

Fasteners

Fasteners

Brass Countersunk Finishing

Washers Gives a neat appearance and larger bearing surface to the screw. Useful for seats, finishing work and holding fabric (e.g.



canvas). Screw size: #6 (Item **F2a**); #8 (Item **F2b**); and #10 (Item **F2c**); #12 (Item **F2d**); and #14 (Item **F2e**).

Silicone Bronze Carriage Bolts

Used in strip canoes to hang seats, thwarts and yokes. Size: 4" x 3/16" full thread with a round head. Includes washer and hex nut. Discount pricing available (Item **F3**). Also available - black Protective Vinyl Caps that fit tightly to the threaded ends of the bolt. (Item **F3caps**).



Brass and Silicone Bronze Machine Screws

Recommended in many applications such as fastening skegs, keels, rudder fittings, oar sockets, bollards and so on. Flat slot head includes washers & nuts.



Item	Size
F19a	10-24x1"
F19b	10-24x2"
F19c	10-24x3"
F19d-1	1/4-20x1"
F19d	1/4-20x2"
F19e	1/4-20x3"
F19f	1/4-20x4"
F19g	5/16-18x2"
F19h	5/16-18x4"
F19i	5/16-18x6"
F19j	3/8-16x2"
F19k	3/8-16x3"
F19l	3/8-16x4"

Silicone Bronze Ring Nails

The annular threads are designed to lock with wood fibres, particularly plywood to prevent



Item	Size
F4a	14x3/4
F4b	14 x 7/8"
F4b-1	14 x 1"
F4c1	12 x 1"
F4cii	12 x 1 1/4"
F4ciii	14 x 1 1/4"
F4e	12 x 1 1/2"

"pop" or loosening under strain and vibration.

Brass Canoe Tacks

Easily clenched without leaving hammer marks.



A long lasting, quality fastener. Available in 5/8" (Item **F5a**) and 7/8" (Item **F5b**).

Copper Tacks

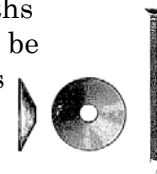
Used in various canvas jobs including canoe and deck work.

Item	Size
F12a1	3/8"
F12a2	1/2"
F12b1	5/8"
F12b2	7/8"
F12c1	3/4"
F12C2	1"



Copper Rivets & Roves

Square cut with a flat head (leaves the head flush with planking) thereby facilitating sanding and finishing. Refer to price list for Rivet gauges and lengths and matching rove size. (rivets should be at least 1/4" longer than the thicknesses of the pieces to be joined): **Rivets** (Item **F5071**); **Roves** (Item **F5072**)



Size	Gauge			
	14	12	10	8
1"	F5071d			
1-1/2"	F5071b	F5071h	F5071l	
1-1-4"	F5071c			
2"	F5071a	F5071g	F5071k	
2-1/2"		F5071ff		
2-1/4"				
3		F5071f	F5071j	
3-1/2"				
3-1/4"				
4"		F5071e	F5071i	F5071m

Other Sizes Available

Roves	Gauge	Size
F5072a	14	5/16"
F5072b	13	3/8"
F5072c	12	7/16"
F5072d	10	1/2"

Other Sizes Available

Fasteners

Stainless Steel Tee Nuts

A strong and secure fastener when strength is required. The teeth drive into the wood when tightened.



Sizes: 1/4-20 x 5/16" (Item **F9a**), 5/16-18 x 3/8" (Item **F9b**) and 3/8-16 x 7/16" (Item **F9c**).

Brass and Stainless Threaded Rod

Sizes: 3/16" thread dia. (Item **F10**); 1/4" thread dia. (Item **F10i**) Other sizes available.

Copper Clout or Clenching Nails

Flat head, square cut nails tapering to a sharp point are excellent for rib fastening, reducing hammer marks that often occur when using a common nail. They also have better holding capacity. Sizes: 1" (Item **F11a**); 1-1/4" (Item **F11b**) and 1-1/2" (Item **F11c**).



Monel/Stainless Staples

Here's a secret - use these non-corrosive staples instead of tacks for canvas jobs. It's faster, more economical and you save your thumbs! Sizes: 3/8" (Item **F13a**) and 9/16" (Item **F13b**). 1000 staples/box.

Easy-Touch Staple Remover



Removes tacks & staples in a jiffy; lifting the smallest to the long leg staples instead of knocking them out. Easy to grip handle (Item **F20**).

Common Copper Nail (Chart)

A wire nail with plain shank flat head designed for all-purpose use. Alternatively, where the nail is to be clenched and the wood is soft, a clout nail is recommended.

Item #	Size
F14-1	16 Gauge x 3/4"
F14-2	15 Gauge x 1"
F14-4	12 Gauge x 1 1/2"
F14-5	10 Gauge x 1 3/4"
F14-6	14 Gauge x 1 1/4"

Brass Brad-Finishing Nails

Deck fastening, easily driven and countersunk. See Price List (Items **F14b-1 to F14b-4**) 1/2" to 1-1/2" lengths.

Oval Head Brass & Chrome Plated Wood Screws

We've included these screws (see Items **F16a to F16h**) primarily for fastening our brass, stainless and polished aluminium half oval & half round molding/rub strips (see Item **O6a to O6g**). We also keep a selected stock of brass/chrome plated oval and flat head screws for chrome fittings and hardware see (Items **F17a & F17n**)

Brass & Silicone Wood Screws

Tapered "Robertson" or "Square" head screws are easier to back out and re-use. Popular with boat builders they provide a more solid drive than does the slot and Phillips.



Brass and silicone bronze also provide a traditional, classic look with silicone bronze often being the material of choice for boatbuilding as it takes on a nice complimentary look to cedar and other woods and provides excellent corrosion resistance. (See Below For Sizing Charts).



	Size	Brass	Silicone
6	1/2"	F15	F15-s
	3/4"	F15a	F15a-s
	1"	F15b	F15b-s
	1-1/4"	F15c	F15c-s
	1-1/2"	F15d	F15d-s

	Size	Brass	Silicone
8	3/4"	F15e	F15e-s
	1"	F15f	F15f-s
	1-1/4"	F15g	F15g-s
	1-1/2"	F15h	F15h-s
	1-3/4"		F15ii-s
	2"	F15i	F15i-s

	Size	Brass	Silicone
10	1"	F15j	F15j-s
	1-1/4"	F15k	F15k-s
	1-1/2"	F15l	F15l-s
	1-3/4"	F15l-2	F15l-2s
	2"	F15m	F15m-s
	2-1/2"	F15n	F15n-s
	3"	F15o	F15o-s

	Size	Brass	Silicone
12	1-3/4"	F15pp	F15pp-s
	2-1/2"	F15p	F15p-s
	3"	F15q	F15q-s
14	Size	Brass	Silicone
	2"	F15rr	F15rr-s
	3"	F15r	F15r-s