



A radar reflector is generally installed as an additional device in locations that may also be marked with a light signal; being one of its main functions the detection of targets at a great distance, thus reducing the risk of collision of a vessel.

MSM has several models of radar reflector, indicated for use on buoys or fixed structures, and designed to ensure that their signal is displayed strongly on the vessel radar screens. These models project areas ranging from 8m<sup>2</sup> to 36m<sup>2</sup>.

They are manufactured by using eight overlapping spiral trihedrons, producing a strong and persistent echo, thus covering 360°. Trihedral radar reflector is best suited for applications in floating aids and in situations where there is considerable difference between the height of the radar reflector and the one from vessels passing through the area.

## FEATURES

- ✓ Trihedral design.
- ✓ Display of aids to navigation on the radar screen to reduce risk of collision.
- ✓ Strong “return” on radar screens.
- ✓ Improves detection under harsh weather conditions.
- ✓ Effective echo response.
- ✓ Echo equivalent surface (RCS) from 8 to 36 m<sup>2</sup>.
- ✓ 360° coverage.
- ✓ Its design of double trihedral group maximises echo in any orientation and tilt.
- ✓ Structure made from hot-dip galvanised or stainless steel.
- ✓ Polyurethane paint, UV resistant.
- ✓ Fixing to buoy or structure with 4 nos. M10 bolts.
- ✓ Standard fixing to the beacon.

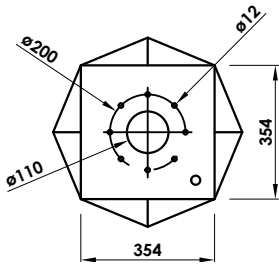
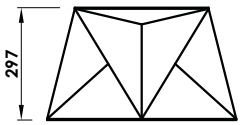
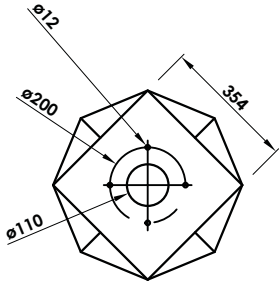


# RADAR REFLECTORS

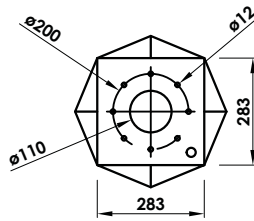
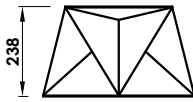
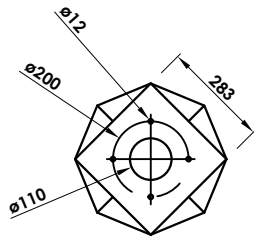
# RRF



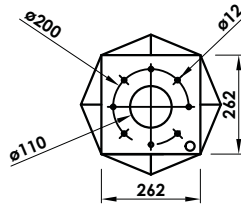
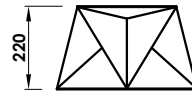
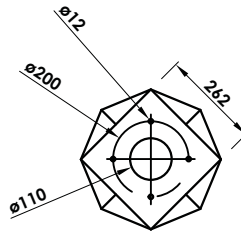
Specifications subject to change without previous notice.



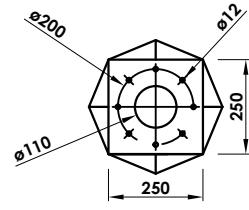
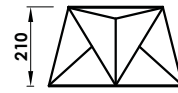
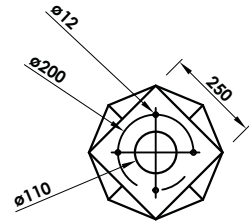
RRF30



RRF15



RRF10



RRF08

Remark: Reflectors calculated according to IALA *Guideline R-101*.

MODEL	RRF08	RRF10	RRF15	RRF30
RCS (m <sup>2</sup> )	8	10	15	36
Weight (kg)	11.3	12.5	14.6	23
Fixings (mm): Superior Inferior	8x200 4x200			
Base (mm)	250x250	262x262	283x283	354x354

Other designs available under request.



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