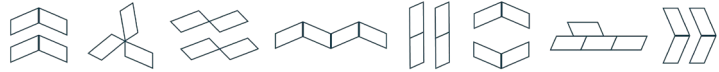


RETROFIT ANODE PIRANHA[®] L CLAMP



“The Piranha[®] L is intended for mounting to plates and round bar/pipe on subsea structures. It can be equipped with a range of different jaw sizes, suitable for plate thicknesses and bar diameters from 35mm up to 55mm.”



Intelligence built in

The main benefits of choosing an Imenco Piranha® Clamp are ease of installation, flexible sizing, and proven long-term integrity.

The clamp is guided into place by ROV and tensioned with an Imenco Clamp Installation Tool (ICIT) to ensure a good connection.

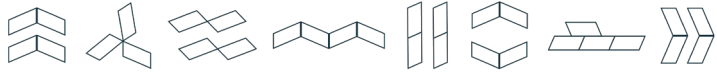
Most subsea structures and components have some sort of plate as part of its design. This makes the Piranha® L Plate Clamp the most versatile IMENCO Retrofit Anode Clamp. Anodes may be attached directly to the clamp, or by a bonding cable to an anode sled.

Features

- Active scanning sonar: 360 degree horizontal
- -10° to +60° degrees vertical Wide band frequency range
- Split beam transducer technology Compact, robust design
- Modular system with versatile configuration Remote operation and data acquisition Flexible scanning regime to match risk profile Redundant electronics
- Developed according to DNV RP A203 Qualified according to API 17F

Advantages

- Active Acoustics (SONAR) reduces risk by early identification
- Large coverage area means cost effective; less units needed Machine trained system to avoid false alarms
- Precise leak location to isolate the problem faster
- Leak rate estimate to determine severity
- Delivery of leak rate data to know if actions have isolated leak
- Surveillance to know the risks in your field, so they can be managed
- Performs regulatory required mapping function (Norway) simultaneously with detection, reducing decision time



RETROFIT ANODE

PIRANHA® M CLAMP

The Piranha® L clamp is primarily composed of the housing, and the jaw. The housing design is suitable across the entire 55-90 mm range. The jaw size is selected on a project-specific basis as per the below table.

Clamp Type	Plate Thickness (mm)	Clamp Dimensions (mm)							Weight
		A	B	C	∅D	E	F	G	
Piranha® L	55-60 mm	75	20	165	180	54-61	37-40	46	15Kg
Piranha® L	60-65 mm	75	20	165	180	59-66	37-40	46	15Kg
Piranha® L	65-70 mm	75	20	165	180	64-71	37-40	46	15Kg
Piranha® L	70-75 mm	75	20	165	180	69-76	37-40	46	15Kg
Piranha® L	75-80 mm	75	20	165	180	74-81	37-40	46	15Kg
Piranha® L	80-85 mm	75	20	165	180	79-86	37-40	46	15Kg
Piranha® L	85-90 mm	75	20	165	180	84-91	37-40	46	15Kg

