

INSTALLATION OPERATING MANUAL DECA BRASS FITTINGS FOR PE PIPES

4MS Brass fittings for PE pipes , polyethylene piping system for drinking water and water distribution.

NBR o-ring for a perfect tightness.

Installation on pipe without dismantling coupling.



Size : DN20 to DN90

Connection: Female, Male for PE pipes

Min Temperature : +4°C

Max Temperature : +40°C

Max Pressure : 16 Bars up to DN63 (10 bars over)

Specifications : Brass fittings for PE pipes

NBR o-ring

Installation on pipe without dismantling coupling

Materials : Brass CW617N-4MS according to EN 12165

*the installation defects and wear defects are not covered by the guarantee

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INSTALLATION OPERATING MANUAL DECA BRASS FITTINGS FOR PE PIPES

SPECIFICATIONS :

- 4MS brass coupling for external tightening
- NBR gasket
- Installation on pipe without dismantling the coupling
- 10 years manufacturer warranty (the installation defects and wear defects are not covered by the guarantee)

USE :

- Water distribution
- Water with glycol up to 30%
- Min and max Temperature Ts : + 4°C to + 40°C
- Max Pressure Ps : 16 bars up to DN63 , 10 bars over

RANGE :

FOR POLYETHYLENE PIPE :

- Female coupling **Ref.860** from DN1/2"-D.20 to DN3"-D.90
- Male coupling **Ref.861** from DN1/2"-D.20 to DN3"-D.90
- Reduced male coupling **Ref.862** from DN3/8"-D.20 to DN1 1/2"-D.63
- Double connection coupling **Ref.863** from DN 20 to DN 90
- T coupling **Ref.864** from DN 20 to DN 90
- T male/female coupling **Ref.865** from DN 20-1/2"M-3/8"F to DN 90-3"M-2"1/2F
- L double connection coupling **Ref.866** from DN 20 to DN 75
- L male coupling **Ref.867** from DN1/2"-D.20 to DN2"1/2-D.75
- L female coupling **Ref.868** from DN1/2"-D.20 to DN2"-D.63
- L female brass coupling with wall fixation **Ref.869** from DN1/2"-D.20 to DN3/4"-D.25
- Long double connection coupling **Ref.870** from D.25 to D.50
- Reduced female coupling **Ref.875** from DN1/2"-D.25 to DN1"-D.40
- Free nut coupling **Ref.876** from DN3/4"-D.20 to DN1"-D.32
- Free nut L coupling **Ref.800** from DN3/4"-D.20 to DN1"-D.32
- Reduction set (for PE side) **Ref.886** from D.25-20 to D.50-40

FOR CARBON STEEL PIPE :

- Female coupling **Ref.890** from D.21 to D.34
- Male coupling **Ref.891** from D.21 to D.34
- Double connection coupling **Ref.893** from D. 21 to D. 34
- T coupling **Ref.894** from D. 21 to D. 34



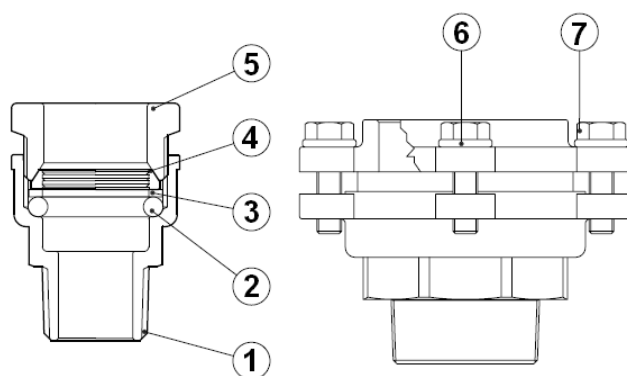
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MATERIALS FOR DN 20 TO DN 63 :



Item	Designation	Materials Ref.800 to 886	Materials Ref.890 to 894
1	Coupling	Brass CW617N-4MS according to EN 12165	Brass CW617N-4MS according to EN 12165
2	O ring	NBR	NBR
3	Tightening ring	Brass CW614N-4MS according to EN 12164	Brass CW614N-4MS according to EN 12164
4	Ring	Brass CW617N-4MS according to EN 12165	Stainless steel
5	Nut	Brass CW617N-4MS according to EN 12165	Brass CW617N-4MS according to EN 12165

MATERIALS FOR DN 75 TO DN 90 :



Item	Designation	Materials Ref.800 to 886
1	Coupling	Brass CW617N-4MS according to EN 12165
2	O ring	NBR 70 Shore
3	Tightening ring	Brass CW614N-4MS according to EN 12164
4	Ring	Brass CW614N-4MS according to EN 12164
5	Nut	Brass CW617N-4MS according to EN 12165
6	Washer	AISI 304
7	Screw	

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INSTALLATION INSTRUCTIONS :

GENERAL GUIDELINES :

- Ensure that the fittings to be used are appropriate for the conditions of the installation (type of fluid, pressure and temperature).

INSTALLATION INSTRUCTIONS :

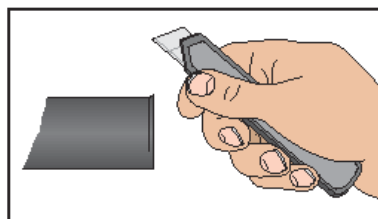
- **Before installing the fittings, clean and remove any objects from the pipes** (in particular bits of sealing and metal) which could obstruct and block the valves.
- Before starting the fitting, ensure that the threads and tapping are clean.
- The theoretical lengths given by ISO/R7 for the tapping are typically longer than required, the length of the thread should be limited, and **check that the end of the tube does not press right up to the head of the thread.**
- For the sealing assembly fitting piping, it is essential to use products that are compatible with the requirements of the French water agreement ACS : **plumbers hemp proscribed.**
- When screwing the fitting, ensure that you only rotate on screwed side by the 6 ended side. Use an open ended spanner or an adjustable spanner and not a monkey wrench.
- Do not over tighten the fitting. Do not block with any extensions as it may cause a rupture or weakening of the casing.
- **In general, for all fittings used in buildings and heating, do not tighten above a torque of 30 Nm.**

Preparation of the pipe



Do not cut
at an angle

Cut
at 90°

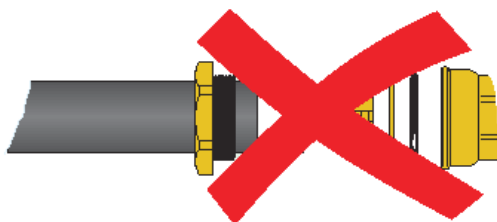


Remove any
external burrs

Instructions for the correct assembly of couplings



Insert the pipe into the
coupling with the nut
slackened.



Dismantle the coupling
and slide the various
components onto the
pipe.