

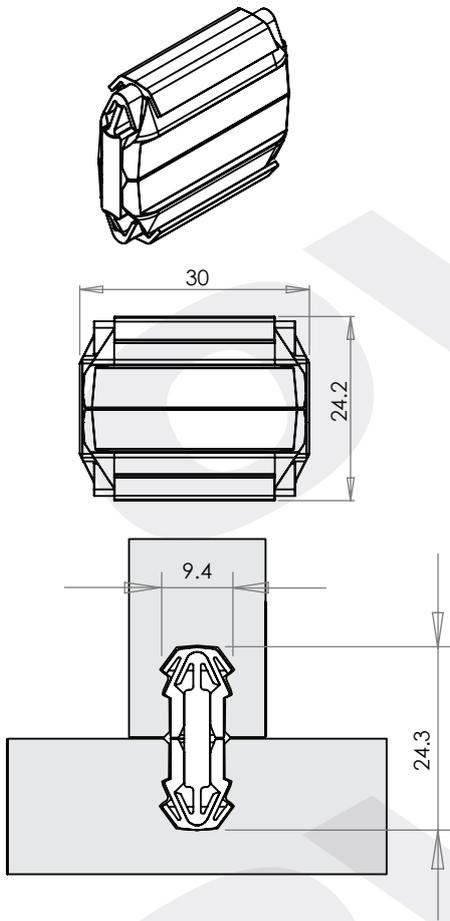
# OVVO® V Connection System

## V-1230 Permanent Specifications

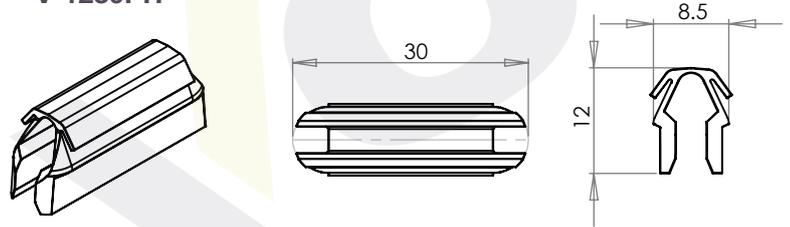
THE FUTURE OF CONNECTION



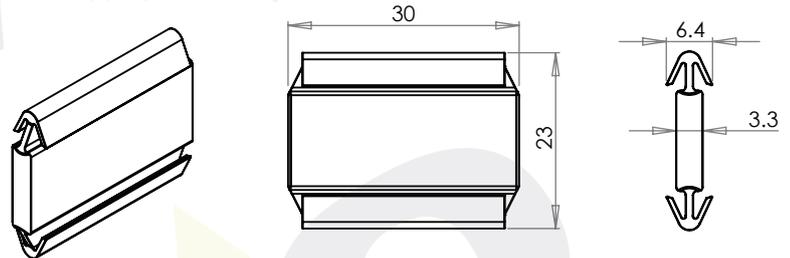
### V-1230 Permanent



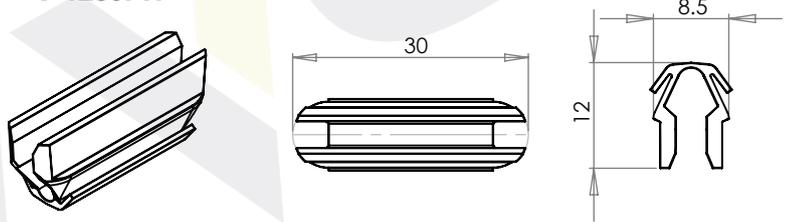
### V-1230PH



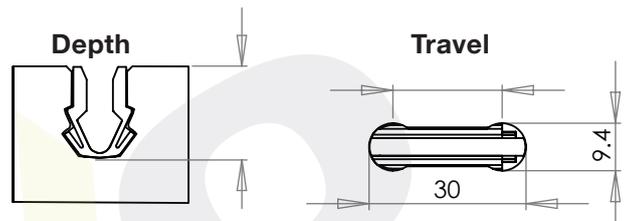
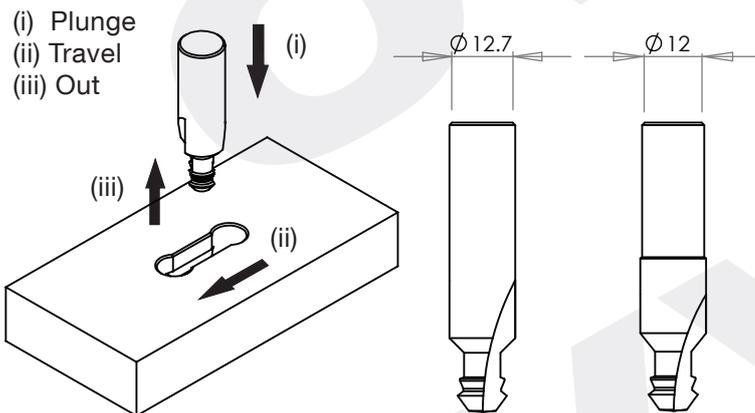
### V-1230PC



