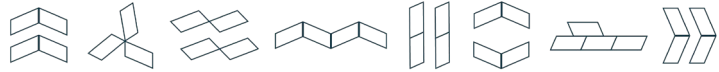


# RETROFIT ANODE

## PIRANHA<sup>®</sup> X EXPANSION



**“The Piranha<sup>®</sup> X Expansion Bolt Clamp is intended for mounting in holes and pad-eyes.”**



### Intelligence built in

The main benefits of choosing IMENCO. Retrofit Anode Clamp, are the ease of installation and flexible use. The clamp is guided into place by a ROV and tensioned with a torque tool to ensure a good Connection.

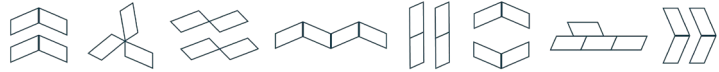
The Piranha® X was developed to utilize the existing pad-eyes on mooring line wire sockets or other structures. The clamp expands inside the hole, ensuring a tight and secure fixation to the structure or equipment. Anodes may be attached directly to the clamp, or by a bonding cable to an anode sled/anode bank.

### 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® X EXPANSION

The Piranha® X clamp is primarily composed of the housing, and the jaw. The housing design is suitable across the entire 43-87mm range. The jaw size is selected on a project-specific basis as per the below table.

Clamp Type	Hole ID (mm)	Clamp Dimensions (mm)								Weight
		A	B	C	øD	øE	F	G	H	
Piranha® X	43mm	74	20	132	101	43	65	46	37	3,6Kg
Piranha® X	48mm	74	20	132	101	48	65	46	37	3,8Kg
Piranha® X	57mm	74	20	132	101	55	65	46	37	4,4Kg
Piranha® X	73mm	74	20	132	101	73	65	46	42	4,6Kg
Piranha® X	87mm	74	20	132	101	85	65	46	42	5,2Kg

