

Section B5 Deck Collars

B5.1 Deck Collars

Deck Collar Kits are used on keel-stepped masts to provide support for the mast where it goes through the deck whilst waterproofing the opening. The Deck Collar itself is fabricated from aluminium and fully anodised, and is fixed into the opening in the deck, with the mast passing through it. The gap between mast and Deck Collar, 12-15mm, is filled by three rubber O-rings fitted around the mast, protecting the mast from abrasion and point-loading against the Deck Collar. A rubber boot fits tightly around the mast above the Deck Collar, the lower perimeter being secured around the Deck Collar itself by means of a customised stainless steel hose-clamp. The rubber boot is sized so that the up stand above the deck is high enough to enable a good waterproof attachment to the mast, yet low enough to permit the fitting of the vang bracket as low as possible to the deck.

Deck Collars also provide attachment points for turning blocks, which enables halyards, reefing lines and other control lines to exit the mast and boom, then to be led to the deck and back to the cockpit. The standard Deck Collar includes 10 attachment points for turning blocks (turning blocks must be ordered separately - see B27.4). Allyacht Spars Australia uses the Pinned style, in which each attachment point is a vertically-standing stainless steel pin with a hole to accommodate the clevis pin from the turning block. This allows each turning block to angle and rotate to the optimal position for the line that it is controlling. Also included on the Deck Collar is a halyard bail, which is located forward of the mast, providing an attachment point for unused halyards.

Deck Collars are sized to suit the Allyacht Spars range of mast sections, or can be custom made to suit specific needs.

Variations Deck Collars are available in three forms.

- Deck Collar Only Deck Collar only
- Deck Collar Basic Kit Includes Deck Collar with rubber boot, stainless steel hose clamps, and three rubber O-rings
- Deck Collar Full Kit Includes Deck Collar Basic Kit fitted with up to 12 attachment points

MAST SIZE	DECK COLLAR ONLY PART NO.	DECK COLLAR BASIC KIT PART NO.	DECK COLLAR FULL KIT PART NO.
IM12L	005.121	005.120	005.120P
IM135	005.136	005.135	005.135P
IM15	005.151	005.150	005.150P
IM16L	005.161	005.160	005.160P
IM18L IM18R	005.181	005.180	005.180P
IM19	005.191	005.190	005.190P
IM20	005.201	005.200	005.200P
IM20W IM21R	005.201W	005.200W	005.200WP
IM22W	005.221	005.220	005.220P
AYS235	005.236	005.235	005.235P
AYS250	005.251	005.250	005.250P
AYS280	005.281	005.280	005.280P
AYS310	005.311	005.310	005.310P



Deck Collar Full Kit
005.235P

Ordering When ordering Deck Collars, please specify:

1. The Part Number
 2. Mast size and section type (supply sample if not standard)
 3. Deck angle from level - a dimension is best
 4. Mast rake - if not specified, one degree will be allowed
- NB.** Camber is not allowed for - all collars must be fitted to a flat surface.
Standard Deck Collars will only fit mast extrusions indicated - for other sections, a customised Deck Collar may be possible.

B5.2 Foam Sealing Plug

A Foam Sealing Plug is used in keel-stepped masts to prevent water travelling down the inside of the mast to the base where it can leak into the boat's interior. Made of high-density closed-cell foam, the plug fits snugly into the inside of the mast and is positioned above deck level, with a drain hole through the mast immediately above the plug. The hole through the Foam Sealing Plug accepts the electrical wiring conduit if the wiring is to exit below deck level.

MAST SIZE	PART NO.
IM12L	005.125
IM135	005.140
IM15	005.155
IM16L	005.165
IM18L IM18R	005.185
IM19	005.195
IM20W IM21R	005.205
IM22W	005.225
AYS235	005.240
AYS250	005.255
AYS280	005.285
AYS310	005.315

