Technisches Datenblatt

GLE 2.5
Balkenschuhe GLE

Balkenschuhe GLE eignen sich vornehmlich zur Befestigung größerer Brettschichthölzer an Holz, Beton oder Stahl. Sie dienen speziell den Anschlüssen mit höheren BSH Querschnitten.

Eigenschaften

Material

Stahlqualität:
S 250 GD +Z 275 gemäß DIN EN 10346
Korrosionsschutz:
275 g/m2 beidseitig - entsprechend einer Zinkschichtdicke von ca. 20 µm

Vorteile

Schnelle und einfache Installation

Anwendung

Anwendbare Materialien

Auflager:

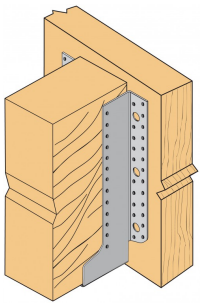
- Holz, Holzwerkstoffe, Beton, Stahl

Aufzulagerndes Bauteil:

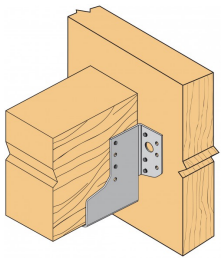
- Holz, Holzwerkstoffe

Anwendungsbereich

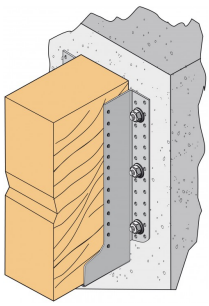
- Anschlüsse von Nebenträgern aus Holz oder Holzwerkstoffen an Hauptträger/ Stützen aus Holz/Holzwerkstoffen oder Beton/ Stahl / Mauerwerk



Vollausnagelung



Teilausnagelung

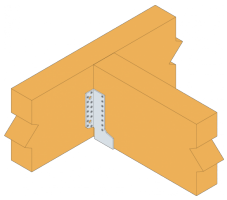


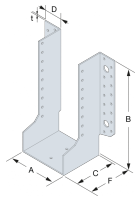
Anschluss an Beton

Technische Daten

Technisches Datenblatt

GLE 2.5
Balkenschuhe GLE





Abmessungen

Artikel	Abmessungen [mm]						Löcher im Hauptträger		Löcher im Nebenträger	Gewicht [kg]
	A	B	C	D	F	t	Ø5	Ø14	Ø5	
GLE500/50/2,5	50	225	90	38.5	95	2.5	26	4	15	0.82
GLE500/70/2,5	70	215	90	38.5	95	2.5	26	4	15	0.82
GLE500/76/2,5	76	212	90	38.5	95	2.5	26	4	15	0.82
GLE500/80/2,5	80	210	90	38.5	95	2.5	26	4	15	0.82
GLE540/80/2,5		230	90	38.5	95	2.5	30	4	17	0.99
GLE600/80/2,5		260	90	38.5	95	2.5	36	4	20	1.1
GLE660/80/2,5		290	90	38.5	95	2.5	40	6	23	1.1
GLE720/80/2,5		320	90	38.5	95	2.5	46	6	26	1.2
GLE780/80/2,5		350	90	38.5	95	2.5	48	6	29	1.4
