

## WATER SUPPLY SELF LOCKING UNIVERSAL WIDE TOLERANCE COUPLING DUCTILE IRON

Self locking water supply universal wide tolerance coupling ductile iron for water supply, drinking water, watering and distribution networks.

Cast steel locking ring.

Direct mounting on pipe without dismantling the fitting.

French water agreement ACS for drinking water.



**Size :** DN50 to DN300

**Connection :** For all rigid pipes

**Min Temperature :** +0°C

**Max Temperature :** +60°C

**Max Pressure :** 16 Bars up to DN200, 10 bars over

**Specifications :** Ductile iron body

Direct mounting on the pipe

EPDM gasket

Cast steel locking ring

**Materials :** Ductile iron EN GJS-500-7

**WATER SUPPLY SELF LOCKING UNIVERSAL WIDE TOLERANCE COUPLING DUCTILE IRON**

**SPECIFICATIONS :**

- Ductile iron body
- EPDM gasket
- Anti-corrosion Dacromet coated bolting
- Epoxy painting blue color RAL 5015, 250 $\mu$  thickness
- Cast steel locking ring

**USE:**

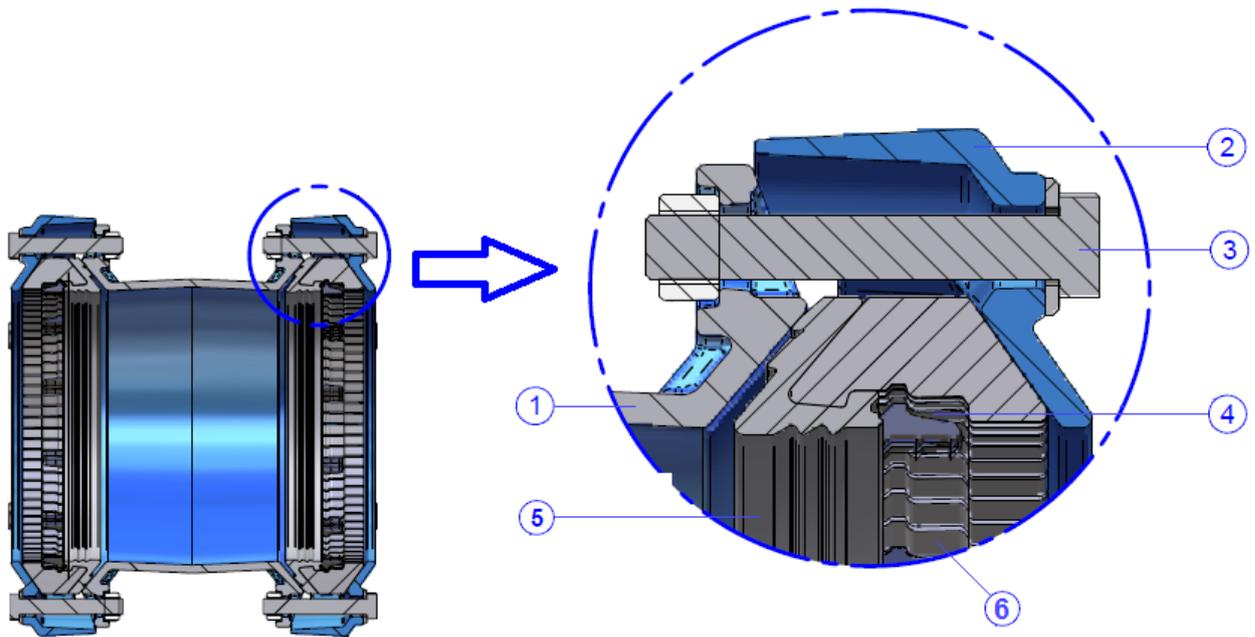
- Water supply and distribution networks
- Suitable for all rigid pipes
- Min and max Temperature Ts : + 0°C to + 60°C
- Max Pressure Ps : 16 bars up to DN200, 10 bars over

**RANGE :**

- Self-locking universal coupling for rigid pipes **Ref.2507** from DN 50-D.46-70 to DN 300-D.315-350

