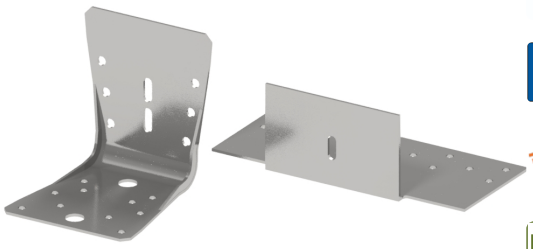
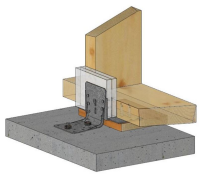
Technical Sheet

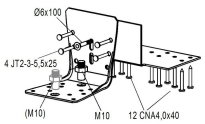
SC2P

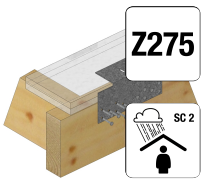
SC2P - dvoudílný zásuvný úhelník

Making a statically relevant connection on the narrow side of a square timber is not easy in terms of the edge distances to be complied with. In the case of a threshold connection, the height compensation layer as well as a planking in front of it make it more difficult. In keeping with the two-part tie rods, this problem is certainly solved with the new two-piece shear angle SC2P. The SC2P consists of two different angle connectors, one angle of which is pre-assembled at the factory and the second angle is connected to the first on the construction site.









Features

Material

Steel quality:
S 250 GD + Z 275 according to DIN EN
Corrosion protection:
275 g/m2 galvanized on both sides 20mm

Benefits

- Setting up the base on site
- It´s given the option for a height compensation up to 40mm
- fixing through a layer up to 30mm

Applications

Applications

Supporting member:

- Concrete, steel

Supported member:

- Solid wood, engineered wood

When to use

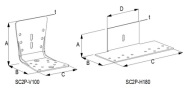
With this shear connector, timber constructions can be optimally connected to concrete substructures, as described, e.g. reinforced in wood frame construction.

Technical Sheet

SC2P

SC2P - dvoudílný zásuvný úhelník

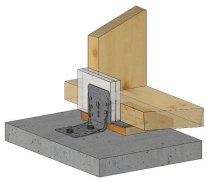
Technical Data



Rozměry a typické hodnoty

Reference	konektor rozměry									
	rozměry výrobku[mm]					nosník		příruba B		ostatní
	A[mm]	B[mm]	C[mm]	d[mm]	Tloušťka[mm]	kulatý	oválný	kulatý		hmotnost[kg]
						Ø	Ø6x16	Ø	Ø12	
SC2P-V100	103	103	90	-	2	6	2	10	2	0.2
SC2P-H180	57	82	180	95	2	-	1	12	-	0.32
SC2P-1	-	-	-	-	-	-	-	-	-	0.7

The both parts, SC2P-V100 and SC2P-H180, are offered together with the appropriate EJOT screws only as set.



Kapacita při plném zahřebíkování

Reference	Holdowns únosnost						
	výrobek únosnost - On beton						
	Characteristic Capacities[kN]			počet of Fasteners			
				nosník		příruba B	
	$R_{2/3,k}$	$R_{4,k}$	$R_{5,k}$	množství	typ	množství	typ
SC2P-1	6.8/kmod	6.4/kmod	5.4/kmod	4 + 1	EJOT JT2-3-5.5x25 + Screw Ø6x100	1 + 12	Bolt M10 + CNA4.0x40

The capacities are vailid for the combination of both items
For connection with 2 bolts, the capacity for $R_{2/3.k}$ is 10.4/k_{mod}

Product capacities - timber

Reference	Holdowns únosnost						
	výrobek únosnost - On dřevo						
	Characteristic capacities on dřevo[kN]			počet of Fasteners			
				nosník		příruba B	
	$R_{2/3,k}$	$R_{4,k}$	$R_{5,k}$	množství	typ	množství	typ
SC2P-1	6.8/kmod	6.4/kmod	min (5.6 ; 5.4/kmod)	4 + 1	EJOT JT2-3-5.5x25 + Screw Ø6x100	10 + 12	CNA4.0x50 + CNA4,0x40

Installation

Fasteners

The fastening is made on the wall element with CNA4.0x40
The fising on the floor is made with anchor Ø10mm, the options are given for using 1 or 2 anchors.
The connection betwenn both SC2P elements is made with a Ø6mm screw and 4 self drilling screws JT-2-3-5,5x25 .

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