

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Adjustable steel chocks for propulsion and auxiliary machinery**

with type designation(s)

RC2, RC3, RC4, RC4.5, RC5, RC6, RC7, RC8, RC9, RC10, RC3-SL, RC4-SL, RC5-SL, RC6-SL, RC7-SL

Issued to

**Chock Design
Ridderkerk, Netherlands**

is found to comply with

DNV GL rules for classification – Ships**Application :****The approval is valid for use as adjustable steel chocks for marine use i.e. for installation of propulsion engines, auxiliary engines and other machinery components.****Products approved by this certificate are accepted for installation on all vessels classed by DNV GL.**Issued at **Høvik** on **2018-04-13**This Certificate is valid until **2021-12-12**.for **DNV GL**DNV GL local station: **Rotterdam, Offshore & Newbuilding**Approval Engineer: **Nadine Grace Mosteiro Halvorsen****Oddvar Deinboll
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.



Job Id: **262.1-010324-4**
Certificate No: **TAM00000UY**

Product description

Universal adjustable steel chocks.

Application/Limitation

The chocks are approved for use for installation of propulsion engines, auxiliary engines and other machinery components.

Maximum load according to data sheet Dimensions & Ratings stamped by DNV 2010-09-28.

Type Approval documentation

Tests carried out

Test report from testing carried out at Westmoreland Mechanical Testing & Research, Inc. dated 2009-09-08.

Other conditions

Installation of the RotaChock elements to be done according to RotaChock Installation Instructions

The mounting arrangement for propulsion engines including project calculations have to be submitted for approval either by the engine maker or by Chock Design.

VL Product Certificate is not required.

Marking of product

The product to be marked with manufacturer's name or trademark and type number identification.

Periodical assessment

For retention of the Type Approval, a DNV GL surveyor shall perform an assessment after 2 years and after 3.5 years, both referring to the issue date of the Type Approval Certificate to verify that the conditions of the Type Approval are complied with. A renewal assessment will be performed at renewal of the certificate.

In cases where the Type Approved product is manufactured at other companies, the Periodical Assessment shall verify that the Type Approval applicant has a quality control system for consistent production at their licensees/subcontractors. Furthermore, periodical Assessment shall be carried out randomly at these companies.

END OF CERTIFICATE