

# APPROVAL OF MANUFACTURER CERTIFICATE

**This is to certify:****That****Flanschenwerk Bebitz GmbH  
Lebendorfer Str. 1, Könnern / OT Bebitz, Germany**is an approved manufacturer of  
**Steel Forgings**in accordance with  
**DNV GL rules for classification – Ships  
DNV GL offshore standards**

and the following particulars:

<b>Steel type(s)</b>	<b>Carbon and carbon-manganese, Alloy, Austenitic stainless, Austenitic-ferritic stainless</b>
<b>Max. weight</b>	<b>600 kg</b>
<b>Max. diameter:</b>	<b>DN 10 - DN 1400</b>
<b>Remarks</b>	<b>Including grades according to international standards for approved applications, see particulars of the approval</b>

Manufacturer(s) approved by this certificate is/are accepted to deliver according to DNV GL, DNV and GL rules. Materials to be applied to DNV GL classed object shall fulfill the material requirements in the applicable DNV GL class rules.

Issued at **Hamburg** on **2016-08-29**for **DNV GL**This Certificate is valid until **2019-06-30**.  
DNV GL local station: **Hamburg**Approval Engineer: **Christian Wildhagen**

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**Thorsten Lohmann  
Head of Section**

## Particulars of the approval

### Forgings:

Standard	Product	Supply Condition	Diameter, max.	Weight [kg], max.
EN 10025	FT, FL	Acc. to standard	DN 10 - DN 1400	600
EN 10088-1, -2, -3	FT, FL	Acc. to standard	DN 10 - DN 1400	600
EN 10222-1, -2, -3, -4, -5	FT, FL	Acc. to standard	DN 10 - DN 1400	600
ASTM A350	FT, FL	Acc. to standard	DN 10 - DN 1400	600
ASTM A694	FT, FL	Acc. to standard	DN 10 - DN 1400	600
ASTM A105	FT, FL	Acc. to standard	DN 10 - DN 1400	600
ASTM A182	FT, FL	Acc. to standard	DN 10 - DN 1400	600

FT: fittings      FL: flanges