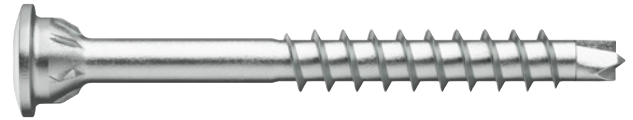


## **ASSY® plus 4 A2 TH glass strip screw A2 plain stainless steel partial thread top head 60°**

**Special Partial Thread screw made of high quality, austenitic A2 stainless steel with small top head and milling ribs. Suitable for gap free fastening close to edges of delicate glass strips or skirting boards in outdoor areas constantly exposed to weathering.**



**ASSY®** 

### **Ideal power transmission thanks to RW drive**

- More power due to larger contact area at the bit
- More stability, one-handed working, precise positioning due to the tight-fit recess and perfect fit of the bit
- Fewer bit changes, one bit for many screw diameters
- Compatibility with previous AW drive

### **Precise positioning and very clean drilling due to advanced centring drill tip**

- Positioning and drilling without chipping
- Maximum drilling performance and precise drilling process through drilling cutting edges (similar to Forstner bits)
- Precise positioning on hard surfaces without slipping thanks to centring pin
- Quick screwing due to gentle start of thread

### **Well-designed, unobtrusive mounting of wooden components**

- Small screw head with lens-shaped rounded head for well-designed, unobtrusive mounting
- Highly effective milling ribs prevent narrow wooden profiles from splitting

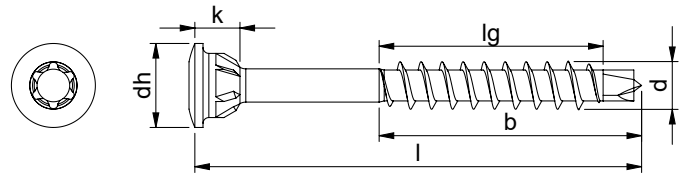
### **Maximum reliability of the screw connection due to asymmetrical single thread**

- Optimal matching of drill tip and thread geometry
- Excellent anchoring in wood due to asymmetrical arrangement of thread flanks

### **Stainless mounting for accessible wood connections in outdoor areas exposed to weathering**

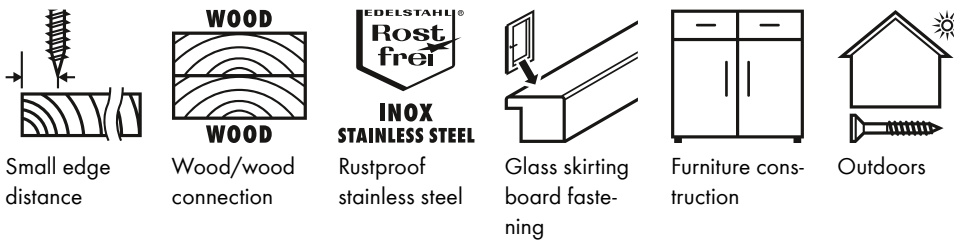
- Made of austenitic, non-magnetic and non-rusting A2 stainless steel
- Can be used in rural or urban environments or industrial atmospheres without significant exposure to chlorides or SO<sub>2</sub>
- With friction-reducing slide coating for easy screwing

Head diameter ( $d_h$ )	5.2 mm
Internal drive	<b>RW10</b>
Material	Stainless steel A2
Surface	Plain
RoHS-compliant	Yes



Nominal diameter (d)	Length (l)	Thread length (lg)	Screw-thread length with drill tip (b)	Head height (k)	Art. no.	P. Qty.
3 mm	25 mm	11 mm	14.5 mm	3.5 mm	<b>0166 130 25</b>	500
3 mm	30 mm	14 mm	17.5 mm	3.5 mm	<b>0166 130 30</b>	500
3 mm	35 mm	16 mm	19.5 mm	3.5 mm	<b>0166 130 35</b>	500
3 mm	40 mm	19 mm	22.5 mm	3.5 mm	<b>0166 130 40</b>	500
3 mm	45 mm	22 mm	25.5 mm	3.5 mm	<b>0166 130 45</b>	500
3 mm	50 mm	22 mm	25.5 mm	3.5 mm	<b>0166 130 50</b>	500
3.5 mm	60 mm	27 mm	30.5 mm	3.1 mm	<b>0166 135 060</b>	500

