

GLE 2.5

Big face fix hangers exterior flange- 2,5 mm

Big face hangers external or internal flange are recommended in a number of applications. They are used to assemble a structure effectively without custom machining and thus enhance structural reliability. Similarly, with a large number of applications, these versatile products have today become essential in construction. This new profile allows greater versatility particularly in terms of bending width. It is also designed to be fully compatible with Simpson Strong-Tie anchors and thus facilitate fastening on concrete substrate.

Features

Materiál

- S250GD + Z275 according to NF EN 10346.
- Thickness: 2.5 mm.

Vorteile

- Quick and simple installation
- Great adaptivness
- Facilitate connection on concrete support
- Choice of widths according to the ranges indicated

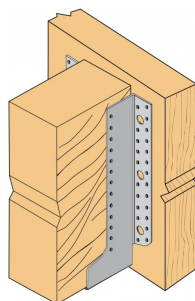
Applications

Support

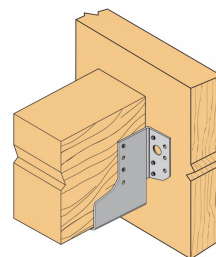
- **Supporting member:** solid wood, composite lumber, glued-laminated wood, steel, concrete.
- **Supported member:** solid wood, composite lumber, glued-laminated wood, triangular trusses, profiles, etc.

Anwendungsbereich

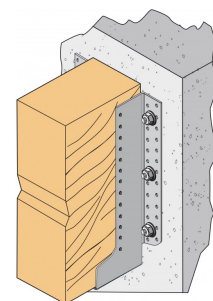
- Joists, purlins.
- Cladding plates and uprights.
- Rafter ends.
- Refurbishment of existing assemblies, etc.



Clouage total sur bois.



Clouage partiel sur bois.



Fixation sur support rigide.

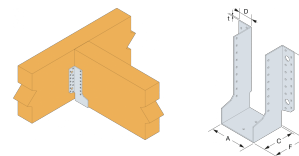
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Technical Data

GLE 2.5

Big face fix hangers exterior flange- 2,5 mm



Rozměry a typické hodnoty

Art. nr.	Rozměry vedlejšího nosníku [mm]				Rozměry a typické hodnoty [mm]						Otvory hlavy		Otvory trámu
	Šířka		Výška [mm]		A	B	C	D	F	t	Ø5	Ø14	Ø5
	Výška [mm]	Max.	Výška [mm]	Max.									
GLE540/80/2,5	78	80	240	345	80	230	90	38.5	95	2.5	30	4	17
GLE600/80/2,5	78	80	270	390		260	90	38.5	95	2.5	36	4	20
GLE660/80/2,5	78	80	300	435		290	90	38.5	95	2.5	40	6	23
GLE720/80/2,5	78	80	330	480		320	90	38.5	95	2.5	46	6	26
GLE780/80/2,5	78	80	360	525		350	90	38.5	95	2.5	48	6	29
GLE840/80/2,5	78	80	390	570		380	90	38.5	95	2.5	54	6	32
GLE900/80/2,5	78	80	420	615		410	90	38.5	95	2.5	60	6	35
GLE960/80/2,5	78	80	450	660		440	90	38.5	95	2.5	64	8	38
GLE1020/80/2,5	78	80	480	705		470	90	38.5	95	2.5	70	8	41
GLE540/90/2,5	88	90	235	337		90	225	90	38.5	95	2.5	30	4
GLE600/90/2,5	88	90	265	382	255		90	38.5	95	2.5	36	4	20
GLE660/90/2,5	88	90	295	427	285		90	38.5	95	2.5	40	6	23
GLE720/90/2,5	88	90	325	472	315		90	38.5	95	2.5	46	6	26
GLE780/90/2,5	88	90	355	517	345		90	38.5	95	2.5	48	6	29
GLE840/90/2,5	88	90	385	562	375		90	38.5	95	2.5	54	6	32
GLE900/90/2,5	88	90	415	607	405		90	38.5	95	2.5	60	6	35
GLE960/90/2,5	88	90	445	652	435		90	38.5	95	2.5	64	8	38
GLE1020/90/2,5	88	90	475	697	465		90	38.5	95	2.5	70	8	41
GLE540/100/2,5	98	100	230	330	100		220	90	38.5	95	2.5	30	4
GLE600/100/2,5	98	100	260	375		250	90	38.5	95	2.5	36	4	20
GLE660/100/2,5	98	100	290	420		280	90	38.5	95	2.5	40	6	23
GLE720/100/2,5	98	100	320	465		310	90	38.5	95	2.5	46	6	26
GLE780/100/2,5	98	100	350	510		340	90	38.5	95	2.5	48	6	29
GLE840/100/2,5	98	100	380	555		370	90	38.5	95	2.5	54	6	32
GLE900/100/2,5	98	100	410	600		400	90	38.5	95	2.5	60	6	35
GLE960/100/2,5	98	100	440	645		430	90	38.5	95	2.5	64	8	38
GLE1020/100/2,5	98	100	470	690		460	90	38.5	95	2.5	70	8	41
GLE540/120/2,5	118	120	220	315		120	210	90	38.5	95	2.5	30	4
GLE600/120/2,5	118	120	250	360	240		90	38.5	95	2.5	36	4	20
GLE660/120/2,5	118	120	280	405	270		90	38.5	95	2.5	40	6	23
GLE720/120/2,5	118	120	310	450	300		90	38.5	95	2.5	46	6	26
GLE780/120/2,5	118	120	340	495	330		90	38.5	95	2.5	48	6	29
GLE840/120/2,5	118	120	370	540	360		90	38.5	95	2.5	54	6	32
GLE900/120/2,5	118	120	400	585	390		90	38.5	95	2.5	60	6	35
GLE960/120/2,5	118	120	430	630	420		90	38.5	95	2.5	64	8	38
GLE1020/120/2,5	118	120	460	675	450		90	38.5	95	2.5	70	8	41
GLE540/140/2,5	138	140	210	300	140		200	90	38.5	95	2.5	30	4
GLE600/140/2,5	138	140	240	345		230	90	38.5	95	2.5	36	4	20
GLE660/140/2,5	138	140	270	390		260	90	38.5	95	2.5	40	6	23
GLE720/140/2,5	138	140	300	435		290	90	38.5	95	2.5	46	6	26
GLE780/140/2,5	138	140	330	480		320	90	38.5	95	2.5	48	6	29
GLE840/140/2,5	138	140	360	525		350	90	38.5	95	2.5	54	6	32
GLE900/140/2,5	138	140	390	570		380	90	38.5	95	2.5	60	6	35

