

**Hidden fastener solution TU-S**  
**Secure and easy attachment of HPL panels**



# Hidden solution and quick to install

## The SFS TU-S fastening system



### Easy

- no complex undercut hole necessary – simple standard hole sufficient
- no special tools to install necessary
- holes can be drilled on site
- quick and easy installation with the GESIPA PowerBird® Pro

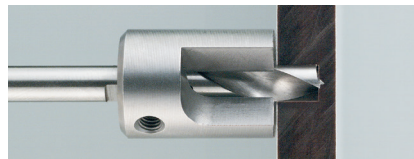
### Secure

- eliminates strip out
- high pullout values
- no unwinding
- one time removal possible

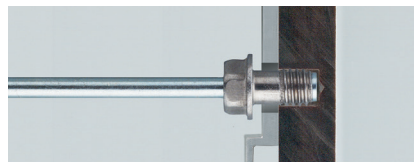
### 50% less installation time

The TU-S blind fastener from SFS is superior to previous approaches to the attachment of HPL cladding panels with regards installation and long-term security.

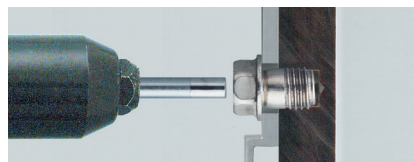
Installation can be performed quickly and securely by one person, without using special tools. Installation time can also be reduced by up to 50% compared with conventional blind attachments. The TU-S blind fastener can be removed once if required.



1. Pilot drilling in the HPL panel with the 6 mm dia. HSS blind hole drill with depth stop



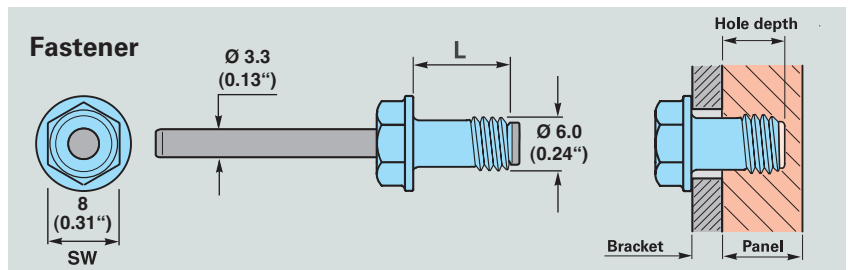
2. Position the pre-drilled bracket over the hole in the panel and push through the TU-S blind fastener



3. Remove the mandrel completely with the riveting tool GESIPA PowerBird® Pro, use nosepiece 17/36 or 17/40



Scan and watch video





**Recommended by leading panel manufacturers and contractors**  
**Designed for use with HPL panels**



**Optimum security**

In addition to an easy and timesaving installation, the TU-S is a secure solution. The fastener cannot be over-driven during installation. Due to its radial expansion when the mandrel is removed, the partially cut thread becomes wedged in the panel material, generating very high pullout values.

Severely reduces the possibility of unwinding due to thermal expansion and contraction or vibration. The sleeve is made of austenitic stainless steel (material DIN 1.4401, grade A4-316 SS).

Our technical advisers will be pleased to provide you with detailed information. Just give us a call.

Fastener	Material No.	Panel thickness HPL and fiber cement	Bracket (mm/in.)	Hole Depth (mm/in.) + 0,5 0
<b>TU-S-6x9-A4</b>	907253	8 mm (5/16")	3.0 mm (.118")	6.0 mm (.236")
			3.5 mm (.138")	5.5 mm (.217")
		8 mm (5/16")	4.0 mm (.157")	5.0 mm (.197")
			2.0 mm (.079")	7.0 mm (.276")
<b>TU-S-6x11-A4</b>	778444	10 mm (3/8")	2.5 mm (.098")	6.5 mm (.256")
			3.0 mm (.118")	8.0 mm (.315")
		12 mm (1/2")	4.0 mm (.157")	7.0 mm (.276")
			2.0 mm (.079")	9.0 mm (.354")
			2.5 mm (.098")	8.5 mm (.335")
<b>TU-S-6x13-A4</b>	848724	10 mm (3/8")	3.0 mm (.118")	8.0 mm (.315")
			4.0 mm (.157")	7.0 mm (.276")
		12 mm (1/2")	5.0 mm (.197")	8.0 mm (.315")
			3.0 mm (.118")	10.0 mm (.394")
			4.0 mm (.157")	9.0 mm (.354")

## Accessories for TU-S



6mm HSS drill bit with depth stop



Screw gun



Setting tool  
GESIPA PowerBird® Pro

Material No.	Product Code	Description
<b>Depth Locator</b>		
1478567	Depth locator for drill bit universal	New Bit Holder for pre set drill depths
<b>HSS Drill Bits</b>		
1481609	HSS-6,0X40	Pilot Hole Drill Bit (depth drill 5 mm)
1514312	HSS-6,0X40,5	Pilot Hole Drill Bit (depth drill 5.5 mm)
1481601	HSS-6,0X41	Pilot Hole Drill Bit (depth drill 6 mm)
1514314	HSS-6,0X41,5	Pilot Hole Drill Bit (depth drill 6.5 mm)
1481588	HSS-6,0X42	Pilot Hole Drill Bit (depth drill 7 mm)
1514315	HSS-6,0X42,5	Pilot Hole Drill Bit (depth drill 7.5 mm)
1478593	HSS-6,0X43	Pilot Hole Drill Bit (depth drill 8 mm)
1514316	HSS-6,0X43,5	Pilot Hole Drill Bit (depth drill 8.5 mm)

### Powerbird Pro Series

#### 18 Volt Brushless & Cordless Riveting Tool

Material Number: 1457637

Weight: 4.4 lbs

Power Pack: 18.0 Volt, rechargeable Li-ion / 2.1 Ah

Battery Charger: 110-240V/50-60Hz, 45-90 minute charge time

## Complementary hidden fastener solutions for rainscreen panels



TUF-S for **HPL** and fiber **cement** panels



TUC-S for fiber **concrete** panels

#### Technical advice and sales service

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