

Pitch tables

Table 51

Dim.			Pitch											
1st choice	2nd choice	3rd choice	Coarse	Fine										
				4	3	2	1,5	1,25	1	0,75	0,5	0,35	0,25	0,2
1			0,25											0,2
1,2	1,1		0,25											0,2
	1,4		0,25											0,2
1,6			0,3											0,2
2	1,8		0,35											0,2
			0,35											0,2
			0,4										0,25	
2,5	2,2		0,45										0,25	
3			0,45									0,35		
			0,5									0,35		
4	3,5		0,6								0,5			
	4,5		0,7								0,5			
			0,75								0,5			
5		5,5	0,8								0,5			
6			1							0,75				
8	7		1						1	0,75				
			1,25						1	0,75				
		9	1,25						1	0,75				
10		11	1,5					1,25	1	0,75				
12			1,5						1	0,75				
			1,75				1,5	1,25	1					
16	14	15	2				1,5	1,25*	1					
			2				1,5		1					
20	18	17	2,5			2	1,5		1					
			2,5			2	1,5		1					
24	22		2,5			2	1,5		1					
		25	3			2	1,5		1					
	27	26				2	1,5		1					
		28	3			2	1,5		1					
30					(3)	2	1,5		1					
	33	32	3,5		(3)	2	1,5							
36		35**				2	1,5							
		38	4		3	2	1,5							
	39		4		3	2	1,5							
		40			3	2	1,5							
42	45		4,5	4	3	2	1,5							
			4,5	4	3	2	1,5							
48		50	5	4	3	2	1,5							
				4	3	2	1,5							
	52		5	4	3	2	1,5							
		55		4	3	2	1,5							
56		58	5,5	4	3	2	1,5							
				4	3	2	1,5							
	60		5,5	4	3	2	1,5							
		62		4	3	2	1,5							
64			6	4	3	2	1,5							

\* Only for ignition plugs.  
\*\* Only for mounting in roller bearings.  
Split 3 for diameter 30 and 33 should be avoided.

The most common pitches of thread for screws and nuts are marked with bold text.

Source: SS-ISO 261/262.

Table 52 Whitworth (55°)

Dim.	mm	Number of threads/inch			
		BSW	BSF	BSP/BSPF (R) Ø mm	
1/16	1,588	60	—	—	
3/32	2,382	48	—	—	
1/8	3,175	40	—	28	9,73
5/32	3,970	32	—	—	
3/16	4,763	24	32	—	
7/32	5,556	24	28	—	
1/4	6,350	20	26	19	13,16
9/32	7,142	20	26	—	
5/16	7,938	18	22	—	
3/8	9,525	16	20	19	16,66
7/16	11,113	14	18	—	
1/2	12,700	12	16	14	20,96
9/16	14,288	12	16	—	
5/8	15,875	11	14	14	22,91
11/16	17,463	11	14	—	
3/4	19,051	10	12	14	26,44
13/16	20,638	10	12	—	
7/8	22,226	9	11	14	30,20
15/16	23,813	9	11	—	
1	25,401	8	10	11	33,25
1 1/8	28,576	7	9	—	
1 1/4	31,751	7	9	11	41,91
1 3/8	34,926	6	8	—	
1 1/2	38,101	6	8	11	47,80
1 5/8	41,277	5	8	—	
1 3/4	44,452	5	7	11	53,75
1 7/8	47,627	4 1/2	7	—	
2	50,802	4 1/2	7	11	59,62

Table 53 UNC (60°)

Dim.	mm	Number of threads/inch			
		NC/UNC	NF/UNF	NEF/UNEF	NPS/NPT/NPTF
No. 0	1,524	—	80	—	—
No. 1	1,854	64	72	—	—
No. 2	2,184	56	64	—	—
No. 3	2,515	48	56	—	—
No. 4	2,845	40	48	—	—
No. 5	3,175	40	44	—	—
No. 6	3,505	32	40	—	—
No. 8	4,166	32	36	—	—
No. 10	4,826	24	32	—	—
No. 12	5,486	24	28	32	—
1/16	1,588	—	—	—	27
1/8	3,175	—	—	—	27
1/4	6,350	20	28	32	18
5/16	7,938	18	24	32	—
3/8	9,525	16	24	32	18
7/16	11,116	14	20	28	—
1/2	12,700	13	20	28	14
9/16	14,288	12	18	24	—
5/8	15,875	11	18	24	—
11/16	17,463	—	—	24	—
3/4	19,050	10	16	20	14
13/16	20,638	—	—	20	—
7/8	22,225	9	14	20	—
15/16	23,813	—	—	20	—
1	25,401	8	12	20	11 1/2
1 1/8	28,576	7	12	18	—
1 1/4	31,751	7	12	18	11 1/2
1 3/8	34,926	6	12	18	—
1 1/2	38,101	6	12	18	11 1/2
1 5/8	41,277	—	—	18	—
1 3/4	44,452	5	—	16	—
2	50,802	4 1/2	—	15	11 1/2

**Table 225 Diameter and pitch in mm/inch**

Dimension inch	Diameter inch	Dimension metric	Diameter inch	Pitch mm
		M1.4	0.055	0.3 0.2
No. 0	0.060			
		M1.6	0.063	0.35 0.2
No. 1	0.073			
		M2	0.079	0.4 0.25
No. 2	0.086			
		M2.5	0.098	0.45 0.35
No. 3	0.099			
No. 4	0.112			
		M3	0.118	0.5 0.35
No. 5	0.125			
No. 6	0.138			
		M4	0.157	0.7 0.5
No. 8	0.164			
No. 10	0.190			
		M5	0.196	0.8 0.5
		M6	0.236	1.0 0.75
1/4	0.250			
5/16	0.312			
		M8	0.315	1.25 1.0
3/8	0.375			
		M10	0.393	1.5 1.25
7/16	0.437			
		M12	0.472	1.75 1.25
1/2	0.500			
		M14	0.551	2 1.5
5/8	0.625			
		M16	0.630	2 1.5
		M18	0.709	2.5 1.5
3/4	0.750			
		M20	0.787	2.5 1.5
		M22	0.866	2.5 1.5
7/8	0.875			
		M24	0.945	3 2
1"	1.000			
		M27	1.063	3 2



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