

# 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. 44 880 - 07 HH

Company BMT Co., Ltd.  
21-1 Bukjeong-dong Yangsan  
Gyeongsangnamdo 626-110, KOREA, REPUBLIC OF

Product Description PIPE UNIONS

Type Superlok Tube Fittings

Environmental Category None

Technical Data / TECHNICAL DATA

Range of Application Material: Stainless steel SS316  
Metallic sealing with cutting ring  
Temperature range [°C]: -55 up to +400  
Nominal Pressure PN [bar]: refer to page 2

#### RANGE OF APPLICATION

The above mentioned pipe unions of type superlok are type approved as compression coupling for the use in piping systems according the Rules I-1-2 Machinery Installations, Section 11, Table 11.13 / 11.14, compression coupling, bite type, fire resistant.

#### LIMITATIONS

Threaded bulkhead pipe unions are not approved through watertight bulkheads.

Test Standard VI-7-8: Test Requirements for Components and Systems of Mechanical Engineering and Offshore Technology, Edition 2008.

Documents  
- Test report BTR-S070430-01  
- Manufacturing Inspection and Test Plan BMT-ITP-601  
- Product catalogue BMT CTF-3 (05.01.06)  
- GL Approval Ref.-No.: 12-050446

Remarks 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.

Valid until 2017-06-13

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Type Approval Symbol



File No. ILC.05

Hamburg, 2012-05-15

Germanischer Lloyd

*Hanspeter Raschle*  
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## TECHNICAL DATA

Tube O.D. [ inches ]	Nominal Pressure PN [bar]
1/8"	752,0
3/16"	703,0
1/4"	703,0
5/16"	552,0
3/8"	448,0
1/2"	462,0
5/8"	414,0
3/4"	400,0
7/8"	331,0
1"	324,0

Tube O.D. [mm]	Nominal Pressure PN [bar]
4	993,0
6	876,0
8	703,0
10	552,0
12	497,0
16	469,0
18	462,0
20	414,0
22	372,0
25	359,0

The pressure reduction factors for service temperatures above 50°C are to be observed.

Valid until 2017-06-13

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Type Approval Symbol



File No. II.C.05

Hamburg, 2012-05-15

**Germanischer Lloyd**

*i.v. Hansp. Raschle*  
Hanspeter Raschle

*i.v. J. Dudzusz*  
Sven Dudzusz

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