



**SFS**

# Self-tapping fastener **TDBL**

Easy, fast and secure connection  
of static loaded metal components

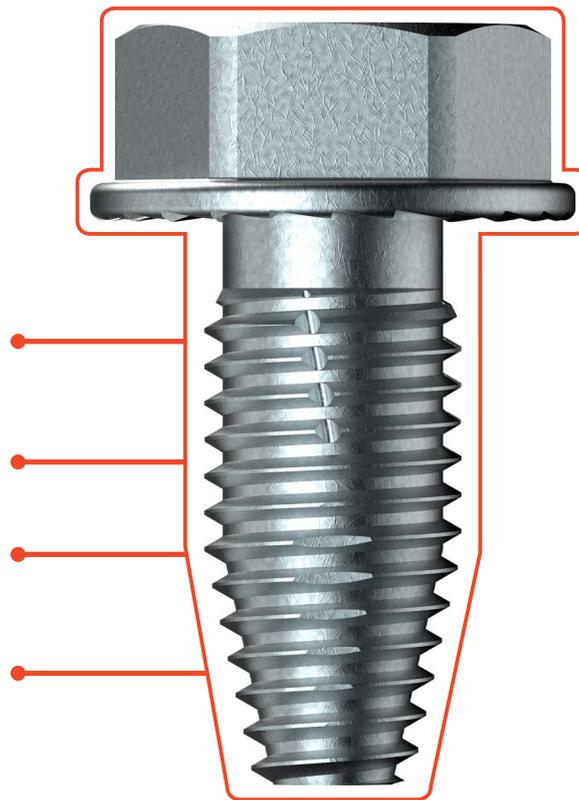
# Easy and fast

**Blind fastening**  
Assembly from one side

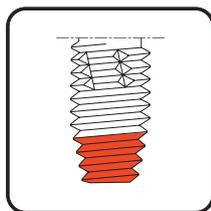
**Removable**

**Scroll chuck**  
using gimlet point tip

**Patent-registered**



Won't unwind



Self-tapping



User friendly



Approval

# It's time for a change of system to **TDBL**

**A more efficient and secure direct screw connection for supporting structures subject to static load.**

## **Time-consuming method**

Without the TDBL, connecting pre-drilled supports is time-consuming, requiring the use of standard bolts, washers and nuts.



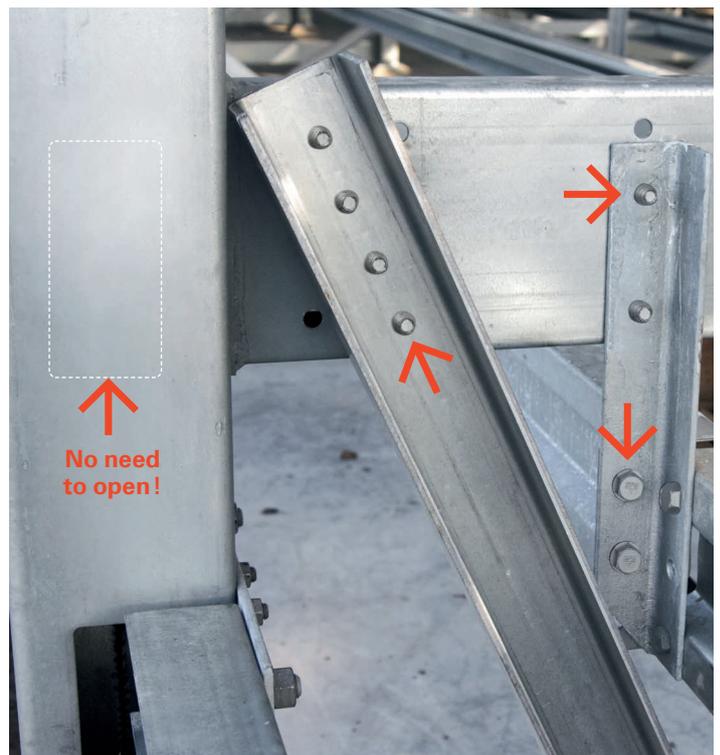
## **New, simple direct connection**

The self threading fastener, TDBL is inserted into the punched hole and effortlessly driven in using a cordless impact driver.



