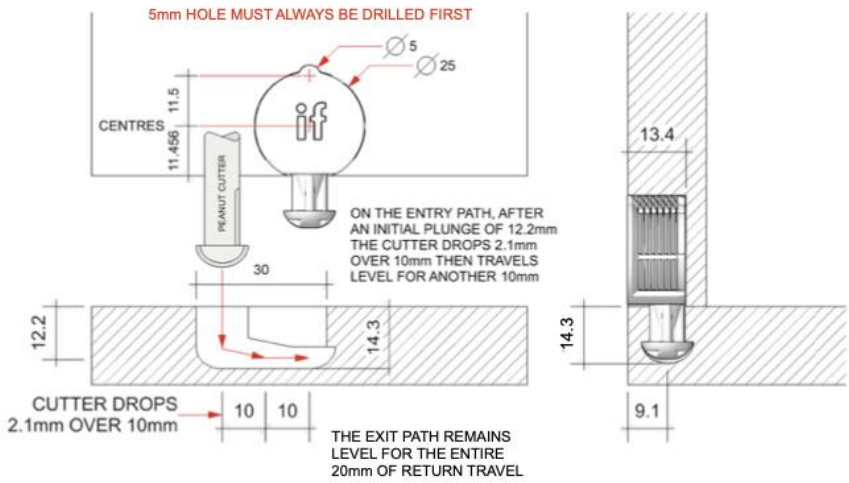
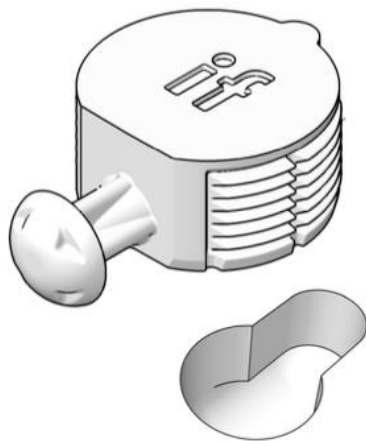
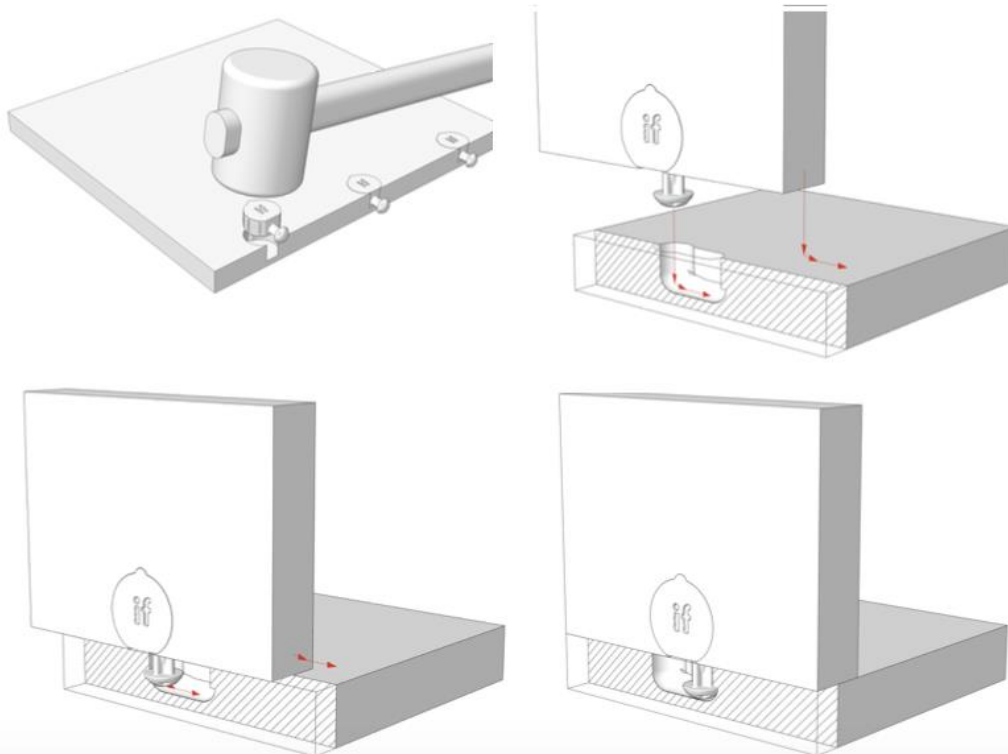




