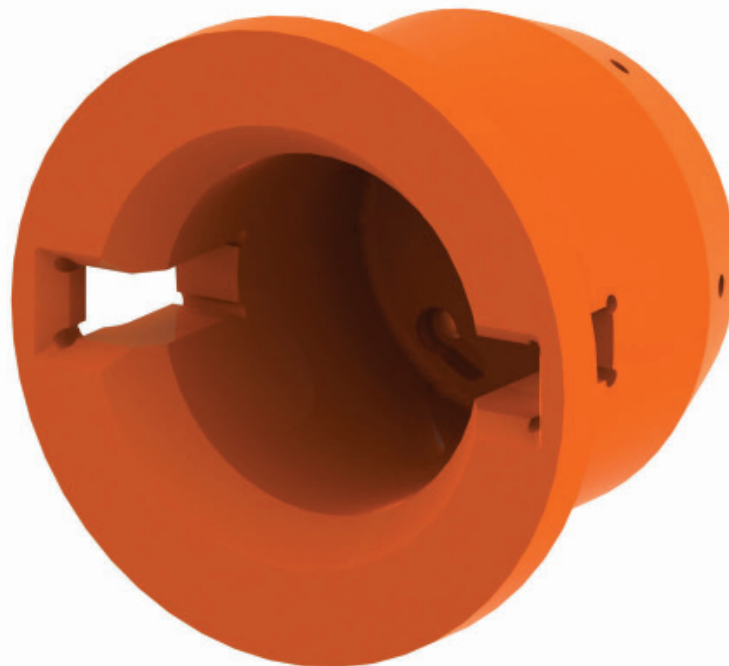


**AWARD WINNING  
PRODUCTS AND SERVICES  
TAKING OUT COST AND  
INCREASING OPERATING  
EFFICIENCY**

**INTRODUCING  
THE CLASS 1-4 ROV  
TORQUE RECEPTACLE**



## RUGGED CLASS 1-4 ROV TORQUE RECEPTACLE, FOR GENERAL SUBSEA ROV AND TORQUE TOOL OPERATIONS

### Typical Applications

- Hydraulic multi-quick connect (MQC) stab plates
- Valve actuators
- Chemical injection metering valves
- ROV Intervention Tooling

### Benefits

- Proven track record since 2010 and 1000+ units delivered
- Weight reduction to ease ROV handling
- No welding or coating inspection and documentation requirements
- No requirements for cathodic protection
- Rapid delivery - typically available from stock

### Features

- Rugged Class 1-4 ROV receptacle for various subsea applications
- Fully qualified product backed up by comprehensive 3rd party testing programme
- Lightweight construction – 0.5 kg (18 oz) weight in seawater
- Outstanding impact resistance - proven to withstand repeated ROV FLOT impacts with no damage
- Proven to withstand 3000 Nm (2212 lbft) cyclic loading with no damage (Class 4 + 10%)
- Heavy duty construction - withstands applied torque of 6000 Nm (4425 lbft) with no mechanical damage

### Purchase Options

1. Rapid delivery of undrilled receptacles for client machining to support fast turnaround projects.
2. Client specific part numbers and interfaces can be created and delivered as bought out finished items.

### RECEPTACLE FULL PRODUCT SPECIFICATION

#### Maximum Torque:

> 6000 Nm (4425 lbft)

#### Impact Resistance:

Proven to withstand repeated ROV FLOT impacts

#### Design Standards:

ISO 13628-8 Class 1-4

API 17H Class 1-4

API 17D Class 1-4

#### Colour:

Orange

#### Material:

Proprietary grade

Thermoplastic

### RECEPTACLE OPERATING CONDITIONS, WEIGHTS & DIMENSIONS

#### Operating Temperature Range:

-5°C to +40°C (23°F to 104°F)

#### Storage Temperature Range:

-18°C to +50°C (-0.4°F to 122°F)

#### Design Water Depth:

4000 m (13123 ft)

#### Design Life:

30 years

#### Dry Weight:

4.5 kg (10 lb)

#### Weight in Seawater:

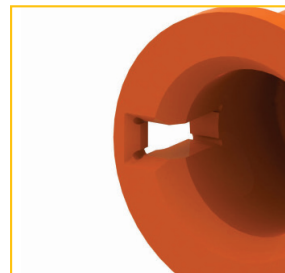
0.5 kg (18 oz)

#### Overall Length:

206 mm (8 inch)

#### Maximum Diameter:

270 mm (10 1/2 inch)



[www.viperinnovations.com](http://www.viperinnovations.com)

Please contact Viper Innovations for further information on Class 1-4 ROV Torque Receptacles

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