

Type Approval Certificate



Germanischer Lloyd

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

Certificate No. **40 505 - 01 HH**

Company **DK TECH Corporation**
826, Naesam-Ri, Juchon-Myeou
Gimhae-City, Gyeongnam 621-841, Rep. of KOREA

Product Description **PIPE UNIONS**

Type **Dk-Lok TUBE FITTINGS**

Environmental Category **None**

Technical Data /
Range of Application **TECHNICAL DATA**
Material: Stainless Steel
Elastomere seals: NBR FPM PTFE
Temperature range [°C] - 40 to 100 - 20 to 200 - 60 to 240
Nominal pressure PN [bar]: According to page 2 of this certificate
RANGE OF APPLICATION

- Piping systems on ships and other structures classed by Germanischer Lloyd.
- Max. allowable working pressure acc. to temperature de-rating factors specified in the catalogue no. 01-2
- The selection of the pipe unions for the corresponding service and the right installation are to be in accordance with the instructions of the manufacturer.

LIMITATIONS
Pipe unions with elastomer seals are not approved within machinery spaces for the use in fuel-, lubricating-, hydraulic oil, sea water and bilge piping systems.
Threaded bulkhead pipe unions are not approved through watertight bulkheads.

Test Standard

- Regulations for the Performance of Type Tests, Part 6-Test Requirements for Mechanical Components and Equipment:1998, IACS UR P2.11:2001

Documents

- Test reports of tests carried out from 11.04.01 to 18.05.01
- Catalogue No. 01-2

Remarks **None**

Valid until **2011-06-26**

Page **1 of 2**

File No. **II.C.05**

Hamburg, **2006-09-01**

Type Approval Symbol



Germanischer Lloyd

Günter Hölzer

Hagen Markus



Germanischer Lloyd

Type Approval Certificate

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

Certificate No. **40 505 - 01 HH**

TECHNICAL DATA

Tube O.D. [inches]	Nominal Pressure PN [bar]
1/8"	766,0
3/16"	717,0
1/4"	717,0
5/16"	562,0
3/8"	457,0
1/2"	436,0
5/8"	422,0
3/4"	408,0
7/8"	330,0
1"	330,0
1 1/4"	337,0
1 1/2"	345,0
2"	253,0

Valid until **2011-06-26**

Page **2 of 2**

Type Approval Symbol



File No. **II.C.05**

Hamburg, **2006-09-01**

Germanischer Lloyd

G. Hölzer
Günter Hölzer

H. Markus
Hagen Markus

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".