GLE840/80/2,5		380	90	38.5	95	2.5	54	6	32	1.5
GLE900/80/2,5		410	90	38.5	95	2.5	60	6	35	1.6
GLE960/80/2,5		440	90	38.5	95	2.5	64	8	38	1.7
GLE1020/80/2,5		470	90	38.5	95	2.5	70	8	41	1.8
GLE500/90/2,5	90	205	90	38.5	95	2.5	26	4	15	0.82
GLE540/90/2,5		225	90	38.5	95	2.5	30	4	17	0.99
GLE600/90/2,5		255	90	38.5	95	2.5	36	4	20	1.1
GLE660/90/2,5		285	90	38.5	95	2.5	40	6	23	1.2
GLE720/90/2,5		315	90	38.5	95	2.5	46	6	26	1.2
GLE780/90/2,5		345	90	38.5	95	2.5	48	6	29	1.4
GLE840/90/2,5		375	90	38.5	95	2.5	54	6	32	1.5
GLE900/90/2,5		405	90	38.5	95	2.5	60	6	35	1.6
GLE960/90/2,5		435	90	38.5	95	2.5	64	8	38	1.7
GLE1020/90/2,5		465	90	38.5	95	2.5	70	8	41	1.8
GLE500/100/2,5	100	200	90	38.5	95	2.5	26	4	15	0.82
GLE540/100/2,5		220	90	38.5	95	2.5	30	4	17	0.92
GLE600/100/2,5		250	90	38.5	95	2.5	36	4	20	0.98
GLE660/100/2,5		280	90	38.5	95	2.5	40	6	23	1.1
GLE720/100/2,5		310	90	38.5	95	2.5	46	6	26	1.2
GLE780/100/2,5		340	90	38.5	95	2.5	48	6	29	1.4
GLE840/100/2,5		370	90	38.5	95	2.5	54	6	32	1.5
GLE900/100/2,5		400	90	38.5	95	2.5	60	6	35	1.6
GLE960/100/2,5		430	90	38.5	95	2.5	64	8	38	1.7
GLE1020/100/2,5		460	90	38.5	95	2.5	70	8	41	1.8
GLE500/120/2,5	120	190	90	38.5	95	2.5	26	4	15	0.82
GLE540/120/2,5		210	90	38.5	95	2.5	30	4	17	0.92
GLE600/120/2,5		240	90	38.5	95	2.5	36	4	20	1.1
GLE660/120/2,5		270	90	38.5	95	2.5	40	6	23	1.1
GLE720/120/2,5		300	90	38.5	95	2.5	46	6	26	1.2
GLE780/120/2,5		330	90	38.5	95	2.5	48	6	29	1.4
GLE840/120/2,5		360	90	38.5	95	2.5	54	6	32	1.5
GLE900/120/2,5		390	90	38.5	95	2.5	60	6	35	1.6
GLE960/120/2,5		420	90	38.5	95	2.5	64	8	38	1.7
GLE1020/120/2,5		450	90	38.5	95	2.5	70	8	41	1.8

