

## Metric Thread Pitches

Metric Coarse-Fine-Extra Fine Pitch  
And Extra Extra Fine Pitch

Name	Type	Pitch
		mm
M3	coarse	0.50
M4	coarse	0.70
M5	coarse	0.80
M6	fine	0.75
M6	coarse	1.00
M8	Extra Fine	0.75
M8	fine	1.00
M8	coarse	1.25
M10	Extra Fine	0.75
M10	fine	1.00
M10	coarse	1.50
M12	Extra Extra Fine	1.00
M12	Extra Fine	1.25
M12	fine	1.50
M12	coarse	1.75
M14	Extra Fine	1.25
M14	fine	1.50
M14	coarse	2.00
M16	Extra Fine	1.00
M16	fine	1.50
M16	coarse	2.00
M18	Extra Extra Fine	1.00
M18	Extra Extra Fine	1.50
M18	fine	2.00
M18	coarse	2.50
M20	Extra Extra Fine	1.00
M20	Extra Fine	1.50
M20	fine	2.00
M20	coarse	2.50
M22	Extra Extra Fine	1.00
M22	Extra Extra Fine	1.50
M22	fine	2.00
M22	coarse	2.50
M24	Extra Extra Fine	1.00
M24	Extra Fine	1.50
M24	fine	2.00
M24	coarse	3.00
M30	coarse	3.50

## Unified Threads Per Inch

Unified (UNC) Threads  
Threads Per Inch (TPI)

Nominal Diameter (in)	Threads per inch
# 1	64.000
# 2	56.000
# 3	48.000
# 4	40.000
# 5	40.000
# 6	32.000
# 8	32.000
# 10	24.000
# 12	24.000
1/4"	20.000
5/16"	18.000
3/8"	16.000
7/16"	14.000
1/2"	13.000
9/16"	12.000
5/8"	11.000
3/4"	10.000
7/8"	9.000
1"	8.000
1 1/8"	7.000
1 1/4"	7.000
1 3/8"	6.000
1 1/2"	6.000
1 3/4"	5.000
2"	4.500

Unified (UNF) Threads  
Threads Per Inch (TPI)

Nominal Diameter (in)	Threads per inch
# 0	80.000
# 1	72.000
# 2	64.000
# 3	56.000
# 4	48.000
# 5	44.000
# 6	40.000
# 8	36.000
# 10	32.000
# 12	28.000
1/4"	28.000
5/16"	24.000
3/8"	24.000
7/16"	20.000
1/2"	20.000
9/16"	18.000
5/8"	18.000
3/4"	16.000
7/8"	14.000
1"	12.000
1 1/8"	12.000
1 1/4"	12.000
1 3/8"	12.000
1 1/2"	12.000

Unified Extra Fine UNEF

SIZE	THREADS PER INCH (TPI)
# 12	80
1/4	32
5/16	32
3/8	32
7/16	28
1/2	28
9/16	24
5/8	24
3/4	20
7/8	20
1	20

## BSW And BSF Threads Per Inch

British Standard Whitworth (BSW)  
Threads Per Inch (TPI)

Diameter	TPI
inches	
1/16	60
3/32	48
1/8	40
5/32	32
3/16	24
7/32	24
1/4	20
5/16	18
3/8	16
7/16	14
1/2	12
9/16	12
5/8	11
3/4	10
7/8	9
1	8
1 1/8	7
1 1/4	7
1 1/2	6
2	4.5

British Standard Fine (BSF)  
Threads Per Inch (TPI)

Diameter	TPI
inches	TPI
3/16	32
7/32	28
1/4	26
5/16	22
3/8	20
7/16	18
1/2	16
9/16	16
5/8	14
11/16	14
3/4	12
7/8	11
1	10
1 1/8	9
1 1/4	9
1 3/8	8
1 1/2	8