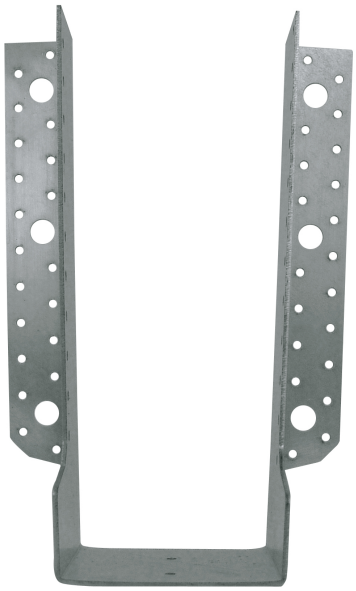
Technical Sheet

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

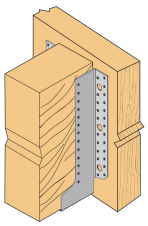
Applications

Support

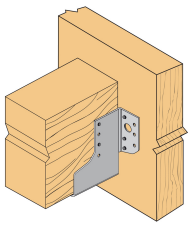
- **Supporting member:** solid wood, composite lumber, glued-laminated wood, steel, concrete.
- **Supported member:** solid wood, composite lumber, glued-laminated wood, triangular trusses, profiles, etc.

Anwendungsbereich

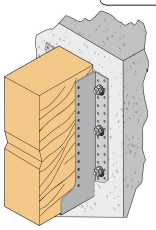
- Joists, purlins.
- Cladding plates and uprights.
- Rafter ends.
- Refurbishment of existing assemblies,etc.



Full nailing on timber



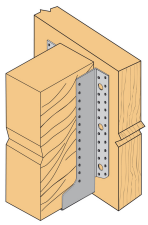
Partial nailing on timber



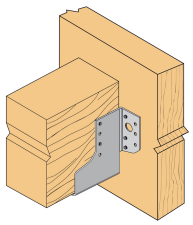
On rigid support



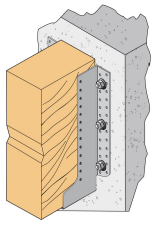
Large hanger with external flanges



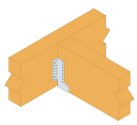
Full nailing on timber



Partial nailing on timber



On rigid support



Technical Sheet

GLE 2.5

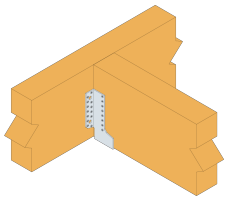
Big face fix hangers exterior flange- 2,5 mm