Technisches Datenblatt

GLE 2.5

Balkenschuhe GLE

Artikel	Abmessungen [mm]						Löcher im Hauptträger		Löcher im Nebenträger	Gewicht [kg]
	A	B	C	D	F	t	Ø5	Ø14	Ø5	
GLE500/140/2,5	140	180	90	38.5	95	2.5	26	4	15	0.82
GLE540/140/2,5		200	90	38.5	95	2.5	30	4	17	0.92
GLE600/140/2,5		230	90	38.5	95	2.5	36	4	20	0.98
GLE660/140/2,5		260	90	38.5	95	2.5	40	6	23	1.1
GLE720/140/2,5		290	90	38.5	95	2.5	46	6	26	1.2
GLE780/140/2,5		320	90	38.5	95	2.5	48	6	29	1.4
GLE840/140/2,5		350	90	38.5	95	2.5	54	6	32	1.5
GLE900/140/2,5		380	90	38.5	95	2.5	60	6	35	1.6
GLE960/140/2,5		410	90	38.5	95	2.5	64	8	38	1.7
GLE1020/140/2,5		440	90	38.5	95	2.5	70	8	41	1.8
GLE500/160/2,5	160	170	90	38.5	95	2.5	26	4	15	0.82
GLE540/160/2,5		190	90	38.5	95	2.5	30	4	17	0.92
GLE600/160/2,5		220	90	38.5	95	2.5	36	4	20	0.98
GLE660/160/2,5		250	90	38.5	95	2.5	40	6	23	1.4
GLE720/160/2,5		280	90	38.5	95	2.5	46	6	26	1.2
GLE780/160/2,5		310	90	38.5	95	2.5	48	6	29	1.4
GLE840/160/2,5		340	90	38.5	95	2.5	54	6	32	1.5
GLE900/160/2,5		370	90	38.5	95	2.5	60	6	35	1.6
GLE960/160/2,5		400	90	38.5	95	2.5	64	8	38	1.7
GLE1020/160/2,5		430	90	38.5	95	2.5	70	8	41	1.8
GLE500/180/2,5	180	160	90	38.5	95	2.5	18	4	13	0.82
GLE540/180/2,5		180	90	38.5	95	2.5	18	4	13	0.92
GLE600/180/2,5		210	90	38.5	95	2.5	24	4	16	0.98
GLE660/180/2,5		240	90	38.5	95	2.5	28	6	19	1.1
GLE720/180/2,5		270	90	38.5	95	2.5	34	6	22	1.2
GLE780/180/2,5		300	90	38.5	95	2.5	40	6	25	1.4
GLE840/180/2,5		330	90	38.5	95	2.5	46	6	28	1.5
GLE900/180/2,5		360	90	38.5	95	2.5	52	6	31	1.6
GLE960/180/2,5		390	90	38.5	95	2.5	58	6	34	1.7
GLE1020/180/2,5		420	90	38.5	95	2.5	62	8	37	1.8
GLE500/200/2,5	200	150	90	38.5	95	2.5	18	4	13	0.82
GLE540/200/2,5		170	90	38.5	95	2.5	18	4	13	0.92
GLE600/200/2,5		200	90	38.5	95	2.5	24	4	16	0.98
GLE660/200/2,5		230	90	38.5	95	2.5	28	6	19	1.1
GLE720/200/2,5		260	90	38.5	95	2.5	34	6	22	1.2
GLE780/200/2,5		290	90	38.5	95	2.5	40	6	25	1.4
GLE840/200/2,5		320	90	38.5	95	2.5	46	6	28	1.5
GLE900/200/2,5		350	90	38.5	95	2.5	52	6	31	1.6
GLE960/200/2,5		380	90	38.5	95	2.5	58	6	34	1.7
GLE1020/200/2,5		410	90	38.5	95	2.5	62	8	37	1.8
GLE540/220/2,5	220	160	90	38.5	95	2.5	18	4	13	0.92
GLE600/220/2,5		190	90	38.5	95	2.5	24	4	16	0.98
GLE660/220/2,5		220	90	38.5	95	2.5	28	6	19	1.1
GLE720/220/2,5		250	90	38.5	95	2.5	34	6	22	1.2
GLE780/220/2,5		280	90	38.5	95	2.5	40	6	25	1.4
GLE840/220/2,5		310	90	38.5	95	2.5	46	6	28	1.5
GLE900/220/2,5		340	90	38.5	95	2.5	52	6	31	1.6
GLE960/220/2,5		370	90	38.5	95	2.5	58	6	34	1.7
GLE1020/220/2,5		400	90	38.5	95	2.5	62	8	37	1.8

Technisches Datenblatt

GLE 2.5

Balkenschuhe GLE

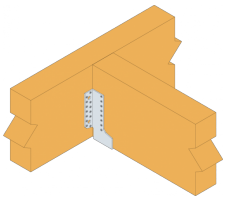
Artikel	Abmessungen [mm]						Löcher im Hauptträger		Löcher im Nebenträger	Gewicht [kg]
	A	B	C	D	F	t	Ø5	Ø14	Ø5	
GLE540/240/2,5	240	150	90	38.5	95	2.5	18	4	13	0.92
GLE600/240/2,5		180	90	38.5	95	2.5	24	4	16	0.98
GLE660/240/2,5		210	90	38.5	95	2.5	28	6	19	1.1
GLE720/240/2,5		240	90	38.5	95	2.5	34	6	22	1.2
GLE780/240/2,5		270	90	38.5	95	2.5	40	6	25	1.4
GLE840/240/2,5		300	90	38.5	95	2.5	46	6	28	1.5
GLE900/240/2,5		330	90	38.5	95	2.5	52	6	31	1.6
GLE960/240/2,5		360	90	38.5	95	2.5	58	6	34	1.7
GLE1020/240/2,5		390	90	38.5	95	2.5	62	8	37	1.8

