Certificate No: LR21282596TA
Issue Date: 23/05/2021
Expiry Date: 22/05/2026

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**Fujikin Incorporated**
Address	1000-45 Enmyo-cho, Kashiwara, Osaka, 582-0027, Japan
Place of Production	Fujikin Incorporated 1000-45 Enmyo-cho, Kashiwara, Osaka, 582-0027, Japan
Type	Mechanical Pipe Joints
Description	Stainless steel compression type mechanical tube fittings
Trade Name	V-Lok series mechanical tube fittings
Application	Hydraulic & pneumatic fluid gas, lubricating oil,fuel oil and instrument control system
Specified Standard	Lloyd's Register Rules and Regulations for Classification of Ships Part 5, Chapter 12, July 2021
Ratings	Nominal Diameter : from 1/8" to 1" (from 3mm to 25mm) Design Pressure : from 32.4 MPa to 75.5 MPa (depending on Nominal Diameter)
Other Conditions	1) The fittings are to be installed in accordance with the manufacturer's instructions. 2) Attention is drawn to Section 3.6 of IMOMSC/Circular.851 - Guidelines on

Downloaded Copy

Yasushi Sawada

Lead Surveyor to Lloyd's Register Group Ltd
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: LR21282596TA
Issue Date: 23/05/2021
Expiry Date: 22/05/2026

Type Approval Certificate

Engine-Room Oil Fuel Systems - which describes that compression couplings require careful attention to tightening procedures and torques to avoid leaks or damage to the pipe when subjected to overtightening and they should not be used in the fuel supply line of the (oil engine) injection pumps and spill system.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register Group Ltd of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: 16/10012

The Design Appraisal Document LR21282596TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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.