

CONNECT PIPES BETTER, QUICKER AND SAFER IN VARIOUS APPLICATIONS

With the UNI-Coupling you connect pipes the easy way. Better than a threaded connection, quicker than a welded connection and safer than a flanged connection.

The stainless steel UNI-Coupling has a number of advantages compared to similar couplers. The UNI-Coupling has two specific parts making this coupler unique. A patented seal that eliminates the risk of leakage and a special shaped anchoring grip ring, which ensures a reliable, restraint connection.

Moreover the UNI-Coupling can be installed fast and thanks to the wide range, it can effortlessly connect different types of pipes with various outside diameters. Better, quicker and safer than you are used to. The UNI-Coupling offers you an easy to install, time saving and money saving solution.

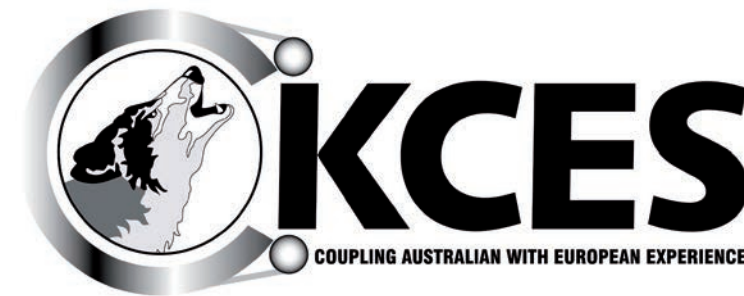
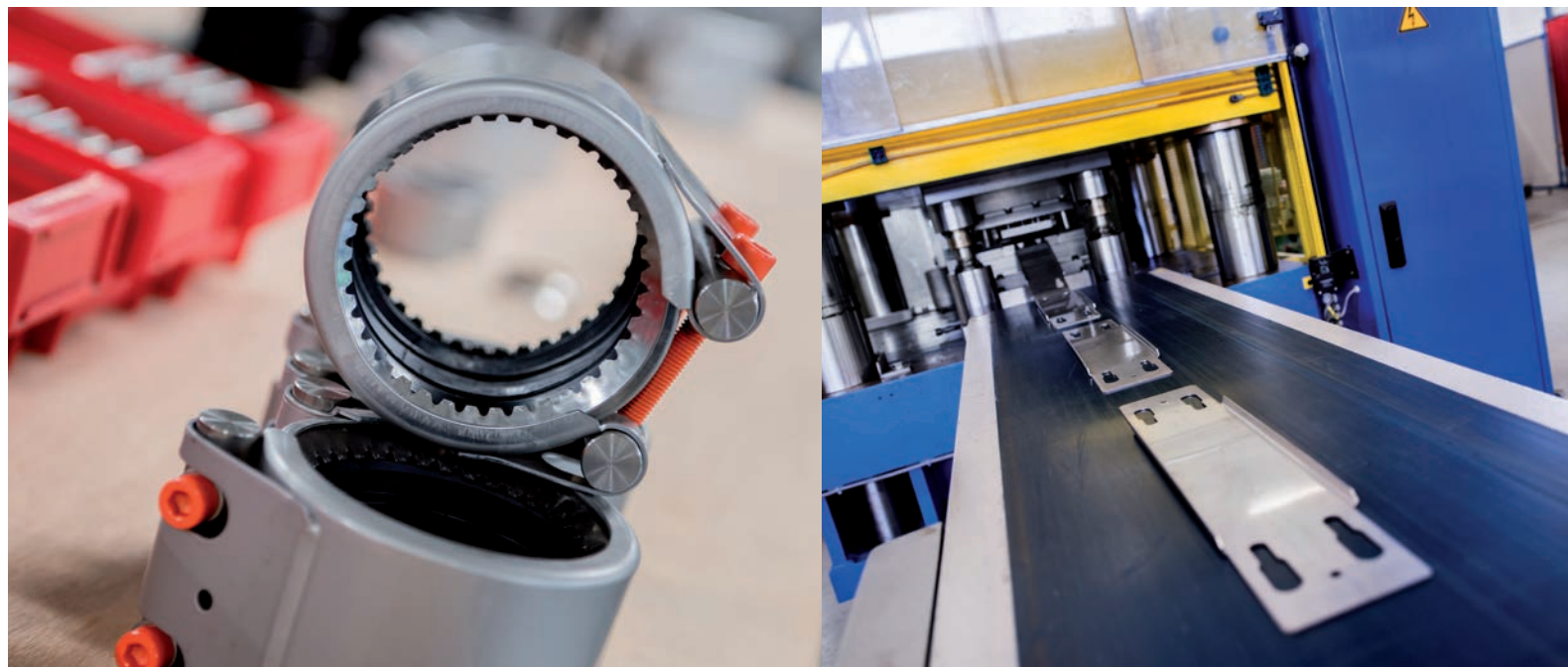
The UNI-Coupling has approvals for several applications such as shipbuilding, offshore, water treatment, chemical process industry, commercial buildings and infrastructure.