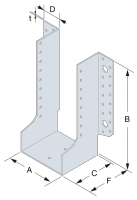
Technisches Datenblatt

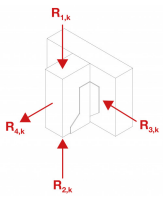
GLE 2.5
Balkenschuhe GLE

SIMPSON Strong-Tie

Charakteristische Tragfähigkeiten - Holz an Holz - Vollausnagelung







Artikel	Charakter. Tragfähigkeit - Holz an Holz - Vollausnagelung					
	Verbindungsmittel		Charakter. Tragfähigkeiten - Nadelholz C24 [kN]			
	Hauptträger	Nebenträger	$R_{1.k}$	$R_{2.k}$	$R_{3.k}$	$R_{4.k}$
	Anzahl	Anzahl	CNA4,0x50	CNA4,0x50	CNA4,0x50	CNA4,0x50
GLE500/50/2,5	26	15	-	-	-	-
GLE500/70/2,5	26	15	32.9	29.1	7.3	11.8
GLE500/76/2,5	26	15	32.9	29.1	7.8	11.8
GLE500/80/2,5	26	15	32.9	29.1	8.1	11.8
GLE540/80/2,5	30	17	37.2	33.5	8.5	13.7
GLE600/80/2,5	36	20	43.8	39.4	8.9	15.7
GLE660/80/2,5	40	23	50.4	45.3	9.2	17.6
GLE720/80/2,5	46	26	56.9	51.2	9.5	19.6
GLE780/80/2,5	48	29	63.5	57.2	10	21.6
GLE840/80/2,5	54	32	70.1	63.1	10.1	23.5
GLE900/80/2,5	60	35	76.7	69	10.2	27.4
GLE960/80/2,5	64	38	83.2	74.9	10.3	27.4
GLE1020/80/2,5	70	41	89.8	80.8	10.3	31.4
GLE500/90/2,5	26	15	32.9	29.1	8.8	11.8
GLE540/90/2,5	30	17	37.2	33.5	9.3	13.7
GLE600/90/2,5	36	20	43.8	39.4	9.8	15.7
GLE660/90/2,5	40	23	50.4	45.3	10.2	17.6
GLE720/90/2,5	46	26	56.9	51.2	10.5	19.6
GLE780/90/2,5	48	29	63.5	57.2	11.1	21.6
GLE840/90/2,5	54	32	70.1	63.1	11.3	23.5
GLE900/90/2,5	60	35	76.7	69	11.4	27.4
GLE960/90/2,5	64	38	83.2	74.9	11.5	27.4
GLE1020/90/2,5	70	41	89.8	80.8	11.6	31.4
GLE500/100/2,5	26	15	32.9	29.1	9.5	11.8
GLE540/100/2,5	30	17	37.2	33.5	10	13.7
GLE600/100/2,5	36	20	43.8	39.4	10.7	15.7
GLE660/100/2,5	40	23	50.4	45.3	11.1	17.6
GLE720/100/2,5	46	26	56.9	51.2	11.5	19.6
GLE780/100/2,5	48	29	63.5	57.2	12.2	21.6
GLE840/100/2,5	54	32	70.1	63.1	12.4	23.5
GLE900/100/2,5	60	35	76.7	69	12.6	27.4
GLE960/100/2,5	64	38	83.2	74.9	12.7	27.4
GLE1020/100/2,5	70	41	89.8	80.8	12.8	31.4
GLE500/120/2,5	26	15	32.9	29.1	10.6	11.8
GLE540/120/2,5	30	17	37.2	33.5	11.3	13.7
GLE600/120/2,5	36	20	43.8	39.4	12.2	15.7
GLE660/120/2,5	40	23	50.4	45.3	12.8	17.6
GLE720/120/2,5	46	26	56.9	51.2	13.4	19.6
GLE780/120/2,5	48	29	63.5	57.2	14.3	21.6

