Certificate No: LR21287876TA
Issue Date: 28/06/2021
Expiry Date: 27/06/2026

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	**DK-LOK CORPORATION**
Address	7, Golden root-ro 129beon-gil,, Juchon-myeon, Gimhae-si, Gyeongnam, 50969, Republic of Korea
Type	Compression Fittings
Description	Carbon steel and stainless steel single compression type tube fittings, inch and metric sizes
Trade Name	DK Bite Type Fitting
Application	High pressure tube connections for use in marine, offshore and industrial piping systems with hydraulic system fluids, fuel oil, lubricating oil, fresh water, salt water, sanitary, gas, steam and condensate.
Specified Standard	Lloyd's Register's Rules and Regulations for the Classification of Ships, Part 5,Chapter 12 – July 2020 JISB 2351 – 1990: 25 MPa bite type tube fittings for hydraulic use
Ratings	Imperial Tubing:-

Tube O.D. (inch)	Normal pressure ratings (kgf/cm^2)
1/8	500

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1/4	500
3/4	400
1/2	400
3/4	350
1	250
1-1/4	210
1-1/2	210
2	210
3	500
4	500

Metric Tubing:-

Tube O.D(mm)	Normal pressure ratings (kgf/cm²)
6	500
8	500
10	500
12	500
16	400
18	400
20	400
22	400
25	350
28	350
32	250
38	250
40	210
42	210

Pressure-temperature ratings : see the producer's catalogue

Other Conditions

1) The fittings are to be installed in accordance with the manufacturer's instructions.
2) Attention is drawn to Section 1.3.6 of IMO MSC/Circ.1321 – Guidelines for Measures to prevent Fires in Engine–Rooms and Cargo Pump-Rooms which describes that compression couplings require careful attention to tightening

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procedures and torques to avoid leaks or damage to the pipe when subjected to over-tightening 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 Asia of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR21287876TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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