

QUICK-CLAMP™

Quick Release Oceanographic Instrument Clamp



The Elkins QUICK-CLAMP™ is designed by Dave Jones; head of the mechanical design group at the National Oceanography Centre Liverpool and manufactured under license by Elkins Oceanic Services Ltd.

The device allows quick installation and release of instruments on steel wire moorings which means that moorings can be wound on and off winches more quickly, saving time and money and with added safety.

The system incorporates a simple but robust locking mechanism operated by one hand using an easy to operate, large push button release. The only preparation required is the fitting of small swaged or screw on ferrules on the cable at the positions required.

Clamps are supplied to fit a range of instrument sizes up to 100mm diameter, although larger instruments can be considered to special order.



Clamp shown with cable released



Clamp shown with instrument in place

Specifications:

Material	Acetal, Grade 5 Titanium A4 Stainless steel
Maximum operating depth	12000m
Weight in air	2.2 kg
Overall length	195 mm
Overall depth	225 mm
Distance between clamp centers	165 mm
Maximum diameter of instrument	100 mm
Standard mooring rope size	10mm stainless steel or galvanized. Other sizes to order.

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