



Certificate no.:
TAS00004XJ

TYPE APPROVAL CERTIFICATE

This is to certify:

that the **Cargo Securing Devices**

with type designation(s)
CS16ST & 3gb161000330

issued to

TT Endustriyel Ambalaj Makine San. Tic. A.S
TEKIRDAG, Türkiye

is found to comply with

EN 12195-2 Load restraint assemblies on road vehicles – Safety – Part 2: Web lashing made from man-made fibres

Application:

One way lashing

Break load test results:

test no.	strapping	system
1.	431 daN	764 daN
2.	442 daN	763 daN
3.	444 daN	747 daN

First value: breaking strength of one strapping only

Second value: system breaking strength of one loop of strapping connected by the mentioned buckle

Linear testing only

Place and date of test: Tekirdağ, 2025-03-25

Issued at **Hamburg** on **2025-07-25**

This Certificate is valid until **2030-07-24**.

for **DNV**

DNV local unit: **Istanbul**

Approval Engineer: **Joachim Rehbein**

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.

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.

Product description

Web lashing consists of the following parts:

Strapping: CS16ST – High tenacity polyester fiber; 16mm
Tension retaining device: 3gb161000330 - Galvanized Wire Buckle, diameter 3mm

Manufacturer:

TT Endustriyel Ambalaj Makine San. ve Tic. A.S.
Velimeşe Organize Sanayi Bölgesi Mahallesi 227. Sokak 3/1, 59 930 / Ergene - Tekirdağ - TURKEY

Application/Limitation

One-Way Lashing

Any change in production method, material or change of manufacturing site will render this certificate invalid.

This Type Approval certificate is not valid for designs, components, equipment, systems or products which are subject to classification by DNV.

Type Approval documentation

Tests carried out

Tension tests carried out according to DIN EN 12195-2, para. 6.3, three times with webbing only and three times with one loop of webbing closed with mentioned buckle.

Marking of product

The product to be marked with manufacturer's name or trademark and type number identification and according to requirements in mentioned standard.

The marking is to be carried out in such a way that it is visible, legible and indelible. The marking of product is to enable traceability to the DNV Type Approval Certificate.

Periodical assessment

The scope of the retention survey is to verify that the conditions stipulated for the Type Approval is complied with and that no alterations are made to the product design or choice of materials.

For retention of the Type Approval, a DNV Surveyor shall perform periodical assessment after 2 years and after 3.5 years to verify that the conditions for the Type Approval are complied with. Refer to DNV-CP-0338, Sec.4.

This certificate is only valid if required periodical assessments are carried out with satisfactory results. To check the validity of this certificate, please look it up in <https://approvalfinder.dnv.com>.

END OF CERTIFICATE