Applications:

- + Reverse osmosis
- + Process water
- + Oil pipelines
- + Gas turbines
- + Cooling water
- + Compressed air
- + Rinse water
- + Emergency showers
- + Extinguishing lines
- + Tank storage
- + Bilge water
- + Ballast water
- + Sprinkler lines
- + Drinking water
- + District heating
- + Air conditioning
- + Wastewater
- + Water distribution
- + Gas distribution

UNI COUPLING

A problem solver to rely on!



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United Pipeline Products

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TYPE OVERVIEW

TECHNICAL DATA OVERVIEW

The UNI-Coupling is available in various types.

UNI-Grip

- + To connect metal - metal
- + For restraint jointing
- + Patented wedge shaped seal
- + 2 grip rings for metal pipes
- + Stainless steel 1.4571 (W5) quality

UNI-Plastgrip

- + To connect plastic - plastic
- + For restraint jointing
- + Patented wedge shaped seal
- + 2 grip rings for plastic pipes
- + Stainless steel 1.4571 (W5) quality

UNI-Combogrip

- + To connect metal - plastic
- + For restraint jointing
- + Patented wedge shaped seal
- + 1 grip ring for metal pipes
- + 1 grip ring for plastic pipes
- + Stainless steel 1.4571 (W5) quality

UNI-Flex

- + To connect metal - plastic
- + To connect metal - metal
- + To connect plastic - plastic
- + For flexible jointing
- + Patented wedge shaped seal
- + Stainless steel 1.4571 (W5) quality

UNI-Rep

- + To connect metal - plastic
- + To connect metal - metal
- + To connect plastic - plastic
- + For flexible jointing
- + Patented wedge shaped seal
- + Clamp mechanism for repairing under pressure
- + Stainless steel 1.4571 (W5) quality

UNI-Fire

- + Fire protective housing
- + Transforms regular couplings into fire protective couplings
- + Stainless steel 1.4571 (W5) quality

UNI-Grip



UNI-Plastgrip



UNI-Combogrip



UNI-Flex



UNI-Rep



UNI-Fire



Type	Ø (mm)	Width (mm)	Pressure PN for Shipbuilding only	Pressure WP for Water and other industries
UNI-Grip	21 - 172	45 - 110	16	32 to 70
	188 - 745	138 - 146	2.5 to 16	6 to 25
UNI-Plastgrip	39 - 172	60 - 110	10	16
	175 - 640	140 - 146	2.5 to 10	6 to 16
UNI-Combogrip	39 - 172	60 - 110	10	16
	175 - 640	140 - 146	2.5 to 10	6 to 16
UNI-Flex	21 - 172	45 - 110	16	25
	188 - 2090 Bigger on request	140 - 206 280 - 420	2.5 to 16	6 to 25
UNI-Rep	36 - 172	60 - 110	16	25
	188 - 745 Bigger on request	140 - 206 280 - 420	6 to 16	10 to 25

Wider range	OD (mm)	Number of couplers	Material quality	Material thickness
UNI-Coupling	21 - 47.5 47.5 - 172	7 15	standard W5 standard W5	to 5 mm thickness to 5 mm thickness

Connecting	Metal - Metal	Plastic - Plastic	Metal - Plastic	Restrained / Flexible
UNI-Grip	X			restrained
UNI-Plastgrip		X		restrained
UNI-Combogrip			X	restrained
UNI-Flex	X	X	X	flexible
UNI-Rep	X	X	X	flexible

Sealing material	EPDM > 21 - 172 mm	EPDM > 172 mm	NBR	Viton
Temperature range	-30 °C - +125 °C	-30 °C - +80 °C	-20 °C - +80 °C	-20 °C - +180 °C
Medium	drinking water, wastewater, compressed air, alcohol and solids	drinking water, wastewater, compressed air, alcohol and solids	water, gas, oil, fuel, and other hydrocarbons	ozone, oxygen, acids, gas, oil and fuel (only with strip insert)

Quality	Housing	Lock bars	Bolts	Anchoring
W5	1.4571 / 316 Ti	1.4571 / 316 Ti	A4 - 80 / 316 Ti	1.4404 / 316 L & 1.4310 / 301