

Black Caiman Continuity Clamp

ROV intervention



The Black Caiman Continuity Clamp is an installable and removable clamp for remotely operated vehicles (ROVs) that requires only a manipulator for operation. It provides an ROV installable means for attaching to either a plate or round bar of a subsea structure for the purpose of cathodic protection. The Black Caiman clamp is made from corrosion-resistant materials and has serrated, adjustable jaws. It can accommodate plate thicknesses of 5/16–1 in (8–25.4 mm), or round bar thicknesses 3/4–1 in (19–25.4 mm). Custom clamp sizes can be created, if required.

Specifications

ROV interface	D handle
Max. torque	150 ft/lb / 200 Nm
Grip force (@ 100 Nm)	> 2,200 lbf / > 1000 kgf
Plate thickness	0.31–1 in / 7.93–25.4 mm
Round bar	.75–1 in / 19.05–25.4 mm
Electrical connection	M12 lug end connection
Weight in air	23 lb / 10.5 kg
Length	19.5 in / 495 mm
Width	7 in / 180 mm
Thickness	1.6 in / 41 mm

FEATURES

Entirely mechanical operation with a high grip force

Able to grip either a plate or round bar

Custom clamp sizes can be created