

STD

Dowels for concealed connectors

The dowels complement concealed beam hangers ETNM, TU, TUB, TUBS and CBH. They are also used to fasten concealed post bases.

Features

Material

- Steel S235JR according to NF EN 10025: 1993.
- Zn12/A dichromate finish according to NF EN ISO 2081.

Benefits

- Made in various lengths
- Chamfers make the installation easier

Applications

Suitable On

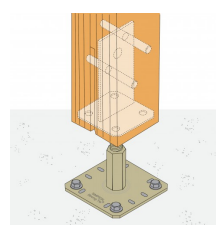
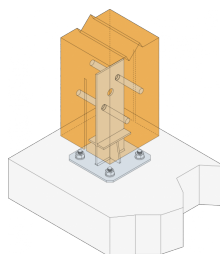
- Concealed beam hangers.
- Structural post bases.

When to Use

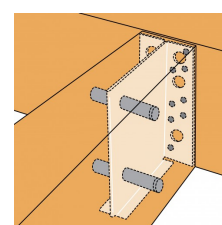
- Used for mounting of concealed beam hangers and structural post bases
- Used where incorporated steel plates are part of an assembly detail in timber

STD dowels complement the following products:

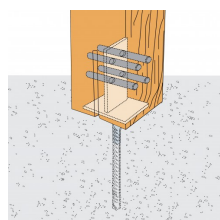
- Concealed beam hangers : ETNM, CBH, BTN, etc ...
- Post bases : PI, PIL, PIS, PISB, PVI, PVIB, PPSDT etc ...



Fixation 2 broches



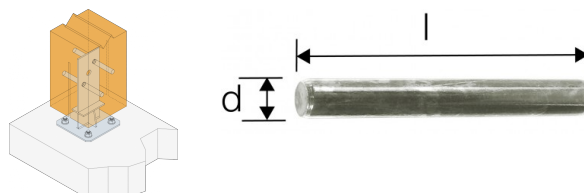
Joist connection



STD

Dowels for concealed connectors

Technical Data



Product Dimensions

References	Tun / DB nr.	NOB nr.	Fastener dimensions [mm]		Compatible products	Box Quantity	Weight [kg]
			d	l			
STD8X65-B	1252318	43811074	8	65	TU12, PIG, PBH120G, PISB160G, PIBA	100	0.026
STD8x70-B	-	-	-	-	-	100	0.027
STD8X80-B	1252325	43811104	8	80	TU12, PIG, PBH120G, PISB160G, PIBA	100	0.034
STD8X100-B	1252330	43810953	8	100	TU12, PIG, PBH120G, PISB160G, PIBA	100	0.042
STD8X115-B	1252333	43810972	8	115	TU12, PIG, PBH120G, PISB160G, PIBA	100	0.046
STD8X120-B	1252337	43810998	8	120	TU12, PIG, PBH120G, PISB160G, PIBA	100	0.046
STD8X140-B	1252346	43811017	8	140	TU12, PIG, PBH120G, PISB160G, PIBA	100	0.056
STD10X90-B	1252352	43810741	10	90	CBH	100	0.056
STD10X100-B	1252355	NOB214	10	100	CBH	100	0.061
STD10X120-B	1252362	43810722	10	120	CBH	100	0.073
STD12x65-B	-	-	-	-	-	100	0.056
STD12X80-B	1252372	43810896	12	80	TU16 - 28, ETNM, BTC, PPS, PPSDT, PPSR, PISBMAXIG	100	0.074
STD12X90-B	1252373	43810915	12	90	TU16 - 28, ETNM, BTC, PPS, PPSDT, PPSR, PISBMAXIG	100	0.078
STD12X100-B	1252374	41710718	12	100	TU16 - 28, ETNM, BTC, PPS, PPSDT, PPSR, PISBMAXIG	100	0.091
STD12X115-B	5384075	43810760	12	115	TU16 - 28, ETNM, BTC, PPS, PPSDT, PPSR, PISBMAXIG	100	0.1
STD12X120-B	1252376	43810786	12	120	TU16 - 28, ETNM, BTC, PPS, PPSDT, PPSR, PISBMAXIG	100	0.11
STD12X140-B	1252378	43810813	12	140	TU16 - 28, ETNM, BTC, PPS, PPSDT, PPSR, PISBMAXIG	100	0.12
STD12X160-B	1252379	43810832	12	160	TU16 - 28, ETNM, BTC, PPS, PPSDT, PPSR, PISBMAXIG	100	0.15
STD12X180-B	1252380	43810843	12	180	TU16 - 28, ETNM, BTC, PPS, PPSDT, PPSR, PISBMAXIG	100	0.15
STD12X200-B	1252381	43810858	12	200	TU16 - 28, ETNM, BTC, PPS, PPSDT, PPSR, PISBMAXIG	100	0.16

Length of the dowel = width of the supported member.

Technical data sheet

SIMPSON**Strong-Tie®**

STD

Dowels for concealed connectors

Mechanical Properties

References	Product characteristic properties
	Characteristic Yield Moment – $M_{y,k}$ [$M_{y,k}$] [Nm]
STD8X65-B	22.7
STD8x70-B	-
STD8X80-B	22.7
STD8X100-B	22.7
STD8X115-B	22.7
STD8X120-B	22.7
STD8X140-B	22.7
STD10X90-B	40.6
STD10X100-B	40.6
STD10X120-B	40.6
STD12x65-B	-
STD12X80-B	65.2
STD12X90-B	65.2
STD12X100-B	65.2
STD12X115-B	65.2
STD12X120-B	65.2
STD12X140-B	65.2
STD12X160-B	65.2
STD12X180-B	65.2
STD12X200-B	65.2

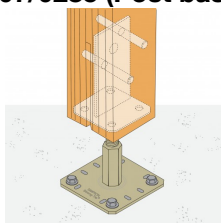
STD Dowels for concealed connectors

Installation

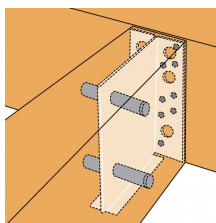
Installation

- The hole is pre-drilled with a diameter less than or equal to the nominal dowel diameter.
- Chamfers make it easier to insert the elements into the wood.

The dowels contribute to the load bearing capacity of our connectors. Please follow the installation recommendations given in our ETAs: ETA-07/0245 (Concealed beam hangers) and ETA-07/0285 (Post bases).



Fixation 2 broches



Joist connection