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Technisches Datenblatt

GLE 2.5

Balkenschuhe GLE

Artikel	Charakter. Tragfähigkeit - Holz an Holz - Vollausnagelung					
	Verbindungsmittel		Charakter. Tragfähigkeiten - Nadelholz C24 [kN]			
	Hauptträger	Nebenträger	$R_{1.k}$	$R_{2.k}$	$R_{3.k}$	$R_{4.k}$
	Anzahl	Anzahl	CNA4,0x50	CNA4,0x50	CNA4,0x50	CNA4,0x50
GLE840/120/2,5	54	32	70.1	63.1	14.6	23.5
GLE900/120/2,5	60	35	76.7	69	14.8	27.4
GLE960/120/2,5	64	38	83.2	74.9	15	27.4
GLE1020/120/2,5	70	41	89.8	80.8	15.1	31.4
GLE500/140/2,5	26	15	32.9	29.1	11.4	11.8
GLE540/140/2,5	30	17	37.2	33.5	12.3	13.7
GLE600/140/2,5	36	20	43.8	39.4	13.5	15.7
GLE660/140/2,5	40	23	50.4	45.3	14.3	17.6
GLE720/140/2,5	46	26	56.9	51.2	15.1	19.6
GLE780/140/2,5	48	29	63.5	57.2	16.1	21.6
GLE840/140/2,5	54	32	70.1	63.1	16.5	23.5
GLE900/140/2,5	60	35	76.7	69	16.8	27.4
GLE960/140/2,5	64	38	83.2	74.9	17.1	27.4
GLE1020/140/2,5	70	41	89.8	80.8	17.4	31.4
GLE500/160/2,5	26	15	32.9	29.1	12.1	11.8
GLE540/160/2,5	30	17	37.2	33.5	13.2	13.7
GLE600/160/2,5	36	20	43.8	39.4	14.5	15.7
GLE660/160/2,5	40	23	50.4	45.3	15.6	17.6
GLE720/160/2,5	46	26	56.9	51.2	16.5	19.6
GLE780/160/2,5	48	29	63.5	57.2	17.7	21.6
GLE840/160/2,5	54	32	70.1	63.1	18.3	23.5
GLE900/160/2,5	60	35	76.7	69	18.7	27.4
GLE960/160/2,5	64	38	83.2	74.9	19.1	27.4
GLE1020/160/2,5	70	41	89.8	80.8	19.5	31.4
GLE500/180/2,5	18	13	26	16.9	11.4	7.8
GLE540/180/2,5	18	13	28.5	16.9	11.3	7.8
GLE600/180/2,5	24	16	35	25.9	13.2	9.8
GLE660/180/2,5	28	19	41.6	34.3	14.8	11.8
GLE720/180/2,5	34	22	48.2	43.4	16.2	13.7
GLE780/180/2,5	40	25	54.8	49.3	17.3	17.6
GLE840/180/2,5	46	28	61.3	55.2	18.3	19.6
GLE900/180/2,5	52	31	67.9	61.1	19	23.5
GLE960/180/2,5	58	34	74.5	67	19.7	25.5
GLE1020/180/2,5	62	37	81	72.9	20.2	27.4
GLE500/200/2,5	18	13	24.1	16.9	11.7	7.8
GLE540/200/2,5	18	13	27.7	16.9	11.6	7.8
GLE600/200/2,5	24	16	35	25.9	13.7	9.8
GLE660/200/2,5	28	19	41.6	34.3	15.5	11.8
GLE720/200/2,5	34	22	48.2	43.4	17.1	13.7
GLE780/200/2,5	40	25	54.8	49.3	18.3	17.6
GLE840/200/2,5	46	28	61.3	55.2	19.4	19.6
GLE900/200/2,5	52	31	67.9	61.1	20.3	23.5
GLE960/200/2,5	58	34	74.5	67	21.2	25.5
GLE1020/200/2,5	62	37	81	72.9	21.8	27.4
GLE540/220/2,5	18	13	26	16.9	11.8	7.8

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Technisches Datenblatt

GLE 2.5
Balkenschuhe GLE

Artikel	Charakter. Tragfähigkeit - Holz an Holz - Vollausnagelung					
	Verbindungsmittel		Charakter. Tragfähigkeiten - Nadelholz C24 [kN]			
	Hauptträger	Nebenträger	$R_{1.k}$	$R_{2.k}$	$R_{3.k}$	$R_{4.k}$
	Anzahl	Anzahl	CNA4,0x50	CNA4,0x50	CNA4,0x50	CNA4,0x50
GLE600/220/2,5	24	16	35	25.9	14	9.8
GLE660/220/2,5	28	19	41.6	34.3	16	11.8
GLE720/220/2,5	34	22	48.2	43.4	17.7	13.7
GLE780/220/2,5	40	25	54.8	49.3	19.2	17.6
GLE840/220/2,5	46	28	61.3	55.2	20.5	19.6
GLE900/220/2,5	52	31	67.9	61.1	21.5	23.5
GLE960/220/2,5	58	34	74.5	67	22.5	25.5
GLE1020/220/2,5	62	37	81	72.9	23.3	27.4
GLE540/240/2,5	18	13	24.1	16.9	12	7.8
GLE600/240/2,5	24	16	34.7	25.9	14.3	9.8
GLE660/240/2,5	28	19	41.6	34.3	16.4	11.8
GLE720/240/2,5	34	22	48.2	43.4	18.3	13.7
GLE780/240/2,5	40	25	54.8	49.3	19.9	17.6
GLE840/240/2,5	46	28	61.3	55.2	21.4	19.6
GLE900/240/2,5	52	31	67.9	61.1	22.6	23.5
GLE960/240/2,5	58	34	74.5	67	23.7	25.5
GLE1020/240/2,5	62	37	81	72.9	24.6	27.4

