

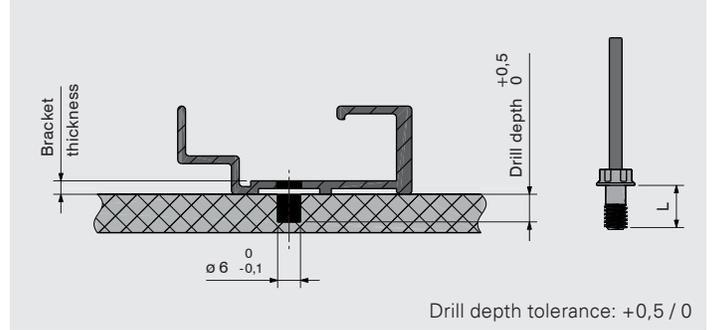
TUF-S / TU-S / TUC-S

1. Pre-drill the panel

Pre-drill using a Ø 6 mm blind-hole drill with depth stop



The geometry of the drill hole shall be checked minimum on 1% of all drillings. **Nominal measure: Ø 5,9 – 6,0 mm**



TUF-S Length – Bracket thickness = TUF-S Drill depth
TU-S Length – Bracket thickness + 0,5 mm = TU-S Drill depth
TUC-S Length – Bracket thickness – 1,0 mm = TUC-S Drill depth

Example: TUF-S-6x9-A4 –3,5 mm = 5,5 mm Drill depth
 TU-S-6x9-A4 –3,5 mm + 0,5 mm = 6,0 mm Drill depth

1.1



1.2



1.3



1.1 Use a blind-hole drill bit

1.2 Do not use a drill bit with a point angle

1.3 Do not use a worn-out drill bit

1.4



1.4 Panel must lie on a hard surface

1.5



1.5 Keep a right angle during the drill process

1.6



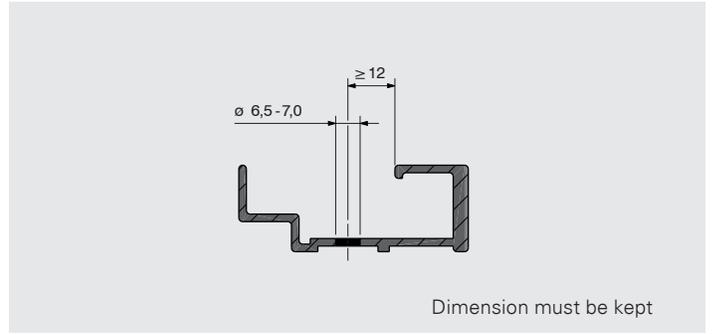
1.6 Remove debris from drilled hole

Life expectancy for SFS drill bits

Drill bit	in HPL	in fiber cement
HSS	100–150 drills	25–100 drills
VHM	500+ drills	250–500 drills

2. Position the bracket

Position the pre-drilled bracket over the hole in the panel and push through the TU-fastener



2.2



2.2
There can be a gap between the TU-fastener head and the bracket

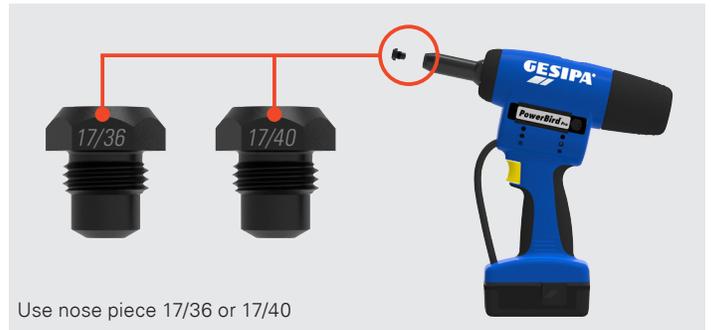
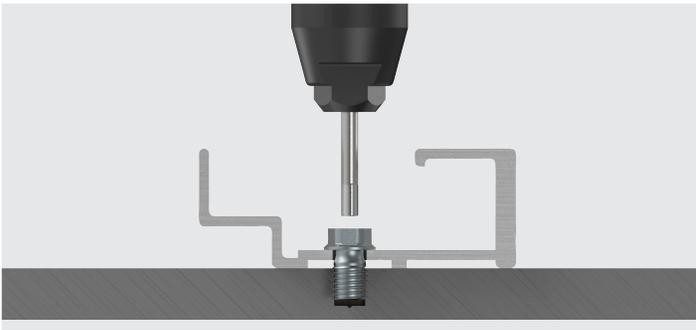
2.3



2.3
Giving heavy force to the TU-fastener while not removing the mandrel can cause damage to the panel

3. Remove mandrel

Remove the mandrel using the GESIPA® PowerBird® Pro riveting tool



3.1



3.1
Panel must lie on a hard surface

3.2



3.2
Keep a right angle during the setting process

Push the GESIPA® PowerBird® Pro slightly towards the panel