

Radar cable into cable conduit

- General
- Location
- cut out

General

This instruction describes how to fit a radar cable into the cable conduit on a complete and finished mast.

Location

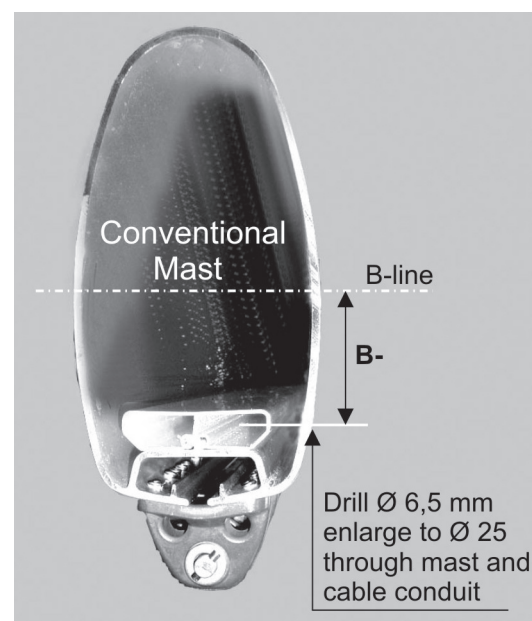
1. Turn the mast into a side up position, starboard or portside.
2. Mark the height for the radar cable exit hole.
Not closer than 150 mm from any other fitting.
2. Check type of section and B- dimension, see table 1. below.
Measure out from B-line at the height position, aft for C-mast and fwd of B-line for F-mast, make a mark.

C-sections	B-		F-sections	B+
C156	25		F176	25
C175	35		F194	28
C193	35		F212	30
C211	45		F228	28
C227	50		F246	24
C245	55		F265	26
C264	55		F286	24
C285	55		F305	24
C304	55		F324	35
C321	55		F370	45
C365	55			

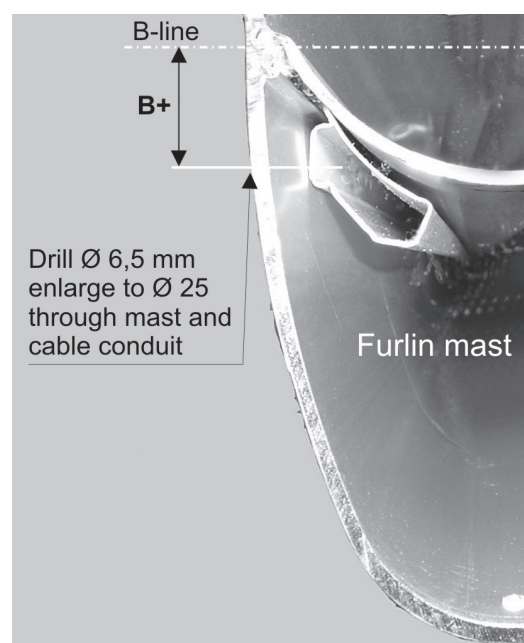
Table 1

Cut out

1. Drill \varnothing 6,5 mm in the mark for radar cable hole through mast wall and cable conduit. Be sure to angle the drill in a correct angle to hit the conduit, see pic 1-2 and 5.



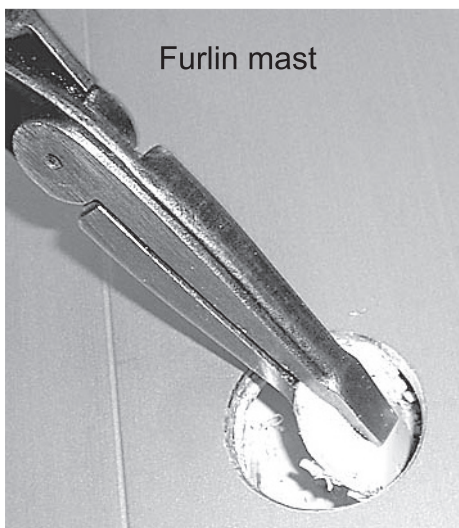
Pic 1.



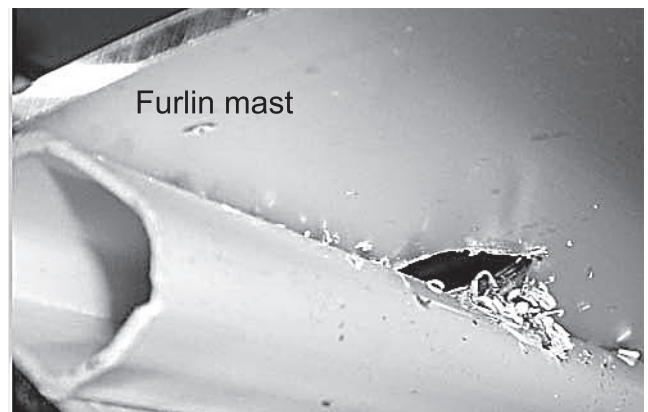
Pic 2.

2. Enlarge to $\text{\O} 25$ mm through mast and conduit. do not drill to deep, see pic 4-5.
3. Use a pointed pliers to remove the cable conduit remains by turning the pointed pliers until they come loose, see pic 3 and 6.
4. Grind the edges carefully on the in side of the conduit and in - outside of the mastwall.
5. Blow clean from burrs and wipe off the mast with a mild detergent.
6. Fit messenger line into the cable conduit and pull through the cable.

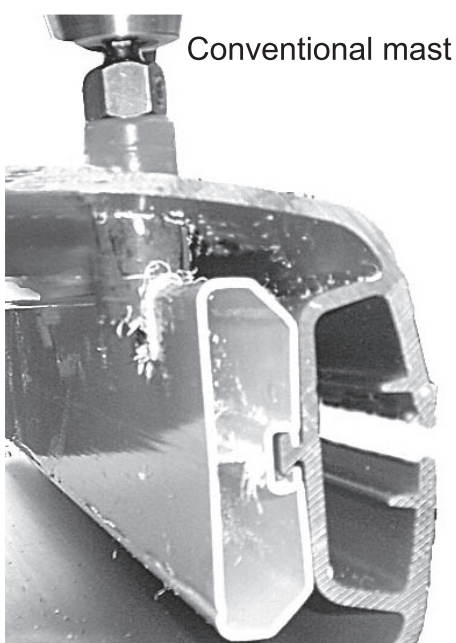
For running cables see instruction 595-966-E



Pic 3.



Pic 4.



Pic 5.



Pic 6.