

tyco

Flow Control

Tyco Water

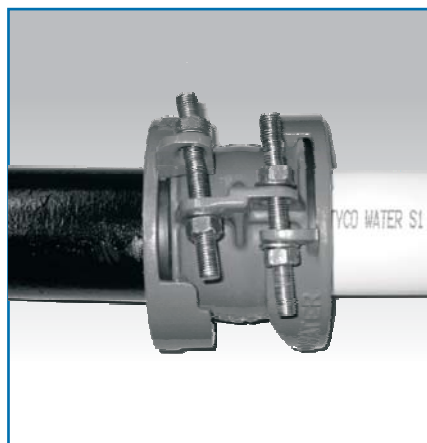
Features

- One coupling fits a wide range of pipe ODs of the same nominal size, significantly reducing stock holding requirements.
- Can be installed with out the need to disassemble, significantly reducing installation time.
- Specially designed wedge shaped nitrile seal ensures leak free operation in water and wastewater mediums.
- Only two double ended studs, significantly improving the speed of installation.
- Both studs located laterally on the crown of the coupling for ease of assembly.
- Narrower trench widths required due to easy access of fasteners.
- Each seal is assembled separately allowing and even, leak tight seal.
- Compatible with most pipes in the water industry.
- Fasteners are 316 Stainless Steel for long life operation.
- Thermally Bonded Polymeric Coating long life corrosion protection.
- Long length barrels offer installation security with short length barrels available for confined spaces.
- Winner of 2005 Australian Industry Design Award.

General Application

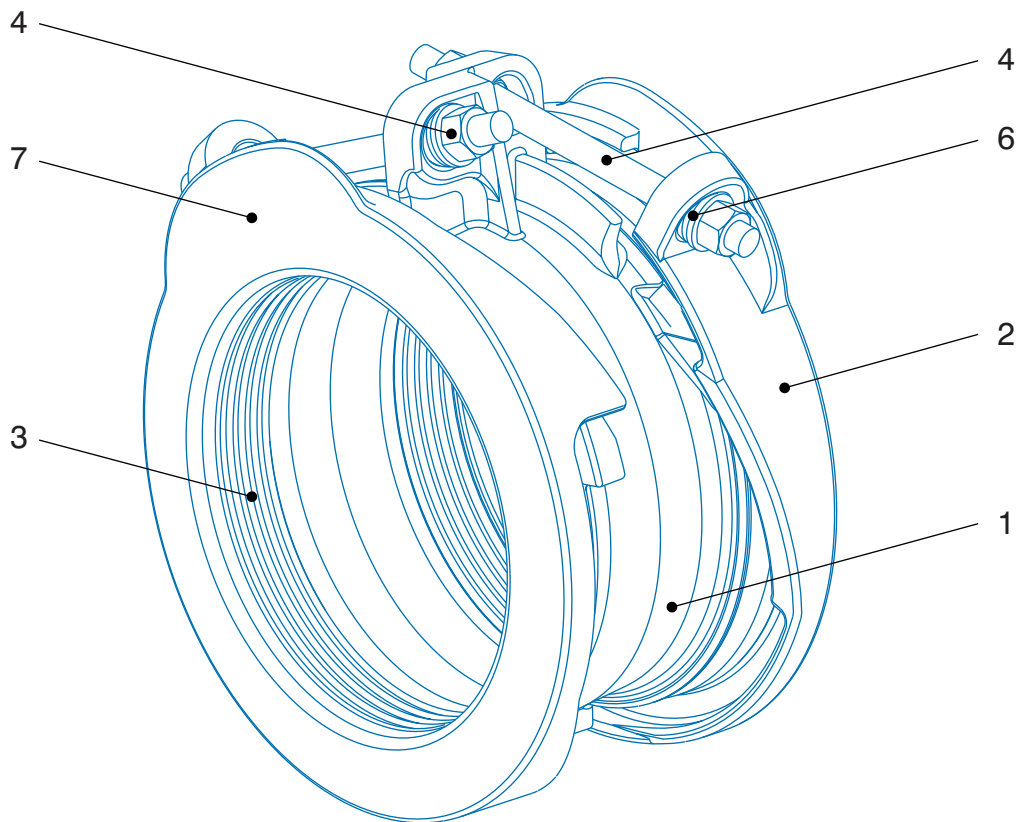
EZIGIB Couplings are ideal for joining two pipe ends together and are predominately used in a maintenance situation where a burst or damaged pipeline is repaired by a cut out and replace method. Suitable for drinking water and wastewater applications.

EZIGIB non-restrained mechanical couplings, manufactured to AS/NZS4998DR, provide a fast, effective method for connecting pipes with the same or different outside diameters.



Technical Data

Size Range: DN100 - DN200
Allowable Operation Pressure: 2500 kPa and 3500kPa
Maximum Temperature: 60°C
Maximum Deflection: 6°
Approvals:
Certified to AS 4020 - suitable for contact with drinking water.



Parts List

No	Description	Material	Standard
1	Barrel	Ductile Iron	AS 1831 400-15
2	Clip	Ductile Iron	AS 1831 400-15
3	Seal	Nitrile or EPDM Rubber	AS 1646
4	Stud	Stainless Steel	ASTM A276 316
5	Nut	Stainless Steel	ASTM A276 316
6	Bronze Washer	Copper Alloy	AS 1567 C35200
7	Polymeric Coating		AS/NZS 4158

Dimensions

DN	Pipe OD Range	Barrel Length L (mm)		Pressure Class	Max Joint Deflection
		Short	Long		
100	114 - 133	110	180	PN35	6°
150-P	160 - 180	110	180	PN25	6°
150-D	177 - 190	110	180	PN35	6°
200	225 - 236	NA	180	PN35	6°

Note: Allowable pressures are limited to the allowable pressures of the pipe to which it is fitted. For use on pipe materials other than ductile iron, in pressure applications above 2400kPa, suitability should be confirmed