### V-1230PH



- (i) Plunge
- (ii) Travel
- (iii) Out



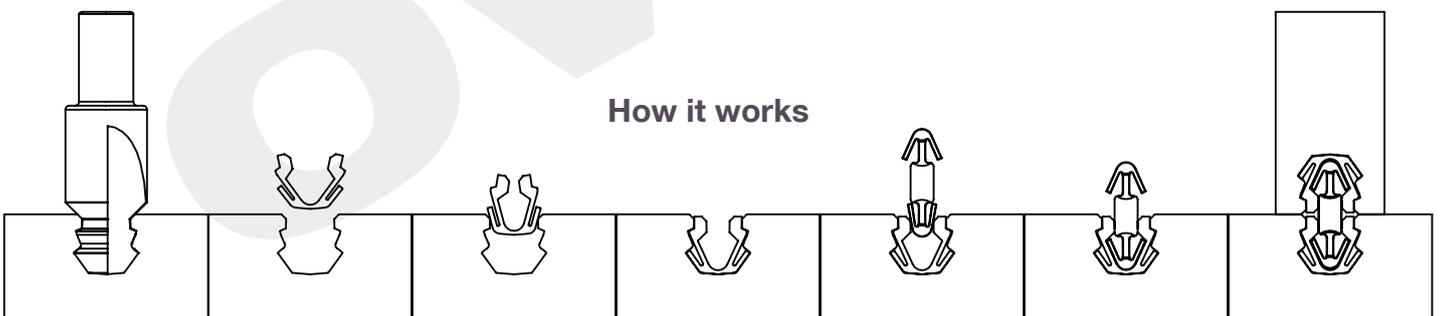
#### Recommended Settings

**Depth:** 12.7mm (min) - 13.3mm (max)

**Travel Centre to Centre:** 20.5mm (min) - 20.7mm

**Rotation Speed:** CNC speeds vary with different materials. Maximum cutter rotation: 18,000

### How it works



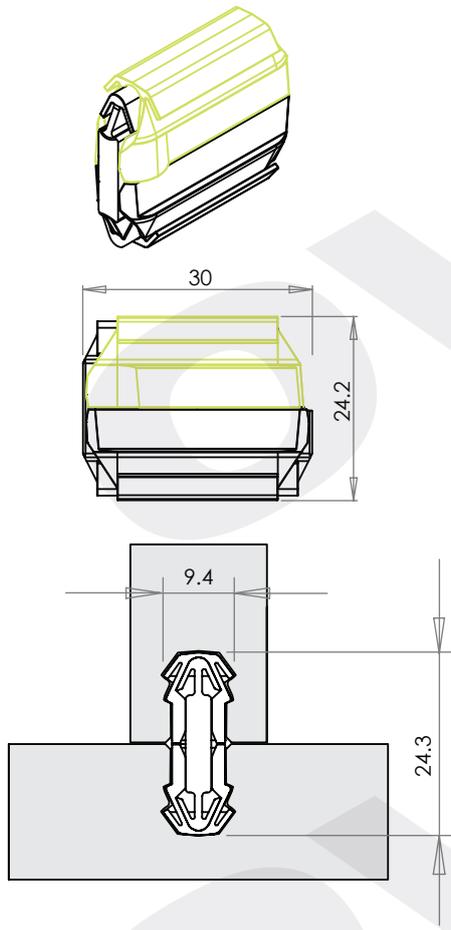
