

Thread Size Comparison Chart

Inch and Metric

Tableau de comparaison des diamètres de filets

Pouce et Métrique

THREAD SIZE COMPARISON CHART															
Comparisons are for size only. Do not substitute without proper engineering evaluation.															
Major Dia.		Dia. Size Gauge	NORTH AMERICAN					METRIC			Dia. Size Gauge	BRITISH			
Inch	mm		No. of Threads/Inch					Dia. mm	Thread Pitch in mm			No. of Threads/Inch			
			UNC	UNF	UNEF	UNM	NPT		Coarse	Fine	BA	BSW	BSF	BSP	
.0118	0.30	0.30 mm				318									
.0138	0.35	0.35 mm				282									
.0157	0.40	0.40 mm				254									
.0177	0.45	0.45 mm				254									
.0189	0.48										20	211-3/4			
.0197	0.50	0.50 mm				203									
.0209	0.53	0000		160							19	181-1/2			
.0213	0.54														
.0217	0.55	0.55 mm				203									
.0236	0.60	0.60 mm				169									
.0244	0.62										18	169-1/4			
.0276	0.70	0.70 mm				145					17	149-1/2			
.0311	0.79										16	133-3/4			
.0315	0.80	0.80 mm				127									
.0340	0.86	000		120											
.0354	0.90	0.90 mm				113					15	121			
.0394	1.0	1.00 mm				102		M1	0.25	0.2	14	110-1/2			
.0433	1.10	1.10mm				102									
.0470	1.19	00		90	96										
.0472	1.20	1.20 mm				102		M1.2	0.25	0.2	13	101-1/2			
.0512	1.30										12	90-3/4			
.0551	1.40	1.40 mm				85		M1.4	0.3	0.2					
.0591	1.50							M1.5	0.3		11	82			
.0600	1.52	0		80											
.0629	1.60							M1.6	0.35	0.2					
.0669	1.70							M1.7	0.35	0.2, 0.25	10	72-1/2			
.0709	1.80							M1.8	0.35	0.2					
.0730	1.85	1	64	72											
.0748	1.90										9	65			
.0787	2.00							M2	0.40	0.25, 0.35					
.0860	2.18	2	56	64											
.0866	2.20							M2.2	0.45		8	59			
.0906	2.30							M2.3	0.4	.025, 0.35					
.0984	2.50							M2.5	0.45	0.35	7	53			
.0990	2.51														
.1024	2.60							M2.6	0.45	0.25, 0.35					
.1102	2.80										6	48			
.1120	2.84	4	40	48											
.1181	3.00							M3	0.5	0.35					
.1250	3.18	5	40	44							1/8"		40		
.1260	3.20										5	43			
.1380	3.50	6	32	40				M3.5	0.6	0.35					
.1417	3.60										4	38-1/2			
.1575	4.00							M4	0.7	0.5					
.1614	4.10										3	34-3/4			
.1640	4.17	8	32	36				M4.5	0.75						
.1772	4.50										2	31-3/4			
.1850	4.70														
.1875	4.76										3/16"		24	32	
.1900	4.83	10	24	32							1	28-1/4			
.1969	5.00							M5	0.8	0.5					
.2087	5.30														
.2160	5.49	12	24	28	32										
.2188	5.56										7/32"			28	
.2362	6.00							M6	1.0	0.75	0	25-1/2			
.2500	6.35	1/4"	20	28	32						1/4"	20	26		
.2756	7.00							M7	1.0						
.2812	7.14										9/32"			26	
.3125	7.94	5/16"	18	24	32						5/16"	18	22		
.3125	7.94	1/16"					27								
.3150	8.00							M8	1.25	1.0					
.3543	9.00							M9	1.25				16	20	
.3750	9.53	3/8"	16	24	32						3/8"				
.3830	9.73										1/8"				28
.3937	10.00														
.4050	10.29	1/8"					27	M10	1.5	1.25					
.4331	11.00							M11	1.5	1.0					
.4375	11.11	7/16"	14	20	28						7/16"		14	18	
.4724	12.00							M12	1.75	1.25, 1.5					
.5000	12.70	1/2"	13	20	28						1/2"		12	16	
.5180	13.16										1/4"				19
.5400	13.72	1/4"					18								
.5512	14.00							M14	2.0	1.5					

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