

Section B2 Mastheads

B2.1 Mastheads - Masthead Rig

Mastheads (for masthead rig) are designed to accommodate forestay, backstay, main halyard, boom topping lift, genoa halyard/s, spinnaker halyard/s, and electrical equipment such as navigation light and radio aerial. They are custom built to suit the particular requirements of the individual mast, are fabricated from high grade marine plate, and anodised. Mastheads are supplied complete with head bolt, sheaves, axle pins, U-bolt/s and spacers. Forestay and backstay attachments are designed to accept toggles. Two sheaves are fitted at the aft end to run the main halyard and boom topping lift internally, and two at the forward end for two genoa halyards, also to run internally.

Variations Either one or two horns are provided. A horn is a structural attachment with saddle or U-bolt attached, to hang the spinnaker block/s from (note that spinnaker blocks must be ordered separately).

	MAST SIZE	SINGLE HORN MASTHEAD PART NO.	DOUBLE HORN MASTHEAD PART NO.
	IM12L	001.120	001.121
	IM135	001.135	001.1351
	IM15	001.150	001.151
	IM16L	001.160	001.161
	IM18L IM18R	001.180	001.181
	IM19	001.190	001.191
	IM20 IM20W	001.200	001.201
	IM21R	001.210	001.211
	IM22W	001.220	001.221
	AYS235	001.235	001.2351
	AYS250	001.250	001.251
	AYS280	001.280	001.281
	AYS310	001.310	001.311

Single Horn Masthead

B2.2 Mastheads - Fractional Rig No Backstay

These Mastheads are primarily for fractional rigs without a backstay (typically multihulls). They are designed to accommodate main halyard, boom topping lift, and electrical equipment such as navigation light and radio aerial if necessary. Two sheaves are fitted at the aft end to run the main halyard and boom topping lift internally. A fixing point is also provided for the end of the main halyard to enable a 2:1 halyard system to be used. These mastheads are fabricated from high grade marine alloy plate and anodised. Mastheads are supplied complete with head bolt, sheaves, axle pins, halyard bolt, U-bolt/s and spacers.

Variations

Add Horn

If a masthead spinnaker is to be used, the Masthead can be fitted with a horn, a structural attachment with a saddle or U-bolt, to hang the spinnaker block/s from (note that spinnaker blocks must be ordered separately). See picture B2.1.

Mizzen mast

A variation on this Masthead suits mizzen masts for either ketches or schooners. On this variation, provision is made for a triatic stay, and also for a mizzen staysail block if necessary.

MAST SIZE	FRACTIONAL RIG PART NO.	ADD HORN PART NO.	MIZZEN PART NO.	
IM12L	002.121	002.401	002.120	
IM135	002.136	002.402	002.135	
IM15	002.151		002.150	
IM16L	002.161		002.160	
IM18L IM18R	002.181		002.180	
IM19	002.191	002.403	002.190	
IM20 IM20W	002.201		002.200	
IM21R	002.211		N/A	
IM22W	002.221		002.220	
AYS235	002.236		N/A	
AYS250	002.251	N/A		
AYS280	002.281	N/A		
AYS310	002.311	N/A		
AYS200Wing	002.2001	002.402	N/A	
AYS250Wing	002.2501		N/A	
AYS300Wing	002.3001	002.403	N/A	
AYS350Wing	002.3501		N/A	

B2.3 Mastheads - Fractional Rig With Backstay

These Mastheads are for fractional rigs with a backstay. They are designed to accommodate main halyard, boom topping lift, and electrical equipment such as navigation light and radio aerial. They are custom built to suit the particular requirements of the individual mast, are fabricated from high grade marine plate, welded into the mast, and anodised with the mast. Mastheads are supplied complete with head bolt, sheaves, axle pins, halyard bolt, U-bolt/s and spacers.

Two sheaves are fitted at the aft end to run the main halyard and boom topping lift (or spare main halyard) internally. A crane is provided for supporting the backstay.

Variations If required, provision for a masthead spinnaker can be made by either fabricating a crane into the Masthead, or by fitting a front exit sheave below the Masthead. For either of these options, a Spectacle Fairlead would also be fitted (see Section 13). Note that these spinnaker fittings are extras, and are not included as part of the standard Masthead.

	MAST SIZE	PART NO.
	IM12L	002.122
	IM135	002.137
	IM15	002.152
	IM16L	002.162
	IM18L IM18R	002.182
	IM19	002.192
	IM20 IM20W IM21R	002.202
	IM22W	002.222
	AYS235	002.237
	AYS250	002.252
	AYS280	002.282
	AYS310	002.312

Masthead - Fractional Rig with Backstay