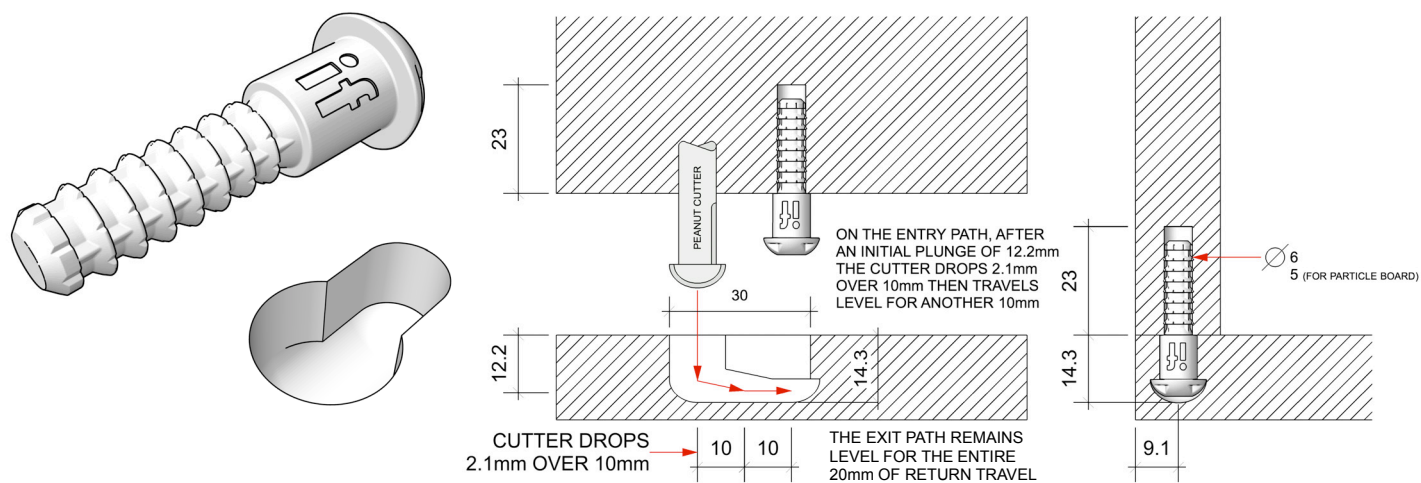
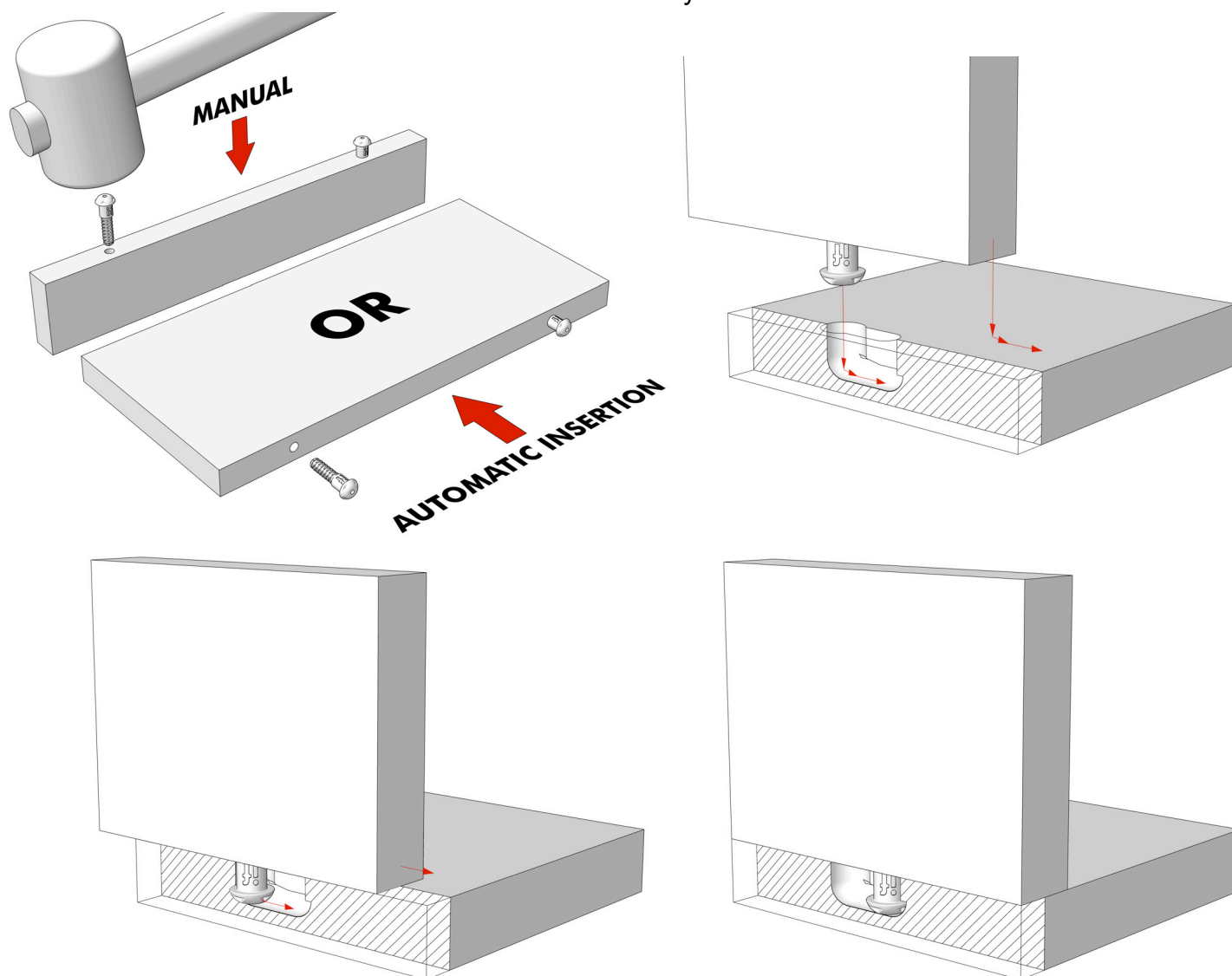


