



# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:  
**AMMM00000YS**  
Revision No:  
**3**

This is to certify:

That

**H. Honert jr. oHG**  
**Am Pickhammer 7, 58802 Balve-Garbeck,**  
**Germany**

is an approved manufacturer of  
**Bolt and Nuts**

in accordance with  
**DNV rules for classification – Ships**  
**DNV class programme – DNV-CP-0247 Steel forgings**

and the following particulars:

<b>Products</b>	<b>Fasteners and connecting elements such as bolts and nuts</b>
<b>Grade(s)</b>	<b>Alloy,</b> <b>Martensitic stainless</b>
<b>Dimensions</b>	<b>Diameter max. 120 mm</b>
<b>Heat treatment condition</b>	<b>See page 2</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 classed object shall fulfill the material requirements in the applicable DNV class rules.

Issued at **Hamburg** on **2025-01-07**

This Certificate is valid until **2027-12-31**.

DNV local unit: **Essen**

Approval Engineer: **Christian Wildhagen**



for **DNV**

This document has been digitally signed and will  
therefore not have handwritten signature

Stefan Röhr

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

## Particulars of the approval

### Bolts and nuts:

Grade	Heat treatment condition <sup>2)</sup>	Diameter, max. [mm]	Weight, max. [kg]
<b>Alloy steels acc. to ISO 898-1, ISO 898-2, EN 10083-3 and/or ISO 683-2</b>			
34CrMo4	QT	120	800
25CrMo4			
42CrMo4			
30CrNiMo8			
34CrNiMo6			
<b>Martensitic stainless acc. to EN 10088-3 <sup>1)</sup></b>			
1.4313	QT	120	800
1.4418			
1.4057			

Remark:

- <sup>1)</sup> For applications considered to be subject to special approval
- <sup>2)</sup> QT: quenched + tempered

Special condition:

Heat treatment outsourced to DNV-approved workshop