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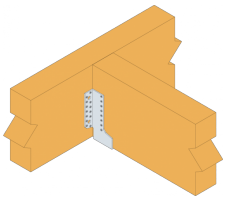
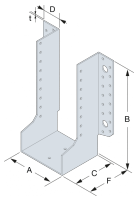
Technisches Datenblatt

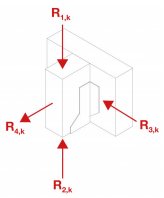
GLE 2.5
Balkenschuhe GLE

SIMPSON Strong-Tie

Tragfähigkeiten - Balken an Balken - Teilausnagelung







Artikel	Charakter. Tragfähigkeit - Holz an Holz - Teilausnagelung					
	Verbindungsmittel		Charakter. Tragfähigkeiten - Nadelholz C24 [kN]			
	Hauptträger	Nebenträger	$R_{1.k}$	$R_{2.k}$	$R_{3.k}$	$R_{4.k}$
	Anzahl	Anzahl	CNA4,0x50	CNA4,0x50	CNA4,0x50	CNA4,0x50
GLE500/50/2,5	12	8	-	-	-	-
GLE500/70/2,5	12	8	17.5	13.6	3.9	11.8
GLE500/76/2,5	12	8	17.5	13.6	4.1	11.8
GLE500/80/2,5	12	8	17.5	13.6	4.3	11.8
GLE540/80/2,5	14	9	19.7	16.9	4.5	13.7
GLE600/80/2,5	16	10	21.9	19.7	4.5	15.7
GLE660/80/2,5	18	12	26.3	23.7	4.8	17.6
GLE720/80/2,5	20	14	30.7	27.6	5.2	19.6
GLE780/80/2,5	22	15	32.9	29.6	5.2	21.6
GLE840/80/2,5	24	16	35	31.5	5.2	23.5
GLE900/80/2,5	28	18	39.4	35.5	5.3	27.4
GLE960/80/2,5	28	20	43.8	39.4	5.5	27.4
GLE1020/80/2,5	32	21	46	41.4	5.3	31.4
GLE500/90/2,5	12	8	17.5	13.6	4.7	11.8
GLE540/90/2,5	14	9	19.7	16.9	4.9	13.7
GLE600/90/2,5	16	10	21.9	19.7	5	15.7
GLE660/90/2,5	18	12	26.3	23.7	5.3	17.6
GLE720/90/2,5	20	14	30.7	27.6	5.8	19.6
GLE780/90/2,5	22	15	32.9	29.6	5.8	21.6
GLE840/90/2,5	24	16	35	31.5	5.8	23.5
GLE900/90/2,5	28	18	39.4	35.5	5.9	27.4
GLE960/90/2,5	28	20	43.8	39.4	6.1	27.4
GLE1020/90/2,5	32	21	46	41.4	5.9	31.4
GLE500/100/2,5	12	8	17.5	13.6	5.1	11.8
GLE540/100/2,5	14	9	19.7	16.9	5.3	13.7
GLE600/100/2,5	16	10	21.9	19.7	5.4	15.7
GLE660/100/2,5	18	12	26.3	23.7	5.8	17.6
GLE720/100/2,5	20	14	30.7	27.6	6.3	19.6
GLE780/100/2,5	22	15	32.9	29.6	6.4	21.6
GLE840/100/2,5	24	16	35	31.5	6.3	23.5
GLE900/100/2,5	28	18	39.4	35.5	6.5	27.4
GLE960/100/2,5	28	20	43.8	39.4	6.8	27.4
GLE1020/100/2,5	32	21	46	41.4	6.6	31.4
GLE500/120/2,5	12	8	17.5	13.6	5.6	11.8
GLE540/120/2,5	14	9	19.7	16.9	6	13.7
GLE600/120/2,5	16	10	21.9	19.7	6.2	15.7
GLE660/120/2,5	18	12	26.3	23.7	6.7	17.6
GLE720/120/2,5	20	14	30.7	27.6	7.3	19.6
GLE780/120/2,5	22	15	32.9	29.6	7.4	21.6

