Quality Fasteners, Delivered!®

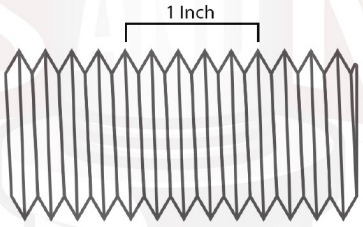
Thread Pitch Chart

INCH		
Bolt Diameter (inches)	Thread Pitch	
	Coarse	Fine
0		80
1	64	72
2	56	64
3	48	56
4	40	48
5	40	44
6	32	40
8	32	36
10	24	32
12	24	28
1/4”	20	28
5/16”	18	24
3/8”	16	24
7/16”	14	20
1/2”	13	20
9/16”	12	18
5/8”	11	18
3/4”	10	16
7/8”	9	14
1”	8	14
1-1/8”	7	12
1-1/4”	7	12
1-1/2”	6	12
1-3/4”	5	
2”	4-1/2	
2-1/4”	4	
2-1/2”	4	
2-3/4”	4	
3”	4	

How is Thread Pitch Measured?

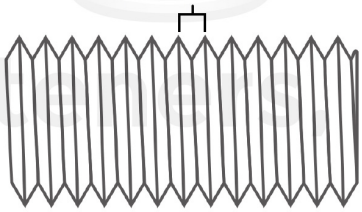
Inch

Thread pitch equals the amount of threads per 1 Inch (TPI).



Metric

Thread pitch equals the millimeter distance between 2 threads.



METRIC			
Bolt Diameter (millimeters)	Thread Pitch		
	Coarse	Fine	Extra Fine
1mm	0.25	0.20	
1.2mm	0.25	0.20	
1.6mm	0.35	0.20	
2mm	0.40	0.25	
2.5mm	0.45	0.35	
3mm	0.50	0.35	
3.5mm	0.60	0.35	
4mm	0.70	0.50	
5mm	0.80	0.50	
6mm	1.00	0.75	
8mm	1.25	1.00	0.75
10mm	1.50	1.25	1.00
12mm	1.75	1.50	1.25
14mm	2.00	1.50	1.25
16mm	2.00	1.50	1.00
18mm	2.50	2.00	1.50
20mm	2.50	2.00	1.50
22mm	2.50	2.00	1.50
24mm	3.00	2.00	1.50
27mm	3.00	2.00	1.50
30mm	3.50	3.00	2.00
36mm	4.00	3.00	2.00
42mm	4.50	4.00	3.00
48mm	5.00	4.00	3.00
56mm	5.50	4.00	3.00
64mm	6.00	4.00	3.00
72mm	6.00	4.00	3.00
80mm	6.00	4.00	3.00
90mm	6.00	4.00	3.00
100mm	6.00	4.00	3.00