



Lloyd's
Register

Type Approval Certificate Extension

This is to certify that Certificate No. 16/ 00063 for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER	Hilti Corporation
PLACE OF PRODUCTION	Feldkircherstrasse 100 9494 Schaan Principality of Liechtenstein
DESCRIPTION	Hilti S-BT mechanical fastening system, comprising Hilti fastening tool & drill bit.
TYPE	Hilti S-BT screw-in stainless steel and carbon steel threaded studs.

S-BT-MR M10/15 SN 6	S-BT-ER M10/15 SN 6
S-BT-MR M10/15 SN 6 AL	S-BT-ER W10/15 SN 6
S-BT-MR W10/15 SN 6	S-BT-ER M8/15 SN 6
S-BT-MR M10/15 SN 6 AL	S-BT-EF M10/15 AN 6
S-BT-MF M10/15 AN 6	S-BT-EF W10/15 AN 6
S-BT-MF W10/15 AN 6	S-BT-EF M8/15 AN 6
S-BT-MR M10/15 SN 5	
S-BT-MR W10/15 SN 5	
S-BT-MR M8/15 SN 6	
S-BT-MR M8/15 SN 6 AL	
S-BT-MR M8/7 SN 6	
S-BT-MR M8/7 SN 6 AL	

Certificate No.	16/ 00063(E1)
Issue Date	13 March 2018
Expiry Date	7 September 2021
Sheet	1 of 3



LR427.2013.12

J J Baghurst
Marine Technology & Engineering Services, London or Southampton
Lloyd's Register EMEA

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS

Lloyd's Register EMEA
Is a subsidiary of Lloyd's Register Group

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Lloyd's
Register

S-BT-GR M8/7 SN 6
 S-BT-GR M8/7 SN 6 AL
 S-BT-MF M8/15 AN 6
 S-BT-MF M8/7 AN 6
 S-BT-GF M8/7 AN 6
 S-BT-MR M8/15 SN 5
 S-BT-MR M8/7 SN 5
 S-BT-GR M8/7 SN 5

Composite Fasteners

X-FCM
 X-FCM-M
 X-FCM-R

APPLICATION

Fastenings in marine, offshore and industrial environments.

STANDARD

Hilti SF-Development Report XSMSse-01-16
 Hilti SF-Development Report XSMSse-01-17
 Hilti Direct Fastening Technology Manual – S-BT product pages” (Edition 08/2017)
 Hilti S-BT screw-in threaded studs – Specification binder” (Edition 08/2017)
 Hilti Direct Fastening Technology Manual – S-BT-ER and S-BT-EF screw-in threaded studs for electrical connections” (Edition 08/2017)

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.

Certificate No.

16/ 00063(E1)

Issue Date

13 March 2018



Expiry Date

7 September 2021

Sheet

2 of 3

J J Baghurst
 Lloyd's Register EMEA

Lloyd's Register

LR427.2013.12

J J Baghurst
 Marine Technology & Engineering Services, London or Southampton
 Lloyd's Register EMEA

Lloyd's Register EMEA
 71 Fenchurch Street, London EC3M 4BS

Lloyd's Register EMEA
 Is a subsidiary of Lloyd's Register Group

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Lloyd's
Register

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.”

The attached Design Appraisal Document No. UKITSO/31286811/ENG-TA and its supplementary Type Approval Terms and Conditions form part of this Certificate

All other details remain as the previous Certificate No. 16/00063 to which this extension should be attached.

Certificate No. 16/ 00063(E1)
Issue Date 13 March 2018
Expiry Date 7 September 2021
Sheet 3 of 3

J J Baghurst
Lloyd's Register EMEA

LR427.2013.12

J J Baghurst
 Marine Technology & Engineering Services, London or Southampton
 Lloyd's Register EMEA

*Lloyd's Register EMEA
 71 Fenchurch Street, London EC3M 4BS*

Lloyd's Register EMEA
 Is a subsidiary of Lloyd's Register Group

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.