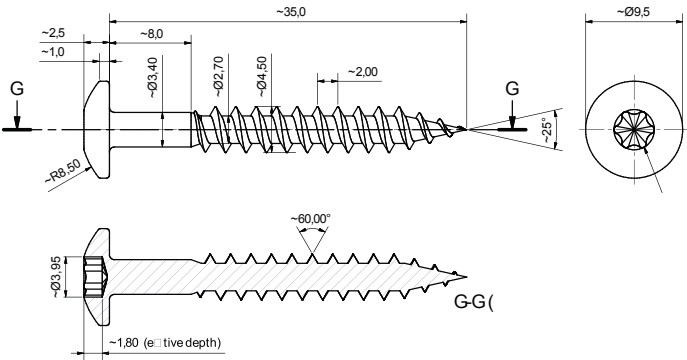


RP9

Screw for fastening of claddings to wood

Nominal diameter: Ø4.5 mm
Length: 35 mm
Thread length: 27 mm
Head: Ø9.5 mm
Material: Special mushroom head
Stainless steel A4 (1.4578)
Corrosion category: C5
Acc. EN ISO 12944-6



Technical data

Carrying capacity

The carrying capacity is calculated in accordance to the current standards. The tensile capacity for the connection listed in the table are the pullout values. The head pull through capacity is therefore not taken into account. This value should be considered in the given application.

These theoretical values must be considered indicative since the conditions of the construction site may vary. Practical tests of the specific application are recommended for verification of the listed values.

Assumptions:

Supporting object: Structural timber, C24 ($\rho_k=350\text{kg/m}^3$)
Fixed object: Claddings

L = Length of screw [mm]
t = Thickness of the fixed object [mm]

The values are in kN (1kN $\approx$ 100kg)

Safety factor: $\gamma_M = 1.35$ and $k_{mod} = 0.9$

Tensile capacity

t \ L	6,0	7,0	8,0	9,0	10,0	11,0	12,0
35,0	0,97	0,97	0,97	0,94	0,90	0,87	0,83