

METRIC & INCH

Thread Pitch Chart

Quick Reference for standard thread pitch selection

How to Use This Chart

Match your fastener diameter to identify the correct thread pitch. Coarse threads are typically used for quick assembly and softer materials. Fine threads offer greater strength and resistance to loosening.

Metric Diameter	Pitch mm	
	Coarse Standard	Fine Standard
3mm	0.50	0.35
4mm	0.70	0.50
5mm	0.80	0.50
6mm	1.00	0.75
8mm	1.25	1.00
10mm	1.50	1.25
12mm	1.75	1.25
14mm	2.00	1.50
16mm	2.00	1.50
18mm	2.50	1.50
20mm	2.50	1.50
22mm	2.50	1.50
24mm	3.00	2.00
27mm	3.00	2.00
30mm	3.50	2.00
33mm	3.50	2.00
36mm	4.00	3.00
39mm	4.00	3.00
42mm	4.50	3.00
48mm	5.00	3.00

Nominal Diameter	Pitch in	
	Coarse Standard	Fine Standard
1/4"	20 TPI	28 TPI
5/16"	18 TPI	24 TPI
3/8"	16 TPI	24 TPI
7/16"	14 TPI	20 TPI
1/2"	13 TPI	20 TPI
9/16"	12 TPI	18 TPI
5/8"	11 TPI	18 TPI
3/4"	10 TPI	16 TPI
7/8"	9 TPI	14 TPI
1"	8 TPI	12 TPI
1-1/8"	7 TPI	12 TPI
1-1/4"	7 TPI	12 TPI
1-3/8"	6 TPI	12 TPI
1-1/2"	6 TPI	12 TPI
1-5/8"	5 TPI	12 TPI
1-3/4"	5 TPI	12 TPI
1-7/8"	4.5 TPI	12 TPI
2"	4.5 TPI	12 TPI

Not sure which thread or pitch you need?

We'll help verify specs, fit, and application before issues show up.

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