GLE 2.5

Big face fix hangers exterior flange- 2,5 mm

Art. nr.	Rozměry vedlejšího nosníku [mm]				Rozměry a typické hodnoty [mm]						Otvory hlavy		Otvory trámu	
	Šířka		Výška [mm]		A	B	C	D	F	t	Ø5	Ø14	Ø5	
	Výška [mm]	Max.	Výška [mm]	Max.										
GLE960/140/2,5	138	140	420	615	160	410	90	38.5	95	2.5	64	8	38	
GLE1020/140/2,5	138	140	450	660		440	90	38.5	95	2.5	70	8	41	
GLE500/160/2,5	158	160	180	255		170	90	38.5	95	2.5	26	4	15	
GLE540/160/2,5	158	160	200	285		190	90	38.5	95	2.5	30	4	17	
GLE600/160/2,5	158	160	230	330		220	90	38.5	95	2.5	36	4	20	
GLE660/160/2,5	158	160	260	375		250	90	38.5	95	2.5	40	6	23	
GLE720/160/2,5	158	160	290	420		280	90	38.5	95	2.5	46	6	26	
GLE780/160/2,5	158	160	320	465		310	90	38.5	95	2.5	48	6	29	
GLE840/160/2,5	158	160	350	510		340	90	38.5	95	2.5	54	6	32	
GLE900/160/2,5	158	160	380	555		370	90	38.5	95	2.5	60	6	35	
GLE960/160/2,5	158	160	410	600		400	90	38.5	95	2.5	64	8	38	
GLE1020/160/2,5	158	160	440	645		430	90	38.5	95	2.5	70	8	41	
GLE500/180/2,5	178	180	170	240	180	160	90	38.5	95	2.5	18	4	13	
GLE540/180/2,5	178	180	190	270		180	90	38.5	95	2.5	18	4	13	
GLE600/180/2,5	178	180	220	315		210	90	38.5	95	2.5	24	4	16	
GLE660/180/2,5	178	180	250	360		240	90	38.5	95	2.5	28	6	19	
GLE720/180/2,5	178	180	280	405		270	90	38.5	95	2.5	34	6	22	
GLE780/180/2,5	178	180	310	450		300	90	38.5	95	2.5	40	6	25	
GLE840/180/2,5	178	180	340	495		330	90	38.5	95	2.5	46	6	28	
GLE900/180/2,5	178	180	370	540		360	90	38.5	95	2.5	52	6	31	
GLE960/180/2,5	178	180	400	585		390	90	38.5	95	2.5	58	6	34	
GLE1020/180/2,5	178	180	430	630		420	90	38.5	95	2.5	62	8	37	
GLE500/200/2,5	198	200	160	225		200	150	90	38.5	95	2.5	18	4	13
GLE540/200/2,5	198	200	180	255			170	90	38.5	95	2.5	18	4	13
GLE600/200/2,5	198	200	210	300	200		90	38.5	95	2.5	24	4	16	
GLE660/200/2,5	198	200	240	345	230		90	38.5	95	2.5	28	6	19	
GLE720/200/2,5	198	200	270	390	260		90	38.5	95	2.5	34	6	22	
GLE780/200/2,5	198	200	300	435	290		90	38.5	95	2.5	40	6	25	
GLE840/200/2,5	198	200	330	480	320		90	38.5	95	2.5	46	6	28	
GLE900/200/2,5	198	200	360	525	350		90	38.5	95	2.5	52	6	31	
GLE960/200/2,5	198	200	390	570	380		90	38.5	95	2.5	58	6	34	
GLE1020/200/2,5	198	200	420	615	410		90	38.5	95	2.5	62	8	37	
GLE540/220/2,5	218	220	170	240	220		160	90	38.5	95	2.5	18	4	13
GLE600/220/2,5	218	220	200	285			190	90	38.5	95	2.5	24	4	16
GLE660/220/2,5	218	220	230	330		220	90	38.5	95	2.5	28	6	19	
GLE720/220/2,5	218	220	260	375		250	90	38.5	95	2.5	34	6	22	
