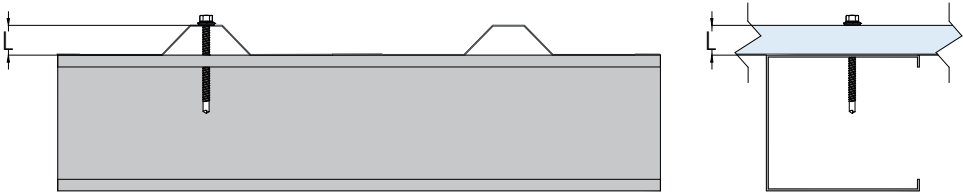


EPDM Flanged nut

Maximum and minimum length for screwing to tropezoidal sheet metal:

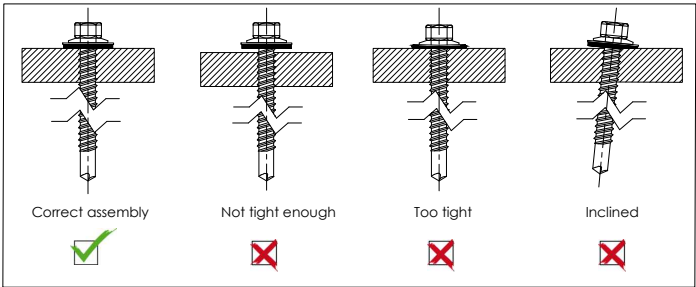


L_{min} = 5 mm; L_{max} = 50 mm

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 RECOMMENDED EXTRACTION LOADS IN SHEET + STEEL PROFILE, THICKNESS e

e (mm)	2.0	3.5	5.0
N (kN)	1.77	2.86	3.43

Specifications

Description	Fastening of components and brackets to metal profiles without the need for pre-drilling.
Length	75 mm
Diameter	5.5 mm
Washer's outer diameter	16 mm
Anchoring surface	Steel purlin
Features	Zinc-plated steel drill bit Pre-assembled zinc-plated steel sealing washer + EPDM Excellent gripping properties Maximum thickness <6.0 mm
Max. installation speed	1800 rpm
Driving	SW8
Minimum thickness	1.75 mm



Tools required:



Safety:



Marking
ES19/86524 CE