

Technical data sheet

SIMPSON

Strong-Tie

BNG

Wind Bracing Connector

For safe completion of laterals

Features

Material

Steel quality:

S250GD + Z275 according to DIN EN10346

Corrosion protection:

275 g / m galvanized on both sides 20mm

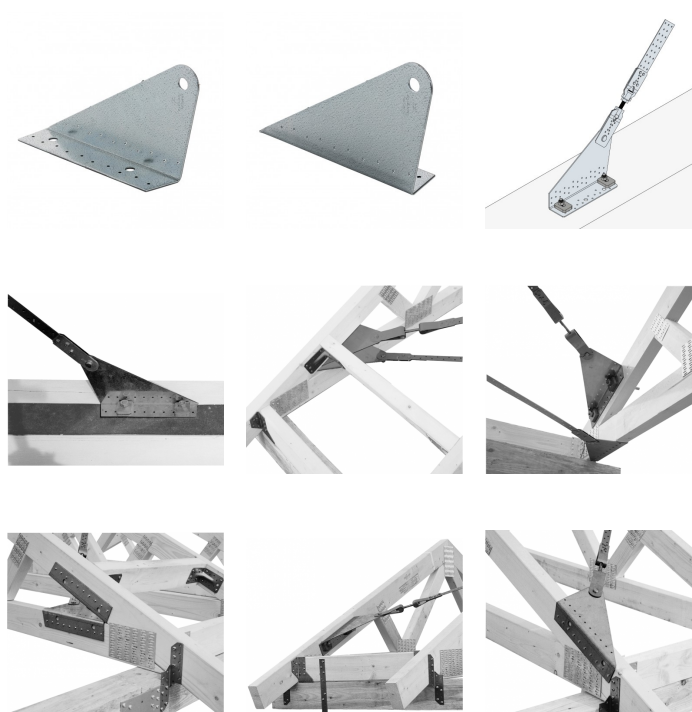
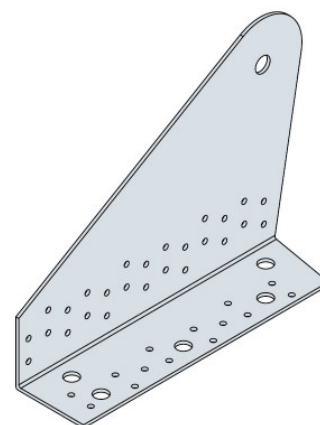
Benefits

- A ribbon connector to the end of X-shaped anchor system in the lower load range can be used BNF
- Unlike BPF BNG has a longer vertical leg with additional holes for fasteners.
- In addition to nails and screws, there is a possibility to connect BNG bolting to the rafters with screws or in concrete.
- U BNG60-B are two screw holes in the vicinity of the bending edge of the concrete connection

Applications

For Use With

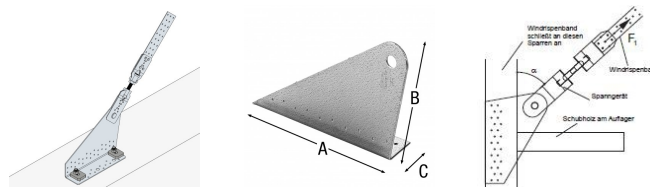
- To connect the X-shaped strip



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Dimensioner



References	Tun / DB nr.	NOB nr	Mal [mm]				Huller overside		Holes in flange		Box Quantity	Weight [kg]
			A	B	C	t	Ø	Antal	Ø	Antal		
BNG25-B	-	-	256	153	50	3	4 + 12.5	10 + 1	4 + 12.5	10 + 2	2	1.8
BNG60-B	-	-	262	198	69	3	5 + 21	26 + 1	5 + 13	14 + 5	2	2.6

Lastbæreevnetabel (karakteristiske værdier) - udsømningsvariant 1

References	Pointes ou boulons [antal]			R _{1,k} - min :								
	Side	Top	Type	Largeur bois min. [mm]	Connexion sur bois - avec angle							Valeurs acier
					30°	35°	40°	45°	50°	55°	60°	
BNG25-B	-	-	-	-	-	-	-	-	-	-	-	-
BNG60-B	-	13	CNA4,0x50	58	10.9	23.8	29.4	31.9	39.6	32	27.7	34.3/kmod

Lastbæreevnetabel (karakteristiske værdier) - udsømningsvariant 2

References	Pointes ou boulons [antal]			R _{1,k} - min :								
	Side	Top	Type	Largeur bois min. [mm]	Connexion sur bois - avec angle							Valeurs acier
					30°	35°	40°	45°	50°	55°	60°	
BNG25-B	-	10	CNA3,1x40	45	15.3	16.2	17.3	18.8	21.8	23.6	25.2	20.6/kmod
BNG60-B	-	-	-	-	-	-	-	-	-	-	-	-

Lastbæreevnetabel (karakteristiske værdier) - udsømningsvariant 3

References	Pointes ou boulons			R _{1,k} - min :								
	Side	Top	Type	Largeur bois min. [mm]	Connexion sur bois - avec angle						Valeurs acier	
					30°	35°	40°	45°	50°	55°		60°
BNG25-B	10	-	CNA3,1x40	45	14.7	15.6	16.7	18.1	19.9	20.5	15.5	20.6/kmod
BNG60-B	14	-	CNA4,0x50	50	15	19.5	19.7	26.8	31.6	31	24.7	34.3/kmod

Lastbæreevnetabel (karakteristiske værdier) - udsømningsvariant 4

References	Pointes ou boulons			R _{1,k} - min :								
	Side	Top	Type	Largeur bois min. [mm]	Connexion sur bois - avec angle						Valeurs acier	
					30°	35°	40°	45°	50°	55°		60°
BNG25-B	10	10	CNA3,0x40	50	23.3	28.1	32	35.1	26.8	26.3	21.9	20.6/kmod
BNG60-B	14	13	CNA4,0x50	58	44.2	39.8	33.4	35.4	36.4	37.5	35.7	34.3/kmod

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Lastbæreevnetabel (karakteristiske værdier) - udsømningsvariant 5

References	Pointes ou boulons			R _{1,k} - min :								
	Side	Top	Type	Largeur bois min. [mm]	Connexion sur bois - avec angle							Valeurs acier
					30°	35°	40°	45°	50°	55°	60°	
BNG25-B	2	-	M12 bolt*	58	10.5	11.1	11.9	12.9	14.2	15.9	18.2	20.6/kmod
BNG60-B	3	-	M12 bolt*	58	11.9	12.5	13.4	14.5	16	15.7	12.8	34.3/kmod

* med U-skive 40x50x10

Lastbæreevnetabel (karakteristiske værdier) - udsømningsvariant beton

References	Pointes ou boulons			R _{1,k} - min :								
	Side	Top	Type	Largeur bois min. [mm]	Connexion sur bois - avec angle							Valeurs acier
					30°	35°	40°	45°	50°	55°	60°	
BNG25-B	2	-	BoAX-II M12 *	-	11.1	12.8	15.3	12.6	9.8	7.9	6.7	20.6/kmod
BNG60-B	2	-	BoAX-II M12 *	-	8.5	9.2	10	11	12.3	13.2	10.5	34.3/kmod

* med U-skive 40x50x10

BNG

Wind Bracing Connector

Installation

Fixing

- CNA4,0 × L Nail
- or CSA5,0 × L Bolt
- or M12 bolts for connection to a concrete / steel

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