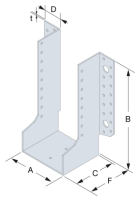
Technical Data

Technical Sheet

GLE 2.5

Big face fix hangers exterior flange- 2,5 mm





Rozměry a typické hodnoty

Reference	konektor rozměry													
	dřevo size[mm]				rozměry výrobku[mm]						Header otvory		nosník otvory	ostatní
	šířka		výška								kulatý		kulatý	
	Min[mm]	Max. [mm]	Min[mm]	Max. [mm]	A[mm]	B[mm]	C[mm]	d[mm]	F[mm]	tloušťka[mm]	Ø	Ø14	Ø	hmotnost[kg]
GLE440/38/2,5	36	38	211	301	38	201	90	38.5	95	2.5	20	4	12	0.74
GLE500/50/2,5	48	50	235	337	50	225	90	38.5	95	2.5	26	4	15	0.82
GLE380/64/2,5	62	64	168	237	64	158	90	38.5	95	2.5	20	2	11	0.65
GLE380/70/2,5	68	70	165	232	70	155	90	38.5	95	2.5	20	2	11	0.65
GLE440/70/2,5	68	70	195	277	70	185	90	38.5	95	2.5	20	4	12	0.74
GLE500/70/2,5	68	70	225	322	70	215	90	38.5	95	2.5	26	4	15	0.82
GLE380/76/2.5	74	76	162	228	76	152	90	38.5	95	2.5	20	2	11	0.7
GLE440/76/2,5	74	76	192	273	76	182	90	38.5	95	2.5	20	4	12	0.74
GLE500/76/2,5	74	76	222	318	76	212	90	38.5	95	2.5	26	4	15	0.82
GLE380/80/2,5	78	80	160	225	80	150	90	38.5	95	2.5	20	2	11	0.65
GLE440/80/2,5	78	80	190	270	80	180	90	38.5	95	2.5	20	4	12	0.74
GLE500/80/2,5	78	80	220	315	80	210	90	38.5	95	2.5	26	4	15	0.82
GLE540/80/2.5	78	80	240	345	80	230	90	38.5	95	2.5	30	4	17	0.99
GLE600/80/2.5	78	80	270	390	80	260	90	38.5	95	2.5	36	4	20	1.1
GLE660/80/2,5	78	80	300	435	80	290	90	38.5	95	2.5	40	6	23	1.1
GLE720/80/2,5	78	80	330	480	80	320	90	38.5	95	2.5	46	6	26	1.2
GLE780/80/2,5	78	80	360	525	80	350	90	38.5	95	2.5	48	6	29	1.4
GLE840/80/2,5	78	80	390	570	80	380	90	38.5	95	2.5	54	6	32	1.5
GLE900/80/2,5	78	80	420	615	80	410	90	38.5	95	2.5	60	6	35	1.6
GLE960/80/2,5	78	80	450	660	80	440	90	38.5	95	2.5	64	8	38	1.7
GLE1020/80/2,5	78	80	480	705	80	470	90	38.5	95	2.5	70	8	41	1.8
GLE380/90/2,5	88	90	155	217	90	145	90	38.5	95	2.5	20	2	11	0.65
GLE440/90/2,5	88	90	185	262	90	175	90	38.5	95	2.5	20	4	12	0.74
GLE500/90/2,5	88	90	215	307	90	205	90	38.5	95	2.5	26	4	15	0.82
GLE540/90/2.5	88	90	235	337	90	225	90	38.5	95	2.5	30	4	17	0.99
GLE600/90/2.5	88	90	265	382	90	255	90	38.5	95	2.5	36	4	20	1.1
GLE660/90/2.5	88	90	295	427	90	285	90	38.5	95	2.5	40	6	23	1.2
GLE720/90/2,5	88	90	325	472	90	315	90	38.5	95	2.5	46	6	26	1.2
GLE780/90/2,5	88	90	355	517	90	345	90	38.5	95	2.5	48	6	29	1.4
GLE840/90/2,5	88	90	385	562	90	375	90	38.5	95	2.5	54	6	32	1.5
GLE900/90/2,5	88	90	415	607	90	405	90	38.5	95	2.5	60	6	35	1.6
GLE960/90/2,5	88	90	445	652	90	435	90	38.5	95	2.5	64	8	38	1.7
GLE1020/90/2,5	88	90	475	697	90	465	90	38.5	95	2.5	70	8	41	1.8
GLE380/100/2,5	98	100	150	210	100	140	90	38.5	95	2.5	20	2	11	0.65
GLE440/100/2,5	98	100	180	255	100	170	90	38.5	95	2.5	20	4	12	0.74
GLE500/100/2,5	98	100	210	300	100	200	90	38.5	95	2.5	26	4	15	0.82
GLE660/100/2,5	98	100	290	420	100	280	90	38.5	95	2.5	40	6	23	1.1
GLE720/100/2,5	98	100	320	465	100	310	90	38.5	95	2.5	46	6	26	1.2
GLE780/100/2,5	98	100	350	510	100	340	90	38.5	95	2.5	48	6	29	1.4
GLE840/100/2,5	98	100	380	555	100	370	90	38.5	95	2.5	54	6	32	1.5

