



NIPPON KAIJI KYOKAI

TYPE APPROVAL CERTIFICATE

Certificate No. TA19389M

This is to certify that the undernoted product(s) has/have been approved in accordance with the relevant requirements of 12.3.3, Part D of the “Rules for the Survey and Construction of Steel Ships” and Chapter 9, Part 6 of the “Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use”.

This certificate is issued to

Manufacturer:	BMT Co., Ltd., Yangsan, Korea
Product description:	Mechanical Joint
Type of Joint:	Compression Coupling (Bite Type)
Type designation(s):	Superlok Tube Fitting Bite Type Tube Fitting for JIS & KIS
Approval No.:	07FV104B
Valid until:	7 October 2024

This certificate is subject to the conditions specified in the attached sheet(s).

Issued at Tokyo on 8 October 2019.


T. Shimada
General Manager
Machinery Department



•Particulars and Conditions

Type : Superlok Tube Fitting

Nominal Diameter	:	1/16 – 1 inch (3 – 25 mm)
Design Pressure	:	As per manufacture's specification
Material	:	SUS316
Kind of Fluid	:	Lubricating oil, Hydraulic oil, Fresh water, Sea water, Air, Steam

Type : Bite Type Tube Fitting for JIS & KIS

Nominal Diameter	:	4 – 50 mm
Design Pressure	:	49 MPa (4 – 15 mm)
(Nominal Diameter)		39.2 MPa (16 – 22 mm)
		34.3 MPa (25 – 28 mm)
		24.5 MPa (30 – 38 mm)
		20.58 MPa (40 – 50 mm)
Material	:	SUS316
Kind of Fluid	:	Lubricating oil, Hydraulic oil, Fresh water, Sea water, Air, Steam

•Application

The joints can be used for the piping lines in accordance with table D12.8 and D12.9, Part D of the Rules for the Survey and Construction of Steel Ships.

•Type Approval Tests Carried Out

Tightness test, Vibration test, Pressure pulsation test, Burst pressure test, Pull-out test,
Repeated assembly test

•Drawings

BMT-070919-01, BMT CTF-5(07.05.02), BMT CTJ-1(07.04.30)

•Production Test

The pipe joints used for lines belonging to Group I or II defined by the requirements 12.1.3, Part D of the Rules are to be subjected to hydraulic test in the presence of the Society's surveyor in accordance with the requirements 12.6.1, Part D of the Rules.