

# HILTI

**Hilti X-BT System**  
Threaded Stainless Steel  
Fastener for industrial and  
offshore applications



**Work without rework.**

**Hilti. Outperform. Outlast.**

# Hilti X-BT System

Threaded Stainless Steel  
Fastener for industrial and  
offshore applications

# HILTI

## Applications

- Fastenings of gratings, outfittings, cable trays, channels, struts, light duty electrical (T-bars) and much more
- Designed to work on steel thicknesses of 8 mm (5/16 ") and above
- Ideal for high strength as well as standard construction steel

## Advantages

- Easy and safe to use, no electrical cords or heavy equipment required
- No through-penetration of base material
- No rework
- Highly corrosion-resistant A4 (AISI 316) stainless steel

## Highlights

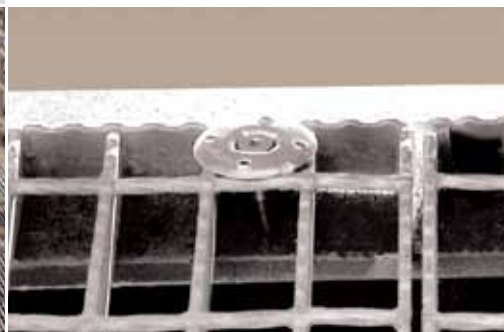
- High loading and pullout values equal, if not surpassing, most conventional techniques
- 100 studs per hour can be easily set by one user
- Lloyds Register, ABS, GL, UL and ICC approved

## On land, at sea, to steel.

The revolutionary fastener that makes rework a thing of the past.



Hilti X-BT is an innovative way of fastening to pre-painted steel without damaging the surface. Made of A4 (AISI 316) stainless steel, Hilti X-BT performance in corrosive environments is exceptional and makes it the perfect fastening solution for the offshore, shipbuilding and petrochemical industries. The system consists of three perfectly matching components: a cordless drill, a powder-actuated fastening tool and the unique X-BT threaded fastener.



Application Example: Fastening industrial grating to steel. Provides corrosion-resistant, secure and reliable fastening with good installation productivity and safety. Avoid corrosion and self-loosening concerns, no need for installation support underneath the grating.

Works well most steel profiles, e.g. tubular, channel sections, wide flanges and angles - forget the usual limitations of clamps!

# Hilti X-BT System

Threaded Stainless Steel  
Fastener for industrial and  
offshore applications

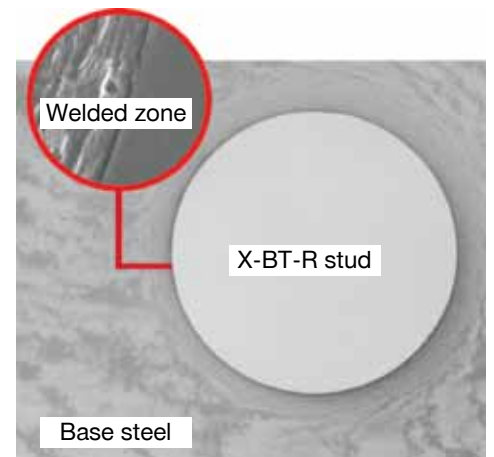


## Eliminate rework.



Tedious, time-consuming and hence costly rework commonly associated with stud welding disappears with Hilti X-BT. The stud with sealing washer is cleanly set in a small pre-drilled hole.

## Enjoy peace of mind.



The unique fastening technique of Hilti X-BT creates a true weld of the stud to the base material ensuring reliable high holding values.



Application example: Fastening of cable trays on racks, skids & beams.  
Highly productive and corrosion-resistant fastening with X-BT avoids time-consuming through-drilling and bolting or stud welding).

**HILTI**

**2** Years

**LIFETIME  
SERVICE**

**NO  
COSTS**

**Lifetime**

**Lifetime**

**REPAIR  
COST LIMIT**

**MANUFACTURER'S  
WARRANTY**

Anything but business as usual:  
First-class service for all Hilti tools –  
for the tool's entire lifetime!

### X-BT Stainless steel threaded studs

Ordering designation	Item no.
X-BT M6-24-6 SN12-R	432266
X-BT M8-15-6 SN12-R	377074
X-BT M10-24-6 SN12-R	377078
X-BT W6-24-6 SN12-R	432267
X-BT W10-24-6 SN12-R	377076

Box comprises: 100 studs, 1 power regulation guide, 1 coating protector, 1 TX-BT step drill bit  
X-BT stainless steel threaded studs, also available without sealing washer.  
X-BT M6 box also includes 100 nuts and washers.



X-BT M8



X-BT M10/W10



X-BT M6



X-BT W6



### Cartridges

6.8/11 M „high precision“ brown cartridge	377204
-------------------------------------------	--------

„high precision“ is a narrow energy band at a specific energy level

### Tools

X-BT Set for use with M10/W10	000000
X-BTG Set for use with M8	000000

Comprises: 1 DX 351 BT or BTG powder actuated tool, 1 BT cleaning kit,  
1 X-BT 4000-A cordless drill, 1 charger, 2 batteries, 1 information sheet,  
1 spray lube, 3 operating instructions, packed complete in a Hilti toolbox.



### Accessories

S-NSD 17 DW impact socket	388142
---------------------------	--------

to fasten M10 nuts on a X-BT M10 in e.g. MQ channels



### Productivity plus



Laser range meters for  
easy, accurate distance  
measurement



Rotating lasers for easy,  
accurate leveling and  
alignment



High-performance cord-  
less and corded screw-  
drivers with perfectly-  
matched accessories



Installation systems with pipe  
hangers, struts, connectors and  
unique design software.

## Hilti. Outperform. Outlast.

Hilti Corporation | 9494 Schaan | Liechtenstein | P +423-234 2111 | F +423-234 2965 | www.hilti.com