

Threads Per Inch/Thread Pitch

US THREADS PER INCH			METRIC THREAD PITCH				
SIZE	Coarse Thread UNC	Fine Thread UNF	SIZE	Standard	Fine	Super Fine	JIS
#2	56	64	2	0.4			0.4
#3	48	56	2.5	0.45			0.45
#4	40	48	3	0.5			0.5
#5	40	44	4	0.7			0.7
#6	32	40	5	0.8			0.8
#8	32	36	6	1			1
#10	24	32	7	1			1
#12	24	28	8	1.25	1		1
1/4	20	28	10	1.5	1.25	1	1.25
5/16	18	24	12	1.75	1.5	1.25	1.25
3/8	16	24	14	2	1.5		1.5
7/16	14	20	16	2			1.5
1/2	13	20	18	2.5			1.5
9/16	12	18	20	2.5			1.5
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					

Thread Count (TPI)

TPI stands for Threads Per Inch, a count of the number of threads per inch measured along the length of a fastener. TPI is used only with American fasteners. Metric Fasteners use a thread Pitch. In general, smaller fasteners have finer threads, so the thread count is higher.

Thread Pitch

Metric fasteners are specified with a thread pitch instead of a thread count. The thread pitch is the distance between threads expressed in millimeters. In general, smaller fasteners have finer thread so they have lower thread pitch.

