



JIS

Metric	UNC	Dimension	
		Dia Ø	Square ◆
M2		3	2.5
M3		4	3.2
M4	M4.5	5	4
M5	M5.5	5.5	4.5
M6	W 1/4	6	4.5
	W 5/16	6.1	5
M8	M7	6.2	5
M10	M9	W 3/8	7
M11	W 7/16	8	6
M12		8.5	6.5
	W 1/2	9	7
M14	M15	W 9/16	10.5
	W 5/8	12	9
M16		12.5	10
M17		13	10
M18	W 3/4	14	11
M20		15	12
M22	W 7/8	17	13
M24	M25	19	15
M26	M27	W 1	20
M28		21	17
	W 1 1/8	22	17
M30		23	17
M32	W 1 1/4	24	19
M33		25	19
M34	M35	W 1 3/8	26
M36	M38	28	21
M39	M40	W 1 1/2	30
M42	W 1 5/8	32	26
M45	W 1 3/4	35	26
M48	W 1 7/8	38	29

PT	PF		
1/8	1/8	8	6
1/4	1/4	11	9
3/8	3/8	14	11
1/2	1/2	18	14
	5/8	19	15
3/4	3/4	23	17
	7/8	24	19
1	1	26	21
	1 1/8	28	21
1 1/4	1 1/4	32	26
1 3/8	1 3/8	35	26
1 1/2	1 1/2	38	29

DIN

Dimension dia.xSquare	DIN 352	DIN 371
	2.5x2.1	M1
M1.1		M1.1
M1.2		M1.2
M1.4		M1.4
M1.6		M1.6
M1.8		M1.8
2.8x2.1	M2	M2
	M2.2	M2.2
	M2.5	M2.5
	M2.5	M2.5
3.5x2.7	M3	M3
4x3	M3.5	M3.5
4.5x3.4	M4	M4
6x4.9	M5	M5
	M6	M6
	M8	
	M10	
7x5.5		M8
8x6.2		M8
9x7	M12	
10x8		M10
11x9	M14	
12x9	M16	
14x11	M18	
16x12	M20	
18x14.5	M22	
	M24	
	M27	
20x16	M30	
22x18	M33	
25x20	M36	
28x22	M39	
	M42	
	M45	
	M48	
32x24	M52	
36x29	M56	
	M60	
	M60	
40x32		
45x35		

ISO

Dimension dia.xSquare	Metric	
2.24x1.8	M3	
2.5x2.0	M3.5	M2
2.8x2.24		M2.2
		M2.5
3.15x2.5	M4	M3
3.55x2.8	M4.5	M3.5
4x3.15	M5	M4
4.5x3.55	M6	
5x4		M5
6.3x5	M8	M6
8x6.3	M10	M8
9x7.1	M12	
10x8		M10
11.2x9	M14	
12.5x10	M16	
14x11.2	M18	
	M20	
16x12.5	M22	
18x14	M24	
20x16	M27	
	M30	
	M30	
22.4x18	M33	
25x20	M36	
28x22.4	M39	
	M42	
	M45	
31.5x25	M48	
	M48	
35.5x28	M52	
	M56	
	M60	
40x31.5	M60	
	M64	
	M64	

ANSI(USA)

Dimension		Much. Screw Size No.	Nominal Fractional Diameter Inches
Shank	Square		
0.141	0.110	0	1/16
0.141	0.110	1	
0.141	0.110	2	
0.141	0.110	3	3/32
0.141	0.110	4	
0.141	0.110	5	1/8
0.141	0.110	6	
0.168	0.131	8	5/32
0.194	0.152	10	3/16
0.220	0.165	12	
0.255	0.191	14	1/4
0.318	0.238		5/16
0.381	0.286		3/8
0.323	0.242		7/16
0.367	0.275		1/2
0.429	0.322		9/16
0.480	0.360		5/8
0.542	0.406		11/16
0.590	0.442		3/4
0.652	0.489		13/16
0.697	0.523		7/8
0.760	0.570		15/16
0.800	0.600		1
0.895	0.672		11/16
0.896	0.672		11/8
1.021	0.766		13/16
1.021	0.766		11/4
1.108	0.831		15/16
1.108	0.831		13/8
1.233	0.925		17/16
1.233	0.925		11/2
1.305	0.979		15/8
1.430	1.072		13/4
1.519	1.139		17/8
1.644	1.233		2
0.3125	0.234		1/16 NPT
0.4375	0.328		1/8 NPT
0.5625	0.421		1/4 NPT
0.700	0.531		3/8 NPT
0.6875	0.515		1/2 NPT
0.9063	0.679		3/4 NPT
1.125	0.843		1" NPT
1.3125	0.984		1 1/4 NPT
1.500	1.125		1 1/2 NPT