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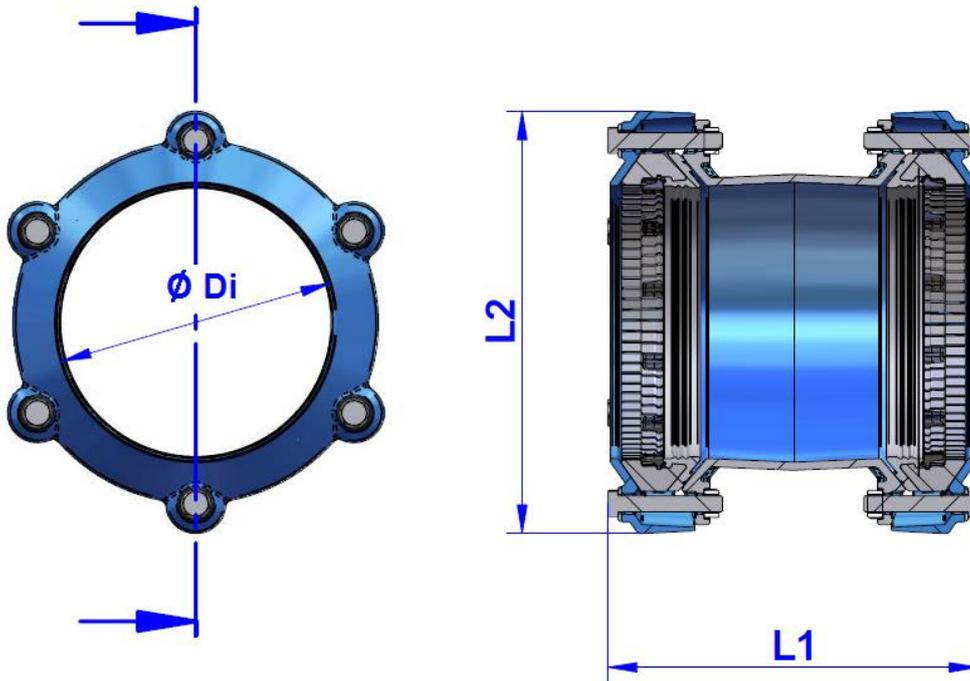
**MATERIALS :**



Item	Designation	Materials
1	Body	Ductile iron EN GJS-500-7
2	Flange	
3	Bolting	Carbon steel F114 8.8 Dacromet coated
4	Metal insert	Carbon steel F114 bichromated
5	Gasket	EPDM
6	Ring Bellow	Polypropylene with glass fiber

**WATER SUPPLY SELF LOCKING UNIVERSAL WIDE TOLERANCE COUPLING DUCTILE IRON**

**SIZE ( in mm ) :**



DN	50	60-65	80	100	125	150	200	250	300
Ø Di min	46	70	88	108	133	159	200	250	315
Ø Di max	70	95	123	143	168	194	235	285	350
L1	240	240	250	250	260	260	295	305	315
L2	187	212	240	260	285	311	370	420	485
Weight (Kg)	7.8	8.9	11.9	13.3	15.3	16.6	25.3	29.5	38.6
Ref.	2507050	2507065	2507080	2507100	2507125	2507150	2507200	2507250	2507300

**WATER SUPPLY SELF LOCKING UNIVERSAL WIDE TOLERANCE COUPLING DUCTILE IRON****STANDARDS :**

- Manufacturer certified ISO 9001 : 2015
- Directive 2014/68/EU : Products excluded from directive ( Article 1, § 2.b )
- Tests according to EN 12266-1
- French water agreement **A.C.S. N° 19 ACC LY 211**

**ADVICE :** Our opinion and our advice are not guaranteed and SFERACO shall not be liable for the consequences of damages.  
The customer must check the right choice of the products with the real service conditions.

**WATER SUPPLY SELF LOCKING UNIVERSAL WIDE TOLERANCE COUPLING DUCTILE IRON****ASSEMBLY INSTRUCTIONS :****GENERAL RULES:**

- Make sure that the connectors are appropriate for the actual service conditions (type of fluid, pressure, temperature).

**ASSEMBLY INSTRUCTIONS:**

- Check that the outer diameter of the pipe matches the accepted diameter for the connector.
- Before assembly, check that the pipe and the connector are clean.
- Cut the pipe perpendicularly to the piping axis using an appropriate tool (do not bevel the pipe).
- Remove any possible burrs.
- The piping must be perfectly aligned and its support properly sized so that the connectors are not under any external constraints.
- Provisionally shim sections of piping that still lack their definitive supports. This prevents significant constraints being applied on the connectors.
- Insert the pipe in the connector without dismantling the latter concentrically.
- The connection nuts and bolts must be tightened in a crosswise pattern
- Maximum admissible angular deviation is 10°.