

Screw Gauges

Screw Diameter	mm
4G	2.8
5G	3.2
6G	3.5
7G	3.8
8G	4.1
9G	4.4
10G	4.7
12G	5.5
14G	6.3

Nail Gauges

Nail Diameter	mm
10G	3.2
12G	2.8
14G	2.0
16G	1.6

Washer Gauges

Imperial thickness	mm
22	0.75
20	0.95
18	1.2
16	1.6
14	2.0
12	2.5
10	3.0

Imperial Threads per Inch

Diameter (inches)	BSW	Threads per inch (TPI)		
		UNC	UNF	BSF
1/8"	40	40		
5/32"	32	32		
3/16"	24	24	32	32
1/4"	20	20	28	26
5/16"	18	18	24	22
3/8"	16	16	24	20
7/16"	14	14	20	18
1/2"	12	13	20	16
5/8"	11	11	18	14
3/4"	10	10	16	12
7/8"	9	9	14	11
1"	8	8	12	10
1 1/8"	7	7	12	9
1 1/4"	7	7	12	9
1 1/2"	6	6	12	8

Metric Thread Forms and Pitch

Metric Diameter (mm)	Pitch (mm)	
	Coarse (standard)	Fine
2	0.40	
2.5	0.45	
3	0.50	0.35
4	0.70	0.50
5	0.80	0.75
6	1.00	0.75
8	1.25	1.00
10	1.50	1.00, 1.25
12	1.75	1.25, 1.50
14	2.00	1.50
16	2.00	1.50
18	2.50	1.50
20	2.50	1.50, 2.00
22	2.50	1.50
24	3.00	1.50, 2.00
27	3.00	1.50, 2.00
30	3.50	1.50, 2.00
33	3.50	2.00
36	4.00	1.50, 2.00
39	4.00	1.50, 2.00
42	4.50	2.00

Class and Grade Tensile Strength Comparison

Metric Classes	Higher Tensile	Imperial Grades
Metric MPa (N/mm²)		Imperial LBF/in² (PSI)
1200 Class 12.9 ISO* High Tensile		180 000 Grade 9
1034 Class 10.9 ISO* High Tensile		150 000 Grade 8 AS 2465 High Tensile
827 Class 8.8 ISO* High Tensile AS 1252		120 000 Grade 5 AS 2465 High Tensile
800 Stainless Class 80 A4-80 (S16)		116 000 Stainless Class 80 A4-80 (S16) 304-80, 316-80
700 Stainless Class 70 A2-70 (304), A4-70 (316)		101 000 Stainless Class 70 304-70, 316-70
520 Class 5.8 ISO*		62 000 Low Carbon* 58 015 BSW Mild Steel AS 2451
500 Stainless Class 50 e.g. No marking		72 000 Stainless Class 50 e.g. No markings
427		

Anchors

Chem Set Studs

Hollow Wall Anchors

Drop In Anchors Standard

Drop In Anchors Lipped

Nylon Plugs

Metal Pin Anchors

Nylon Pin Anchors Mushroom Head

Nylon Pin Anchors Round Head

Countersunk Screw Bolts

Hex Flanged Screw Bolts

Plasterboard Anchors

Eye Screw Bolts

C Hook Sleeve Anchors

O Hook Sleeve Anchors

Hex Sleeve Anchors

CSK Sleeve Anchors

Split Drive Anchors Countersunk

Split Drive Anchors Mushroom Head

Threaded Rod Anchors Steel Horizontal

Threaded Rod Anchors Steel Vertical

Threaded Rod Anchors Timber Horizontal

Threaded Rod Anchors Timber Vertical

Threaded Rod Anchors Concrete Vertical

Wedge Anchors

Seismic/ETA Anchors

Screw Bolt Seismic/ETA Hex Flanged

Screw Bolt Seismic/ETA Countersunk

Screw Bolt Seismic/ETA Pan Head

Through Bolts Seismic

Rod Hanger Seismic Concrete - Vertical

Chemical Adhesive Seismic Pure Epoxy Resin

Chemical Adhesive Seismic Hybrid Bonded

Chemical Adhesive ETA Rated Polymer Resin Styrene Free

Rawplug Multi Dispense Gun

The Standard Blind Bolt

The Heavy Duty Bolt

The Thin Wall Bolt

Screws

Decking Screws CSK Flush Head - T 17

Decking Screws CSK - Ribbed

Surefast Screws CSK - Ribbed

12kN Kit

12kN Retro Kit

6kN Kit

Bracing Bracket Kit with Screw Bolts & Screws

Bracing Bracket Kit with Screws

Concealed Purlin Cleats

Sheet Bracing Straps

Ceiling Ties

Girt Plates

Multi Grips

Joist Hangers

Z and C Nails

Key to Finishes

Truck Deck Screws Bugle

Truck Deck Screws Countersunk

Blue Purlin Screws Countersunk

Machine Screws Countersunk

Machine Screws Pan Head

Steel Framing Screws Needle Point - Phillips

Gypsum Screws Self Drilling - Timber - Bugle

Gypsum Screws Self Drilling - Steel - Bugle

Self Drilling Screws Pan Head

Self Drilling Screws Water Head

Self Drilling Screws Wing Tek

Self Drilling Screws Button

Self Tapping Screws Countersunk

Self Tapping Screws Pan Head - Square (Type 17)

Self Tapping Screws Switching - Button

Self Tapping Screws Wafer Head - T 17

Self Tapping Screws Pan Head

Self Tapping Screws Self Drilling - Timber - Bugle

Self Tapping Screws Self Drilling - Steel - Bugle

Self Tapping Screws Wafer Head - T 17

Self Tapping Screws Countersunk

Self Tapping Screws Pan Head

Self Tapping Screws Self Drilling - Timber - Bugle

Self Tapping Screws Self Drilling - Steel - Bugle

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