37	2.75	7/64
M3	0.60	2.40	41	2.60	37	3.15	1/8	3.30	30
	0.50	2.50	39	2.70	36				
M3.5	0.60	2.90	32	3.10	31	3.70	27	3.85	24
M4	0.75	3.25	30	3.50	28	4.20	19	4.40	17
	0.70	3.30	30	3.50	28				
M4.5	0.75	3.75	25	4.00	22	4.75	13	5.00	9
M5	1.00	4.00	21	4.40	11/64	5.25	5	5.50	7/32
	0.90	4.10	20	4.40	17				
	0.80	4.20	19	4.50	16				
M5.5	0.90	4.60	14	4.90	10	5.80	1	6.10	B
M6	1.00	5.00	8	5.40	4	6.30	E	6.60	G
	0.75	5.25	4	5.50	7/32				
M7	1.00	6.00	8	6.40	E	7.40	L	7.70	N
	0.75	6.25	D	6.50	F				
M8	1.25	6.80	H	7.20	J	8.40	Q	8.80	S
	1.00	7.00	J	7.40	L				
M9	1.25	7.80	N	8.20	P	9.50	3/8	9.90	25/64
	1.00	8.00	O	8.40	21/64				
M10	1.50	8.30	R	9.00	T	10.50	Z	11.00	7/16
	1.25	8.80	11/32	9.20	23/64				
	1.00	9.00	T	9.40	U				
M11	1.50	9.50	3/8	10.00	X	11.60	29/64	12.10	15/32
M12	1.75	10.30	13/32	10.90	27/64	12.60	1/2	13.20	33/64
	1.50	10.50	2	11.00	7/16				
	1.25	10.80	27/64	11.20	7/16				
M14	2.00	12.10	15/32	12.70	1/2	14.75	37/64	15.50	39/64
	1.50	12.50	1/2	13.00	33/64				
	1.25	12.80	1/2	13.20	33/64				
M15	1.30	13.80	17/32	14.00	35/64	15.75	5/8	16.50	21/32
M16	2.00	14.00	35/64	14.75	37/64	16.75	21/32	17.50	11/16
	1.50	14.50	37/64	15.00	19/32				
M17	1.50	15.50	39/64	16.00	5/8	18.00	45/64	18.50	47/64
M18	1.00	15.50	39/64	16.50	41/64	19.00	3/4	20.00	53/32
	1.50	16.00	5/8	16.75	21/32				
	1.75	16.50	21/32	17.00	43/64				
	2.50	15.00	19/32	15.50	39/64				
M19	1.50	16.50	21/32	17.50	11/16	20.00	25/32	21.00	53/64
M20	1.25	17.50	11/16	18.50	23/32	21.00	53/64	22.00	55/64
	2.00	18.00	45/64	18.50	47/64				
	1.50	18.50	47/64	19.00	3/4				
	2.50	17.00	43/64	17.50	11/16				