# OVVO® V Connection System

## V-1230 Releasable Specifications

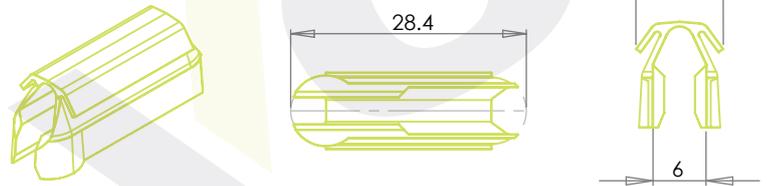
THE FUTURE OF CONNECTION



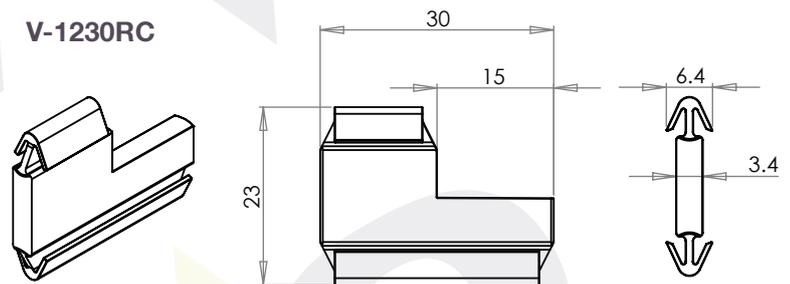
### V-1230 Releasable



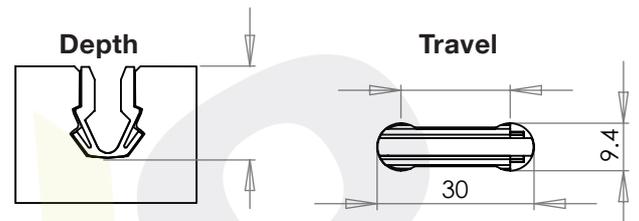
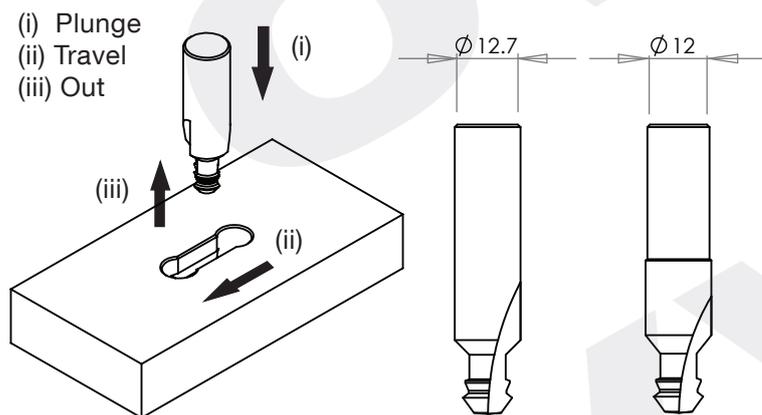
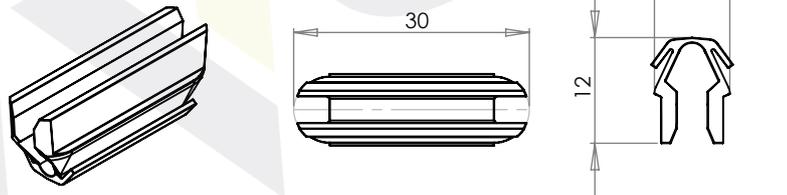
### V-1230RH