Technical Sheet

GLE 2.5

Big face fix hangers exterior flange- 2,5 mm

Reference	konektor rozměry													
	dřevo size[mm]				rozměry výrobku[mm]						Header otvory		nosník otvory	ostatní
	šířka		výška								kulatý		kulatý	
	Min[mm]	Max. [mm]	Min[mm]	Max. [mm]	A[mm]	B[mm]	C[mm]	d[mm]	F[mm]	tloušťka[mm]	Ø	Ø14	Ø	hmotnost[kg]
GLE900/100/2,5	98	100	410	600	100	400	90	38.5	95	2.5	60	6	35	1.6
GLE960/100/2,5	98	100	440	645	100	430	90	38.5	95	2.5	64	8	38	1.7
GLE1020/100/2,5	98	100	470	690	100	460	90	38.5	95	2.5	70	8	41	1.8
GLE500/120/2,5	118	120	200	285	120	190	90	38.5	95	2.5	26	4	15	0.82
GLE540/120/2,5	118	120	220	315	120	210	90	38.5	95	2.5	30	4	17	0.92
GLE600/120/2.5	118	120	250	360	120	240	90	38.5	95	2.5	36	4	20	1.1
GLE660/120/2,5	118	120	280	405	120	270	90	38.5	95	2.5	40	6	23	1.1
GLE780/120/2,5	118	120	340	495	120	330	90	38.5	95	2.5	48	6	29	1.4
GLE840/120/2,5	118	120	370	540	120	360	90	38.5	95	2.5	54	6	32	1.5
GLE900/120/2,5	118	120	400	585	120	390	90	38.5	95	2.5	60	6	35	1.6
GLE960/120/2,5	118	120	430	630	120	420	90	38.5	95	2.5	64	8	38	1.7
GLE1020/120/2,5	118	120	460	675	120	450	90	38.5	95	2.5	70	8	41	1.8
GLE500/140/2,5	138	140	190	270	140	180	90	38.5	95	2.5	26	4	15	0.82
GLE540/140/2,5	138	140	210	300	140	200	90	38.5	95	2.5	30	4	17	0.92
GLE600/140/2,5	138	140	240	345	140	230	90	38.5	95	2.5	36	4	20	0.98
GLE660/140/2,5	138	140	270	390	140	260	90	38.5	95	2.5	40	6	23	1.1
GLE720/140/2,5	138	140	300	435	140	290	90	38.5	95	2.5	46	6	26	1.2
GLE780/140/2,5	138	140	330	480	140	320	90	38.5	95	2.5	48	6	29	1.4
GLE840/140/2,5	138	140	360	525	140	350	90	38.5	95	2.5	54	6	32	1.5
GLE900/140/2,5	138	140	390	570	140	380	90	38.5	95	2.5	60	6	35	1.6
GLE960/140/2,5	138	140	420	615	140	410	90	38.5	95	2.5	64	8	38	1.7
GLE1020/140/2,5	138	140	450	660	140	440	90	38.5	95	2.5	70	8	41	1.8
GLE500/160/2,5	158	160	180	255	160	170	90	38.5	95	2.5	26	4	15	0.82
GLE540/160/2,5	158	160	200	285	160	190	90	38.5	95	2.5	30	4	17	0.92
GLE600/160/2,5	158	160	230	330	160	220	90	38.5	95	2.5	36	4	20	0.98
GLE660/160/2,5	158	160	260	375	160	250	90	38.5	95	2.5	40	6	23	1.4
GLE720/160/2,5	158	160	290	420	160	280	90	38.5	95	2.5	46	6	26	1.2
GLE780/160/2,5	158	160	320	465	160	310	90	38.5	95	2.5	48	6	29	1.4
GLE840/160/2,5	158	160	350	510	160	340	90	38.5	95	2.5	54	6	32	1.5
GLE900/160/2,5	158	160	380	555	160	370	90	38.5	95	2.5	60	6	35	1.6
GLE960/160/2,5	158	160	410	600	160	400	90	38.5	95	2.5	64	8	38	1.7
GLE1020/160/2,5	158	160	440	645	160	430	90	38.5	95	2.5	70	8	41	1.8
GLE500/180/2,5	178	180	170	240	180	160	90	38.5	95	2.5	18	4	13	0.82
GLE540/180/2,5	178	180	190	270	180	180	90	38.5	95	2.5	18	4	13	0.92
GLE600/180/2,5	178	180	220	315	180	210	90	38.5	95	2.5	24	4	16	0.98
GLE660/180/2,5	178	180	250	360	180	240	90	38.5	95	2.5	28	6	19	1.1
GLE720/180/2,5	178	180	280	405	180	270	90	38.5	95	2.5	34	6	22	1.2
GLE780/180/2,5	178	180	310	450	180	300	90	38.5	95	2.5	40	6	25	1.4
GLE840/180/2,5	178	180	340	495	180	330	90	38.5	95	2.5	46	6	28	1.5
GLE900/180/2,5	178	180	370	540	180	360	90	38.5	95	2.5	52	6	31	1.6
GLE960/180/2,5	178	180	400	585	180	390	90	38.5	95	2.5	58	6	34	1.7
GLE1020/180/2,5	178	180	430	630	180	420	90	38.5	95	2.5	62	8	37	1.8
GLE500/200/2,5	198	200	160	225	200	150	90	38.5	95	2.5	18	4	13	0.82
GLE540/200/2,5	198	200	180	255	200	170	90	38.5	95	2.5	18	4	13	0.92
GLE600/200/2,5	198	200	210	300	200	200	90	38.5	95	2.5	24	4	16	0.98
GLE660/200/2,5	198	200	240	345	200	230	90	38.5	95	2.5	28	6	19	1.1

