Teknisk datablad

SSH-PB
Sekskantet forbindelsesskrue Designserie

SSH PB is used together with connectors where high load capability is required, and with its black colored head, it is ideal for use with Design series connectors.
The conical shape under the head makes a perfect fitting to the connector hole, creating a firm assembly. Suitable for exterior use. The cut point type 17 prevents cracking, and the milling thread and serrated thread reduce the insertion torque. SSH has both 6 lobe drive and a hexagonal head, enabling mounting both with bits or with sleeves.

Egenskaber

Material

- Impreg®+ belægning

Benefits

- Sekskantet hoved med integreret 6-fløjet drev
- Sort hoved, der passer til stik i designserien
- Kegle for optimal pasform
- Takket grov gevind
- Type 17-punkt

Anvendelse

Assemblies

- Connectors to wood

When to use

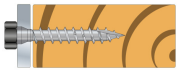
- Suitable for outdoor applications

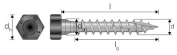
Teknisk datablad

SSH-PB
Sekskantet forbindelsesskrue Designserie

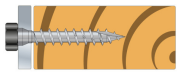
Teknisk data

Product dimensions





Art. nr.	Item code	Fastener dimensions [mm]							bit	Thread	Box Quantity	Vægt [kg]
		d	l	d_h	h_t	d_1	l_g	d_{uh}				
SSH8.0X40PB	SSH8.0x40PB	8	40	13	5.75	5.1	32	8.2	T-40	Total	50	0.014



Characteristic properties

Art. nr.	Product characteristic properties					
	Characteristic Yield Moment – $M_{y,k}$ [$M_{y,k}$] [Nm]	Characteristic withdrawal parameter - $f_{ax,k,90°}$ [$f_{ax,k,90°}$] [N/mm²]	Characteristic head pull-through parameter - $f_{head,k}$ [$f_{head,k}$] [N/mm²]	Characteristic tensile capacity - $f_{tens,k}$ [$f_{tens,k}$] [kN]	Characteristic torsional strength - $f_{tor,k}$ [$f_{tor,k}$] [Nm]	Torsonial ratio
SSH8.0X40PB	25.3	13.9	19.5	24.1	26.4	≥ 1,5

Steel to Timber characteristic capacities

Art. nr.	Product characteristic capacities - Steel to Timber C24				
	$R_{ax,st,k}$ [kN]	Shear resistance - Thin plate		Shear Resistance - Thick steel	
		$R_{v,0,st,k}$ [kN]	$R_{v,90,st,k}$ [kN]	$R_{v,0,st,k}$ [kN]	$R_{v,90,st,k}$ [kN]
SSH8.0X40PB	4	2.3	2.3	4.3	4.3

Shear capacities are given for thick (tst = d) and thin (tst = 0,5xd) steel plates under the following configurations:
Load axis at 0° from timber grain Rv.0°.k
Load axis at 90° from timber grain Rv.90°.k
These capacities are valid for C24 timber grades or higher.
For intermediate steel thicknesses, capacities shall be calculated by linear interpolation between the limiting thin and thick plate values.
The pre-drilled hypothesis for capacity and distances calculation is fulfilled.

Simpson Strong-Tie A/S
Egeskovvej 33 8700 Horsens
tel: +45 8781 7400
info@strongtie.dk

2026-04-03