



Fastenings

Copper Boat Nails & Roves

We have an extensive range of copper nails in both countersunk head and rose head, together with a complementary range of copper roves. All items are packed in boxes of 1 kilo and we show the approximate quantity per box. Other sizes are available to special order, in minimum quantities of 10 kilos.

Copper nails are manufactured to the wire gauge, where the highest number is the thinnest nail. We list below the range of gauges that we supply with the approximate equivalent size in millimetres, which is measured across the flats.



Wire Gauge	mm		Wire Gauge	mm		Wire Gauge	mm
16g	1.65		11g	3.00		7g	4.50
14g	2.00		10g	3.35		6g	5.00
13G	2.36		9g	3.75		4g	6.00
12g	2.65		8g	4.00			

Copper Boat Nails-Countersunk Head

Length	16 Gauge	14 Gauge	13 Gauge	12 Gauge	11 Gauge
5/8" 16mm	5071/CO/016/016	-	-	-	-
Quant.	2681				
3/4" 19mm	5071/CO/019/016	-	-	-	-
Quant.	2234				
1" 25mm	5071/CO/025/016	5071/CO/025/014	-	5071/CO/025/012	-
Quant.	1676	1041		603	
1 1/4" 32mm	-	5071/CO/031/014	5071/CO/031/013	5071/CO/031/012	-
Quant.		833	629	483	
1 1/2" 38mm	-	5071/CO/037/014	5071/CO/037/013	5071/CO/037/012	5071/CO/037/011
Quant.		694	524	402	307
1 3/4" 44mm	-	-	5071/CO/044/013	5071/CO/044/012	5071/CO/044/011
Quant.			449	345	263
2" 50mm	-	-	-	5071/CO/050/012	5071/CO/050/011
Quant.				301	230
2 1/4" 56mm	-	-	-	5071/CO/056/012	5071/CO/056/011
Quant.				267	204
2 1/2" 62mm	-	-	-	5071/CO/062/012	5071/CO/062/011
Quant.				241	183
3" 75mm	-	-	-	-	5071/CO/075/011
Quant.					154

	10 Gauge	9 Gauge	8 Gauge	6 Gauge	4 Gauge
1 1/2" 37mm	5071/CO/037/010	-	-	-	-
Quant.	242				
2" 50mm	5071/CO/050/010	5071/CO/050/009	-	-	-
Quant.	182	151			
2 1/4" 56mm	5071/CO/056/010	5071/CO/056/009	-	-	-
Quant.	161	135			
2 1/2" 62mm	5071/CO/062/010	5071/CO/062/009	5071/CO/062/008	-	-
Quant.	145	120	101		
3" 75mm	5071/CO/075/010	5071/CO/075/009	5071/CO/075/008	-	-
Quant.	122	101	84		
3 1/2" 87mm	5071/CO/087/010	5071/CO/087/009	5071/CO/087/008	-	-
Quant.	104	87	72		
4" 100mm	5071/CO/100/010	-	5071/CO/100/008	5071/CO/100/006	-
Quant.	91		63	45	
5" 125mm	-	-	5071/CO/125/008	5071/CO/125/006	-
Quant.			51	37	
6" 150mm	-	-	-	5071/CO/150/006	5071/CO/150/004
Quant.				31	22



Copper Boat Nails-Rose Head

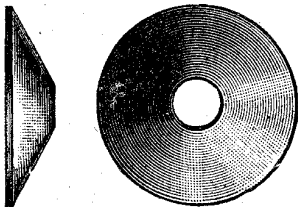


Length	14 Gauge	13 Gauge	12 Gauge
3/4" 19mm	5075/CO/019/014	-	-
Quant.	1361		
1" 25mm	5075/CO/025/014	-	-
Quant.	1020		
1 1/4" 32mm	5075/CO/031/014	5075/CO/031/013	-
Quant.	816	616	
1 1/2" 38mm	-	5075/CO/037/013	-
Quant.		513	
1 3/4" 44mm	-	-	5075/CO/044/012
Quant.			338
2" 50mm	-	-	5075/CO/050/012
Quant.			295

	11 Gauge	10 Gauge	8 Gauge
2" 50mm	5075/CO/050/011	-	-
Quant.	225		
2 1/4" 56mm	5075/CO/056/011	-	-
Quant.	200		
2 1/2" 62mm	-	5075/CO/062/010	-
Quant.		142	
3" 75mm	-	5075/CO/075/010	5075/CO/075/008
Quant.		120	82
3 1/2" 87mm	-	-	5075/CO/087/008
Quant.			70
4" 100mm	-	-	5075/CO/100/008
Quant.			61

Copper Roves

Supplied in boxes of 1/2 kilo with approximate quantity per 1/2 kilo shown.



