



## Thread: Pitch

Thread pitches P in mm for

Threadturn count per inch for

ISO-metric coarse pitch thread M  
 ISO-metric fine pitch thread M-F  
 Trapezoidal thread Tr

UNC coarse pitch thread  
 UNF fine pitch thread  
 BSW coarse pitch thread (Ww)  
 BSF fine pitch thread  
 Whitworth pipe thread

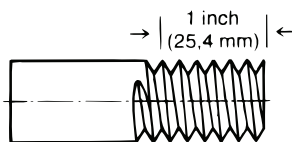
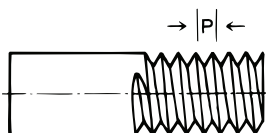


Table 6:

Thread Ø		Pitch P					Thread Ø			Number G (per 1 inch)				
M	Tr	M	M-F	M-F2	M-F3	Tr	UNC/UNF No.	Inch	= mm	UNC (NC)	UNF (NF)	BSW (Ww C)	BSF (Ww F)	R, G Rp
1		0.25	0.2				0		1.524	-	80	-	-	
1.2		0.25	0.2				1		1.854	64	72	-	-	
1.4		0.3	0.2				2		2.184	56	64	-	-	
1.6		0.35	0.2				3		2.515	48	56	-	-	
1.8		0.35	0.2				4		2.845	40	48	-	-	
2		0.4	0.25				5		3.175	40	44	-	-	
2.2		0.45	0.25				6		3.505	32	40	-	-	
2.5		0.45	0.35				8		4.166	32	36	-	-	
3		0.5	0.35				10		4.826	24	32	-	-	
3.5		0.6	0.35				12		5.486	24	28	-	-	
4		0.7	0.5					1/8	3.175	-	-	40	-	28
5		0.8	0.5					5/32	3.969	-	-	32	-	-
6		1	0.75	0.5				3/16	4.763	-	-	24	32	-
8	8	1.25	1	0.75	0.5	1.5		7/32	5.556	-	-	24	28	-
10	10	1.5	1.25	1	0.75	2 1.5		1/4	6.35	20	28	20	26	19
12	12	1.75	1.5	1.25	1	3		5/16	7.938	18	24	18	22	-
14	14	2	1.5	1.25	1	4 3 2		3/8	9.525	16	24	16	20	19
16	16	2	1.5		1	4		7/16	11.113	14	20	14	18	-
18	18	2.5	2	1.5	1	4		1/2	12.70	13	20	12	16	14
20	20	2.5	2	1.5	1	4		9/16	14.288	12	18	12	16	-
22	22	2.5	2	1.5	1	8 5 3		5/8	15.875	11	18	11	14	14
24	24	3	2	1.5	1	8 5 3		3/4	19.050	10	16	10	12	14
27	26/28	3	2	1.5	(1)	8 5 3		7/8	22.225	9	14	9	11	14
30	30	3.5	2	1.5	(1)	10 6 3		1	25.401	8	12	8	10	11
33	32/34	3.5	2	1.5		10 6		1 1/8	28.575	7*	12	7	9	11
36	36	4	3	2	1.5	10 6 3		1 1/4	31.75	7*	12	7	9	11
39	38/40	4	3	2	1.5	10 7 3		1 3/8	34.925	6*	12	6	8	11
42	42	4.5	(4) 3	2	1.5	10 7 3		1 1/2	38.10	6*	12	6	8	11
45	44/46	4.5	(4) 3		1.5	12 7/8		1 3/4	44.45	5*	12	5	7	11
48	48	5	(4) 3	2	1.5	12 8 3		2	50.802	4 1/2*	12	4 1/2	7	11
52	50/52	5	(4) 3	2	1.5	12 8 3		2 1/4	57.15	4 1/2*	-	4	-	11
56	55	5.5	4	3/2	1.5	14 9 3		2 1/2	63.50	4*	-	4	-	11
60	60	5.5	4	3/2	1.5	14 9 3		2 3/4	69.85	4*	-	3 1/2	-	11
64	65	6	4	3	2 (1.5)	16 10 4		3	76.20	4*	-	3 1/2	-	11
68	70	6	4	3	2 (1.5)	16 10 4		4	101.60	4*	-	3	-	11
Flank <		60°			30°			-		60°		55°		
With fine pitch thread, M-F insertion is preferred							* Studbolts Ø ≥ 1" = constant 8 threads/inch ** Pipe threads have a larger major diameter (→ Table 5)							