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Technisches Datenblatt

GLE 2.5

Balkenschuhe GLE

Artikel	Charakter. Tragfähigkeit - Holz an Holz - Teilausnagelung					
	Verbindungsmittel		Charakter. Tragfähigkeiten - Nadelholz C24 [kN]			
	Hauptträger	Nebenträger	$R_{1.k}$	$R_{2.k}$	$R_{3.k}$	$R_{4.k}$
	Anzahl	Anzahl	CNA4,0x50	CNA4,0x50	CNA4,0x50	CNA4,0x50
GLE840/120/2,5	24	16	35	31.5	7.4	23.5
GLE900/120/2,5	28	18	39.4	35.5	7.6	27.4
GLE960/120/2,5	28	20	43.8	39.4	8	27.4
GLE1020/120/2,5	32	21	46	41.4	7.8	31.4
GLE500/140/2,5	12	8	17.3	13.6	6.1	11.8
GLE540/140/2,5	14	9	19.7	16.9	6.5	13.7
GLE600/140/2,5	16	10	21.9	19.7	6.8	15.7
GLE660/140/2,5	18	12	26.3	23.7	7.5	17.6
GLE720/140/2,5	20	14	30.7	27.6	8.2	19.6
GLE780/140/2,5	22	15	32.9	29.6	8.4	21.6
GLE840/140/2,5	24	16	35	31.5	8.4	23.5
GLE900/140/2,5	28	18	39.4	35.5	8.7	27.4
GLE960/140/2,5	28	20	43.8	39.4	9.1	27.4
GLE1020/140/2,5	32	21	46	41.4	8.9	31.4
GLE500/160/2,5	12	8	16.1	13.6	6.5	11.8
GLE540/160/2,5	14	9	19.7	16.9	7	13.7
GLE600/160/2,5	16	10	21.9	19.7	7.3	15.7
GLE660/160/2,5	18	12	26.3	23.7	8.1	17.6
GLE720/160/2,5	20	14	30.7	27.6	9	19.6
GLE780/160/2,5	22	15	32.9	29.6	9.2	21.6
GLE840/160/2,5	24	16	35	31.5	9.3	23.5
GLE900/160/2,5	28	18	39.4	35.5	9.7	27.4
GLE960/160/2,5	28	20	43.8	39.4	10.2	27.4
GLE1020/160/2,5	32	21	46	41.4	10	31.4
GLE500/180/2,5	8	7	12.4	7.7	6.2	7.8
GLE540/180/2,5	8	7	13.6	7.7	6.1	7.8
GLE600/180/2,5	10	8	17.5	10.7	6.7	9.8
GLE660/180/2,5	12	10	21.3	15.1	7.8	11.8
GLE720/180/2,5	14	12	25.8	18.4	9	13.7
GLE780/180/2,5	18	13	28.5	25.6	9	17.6
GLE840/180/2,5	20	14	30.7	27.6	9.2	19.6
GLE900/180/2,5	24	16	35	31.5	9.8	23.5
GLE960/180/2,5	26	18	39.4	35.5	10.6	25.5
GLE1020/180/2,5	28	19	41.6	37.4	10.4	27.4
GLE500/200/2,5	8	7	11.6	7.7	6.3	7.8
GLE540/200/2,5	8	7	13.1	7.7	6.3	7.8
GLE600/200/2,5	10	8	17.2	10.7	6.9	9.8
GLE660/200/2,5	12	10	20.7	15.1	8.2	11.8
GLE720/200/2,5	14	12	25.2	18.4	9.4	13.7
GLE780/200/2,5	18	13	28.5	25.6	9.6	17.6
GLE840/200/2,5	20	14	30.7	27.6	9.8	19.6
GLE900/200/2,5	24	16	35	31.5	10.5	23.5
GLE960/200/2,5	26	18	39.4	35.5	11.3	25.5
GLE1020/200/2,5	28	19	41.6	37.4	11.2	27.4
GLE540/220/2,5	8	7	12.4	7.7	6.4	7.8

