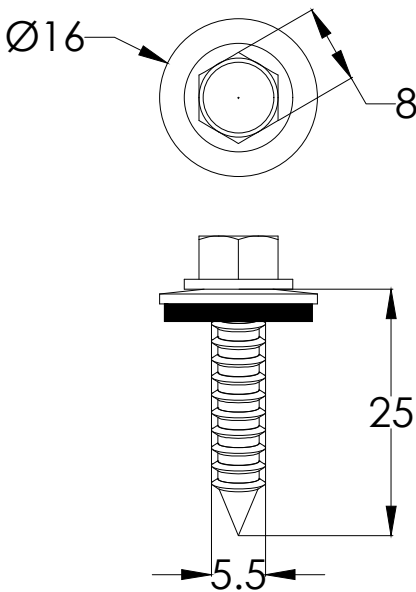


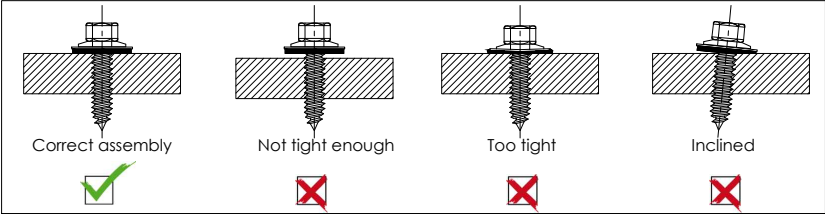
Subject to change without notice. Product illustrations are for illustrative purposes only and may differ from the delivered product.



For the calculus of the maximum shear + pulling strength the next equation must be taken into consideration:

$$\frac{F_{v,Ed}}{F_{v,Rd}} + \frac{F_{t,Ed}}{1,4 \cdot F_{t,Rd}} \leq 1,0$$

where $F_{v,Ed}$ is the shear load acting on the screw; $F_{v,Rd}$, the shear strength of the screw; $F_{t,Ed}$, the axial load acting on the screw; and $F_{t,Rd}$, the pulling strength of the screw.



MAXIMUM SHEAR LOADS ($V_{R,k}$) AND PULLOUT LOADS ($N_{R,k}$) IN 1.5 mm ALUMINUM PROFILE + METALLIC SHEET OF A THICKNESS OF 'e'							
e (mm)	0.50	0.60	0.70	0.80	0.90	1.00	1.5
$V_{R,k}$ (kN)	0.79	0.91	1.03	1.15	1.35	1.54	2.44
$N_{R,k}$ (kN)	0.46	0.60	0.75	0.89	1.04	1.18	2.12

Specifications

Description	Fastening of components and brackets to metal profiles without the need for pre-drilling.
Length	25 mm
Diameter	5.5 mm
Washer's outer diameter	16 mm
Anchoring surface	Metal
Features	Zinc-plated steel screw Pre-assembled zinc-plated steel sealing washer + EPDM No gliding application No chip fastening Excellent gripping properties Maximum sheet thickness <1.5 mm
Max. installation speed	1800 rpm
Driving	SW8
Minimum sheet thickness	0.5 mm



Tools required:



Safety:



Marking
ES19/86524