### V-1230RC



### V-1230PH



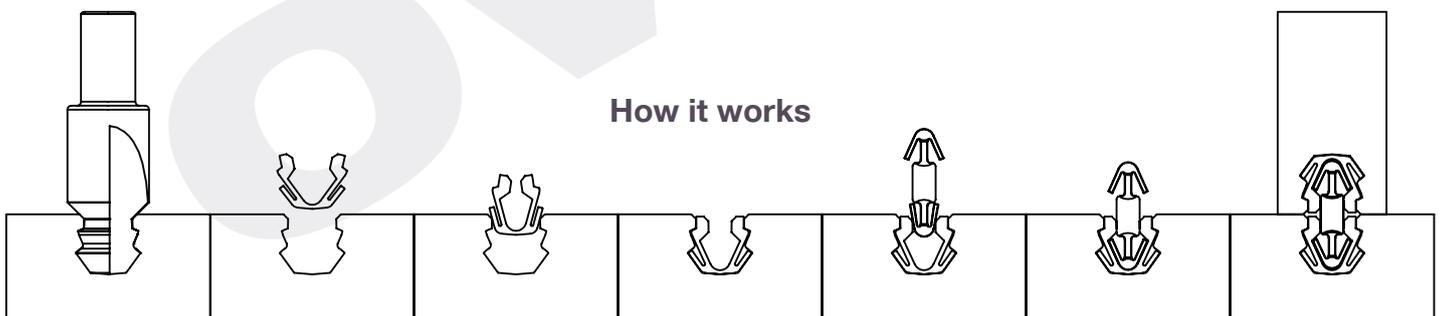
#### Recommended Settings

**Depth:** 12.7mm (min) - 13.3mm (max)

**Travel Centre to Centre:** 20.5mm (min) - 20.7mm

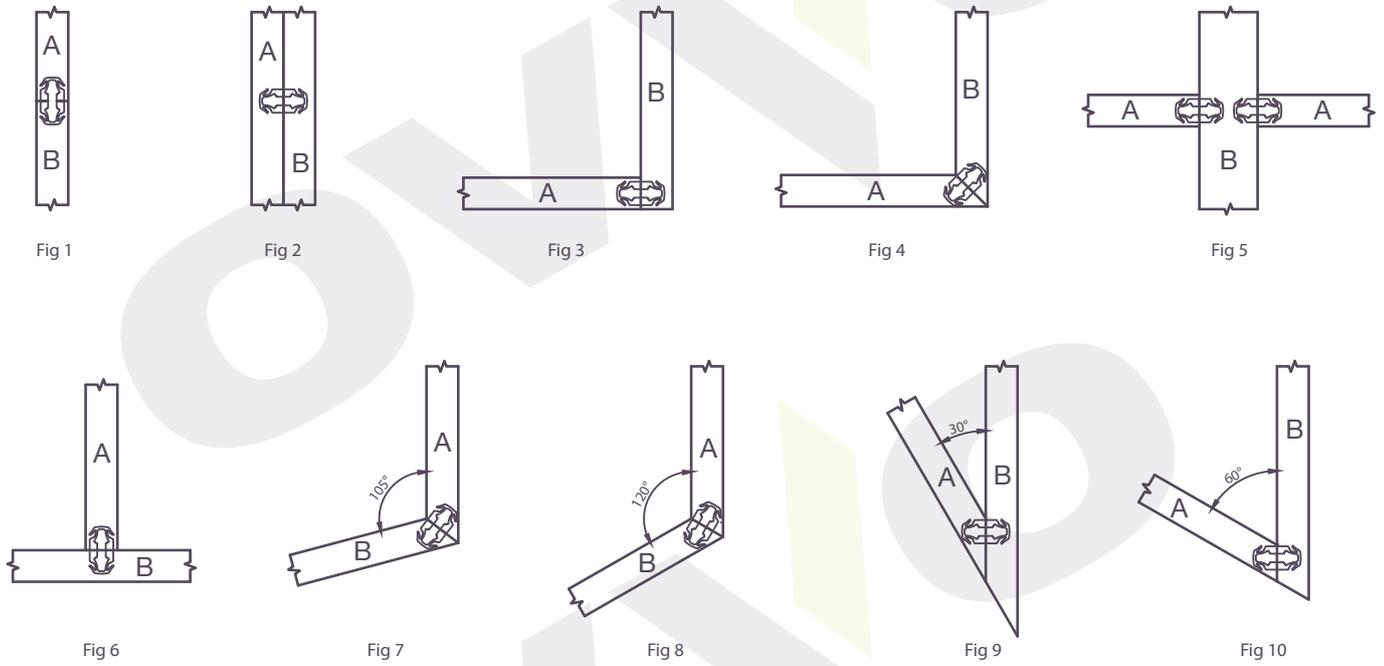
**Rotation Speed:** CNC speeds vary with different materials. Maximum cutter rotation: 18,000

### How it works



# V-1230 Recommended Minimum Board Depth

Recommended minimum board depth or thickness values for the V-1230 will change depending on both the substrate material used as well as the joint angle.