Can be stored neatly in **ORSY** racks or **ORSYMAT** vending machines



## Details/Application

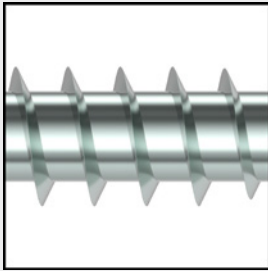
### For wood-wood connections designed to pull together

The partial thread starting immediately below the shank allows for wood-wood connections designed to pull together. The screw thread is positioned entirely in the lower component once screwed in.

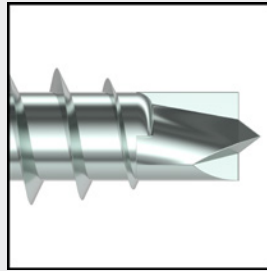
### Can be used for outdoor applications and utilisation class 3



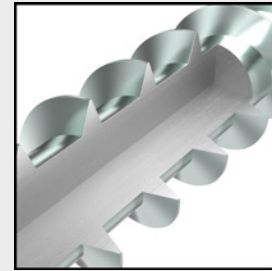
Asymmetrical high-performance thread



Centre drill tip



Stainless steel A2



## Instructions

- For optimum use of the screw, the right-size RW bit must be used
  - Partial-thread screws are ideal for connecting wooden components. To achieve optimum assembly of the components, the components to be fixed must not be thicker than the length of the shank
- ASSY screws are approved for quasi-static loads

## Proof of performance

ETA-11/0190 approved

## Proof of Performance



## Notice

- We recommend using the Würth software or the corresponding design aids for planning and dimensioning your assembly. Use the Würth timber construction software for dimensioning of ASSY screws from a diameter of 5 mm
- ASSY 4, ASSYplus 4 and ASSYplus 4 FT chipboard screws are optimised for use in wood and wood materials. For applications in plastic anchors where load capacity can also be reduced, use only screws without an optimised thread tip (tip with milling ribs, drill tip, self-clearing groove etc.), such as the ASSY D screws with countersunk head or pan head

The requirements of the European Technical Approval (ETA) must be observed.

### Related products

1/4-inch bit drill holder

### Art. no.

0614 176 760

Related products	Art. no.
Universal holder E 6.3 (1/4")	0614 176 711
Cordless drill screwdriver BS 12-A	5700 111 2

Related products for	Designation	Art. no.
0166 130 25	RW <sup>®</sup> bit	0614 70 10
	RW <sup>®</sup> bit	0614 71 10
	RW <sup>®</sup> bit	0614 72 10
0166 130 30	RW <sup>®</sup> bit	0614 70 10
	RW <sup>®</sup> bit	0614 71 10
	RW <sup>®</sup> bit	0614 72 10
0166 130 35	RW <sup>®</sup> bit	0614 70 10
	RW <sup>®</sup> bit	0614 71 10
	RW <sup>®</sup> bit	0614 72 10
0166 130 40	RW <sup>®</sup> bit	0614 70 10
	RW <sup>®</sup> bit	0614 71 10
	RW <sup>®</sup> bit	0614 72 10
0166 130 45	RW <sup>®</sup> bit	0614 70 10
	RW <sup>®</sup> bit	0614 71 10
	RW <sup>®</sup> bit	0614 72 10
0166 130 50	RW <sup>®</sup> bit	0614 70 10
	RW <sup>®</sup> bit	0614 71 10
	RW <sup>®</sup> bit	0614 72 10
0166 135 060	RW <sup>®</sup> bit	0614 70 10
	RW <sup>®</sup> bit	0614 71 10
	RW <sup>®</sup> bit	0614 72 10