Certificate No: LR26479099CSF
Issue Date: 05/10/2026
Expiry Date: 04/10/2031

General Approval of a Freight Container Securing Fitting

Company **SEC Ship's Equipment Centre**

Address Bremen GmbH & Co. KG, Speicherhof 5, Bremen, 28217, Germany

This certificate is issued to above to certify that the undernoted container securing fittings have been granted approval in accordance with the requirements of the rules and regulations for the classification of ships Part 3, Chapter 14 - Cargo Securing Arrangements.

Description Fully Automatic Twistlock

Model CSF 2760 TL-FA/HL/28 (P-TL9300)

Application Securing device for use as part of a container securing system for ISO freight containers on-board ship.

Ratings Maximum safe working load not exceeding the following values:

Tension: 250 kN
Shear: 150 kN
Compression: 1200 kN

VERTICAL CLEARANCE measured: 11mm @250 kN
VERTICAL CLEARANCE including abrasion addition for calculations: 12mm

Approval Documentation

Drawing Number	Date Of Approval	DAD Number
P-TL 9300	10 Aug 2026	HAM2606703 - FDD - PDF - 001

Downloaded Copy

Royce Liu
Ship Structure - Senior Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

Certificate No: LR26479099CSF
Issue Date: 05/10/2026
Expiry Date: 04/10/2031

General Approval of a Freight Container Securing Fitting

Test

The prototype tests have been witnessed by the Society's Surveyors and reported in certificate dated 28.09.2026.
The function test dated 22.09.2026 at Drehtainer GmbH has been witnessed by Specialists from Hamburg TSO.

Other Conditions

This approval is granted subject to the following conditions and operational restrictions:
a) Special attention is to be paid if separation forces are calculated to occur simultaneously at both corners of a container end wall (either door or closed end) for any of the ship motions as given in as in Part 3, Chapter 14, Section 8.2.3 of the Rules, i.e. roll, pitch or combined motions as applicable. If separation forces are calculated additional securing fittings, e.g. lashing rods should be applied.
b) The fitting is generally not permitted at the bottom tier of all containers stowed on deck or on hatch covers and bridging hatch covers and container stanchions.
c) If the fitting is used as securing element as part of a Cargo Securing Manual the Manual is to include the information regarding the limitations stated in paras. a) & b) above.
d) The approval of the fitting will remain to be subject of satisfactory service experience, and Lloyd's Register reserves the right to require remedial measures if service experience should show reasons for concern.

Fittings are to be installed in accordance with the approved plans and operated in accordance with the Manufacturer's recommendations and directions. This certificate is valid until the expiry date or any relevant changes to our rules, whichever comes first.

Downloaded Copy

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.