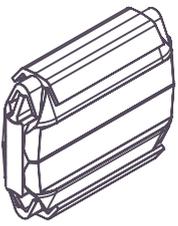


Minimum recommended measurements shown below are categorized according to two distinct groups of board material which share broadly similar connector retention properties.

	HPL, Composite, Solid Surface, Hardwoods, Birch Plywood	
	A	B
Fig 1	12mm	12mm
Fig 2	15mm	15mm
Fig 3	12mm	15mm
Fig 4	15mm	15mm
Fig 5	12mm	30mm
Fig 6	12mm	15mm
Fig 7	16mm	16mm
Fig 8	16mm	16mm
Fig 9	16mm	16mm
Fig 10	16mm	16mm

	Particle/Chipboard, Softwoods, MDF	
	A	B
Fig 1	15mm	15mm
Fig 2	15mm	15mm
Fig 3	15mm	15mm
Fig 4	15mm	15mm
Fig 5	15mm	30mm
Fig 6	15mm	15mm
Fig 7	16mm	16mm
Fig 8	18mm	18mm
Fig 9	16mm	16mm
Fig 10	18mm	18mm

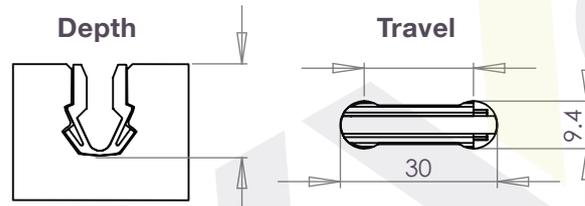
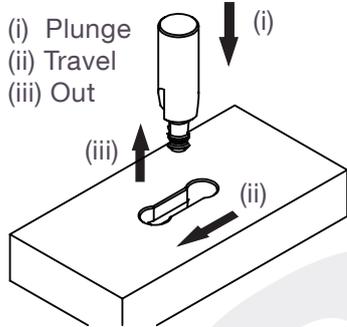
These are guidelines only and OVVO® recommends trial connections be made before going into full production.



# V-1230

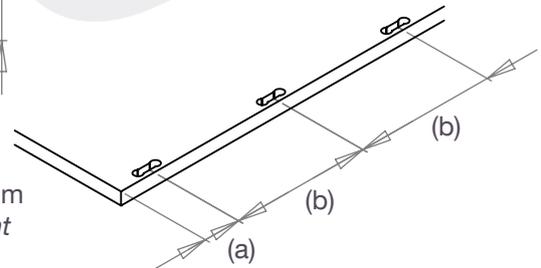
## Permanent Instructions

### 1. Milling



#### Recommended Spacing

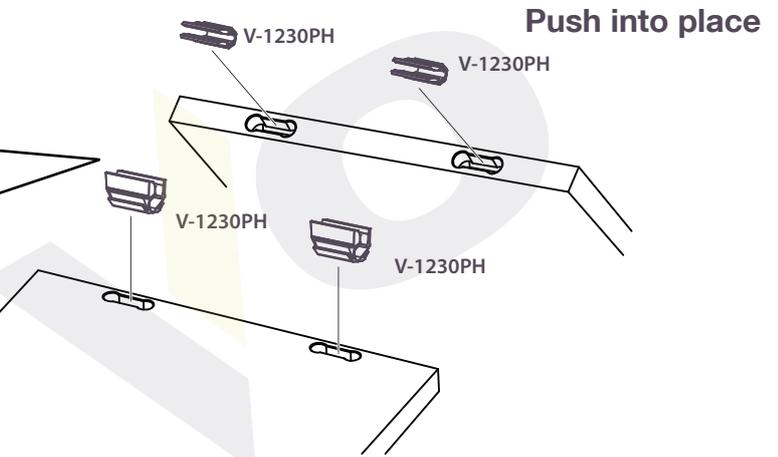
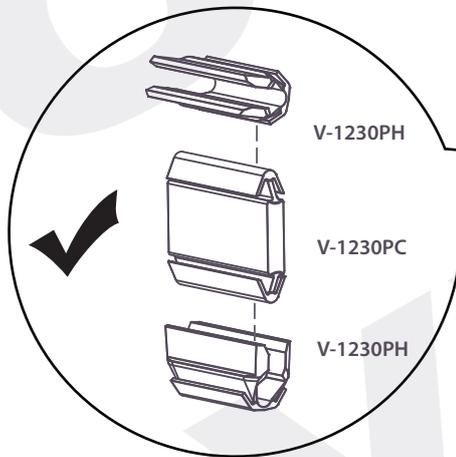
- (a): 35mm to 80mm
- (b): 150mm to 350mm