Part No.	Rove Diameter	Nail Gauge	Quant. per 1/2 kilo
5072/CO/008	5/16" 8mm	14g	1150
5072/CO/010	3/8" 10mm	13g	700
5072/CO/011	7/16" 11mm	12g	470
5072/CO/012	1/2" 12mm	10g & 11g	340
5072/CO/014	9/16" 14mm	9g	250
5072/CO/016	5/8" 16mm	7g & 8g	190
5072/CO/019	3/4" 19mm	6g	130

Rove Punch

An essential tool for neat copper nail & rove work.



Part No.	Max. Nail Gauge
1619/00/030	13
1619/00/035	12
1619/00/045	10
1619/00/055	8

Copper Tacks

Supplied in 1/2 kilo boxes.



Part No.	Size
5073/CO/010	3/8" 10mm
5073/CO/012	1/2" 12mm
5073/CO/016	5/8" 16mm
5073/CO/019	3/4" 19mm
5073/CO/022	7/8" 22mm
5073/CO/025	1" 25mm

Brass Panel Pins

Supplied in 1/2 kilo boxes.



Part No.	Size
5070/BR/012/017	1/2" x 17swg 12 x 1.4mm
5070/BR/016/017	5/8" x 17swg 16 x 1.4mm
5070/BR/019/017	3/4" x 17swg 19 x 1.4mm
5070/BR/022/017	7/8" x 17swg 22 x 1.4mm
5070/BR/025/016	1" x 16swg 25 x 1.6mm



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Gripfast Nails

These famous silicon bronze nails have the distinctive annular ring barbs for superior grip. The 14 gauge sizes are packed in boxes of ½ kilo and all other sizes come in 1 kilo boxes. The approximate quantity per box is shown. Other sizes are available to special order in minimum quantities of 10 kilos.



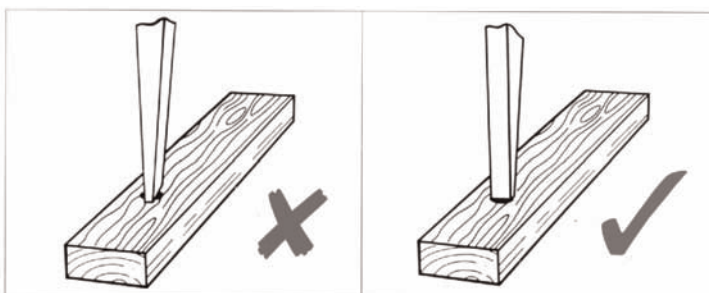
Length		14 gauge	12 gauge	10 gauge	8 gauge
¾"	19mm	5074/SB/019/014	-	-	-
	Quant	810			
⅞"	22mm	5074/SB/022/014	-	-	-
	Quant	760			
1"	25mm	5074/SB/025/014	5074/SB/025/012	-	-
	Quant	635	765		
1¼"	31mm	5074/SB/031/014	5074/SB/031/012	5074/SB/031/010	-
	Quant	530	605	385	
1½"	37mm	-	5074/SB/037/012	5074/SB/037/010	-
	Quant		515	325	
2"	50mm	-	5074/SB/050/012	5074/SB/050/010	5074/SB/050/008
	Quant		335	265	165
2¼"	56mm	-	-	5074/SB/056/010	5074/SB/056/008
	Quant			245	145
2½"	62mm	-	-	5074/SB/062/010	5074/SB/062/008
	Quant			215	130
3"	75mm	-	-	-	5074/SB/075/008
	Quant				110

Galvanised Rosehead Boat Nails

These cut boat nails have a flat point and a long taper. They are manufactured from mild steel to BS 1449 and hot dip galvanised to BS 729, making them tough and very long lasting. For best results, pilot holes should be drilled and the flat point should be presented across the grain of the timber to prevent splitting. Packed in boxes of 25 kilos, they can be sold in multiples of 1 kilo. Larger sizes and the square shank pattern are available to special order.



	Length		Gauge		Approx. Quant. per 25Kg
5061/GA/050	2"	50mm	⅜"	5mm	2800
5061/GA/065	2½"	65mm	⅜"	5mm	2450
5061/GA/075	3"	75mm	¼"	6mm	1200
5061/GA/090	3½"	90mm	¼"	6mm	950
5061/GA/100	4"	100mm	¼"	6mm	850
5061/GA/115	4½"	115mm	⅝"	8mm	500
5061/GA/125	5"	125mm	⅝"	8mm	450
5061/GA/150	6"	150mm	⅝"	10mm	250
5061/GA/175	7"	175mm	⅝"	10mm	225
5061/GA/200	8"	200mm	⅝"	10mm	150



Fastenings



Wood Screws

We stock a wide range of wood screws in silicon bronze, brass and galvanised to suit the fittings in this catalogue. Supplied in boxes of 100. Other sizes are available to special order.

