Datasheet

CBH105S
Beugel met insteekblad - Rvs A4

CBH is een discrete verbinder voor bevestigingen op hout of op een harde ondergrond.

Kenmerken

Materiaal

- Roestvrij staal A4 (316L) overenkomstig NF EN 10088,
- Dikte : 2,5 mm.

Voordelen

- Onzichtbare verbinding,
- Bevestiging op hout of beton,
- Plaatsing overeenkomstig de Eurocodes.

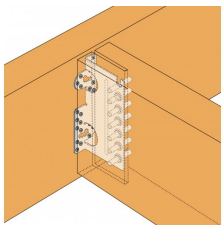
Toepassingen

Ondergrond

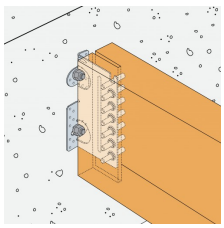
- **Drager :** massief hout, composiethout, gelijmd gelamineerd hout, beton,
- **Gedragen bouwdeel :** massief hout, composiethout, gelijmd gelamineerd hout.

Toepassingsgebieden

- Dwarsbalken,
- Gordingen,
- Draagbalken.



Bevestiging hout op hout



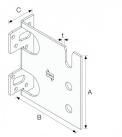
Bevestiging hout op harde ondergrond

Datasheet

CBH105S
Beugel met insteekblad - Rvs A4

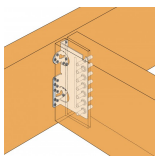
Technische gegevens

Afmetingen en karakteristieke waarden

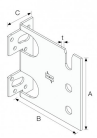


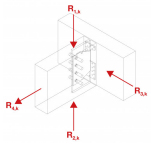
Referentie	Header dimensions [mm]	Joist dimensions [mm]					Afmetingen en karakteristieke waarden [mm]				Header holes		Joist holes
	Hoogte	Breedte		Hoogte			A	B	C	t	Ø10	Ø5	Ø11
	Min	Min	Max	Min β=0	Min B<>0	Max							
CBH105/2.5S	115	45	100	115	145	190	105	102.5	40	2.5	2	8	3

Product characteristic capacities - Timber beam to timber beam - 0° and 15°



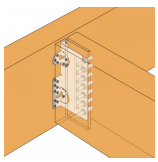
Bevestiging hout op hout



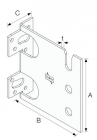


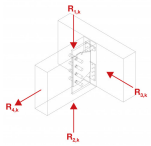
Referentie	Product characteristic capacities - Timber Beam to timber beam - full nailing											
	Bevestigingen				Karakteristieke waarden - Hout C24 [kN]							
	Drager		Spanwijdte		$R_{1,k}$ - Slope β=0°				$R_{1,k}$ - Slope=15°			
	Aantal	Typ	Aantal	Typ	Dowels length [mm]				Dowels length [mm]			
					45	60	80	100	45	60	80	100
CBH105/2.5S	8	CSA5,0X40S	3	STD10S	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2

Product characteristic capacities - Timber beam to timber beam - 30° and 45°



Bevestiging hout op hout



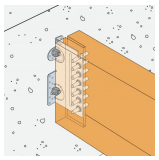


Referentie	Product characteristic capacities - Timber Beam to timber beam - full nailing											
	Bevestigingen				Karakteristieke waarden - Hout C24 [kN]							
	Drager		Spanwijdte		$R_{1,k}$ - Slope β=30°				$R_{1,k}$ - Slope β=45°			
	Aantal	Typ	Aantal	Typ	Dowels length [mm]				Dowels lenght [mm]			
					45	60	80	100	45	60	80	100
CBH105/2.5S	8	CSA5,0X40S	3	STD10S	10.2	10.2	10.2	10.2	-	-	-	-

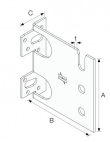
Datasheet

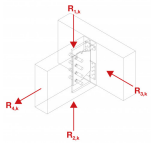
CBH105S
Beugel met insteekblad - Rvs A4

Product characteristic capacities - Timber beam to rigid support - 0° and 15°



Bevestiging hout op harde ondergrond

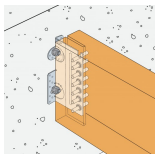




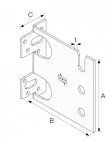
Referentie	Product characteristic capacities - Timber beam to rigid support											
	Bevestigingen				Karakteristieke waarden - Hout C24 [kN]							
	Drager		Spanwijdte		$R_{1,k}$ - Slope β=0°				$R_{1,k}$ - Slope β=15°			
	Aantal	Typ	Aantal	Typ	Dowels length [mm]				Dowels length [mm]			
					45	60	80	100	45	60	80	100
CBH105/2.5S	2	Ø8**	3	STD10S	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2

