

SMALL SCREW SIZES

(Second preference sizes are shown in *italics*)

METRIC				BA				UNF						UNC						BSW						BSF					
Thread		Drill		Thread		Drill		Thread			Drill			Thread			Drill			Thread			Drill			Thread		Drill			
Size	Pitch	Tap	Clear	Size	Pitch	Tap	Clear	Size		Pitch	Tap	Clear	Size		Pitch	Tap	Clear	Size		Pitch	Tap	Clear	Size		Pitch	Tap	Clear				
mm	mm	mm	mm	No	mm	mm	mm	No	mm	inch	tpi	mm	mm	No	mm	inch	tpi	mm	mm	inch	mm	mm	inch	mm	tpi	mm	mm				
0.3	0.08	0.22	0.32																												
0.4	0.10	0.30	0.42																												
0.5	0.125	0.38	0.55					0000	0.53	0.021	160	0.42	0.58																		
0.6	0.15	0.45	0.65																												
0.8	0.20	0.60	0.85					000	0.86	0.034	120	0.70	0.92																		
1.0	0.25	0.75	1.05	14	1.0	0.23	0.80	1.10																							
1.2	0.25	0.95	1.25	12	1.3	0.28	1.05	1.40	00	1.19	0.047	90	0.98	1.25																	
1.4	0.30	1.10	1.45																												
1.6	0.35	1.25	1.65						0	1.52	0.060	80	1.25	1.60																	
				10	1.7	0.35	1.40	1.75																							
1.8	0.35	1.45	1.85						1	1.85	0.073	72	1.55	1.95	1	1.85	0.073	64	1.55	1.95											
				9	1.9	0.39	1.55	1.95																							
2.0	0.40	1.60	2.05																												
2.2	0.45	1.75	2.25	8	2.2	0.43	1.80	2.25	2	2.18	0.086	64	1.90	2.30	2	2.18	0.086	56	1.85	2.30											
2.5	0.45	2.05	2.60	7	2.5	0.48	2.05	2.60	3	2.51	0.099	56	2.15	2.65	3	2.51	0.099	48	2.10	2.65	3/32	2.38	48	1.90	2.45						
				6	2.8	0.53	2.30	2.90	4	2.84	0.112	48	2.40	2.95	4	2.84	0.112	40	2.35	2.95											
3.0	0.50	2.50	3.10	5	3.2	0.59	2.65	3.30	5	3.18	0.125	44	2.70	3.30	5	3.18	0.125	40	2.65	3.30	1/8	3.18	40	2.50	3.30						
3.5	0.60	2.90	3.60						6	3.51	0.138	40	2.95	3.60	6	3.51	0.138	32	2.85	3.60											
4.0	0.70	3.30	4.10	4	3.6	0.66	3.00	3.70																							
				3	4.1	0.73	3.40	4.20																							
4.5	0.75	3.70	4.60						8	4.17	0.164	36	3.50	4.30	8	4.17	0.164	32	3.50	4.30											
				2	4.7	0.81	4.00	4.80																							
5.0	0.80	4.20	5.10						10	4.83	0.190	32	4.10	4.90	10	4.83	0.190	24	3.90	4.90	3/16	4.76	24	3.70	4.90	3/16	4.76	32	4.00	4.90	
				1	5.3	0.90	4.50	5.40																							
6.0	1.00	5.00	6.10	0	6.0	1.00	5.10	6.10	12	5.49	0.216	28	4.70	5.60	12	5.49	0.216	24	4.50	5.60	7/32	5.56	24	4.50	5.70	7/32	5.56	28	4.60	5.70	

PITCH COMPARISON

(Standard pitches are **bold**)

t.p.i	mm	t.p.i	mm	t.p.i	mm	t.p.i	mm	t.p.i	mm	t.p.i	mm	t.p.i	mm
317.5	0.08	160	0.1587	90	0.2822	64	0.3968	50.80	0.5	36.28	0.7	25.4	1
254.0	0.10	127.0	0.20	80	0.3175	63.50	0.4	48	0.5291	36	0.7055	24	1.0583
203.2	0.125	120	0.2116	72.57	0.35	56.44	0.45	44	0.5772	32	0.7937	20	1.2700
169.3	0.15	101.6	0.25	72	0.3577	56	0.4535	40	0.6350	31.75	0.8		