

Thread Size Comparison

METRIC PRODUCTS							UNIFIED INCH PRODUCTS				B.S. INCH PRODUCTS					
SIZE	THREAD PITCH & T.P.I.				Major Dia		SIZE	T.P.I.		Major Dia (inch)	SIZE	T.P.I.		Major Dia (inch)	T.P.I.	Major Dia (inch)
	COARSE		FINE					UNC	UNF			BSW	BSF		BA	
	PITCH (mm)	T.P.I.	PITCH (mm)	T.P.I.	mm	inch										
M3	0.50	51	-	-	3.00	0.118	#5	40	44	0.125	1/8	40	-	0.125		
							#6	32	40	0.138	5 BA 4 BA				43.1 38.5	0.126 0.142
M4 M5	0.70 0.80	36 32	-	-	4.00 5.00	0.157 0.197	#8 #10	32 24	36 32	0.164 0.190	3 BA 3/16	24	32	0.187	34.8	0.161
											2 BA 1 BA				31.3 28.2	0.185 0.209
M6	1.0	25	-	-	6.00	0.236	1/4	20	28	0.250	1/4 0 BA	20	26	0.250	25.4	0.236
M8 M10	1.25 1.50	20 17	1.00 1.25	25 20	8.00 10.00	0.315 0.394	5/16 3/8	18 16	24 24	0.313 0.375	5/16 3/8	18 16	22 20	0.313 0.375		
M12	1.75	14.5	1.25	20	12.00	0.472	1/2	13	20	0.500	7/16 1/2	14 12	18 16	0.438 0.500		
(M14) M16	2.00 2.00	12.5 12.5	1.50 1.50	17 17	14.00 16.00	0.551 0.630	5/8	11	18	0.625	5/8	11	14	0.625		
(M18) M20 (M22)	2.50 2.50 2.50	10 10 10	1.50 1.50 1.50	17 17 17	18.00 20.00 22.00	0.709 0.787 0.866	3/4 7/8	10 9	16 14	0.750 0.875	3/4 7/8	10 9	12 11	0.750 0.875		
M24	3.00	8.5	2.00	13	24.00	0.945	1 1 1/8	8 7	12 12	1.000 1.125	1 1 1/8	8 7	10 9	1.000 1.125		
(M27) M30	3.00 3.50	8.50 7.25	2.00 2.00	13 13	27.00 30.00	1.063 1.181	1 1/4	7	12	1.250	1 1/4	7	9	1.250		
(M33) M36	3.50 4.00	7.25 6.40	2.00 3.00	13 8.5	33.00 36.00	1.299 1.417	1 1/2	6	12	1.500	1 1/2	6	8	1.500		
(M39) M42	4.00 4.50	6.40 5.60	3.00 3.00	8.5 8.5	39.00 42.00	1.535 1.653										

Note : Sizes in brackets are non-preferred standards.