Wood screws are made to the screw gauge, where the lowest number is the thinnest screw (unlike nails where it is the opposite). The table below gives the approximate metric equivalent size.

Screw Gauge	4	6	8	10	12	14	16	18
mm	2.74	3.45	4.17	4.88	5.59	6.30	7.01	7.72



Silicon Bronze

Suitable for all gunmetal fittings, above and below the waterline.

Length	6 Gauge	8 Gauge	10 Gauge	12 Gauge	14 Gauge
¾" 19mm	3470/SB/019/006	3470/SB/019/008	-	-	-
1" 25mm	3470/SB/025/006	3470/SB/025/008	3470/SB/025/010	3470/SB/025/012	-
1¼" 31mm	3470/SB/031/006	3470/SB/031/008	3470/SB/031/010	-	-
1½" 37mm	-	3470/SB/037/008	3470/SB/037/010	3470/SB/037/012	-
1¾" 44mm	-	-	-	3470/SB/044/012	-
2" 50mm	-	-	3470/SB/050/010	3470/SB/050/012	3470/SB/050/014
2½" 62mm	-	-	3470/SB/062/010	3470/SB/062/012	3470/SB/062/014
3" 75mm	-	-	-	-	3470/SB/075/014

Brass

Length	4 Gauge	6 Gauge	8 Gauge	10 Gauge	12 Gauge
½" 12mm	3470/BR/012/004	3470/BR/012/006	-	-	-
¾" 19mm	3470/BR/019/004	3470/BR/019/006	3470/BR/019/008	-	-
1" 25mm	3470/BR/025/004	3470/BR/025/006	3470/BR/025/008	3470/BR/025/010	-
1¼" 31mm	-	3470/BR/031/006	3470/BR/031/008	3470/BR/031/010	-
1½" 37mm	-	-	3470/BR/037/008	3470/BR/037/010	3470/BR/037/012
1¾" 44mm	-	-	3470/BR/044/008	3470/BR/044/010	3470/BR/044/012
2" 50mm	-	-	3470/BR/050/008	3470/BR/050/010	3470/BR/050/012

Galvanised

Length	8 Gauge	10 Gauge	12 Gauge	14 Gauge	-
1" 25mm	3470/GA/025/008	-	-	-	-
1¼" 31mm	3470/GA/031/008	3470/GA/031/010	-	-	-
1½" 37mm	3470/GA/037/008	3470/GA/037/010	-	-	-
1¾" 44mm	-	-	3470/GA/044/012	-	-
2" 50mm	-	3470/GA/050/010	3470/GA/050/012	-	-
2½" 62mm	-	-	3470/GA/062/012	3470/GA/062/014	-
3" 75mm	-	-	3470/GA/075/012	3470/GA/075/014	-

Coach Screws - Silicon Bronze

Length	⅝" 8mm	⅜" 10mm	½" 12mm
1½" 37mm	3456/SB/037/008	-	-
2" 50mm	-	3456/SB/050/010	-
2½" 62mm	-	3456/SB/062/010	-
3" 75mm	-	3456/SB/075/010	3456/SB/075/012
3½" 87mm	-	3456/SB/087/010	-
4" 100mm	-	3456/SB/100/010	3456/SB/100/012





Fastenings

Coach Screws - Galvanised



Length		¼" 6mm	⅕" 8mm	⅜" 10mm	¼" 12mm
1½"	37mm	3456/GA/037/006	3456/GA/037/008	3456/GA/037/010	-
2"	50mm	3456/GA/050/006	3456/GA/050/008	3456/GA/050/010	3456/GA/050/012
2½"	62mm	3456/GA/062/006	3456/GA/062/008	3456/GA/062/010	3456/GA/062/012
3"	75mm	-	3456/GA/075/008	3456/GA/075/010	3456/GA/075/012
3½"	87mm	-	-	3456/GA/087/010	-
4"	100mm	-	-	3456/GA/100/010	3456/GA/100/012
5"	125mm	-	-	3456/GA/125/010	3456/GA/125/012
6"	150mm	-	-	-	3456/GA/150/012

Silicon Bronze Machine Screws

Ideal fastenings for exterior gunmetal fittings. Nuts & washers must be ordered separately. UNC thread.



