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, Schaan, FL-9494, Liechtenstein
Place of Production	Hilti Corporation Feldkircherstrasse 100, Schaan, FL-9494, Liechtenstein
Type	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.
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

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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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