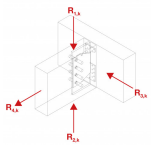
** Refer to the Simpson Strong-Tie anchor product range for suitable anchors. Typical anchor solutions are BOAXII, SET-XP, WA, AT-HP, depending on the concrete type, spacing and edge distances.
Load capacities on concrete shown in this table are given in the case of a full slab fixing. In the context of a different application, it is advisable to the designer to ensure the good anchoring performance (a help for dimensioning is available on our Anchor Designer software, which can be downloaded for free on this website).

Product characteristic capacities - Timber beam to rigid support - 30° and 45°



Bevestiging hout op harde ondergrond





Referentie	Product characteristic capacities - Timber beam to rigid support											
	Bevestigingen				Karakteristieke waarden - Hout C24 [kN]							
	Drager		Spanwijdte		$R_{1,k}$ - Slope β=30°				$R_{1,k}$ Slope β=45°			
	Aantal	Typ	Aantal	Typ	Dowels length [mm]				Dowels lenght [mm]			
					45	60	80	100	45	60	80	100
CBH105/2.5S	2	Ø8**	3	STD10S	10.2	10.2	10.2	10.2	-	-	-	-

** Refer to the Simpson Strong-Tie anchor product range for suitable anchors. Typical anchor solutions are BOAXII, SET-XP, WA, AT-HP, depending on the concrete type, spacing and edge distances.
Load capacities on concrete shown in this table are given in the case of a full slab fixing. In the context of a different application, it is advisable to the designer to ensure the good anchoring performance (a help for dimensioning is available on our Anchor Designer software, which can be downloaded for free on this website).

CBH105S
Beugel met insteekblad - Rvs A4

Plaatsing

Bevestigingen

Hout op hout :
Drager :

- Ringnagels CNA Ø 4,0 x 60 mm (overeenkomstig ETA-04/0013).

Gedragen bouwdeel :

- Pennen Ø 10 mm (lengte op te geven volgens houtdikte).

Hout/harde ondergrond :
Betonnen drager :

- Mechanische verankering Ø 8 mm : BOAX-M8-72/10 A4.
- Chemische verankering : hars AT-HP + draadstang LMAS M8-95/20 A4.

Stalen drager :

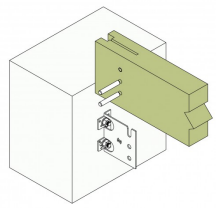
- Bout Ø 8 mm.

Gedragen bouwdeel :

- Pennen Ø 10 mm (lengte op te geven volgens houtdikte - Ref. STD10/X).

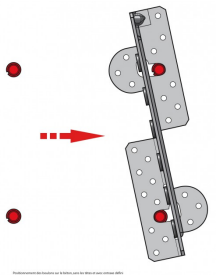
Plaatsing

1. Maak een verticale inkeping van 9 mm breed in de gedragen balk.
2. Identificeer de positie van de pennen op de gedragen balk.
3. Boor dwars door de gedragen balk om de pennen erin te steken (boordiameter afhankelijk van de diameter van de pen).
4. Steek de 1ste bovenste pen in de gedragen balk.

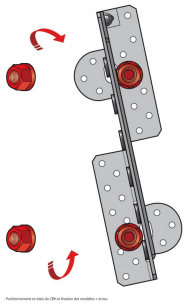


Datasheet

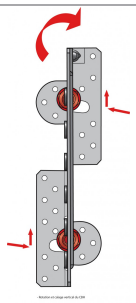
CBH105S
Beugel met insteekblad - Rvs A4



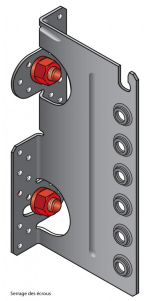
Installatie van CBH op de pluggen



Installatie van de moeren



Rotatie van CBH



Definitieve positie op beton

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fax : +33 2 51 28 44 01