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Technisches Datenblatt

GLE 2.5
Balkenschuhe GLE

Artikel	Charakter. Tragfähigkeit - Holz an Holz - Teilausnagelung					
	Verbindungsmittel		Charakter. Tragfähigkeiten - Nadelholz C24 [kN]			
	Hauptträger	Nebenträger	$R_{1.k}$	$R_{2.k}$	$R_{3.k}$	$R_{4.k}$
	Anzahl	Anzahl	CNA4,0x50	CNA4,0x50	CNA4,0x50	CNA4,0x50
GLE600/220/2,5	10	8	16.5	10.7	7.1	9.8
GLE660/220/2,5	12	10	20	15.1	8.4	11.8
GLE720/220/2,5	14	12	24.6	18.4	9.8	13.7
GLE780/220/2,5	18	13	28.5	25.6	10	17.6
GLE840/220/2,5	20	14	30.7	27.6	10.3	19.6
GLE900/220/2,5	24	16	35	31.5	11.1	23.5
GLE960/220/2,5	26	18	39.4	35.5	12.1	25.5
GLE1020/220/2,5	28	19	41.6	37.4	12	27.4
GLE540/240/2,5	8	7	11.6	7.7	6.5	7.8
GLE600/240/2,5	10	8	15.8	10.7	7.2	9.8
GLE660/240/2,5	12	10	19.2	15.1	8.7	11.8
GLE720/240/2,5	14	12	23.9	18.4	10.1	13.7
GLE780/240/2,5	18	13	28.5	25.6	10.4	17.6
GLE840/240/2,5	20	14	30.7	27.6	10.8	19.6
GLE900/240/2,5	24	16	35	31.5	11.7	23.5
GLE960/240/2,5	26	18	39.4	35.5	12.7	25.5
GLE1020/240/2,5	28	19	41.6	37.4	12.6	27.4

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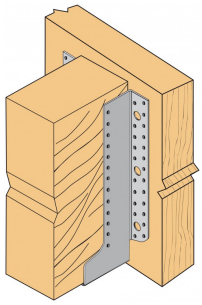
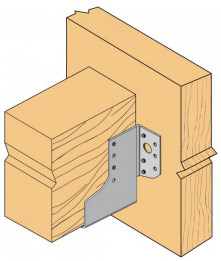
Installation

Befestigungsmittel

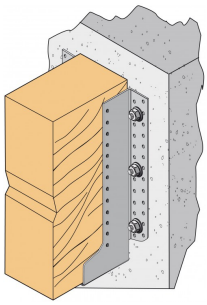
Befestigungsmittel
Die angegebenen Tragfähigkeiten des Verbinders sind gültig bei der Verwendung von CE gekennzeichneten Verbindungsmitteln nach ETA-04/0013.
<u>Nebenträger:</u>
CNA Kammnägel Ø 4.0x50 mm.
CNA Kammnägel Ø 4.0x35 mm bei einer Breite kleiner 64 mm.
CSA Schrauben Ø 5.0x40 mm.
CSA Schrauben Ø 5.0x35 mm bei einer Breite kleiner 60 mm.
<u>Hauptträger:</u>
Holz Untergrund:
CNA Kammnägel Ø 4.0x50 mm.
CSA Schrauben Ø 5.0x40 mm.
Stahl Untergrund:
Bolzen Ø 12 mm (Das Lochspiel ist auf maximal 2mm begrenzt).
Beton Untergrund:
Mechanicher Anker: WA M12-104/5
Chemischer Anker: AT-HP Mörtel + LMAS M12-150/35 Gewindestange.
Mauerwerk Untergrund:
Chemischer Anker: AT-HP oder POLY-GP Mörtel + LMAS M12-150/35 Gewindestange + SH M16-130 Sieb.



Vollausnagelung



Teilausnagelung



Anschluss an Beton