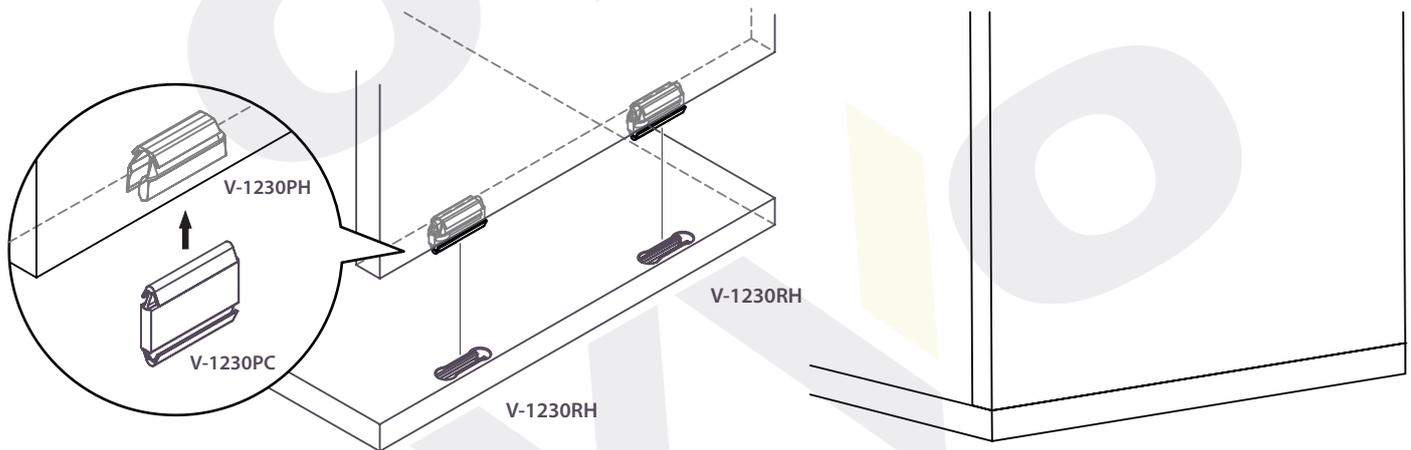
#### Recommended Settings

**Depth:** 12.7mm (min) - 13.3mm (max)  
**Travel Centre to Centre:** 20.5mm (min) - 20.7mm  
**Rotation Speed:** CNC speeds vary with different materials. Maximum cutter rotation: 18,000