Using the traditional nut, bolt and washer method, the connection must be accessible from both sides. This can not only be time consuming and involve extra cutting, but requires enhancements in the column design to compensate for the weakness created by the opening, potentially impacting the structural performance.

The TDBL enables fast and easy installation from one side using a cordless impact driver - meaning it can be used in previously inaccessible or hard-to-reach places.



# A versatile fastening system – **TDBL**

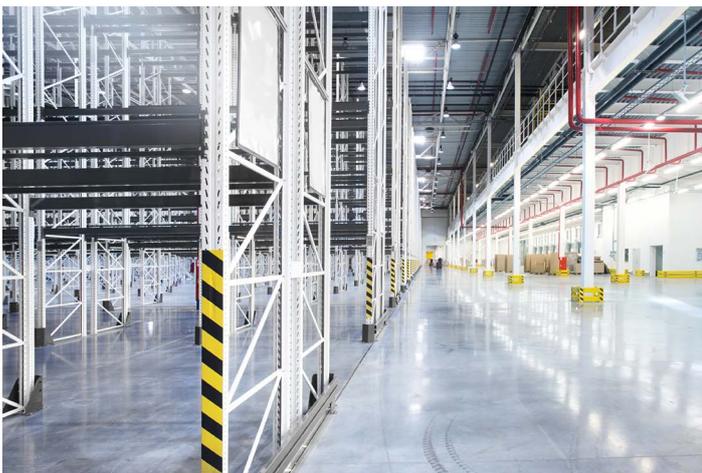
**High rack construction**



**Modern Methods of Construction**



**Platform construction**



**Shelf construction**



**Steelwork**



**Lightweight construction**





### **Easy**

- Only one type of fastener
- Easy positioning
- Only needs access from one side

### **Secure**

- Will not overdrive
- No unwinding

### **Fast**

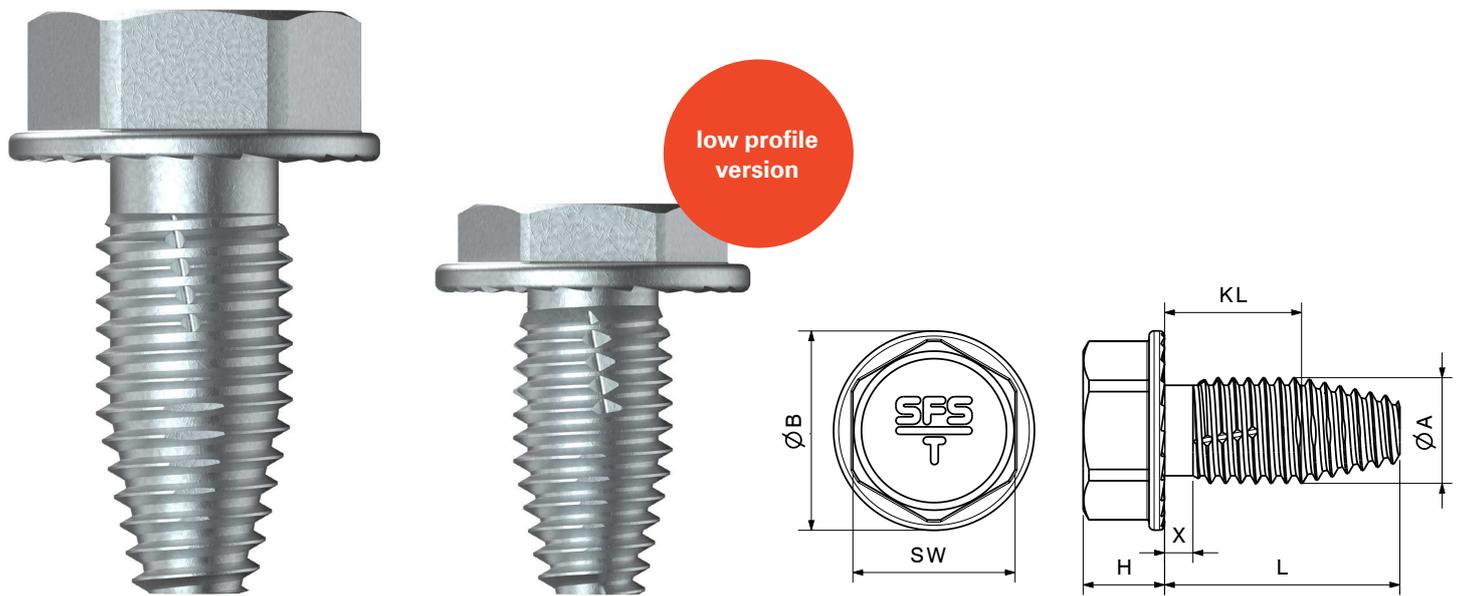
- Fast and user-friendly
- Supports one handed installation
- Self-tapping
- No need to add a nut

