

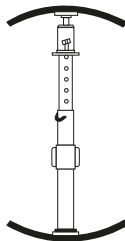
Ovality correction

DN ≥ 800

The contractor is responsible for analyzing and eliminating any risks during installation (especially the use of personal protective equipment).

TACKLE ref. 225018 (DN 800 to 1000) - ref. 158333 (DN 1200 to 2000)

- Hydraulic jack
- Adjustable support



Using a circometer, ensure that the outer diameter complies with the following values:

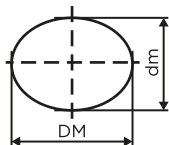
DN	Outside diameter OD (mm)	
	Nominal value	Limit deviations
800	842	+1/-4.5
900	945	+1/-4.8
1000	1048	+1/-5.0
1100	1152	+1/-6.0
1200	1255	+1/-5.8
1400	1462	+1/-6.6
1500	1565	+1/-7.0
1600	1668	+1/-7.4
1800	1875	+1/-8.2
2000	2082	+1/-9.0

Excerpt from EN 545 - Table 15

However, pipes may become oval-shaped due to transportation and handling, meaning that fittings cannot be assembled correctly.

1 CHECK THE OVALITY

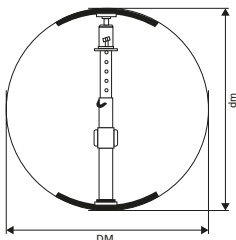
$$\text{Ovality (\%)} = \frac{DM-dm}{DM+dm} \times 100$$



DM: maximum diameter measured
dm: minimum diameter measured

2 POSITION

Position the parts according to the diagram while respecting the ovalization position.



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3 ADJUST

Adjust the support according to the diameter.

4 OPERATE

Operate the jack and **check** that the spigot is perfectly round.

5 CHECK

Ensure that the procedure has not damaged the cement lining.

6 ASSEMBLE

With the device still in position, **assemble** the joint.