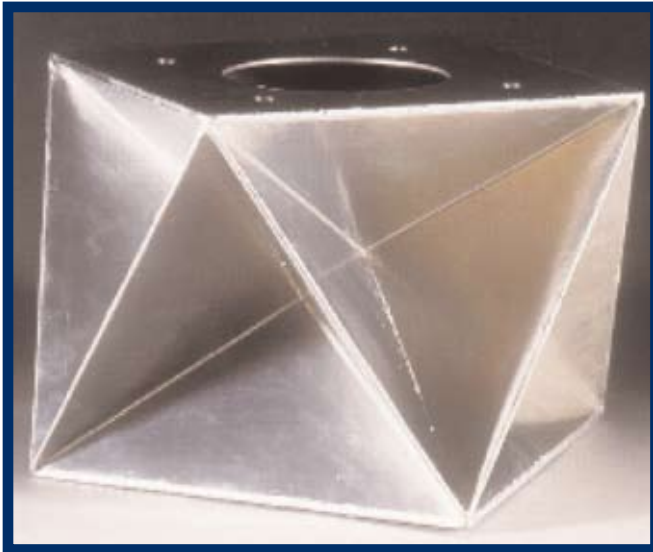


Buoys

RADAR REFLECTORS



A comprehensive range of radar reflectors are designed to enhance the radar conspicuity of buoys and floating aids to navigation and shore-based beacons.

Different types and sizes are manufactured attaining effective echo response of the targets for each application.



Features

- Improved radar target detection even in bad visibility conditions, disturbed sea or rain clutter.
- Manufactured in corrosion resistant materials, such as stainless steel, galvanized steel and aluminium alloy.
- Applications from small buoys up to large beacons.
- Two standard types cover most of the applications:



RRQ series square-base reflectors:

- 8-corner cluster, square based.
- Effective, compact and robust design with good response performance. Commonly used on all types of buoys and beacons.

RRS series single-corner reflectors:

- Unitary corner cube.
- Applicable on small and large structures by mounting several individual units in the desired arrangement, around the periphery to give a 360° coverage, or seaward facing.

Design configuration

Type	Model	Radar cross section	Overall diameter	Recommended application	Reflector
Square base	RRQ25	8 m ²	355 mm	All types of buoys and beacons	
	RRQ30	10 m ²	430 mm		
	RRQ35	18 m ²	505 mm		
	RRQ40	30 m ²	575 mm		
Single corner	RRQ50	70 m ²	710 mm	Small to large structures by mounting several individual units in the desired arrangement, around the periphery to give a 360° coverage, or facing them sea ward.	
	RRS50	70 m ²	—		
	RRS65	200 m ²	—		
	RRS85	600 m ²	—		
	RRS100	1,150 m ²	—		

Other types of radar reflectors also available under customer requirement.

