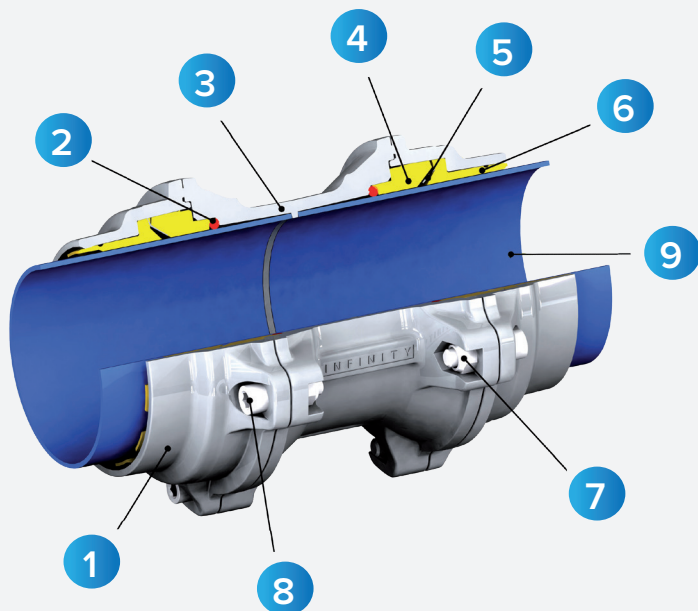


SPECIFICATIONS & ASSEMBLING GUIDE

Ø80 | Ø110 | Ø168



COMPONENT PARTS AND MATERIALS

1. Nut | Aluminium with finished surface treatment
2. O-ring | NBR
3. Body | Aluminium with finished surface treatment
4. Safety Ring | Technopolymeric
5. Clamping Washer | AISI 301
6. Tube-guide Ring | Technopolymeric
7. Self-locking Nut | Zinc-plated steel
8. TCEI Screw | Zinc-plated steel
9. Extruded Aluminium Tube | Calibrated and powder coated



REFERENCE STANDARD

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

PED
2014/68/UE

SILICON
FREE



DIAMETER RANGE (MM)

Ø80 | Ø110 | Ø168



PRESSURE RATING

0.99 bar (-0.099 MPa)
16 bar (1.6 MPa)



TEMPERATURE TOLERANCES

- 20 °C
+ 80 °C



TUBE CHARACTERISTICS

Extruded Aluminium	Designations UNI EN 573-3	Surface Treatment	Specific Weight	Expansion Coefficient
UNI 9006/1 Al Mg 0.5 Si 0.4 Fe 0.2	EN AW 6060 T6	Electrostatic Painting	2.70 kg/dm ³	0.024 mm/(m °C)



VACUUM RATING

0-28 Hg



FLUIDS

Compressed Air
Vacuum
Inert Gas (NITROGEN-ARGON)



THREADS

Flanged Tube (UNI EN 1092-4 PN 16) (ANSI 150-LB)
Female threads in conformity with ISO 228

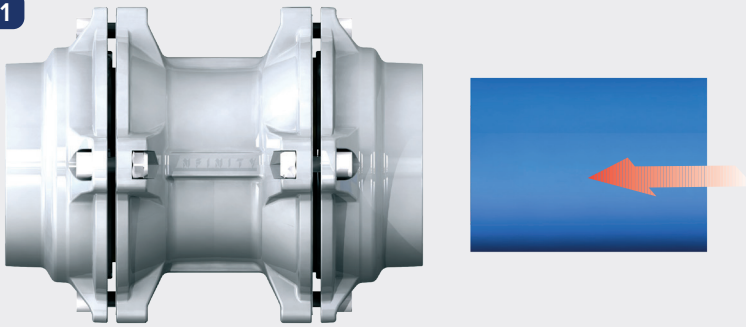
SPECIFICATIONS & ASSEMBLING GUIDE



ASSEMBLING Ø80 | Ø168

- 1 Fittings of Ø80 | Ø168 are pre-assembled with four screws untwisted to help tube connection. Tubes of 4m and 6m are pre-coated, calibrated and burred.
- 2 Push tube into the fitting for automatic connection and tighten in the recommended sequences below. Tighten the nut using torques as in the chart.

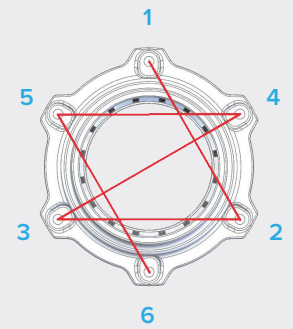
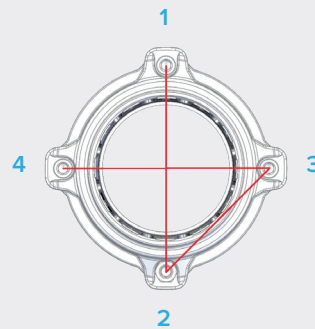
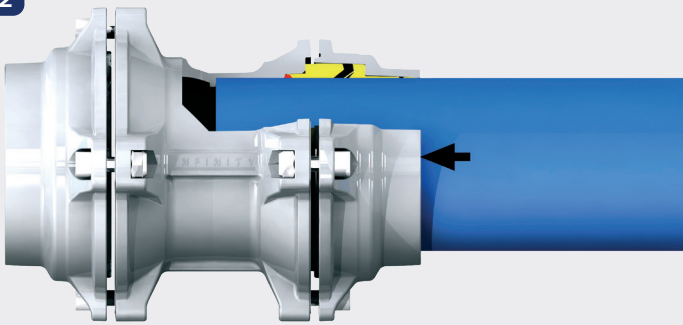
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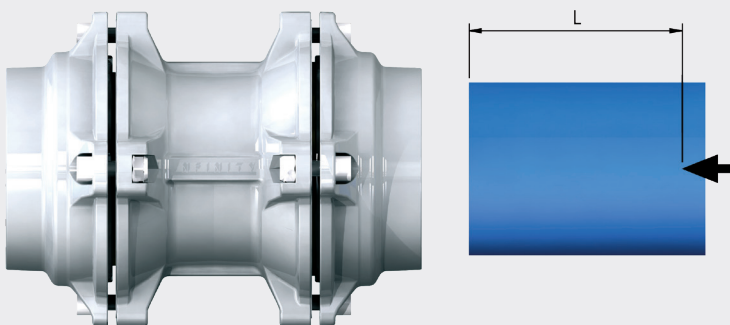
Ø mm	Torque Specifications
80	30 Nm
110	30 Nm
168	60 Nm

2



TUBE CONNECTION

The correct tube connection of tube is confirmed by the position of the arrow pre-stamp. If you need to cut the tube, mark the distance of tube to insert in the fitting.



Ø mm	L mm
80	91
110	125.5
168	193