# Product range

## TDBL

**Self-tapping fastener  
for fastening in steel**

Steel grades up to S355, S450GD, HX460LAD



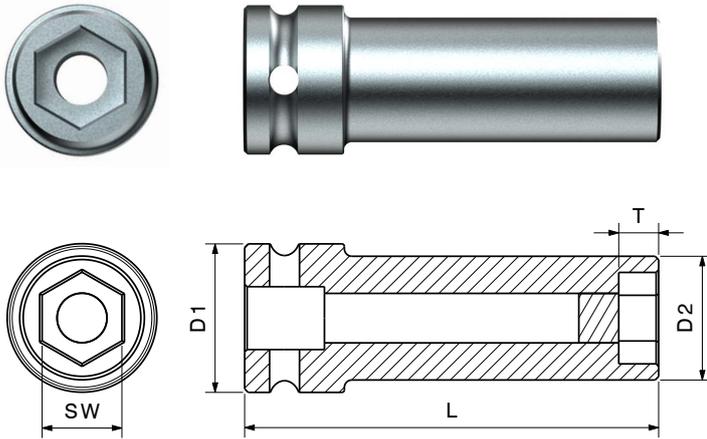
Product Code	Material number	KL [mm]	Ø A [mm]	L [mm]	X [mm]	Hexagon	SW [mm]	Ø B [mm]	H [mm]
nonut®-TDBL-T-8.6x16	1542214	9	8.6	16	2	✓	13	16	7
nonut®-TDBLF-T-F-8.6x16*	1541860	9	8.6	16	< 1	✓	13	16	4.7
nonut®-TDBL-T-10.6x23	1542223	13	10.6	23	3	✓	16	20	8
nonut®-TDBLF-T-10.6x23	1542229	13	10.6	23	< 1.5	✓	16	20	8
nonut®-TDBL-T-10.6x30	1542217	20	10.6	30	3	✓	16	20	8
nonut®-TDBL-T-10.6x50	1561761	40	10.6	50	3	✓	16	20	8
nonut®-TDBL-T-13.4x20	1542465	10	13.4	20	3	✓	16	20	8
nonut®-TDBLF-T-13.4x20	1542470	10	13.4	20	< 2	✓	16	20	8
nonut®-TDBLF-T-13.4x23	1589570	13	13.4	23	< 2	✓	16	20	8
nonut®-TDBL-T-13.4x30	1542212	20	13.4	30	3	✓	16	20	8

\*Low profile

# Accessories

**Use of impact driver with magnet to securely hold the fastener**

Supports installation with one hand



Product Code	Material number	Drive	SW [mm]	L [mm]	T [mm]	Hexagon	D1 [mm]	D2 [mm]
E313	508029	¼" hex.	13	50	6	✓	-	20
E513	1512203	½" sq.	13	100	6	✓	30	22
E416	1389740	½" sq.	16	38	7	✓	30	24
E516	1524373	½" sq.	16	90	7	✓	30	22

# Setting tool

**Impact driver**

Maximum torque depending on use 150–500 Nm





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