Length		⅜" 5mm	¼" 6mm	⅜" 8mm	⅜" 10mm
2"	50mm	3458/SB/050/005	3458/SB/050/006	-	-
2½"	62mm	3458/SB/062/005	3458/SB/062/006	-	3458/SB/062/010
3"	75mm	-	3458/SB/075/006	3458/SB/075/008	3458/SB/075/010
3½"	87mm	-	3458/SB/087/006	-	-
4"	100mm	-	3458/SB/100/006	3458/SB/100/008	3458/SB/100/010
6"	150mm	-	-	-	3458/SB/150/010

Other sizes can be obtained to special order.

Silicon Bronze Coach Bolts

Nuts & washers must be ordered separately. UNC thread.



Length		¼" 6mm	⅕" 8mm	⅜" 10mm	¼" 12mm
2½"	62mm	3452/SB/062/006	3452/SB/062/008	-	-
3"	75mm	3452/SB/075/006	3452/SB/075/008	3452/SB/075/010	-
3½"	87mm	-	3452/SB/087/008	-	-
4"	100mm	-	-	3452/SB/100/010	3452/SB/100/012
4½"	112mm	-	3452/SB/112/008	-	-
5"	125mm	-	-	3452/SB/125/010	-
6"	150mm	-	-	3452/SB/150/010	3452/SB/150/012
7"	175mm	-	-	3452/SB/175/010	-
9"	225mm	-	-	3452/SB/225/010	-
10"	250mm	-	-	-	3452/SB/250/012

Other sizes can be obtained to special order.

Silicon Bronze Nuts & Washers



Size	Nuts	Washers
⅜" 5mm	3459/SB/005	3460/SB/005
¼" 6mm	3459/SB/006	3460/SB/006
⅕" 8mm	3459/SB/008	3460/SB/008
⅜" 10mm	3459/SB/010	3460/SB/010
½" 12mm	3459/SB/012	3460/SB/012



Galvanised Coach Bolts

These cup square bolts are supplied complete with nuts and are heavily galvanised to give a very long life. Metric thread.

Length		¼" 6mm	⅝" 8mm	⅜" 10mm	½" 12mm
1½"	40mm	-	3452/GA/008/040	-	-
2"	50mm	3452/GA/006/050	3452/GA/008/050	3452/GA/010/050	-
2⅝"	65mm	3452/GA/006/065	3452/GA/008/065	3452/GA/010/065	-
2¾"	70mm	-	3452/GA/008/070	-	3452/GA/012/070
3"	75mm	3452/GA/006/075	3452/GA/008/075	3452/GA/010/075	3452/GA/012/075
3½"	90mm	3452/GA/006/090	3452/GA/008/090	3452/GA/010/090	3452/GA/012/090
4"	100mm	3452/GA/006/100	3452/GA/008/100	3452/GA/010/100	3452/GA/012/100
4⅜"	110mm	-	3452/GA/008/110	3452/GA/010/110	3452/GA/012/110
5⅝"	130mm	-	3452/GA/008/130	3452/GA/010/130	3452/GA/012/130
5½"	140mm	-	-	3452/GA/010/140	-
6"	150mm	-	3452/GA/008/150	3452/GA/010/150	3452/GA/012/150
7"	180mm	-	-	3452/GA/010/180	3452/GA/012/180
8"	200mm	-	-	3452/GA/010/200	3452/GA/012/200
9½"	240mm	-	-	3452/GA/010/240	3452/GA/012/240
10"	260mm	-	-	3452/GA/010/260	3452/GA/012/260
11"	280mm	-	-	-	3452/GA/012/280
12"	300mm	-	-	3452/GA/010/300	3452/GA/012/300

Other sizes are available to special order.



Galvanised Hex Bolt & Nut

Heavily galvanised hex head bolt complete with hex nut. Metric thread.

Length		⅝" 8mm	⅜" 10mm	½" 12mm
2"	50mm	3457/GA/008/050	3457/GA/010/050	-
3"	75mm	3457/GA/008/075	3457/GA/010/075	3457/GA/012/075
3½"	90mm	3457/GA/008/090	-	-
4"	100mm	3457/GA/008/100	3457/GA/010/100	3457/GA/012/100
4⅜"	110mm	-	3457/GA/010/110	-
5⅝"	130mm	-	-	3457/GA/012/130
6"	150mm	-	-	3457/GA/012/150
7"	180mm	-	-	3457/GA/012/180
8"	200mm	-	-	3457/GA/012/200

Other sizes are available to special order.

Galvanised Nuts & Washers



Size		Nuts	Washers
⅝"	8mm	3459/GA/008	3460/GA/008
⅜"	10mm	3459/GA/010	3460/GA/010
½"	2mm	3459/GA/012	3460/GA/012

Other sizes are available to special order.