GLE780/220/2,5	218	220	290	420		280	90	38.5	95	2.5	40	6	25	
GLE840/220/2,5	218	220	320	465		310	90	38.5	95	2.5	46	6	28	
GLE900/220/2,5	218	220	350	510		340	90	38.5	95	2.5	52	6	31	
GLE960/220/2,5	218	220	380	555		370	90	38.5	95	2.5	58	6	34	
GLE1020/220/2,5	218	220	410	600		400	90	38.5	95	2.5	62	8	37	
GLE540/240/2,5	238	240	160	225		240	150	90	38.5	95	2.5	18	4	13
GLE600/240/2,5	238	240	190	270			180	90	38.5	95	2.5	24	4	16
GLE660/240/2,5	238	240	220	315			210	90	38.5	95	2.5	28	6	19
GLE720/240/2,5	238	240	250	360	240		90	38.5	95	2.5	34	6	22	
GLE780/240/2,5	238	240	280	405	270		90	38.5	95	2.5	40	6	25	
GLE840/240/2,5	238	240	310	450	300		90	38.5	95	2.5	46	6	28	
GLE900/240/2,5	238	240	340	495	330		90	38.5	95	2.5	52	6	31	

Technický list

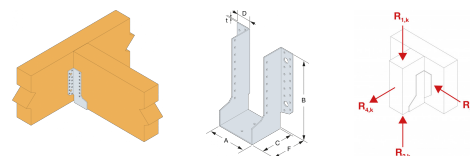
SIMPSON**Strong-Tie**

GLE 2.5

Big face fix hangers exterior flange- 2,5 mm

Art. nr.	Rozměry vedlejšího nosníku [mm]				Rozměry a typické hodnoty [mm]						Otvory hlavy		Otvory trámu
	Šířka		Výška [mm]		A	B	C	D	F	t	Ø5	Ø14	Ø5
	Výška [mm]	Max.	Výška [mm]	Max.									
GLE960/240/2,5	238	240	370	540	360	90	38.5	95	2.5	58	6	34	
GLE1020/240/2,5	238	240	400	585	390	90	38.5	95	2.5	62	8	37	

GLE 2.5 Big face fix hangers exterior flange- 2,5 mm



Product capacities – Timber to timber – Full nailing

Art. nr.	Charakteristické kapacity - Dřevo na dřevo - úplné upevnění hřebý					
	Upevňovací prvky		Charakteristické kapacity - dřevo C24 [kN]			
	Hlava	Trám	R _{1,k}	R _{2,k}	R _{3,k}	R _{4,k}
	Množství	Množství	CNA4,0x50	CNA4,0x50	CNA4,0x50	CNA4,0x50
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
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
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
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
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
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

A, B a C jsou vnitřní rozměry trámové botky.

GLE 2.5 Big face fix hangers exterior flange- 2,5 mm

Art. nr.	Charakteristické kapacity - Dřevo na dřevo - úplné upevnění hřebě					
	Upevňovací prvky		Charakteristické kapacity - dřevo C24 [kN]			
	Hlava	Trám	R _{1,k}	R _{2,k}	R _{3,k}	R _{4,k}
	Množství	Množství	CNA4,0x50	CNA4,0x50	CNA4,0x50	CNA4,0x50
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
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

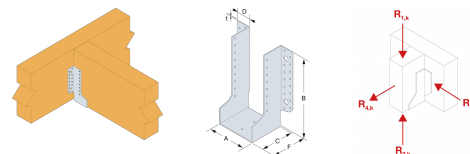
A, B a C jsou vnitřní rozměry trámové botky.