**Machining**



**Assembly**

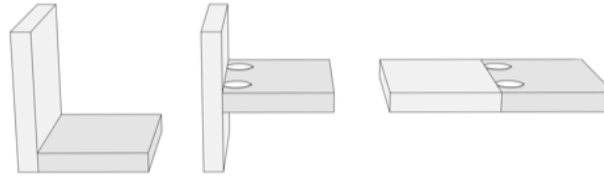


# PEANUT® 1

(Patent pending)



## Applications



## Technical Specifications

### PEANUT® 1 Technical data

|                                 |                               |
|---------------------------------|-------------------------------|
| COMPONENT COMPOSITION           | GLASS-FIBRE REINFORCED PLAST  |
| MATERIAL THICKNESS              | >15.3MM                       |
| TOLERANCE (25mm HOLE)           | +0.1mm and -0.25mm (DIAMETER) |
| TOLERANCE (PEANUT® CUTTER SLOT) | +0.3mm and -0.4mm (DEPTH)     |

## Strength Data

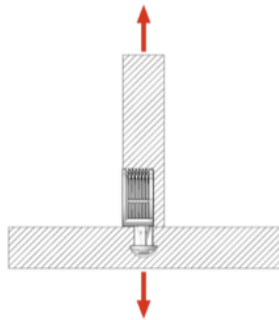


Fig. A

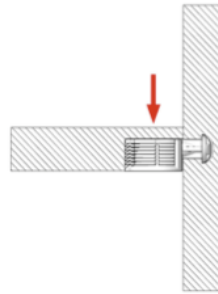


Fig. B

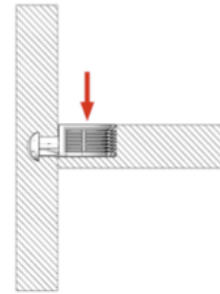


Fig. C

### PEANUT® 1 Tensile strength (based on 1 component):

TESTED BY:



| MATERIAL                             | TENSILE STRENGTH (Fig. A)   |
|--------------------------------------|-----------------------------|
| PARTICLE BOARD (18mm MFC) from EGGER | 750 N / 75 KG (1 COMPONENT) |
| MDF (18mm)                           | 950 N / 95 KG (1 COMPONENT) |

### PEANUT® 1 Shear strength (based on 2 component):

| MATERIAL                             | SHEAR STRENGTH (Fig. B)        | SHEAR STRENGTH (Fig. C)      |
|--------------------------------------|--------------------------------|------------------------------|
| PARTICLE BOARD (18mm MFC) from EGGER | 1200 N / 120 KG (2 COMPONENTS) | 650 N / 65 KG (2 COMPONENTS) |
| MDF (18mm)                           | 1350 N / 135 KG (2 COMPONENTS) | 950 N / 95 KG (2 COMPONENTS) |

PLEASE NOTE THAT THE STRENGTH MAY VARY DEPENDING ON MATERIAL AND QUALITY OF MATERIAL USED.

### PEANUT® 1 TOOLING REQUIREMENTS:

|                                |                  |   |
|--------------------------------|------------------|---|
| IF SOLID CARBIDE PEANUT CUTTER | MAX RPM<br>14000 | CREATES 6500+ SLOTS (BASED ON MELAMINE FACED PARTICLE BOARD) THIS TOOL CANNOT BE SHARPENED    |
| 5mm SOLID CARBIDE DRILL        |                  | ANY 5mm DRILL WILL WORK (WE HAVE FOUND THE SOLID CARBIDE DRILL WE SUPPLY GIVES BEST RESULTS)  |
| 25mm HIGH PERFORMANCE DRILL    |                  | ANY 25mm DRILL WILL WORK (WE HAVE FOUND THE SOLID CARBIDE DRILL WE SUPPLY GIVES BEST RESULTS) |