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Certificate No: LR21394055TA Issue Date: 15/10/2021 Expiry Date: 14/10/2026

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	Hilti Corporation
Address	Feldkircherstrasse 100, 9494 Schaan, Principality of Liechtenstein
Place of Production	Hilti Corporation
	Feldkircherstrasse 100, 9494 Schaan, Principality of Liechtenstein
Туре	Mechanical Fastening System
Description	Hilti S-BT mechanical fastening system, comprising Hilti fastening tool & drill bit.
Trade Name	Hilti S-BT screw-in stainless steel and carbon steel threaded studs.
	S-BT-MR M10/15 SN 6 S-BT-GR M8/7 SN6 S-BT-ER M10/15 SN 6 S-BT-MR MT M10/15 SN 6 S-BT-GR M8/7 NG SN 6 S-BT-ER W10/15 SN 6 S-BT-MR M10/15 SN 6 AL S-BT-GR M8/7 SN6 AL S-BT-ER M8/15 SN 6 S-BT-MR W10/15 SN 6 AL S-BT-GF M8/7 AN6 S-BT-EF M10/15 AN 6 S-BT-MR W10/15 SN 6 AL S-BT-GF M8/7 NG AN6 S-BT-EF W10/15 AN 6 S-BT-MF M10/15 AN 6 S-BT-GR M8/7 SN5 S-BT-EF W10/15 AN 6 S-BT-MF M10/15 AN 6 S-BT-GR M8/7 SN5 S-BT-EF M10 HC35 S-BT-MF W10/15 AN 6 X-FCM-M S-BT-ER W10 HC AWG2 S-BT-MR W10/15 SN 5 X-FCM-F S-BT-ER W10 HC AWG4/0 S-BT-MR M8/15 SN 6 X-FCM-R S-BT-EF W10 HC AWG2 S-BT-MR M8/15 SN 6 AL X-FCM-F NG S-BT-EF W10 HC AWG4/0 S-BT-MF M8/7 SN 6 X-FCM-R NG S-BT-EF W10 HC AWG4/0 S-BT-MF M8/7 SN 6 X-FCM-R NG S-BT-EF W10 HC AWG4/0

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S-BT-MF MT M8/7 SN 6 S-BT-MR M8/7 SN 6 AL



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Application Fastenings in marine, offshore and industrial environments.

Specified Standard Hilti screw-in threaded studs are intended to be used for redundant multiple

fastening and group fastening of non-structural components as following

standards

Hilti SF-Development Report XSMSse-01-16 Hilti SF-Development Report XSMSse-01-17 Hilti SF-Development Report XSMSse-02-18 Hilti SF-Development Report XSMSse-02-20

Hilti S-BT screw-in threaded studs- Specification binder (Edition 12/2020) Hilti Product Data Sheet – S-BT screw-in stainless steel and carbon steel

threaded studs, (Edition 07/2021)

Hilti Product Data Sheet - S-BT ER and S-BT-EF screw-in threaded studs for

electrical connections, (Edition 12/2020)

Hilti Product Data Sheet – X-FCM Grating Fastening System (Edition 07/2021) Hilti Product Data Sheet – X-FCM NG Grating Fastening System (Edition

09/2021)

European Assessment Document EAD 333037-00-0602: Threaded studs for connection of materials to structural steel and aluminium members

Other Conditions The minimum strength of the base material must be as stated in the Hilti S-BT

Threaded Fastener Specification.

The end user must ensure that the base and fastened materials possess adequate corrosion resistance for the environments in which they are to be

used.

For use on LR Classed ships, the locations and systems for which they are to be

used are to be to the satisfaction of the attending surveyor.

Fatigue Classification in accordance with EN 1993-1-9:2005 – Eurocode 3:

Design of steel structures, equivalent to category 100 m=5.

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 EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: 16-00063(E2)

The Design Appraisal Document LR21394055TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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