## Machining

(PLEASE SEE SEPARATE SHEET FOR MORE SLOT MACHINING DETAILS AND ALTERNATIVE OPTIONS)

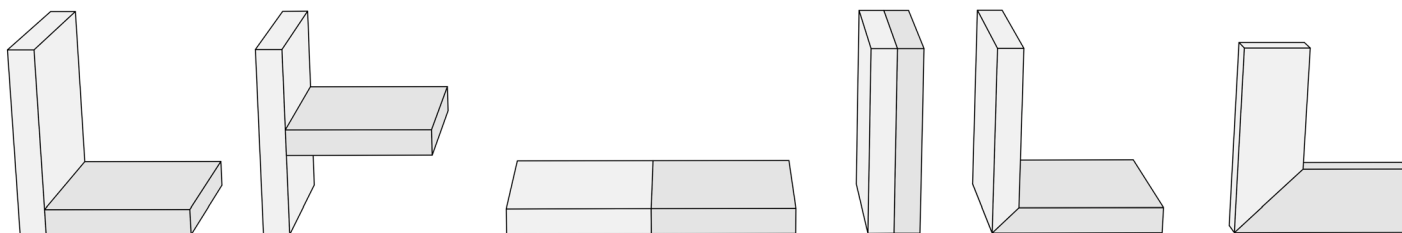


## Assembly



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## Applications



## Technical Specification

### PEANUT® 3 Technical data

COMPONENT COMPOSITION	GLASS-FIBRE REINFORCED PLASTIC
MATERIAL THICKNESS	>15.3mm
TOLERANCE (PEANUT CUTTER SLOT)	+ 0.3mm - 0.4mm (DEPTH)

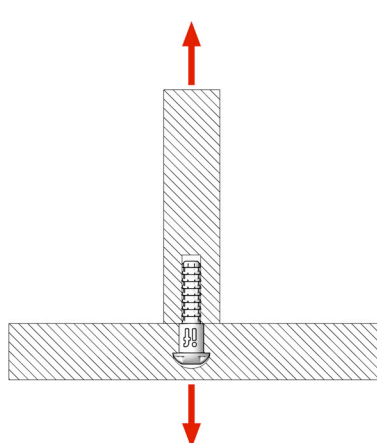


Fig A

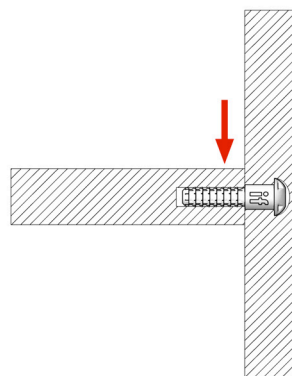


Fig B

### PEANUT® 3 Tensile/shear strength (based on 2 components) with a 5mm hole (recommended for particle board)

MATERIAL	TENSILE STRENGTH (Fig A)				SHEAR STRENGTH (Fig B)			
	WITH GLUE		WITHOUT GLUE		WITH GLUE		WITHOUT GLUE	
PARTICLE BOARD (18mm MFC)	1800N	180KG	900N	90KG	800N	80KG	800N	80KG
MDF (18mm)	N/A		N/A		N/A		N/A	

All testing has been carried out in-house (independent testing pending)

### PEANUT® 3 Tensile/shear strength (based on 2 components) with a 6mm hole (glue should be used for 6mm holes in particle board)

MATERIAL	TENSILE STRENGTH (Fig A)				SHEAR STRENGTH (Fig B)			
	WITH GLUE		WITHOUT GLUE		WITH GLUE		WITHOUT GLUE	
PARTICLE BOARD (18mm MFC)	1200N	120KG	500N	50KG	800N	80KG	800N	80KG
MDF (18mm)	1600N	160KG	900N	90KG	1300N	130KG	1300N	130KG

All testing has been carried out in-house (independent testing pending)

### PEANUT® 3 Tooling requirements

IF SOLID CARBIDE PEANUT CUTTER	MAX RPM 14000	CREATES 6500+ SLOTS (BASED ON MELAMINE FACED PARTICLE BOARD) THIS TOOL CANNOT BE SHARPENED
6mm SOLID CARBIDE DRILL		ANY 6mm DRILL WILL WORK (WE HAVE FOUND A SOLID CARBIDE DRILL GIVES BEST RESULTS)
5mm SOLID CARBIDE DRILL		A 5mm DRILL GIVES BETTER RESULTS WHEN USING PARTICLE BOARD

A standard PVA wood glue can be used for added strength and a permanent joint.