

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Swage type couplings

with type designation(s)
PreFis-XL

Issued to

Benteler Distribution Deutschland GmbH & Co. KG
Falkensee Brandenburg, Germany

is found to comply with

DNV GL rules for classification – Ships Pt.4 Ch.6 Piping systems
DNV GL class programme DNVGL-CP-0185 – Type approval – Mechanical joints

Application :

Products approved by this certificate are accepted for installation on all vessels classed by DNV GL.

Temperature range: -55°C to 400°C, see cert.
Max. working press.: Dep. on size and material, see cert.
Sizes: Pipe O.D. 10.0 mm to 88.9 mm

Issued at **Høvik** on **2018-01-09**

This Certificate is valid until **2023-01-08**.

DNV GL local station: **Magdeburg**

Approval Engineer: **Christian Kaemmer**



for **DNV GL**

Digitally Signed By: Drews, Olaf

Location: DNV GL Hamburg, Germany

Signing Date: 16.01.2018

Olaf Drews
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