GLE 2.5
Big face fix hangers exterior flange- 2,5 mm

Art. nr.	Charakteristické kapacity - Dřevo na dřevo - úplné upevnění hřeby					
	Upevňovací prvky		Charakteristické kapacity - dřevo C24 [kN]			
	Hlava	Trám	R _{1,k}	R _{2,k}	R _{3,k}	R _{4,k}
	Množství	Množství	CNA4,0x50	CNA4,0x50	CNA4,0x50	CNA4,0x50
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

A, B a C jsou vnitřní rozměry trámové botky.

GLE 2.5 Big face fix hangers exterior flange- 2,5 mm



Product capacities – Timber to timber – Partial nailing

Art. nr.	Characteristic capacities - Timber to timber - Partial nailing					
	Upevňovací prvky		Charakteristické kapacity - dřevo C24 [kN]			
	Hlava	Trám	R _{1,k}	R _{2,k}	R _{3,k}	R _{4,k}
	Množství	Množství	CNA4,0x50	CNA4,0x50	CNA4,0x50	CNA4,0x50
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
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
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
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
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
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

A, B a C jsou vnitřní rozměry trámové botky.

GLE 2.5 Big face fix hangers exterior flange- 2,5 mm

Art. nr.	Characteristic capacities - Timber to timber - Partial nailing					
	Upevňovací prvky		Charakteristické kapacity - dřevo C24 [kN]			
	Hlava	Trám	R _{1,k}	R _{2,k}	R _{3,k}	R _{4,k}
	Množství	Množství	CNA4,0x50	CNA4,0x50	CNA4,0x50	CNA4,0x50
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
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

A, B a C jsou vnitřní rozměry trámové botky.

GLE 2.5
Big face fix hangers exterior flange- 2,5 mm

Art. nr.	Characteristic capacities - Timber to timber - Partial nailing					
	Upevňovací prvky		Charakteristické kapacity - dřevo C24 [kN]			
	Hlava	Trám	R _{1,k}	R _{2,k}	R _{3,k}	R _{4,k}
	Množství	Množství	CNA4,0x50	CNA4,0x50	CNA4,0x50	CNA4,0x50
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

A, B a C jsou vnitřní rozměry trámové botky.

GLE 2.5
Big face fix hangers exterior flange- 2,5 mm

Installation

Befestigung

On supported member:

- CNA annular ring-shank nails dia. 4.0 x 50 mm.
- CNA annular ring-shank nails dia. 4.0 x 35 mm for thickness less than 64 mm.
- CSA screws dia. 5.0 x 40 mm.
- CSA screws dia. 5.0 x 35 mm for thickness less than 60 mm.

On supporting member:

Wood substrate:

- CNA annular ring-shank nails dia. 4.0 x 50 mm.
- CNA annular ring-shank nails dia. 4.0 x 35 mm for thickness less than 64 mm.
- CSA screws dia. 5.0 x 40 mm.
- CSA screws dia. 5.0 x 35 mm for thickness less than 60 mm.
- SSH Ø 12.0 x 60 - 80 mm

Steel substrate:

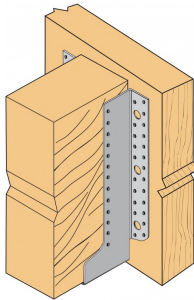
- Bolts dia. 12 mm (bolt diameter cannot be more than 2 mm smaller than the drill hole diameter).

Concrete substrate:

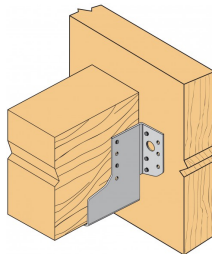
- *Mechanical anchor:* WA M12-104/5 pin.
- *Chemical anchor:* AT-HP resin + LMAS M12-150/35 threaded rod.

Hollow masonry substrate:

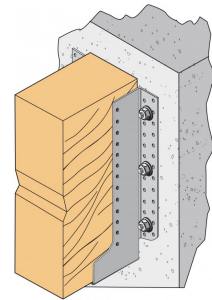
- *Chemical anchor:* AT-HP or POLY-GP resin + LMAS M12-150/35 + SH 20-130 screen.



Clouage total sur bois.



Clouage partiel sur bois.



Fixation sur support rigide.

GLE 2.5
Big face fix hangers exterior flange- 2,5 mm