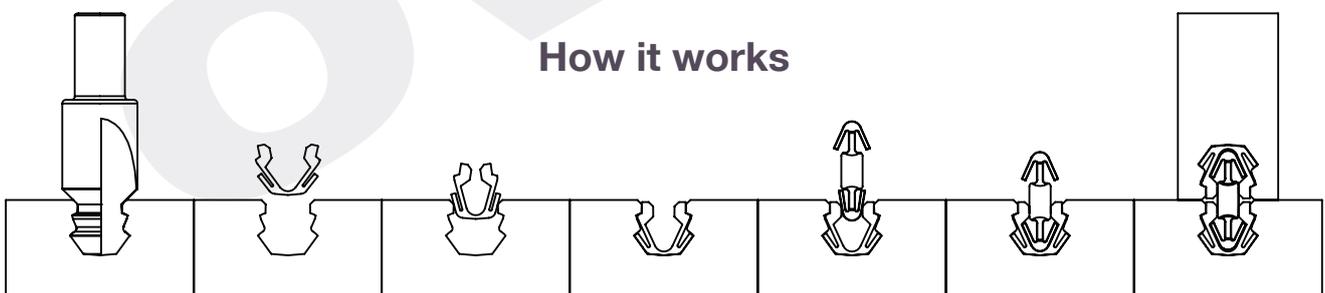
### 2. Housing

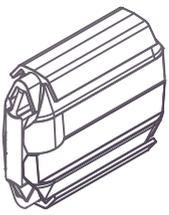


### 3. Assembly - Simply push into place to connect



### How it works

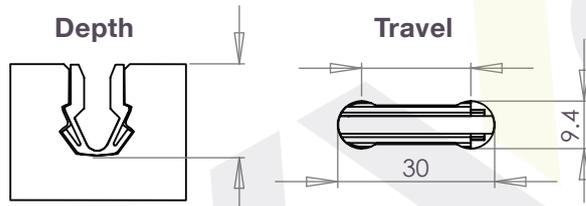
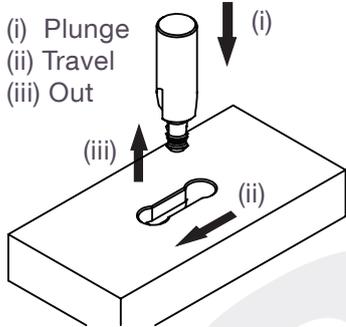




# V-1230

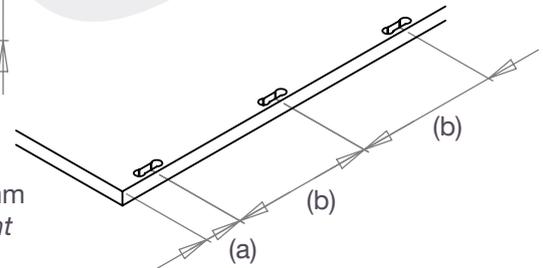
## Releasable Instructions

### 1. Milling



#### Recommended Spacing

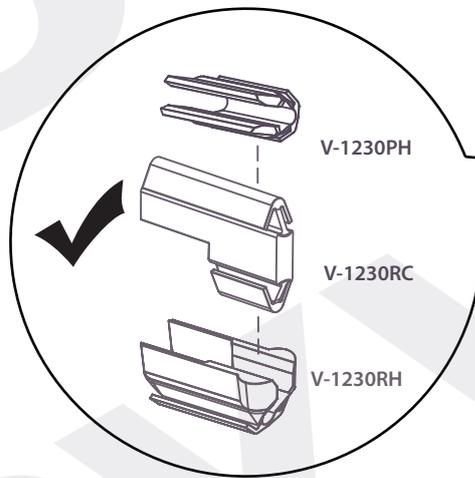
- (a): 35mm to 80mm
- (b): 100mm to 250mm



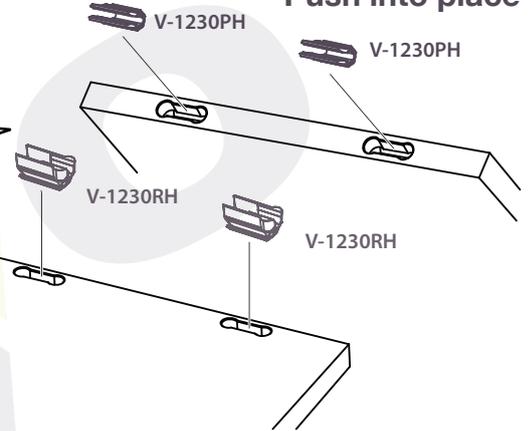
#### Recommended Settings

**Depth:** 12.7mm (min) - 13.3mm (max)  
**Travel Centre to Centre:** 20.5mm (min) - 20.7mm  
**Rotation Speed:** CNC speeds vary with different materials. Maximum cutter rotation: 18,000

