

Screw Thread Chart



**Precision
Technology
Supplies Ltd**

			British			American			Metric				
			B S W	B S F	B A	U N C	U N F	U N E F	M I S O	M I S O			
			W h i t w o r t h	F i n e	B A R S I T O C I S H A T I O N	C o a r s e	F i n e	E x t r a F i n e	C o a r s e	F i n e			
Major diameter of Thread In mm			Threads Per Inch		BA No	Pitch MM	Threads per Inch			Pitch in mm			
	0.0394	1.0	S i z e s I n d S t a n d a r d s		14	0.23				0.25	0.2		
	0.0433	1.1								0.25	0.2		
	0.0472	1.2			13	0.25				0.25	0.2		
	0.0512	1.3			12	0.28							
	0.0551	1.4								0.3	0.2		
0.0591	1.5			11	0.31								
No 0	0.06	1.524						80					
	0.063	1.6								0.35	0.2		
	0.0669	1.7			10	0.35				0.35	0.2		
	0.0709	1.8											
No 1	0.073	1.854				64	72						
	0.0748	1.9		9	0.39								
	0.0787	2.0							0.4	0.25			
No 2	0.086	2.184				56	64						
	0.0866	2.2		8	0.43				0.45	0.25			
	0.0906	2.3											
3/32	0.0938	2.387	(48)										
	0.0984	2.5		7	0.48				45	0.35			
	0.099	2.515				48	56						
No 3	0.099	2.515											
	0.1024	2.6											
	0.1102	2.8		6	0.53								
No 4	0.112	2.845				40	48						
	0.1181	3.0							0.5	0.35			
	0.125	3.175				40	44						
	0.126	3.2		5	0.59				0.6				
	0.1378	3.5											
No 6	0.138	3.505				32	40						
	0.1417	3.6		4	0.66								
	0.151	3.835											
No 7	0.151	3.835											
5/32	0.1562	3.969	(32)										
	0.1575	4.0							0.7	0.5			
	0.1614	4.1		3	0.73								
No 8	0.164	4.166				32	36						
No 9	0.177	4.496											
	0.1772	4.5											
	0.185	4.7		2	0.81								
3/16	0.1875	4.8	24	32									
No 10	0.19	4.826				24	32						
	0.1969	5.0							0.8	0.5			
	0.2087	5.3		1	0.9								
No 12	0.216	5.486				24	28	32					
	0.2165	5.5											
	7/32	0.2187	5.556	(24)	28								

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			W h i t w o r t h	F i n e	B A R S I T O C I S I A T I O N	C o a r s e	F i n e	E x t r a F i n e	C o a r s e	F i n e			
Major diameter of Thread In mm			Threads Per Inch		BA No	Pitch MM	Threads per Inch			Pitch in mm			
	0.2362	6.0			0	1.0				1.0	0.75		
1/4	0.25	6.35					20	28	32				
	0.2756	7.0								1.0	0.75		
9/32	0.2813	7.144	(20)	28									
5/16	0.3125	7.938					18	24	32				
	0.315	8.0								1.25	1.0	0.75	
	0.3543	9.0								1.25	1.0	0.75	
3/8	0.375	9.525											
	0.3937	10.0								1.5	1.25	1.0	0.75
7/16	0.4375	11.112	14	18			14	20	28				
	0.4724	12.0								1.75	1.5	1.25	1.0
1/2	0.5	12.7	12	16			13	20	28				
	0.5512	14.0								2.0	1.5	1.25	1.0
9/16	0.5625	14.288	12	16			12	18	24				
5/8	0.625	15.875	11	14			11	18	24				
	0.6299	16.0								2.0	1.5	1.0	
11/16	0.6875	17.462	11	14					24				
	0.7087	18.0								2.5	2.0	1.5	1.0
3/4	0.75	19.05	10	12			10	16	20				
	0.7874	20.0								2.5	2.0	1.5	1.0
13/16	0.8125	20.638	(10)	14					20				
	0.8661	22.0								2.5	2.0	1.5	1.0
7/8	0.875	22.225	9	11			9	14	20				
15/16	0.9375	23.812	(9)						20				
	0.9449	24.0								3.0	2.0	1.5	1.0
31/32	0.9687	24.606											
	0.9843	25.0									2.0	1.5	1.0
1	1.0	25.4	8	10			8	12	20				
	1.063	27.000								3.0	2.0	1.5	1.0
1.1/8	1.125	28.575	7	9			7	12	18				
	1.1811	30.0								3.5	3.0	2.0	1.5
1.1/4	1.25	31.750	7	9			7	12					
	1.2992	33.0								3.5	3.0	2.0	1.5
1.3/8	1.375	34.925	(6)	8			6	12					
	1.4173	36.0								4.0	3.0	2.0	1.5
1.1/2	1.5	38.1	6	8			6	12					
	1.5354	39.0								4.0	3.0	2.0	1.5
	1.5748	40.0									3.0	2.0	1.5
1.5/8	1.625	41.275	(5)	8									
	1.6535	42.0								4.5	4.0	3.0	2.0
1.3/4	1.75	44.45	5	7			5						
	1.7717	45.0								4.5	4.0	3.0	2.0