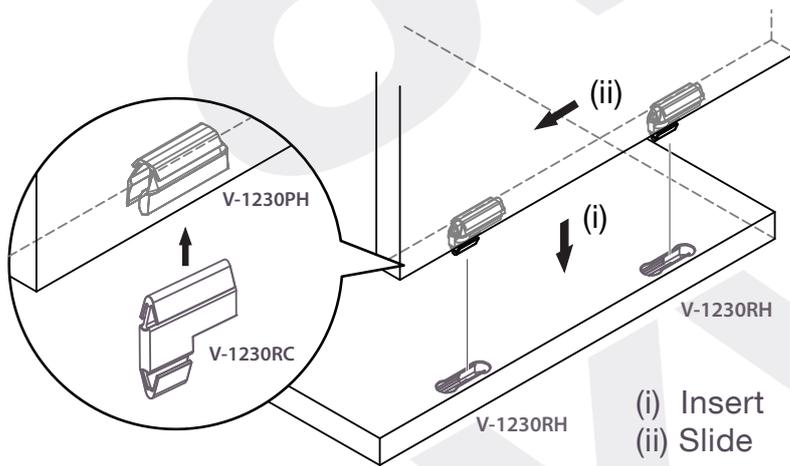
### 2. Housing



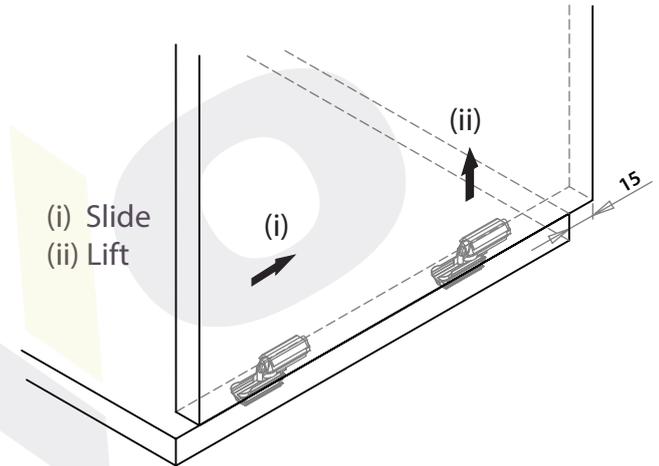
#### Push into place



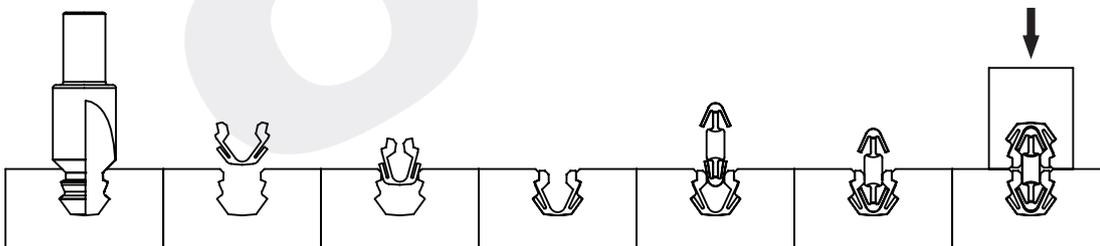
### 3. Assembly - Simply slide to connect



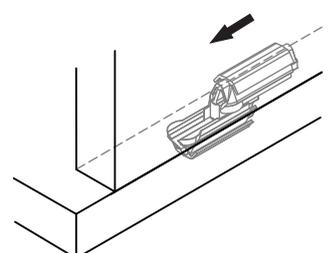
### 4. Release



### How it works



### Simply slide to connect



# OVVO® V Connection System

## Important! Make a test

THE FUTURE OF CONNECTION



**IMPORTANT! MAKE A TEST**  
**WICHTIG! MACHEN SIE EINEN TEST**  
**IMPORTANT! FAIRE UN TEST**  
**IMPORTANTE! FARE UN TEST**  
**IMPORTANTE! HACER UNA PRUEBA**

### RECOMMENDED DEPTH TOLERANCES

V-1230	12.7mm (min) - 13.3mm (max)
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