Technical Sheet

GLE 2.5

Big face fix hangers exterior flange- 2,5 mm

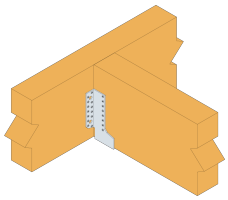
Reference	konektor rozměry													
	dřevo size[mm]				rozměry výrobku[mm]						Header otvory		nosník otvory	ostatní
	šířka		výška								kulatý		kulatý	
	Min[mm]	Max. [mm]	Min[mm]	Max. [mm]	A[mm]	B[mm]	C[mm]	d[mm]	F[mm]	tloušťka[mm]	Ø	Ø14	Ø	hmotnost[kg]
GLE720/200/2,5	198	200	270	390	200	260	90	38.5	95	2.5	34	6	22	1.2
GLE780/200/2,5	198	200	300	435	200	290	90	38.5	95	2.5	40	6	25	1.4
GLE840/200/2,5	198	200	330	480	200	320	90	38.5	95	2.5	46	6	28	1.5
GLE900/200/2,5	198	200	360	525	200	350	90	38.5	95	2.5	52	6	31	1.6
GLE960/200/2,5	198	200	390	570	200	380	90	38.5	95	2.5	58	6	34	1.7
GLE1020/200/2,5	198	200	420	615	200	410	90	38.5	95	2.5	62	8	37	1.8
GLE540/220/2,5	218	220	170	240	220	160	90	38.5	95	2.5	18	4	13	0.92
GLE600/220/2,5	218	220	200	285	220	190	90	38.5	95	2.5	24	4	16	0.98
GLE660/220/2,5	218	220	230	330	220	220	90	38.5	95	2.5	28	6	19	1.1
GLE720/220/2,5	218	220	260	375	220	250	90	38.5	95	2.5	34	6	22	1.2
GLE780/220/2,5	218	220	290	420	220	280	90	38.5	95	2.5	40	6	25	1.4
GLE840/220/2,5	218	220	320	465	220	310	90	38.5	95	2.5	46	6	28	1.5
GLE900/220/2,5	218	220	350	510	220	340	90	38.5	95	2.5	52	6	31	1.6
GLE960/220/2,5	218	220	380	555	220	370	90	38.5	95	2.5	58	6	34	1.7
GLE1020/220/2,5	218	220	410	600	220	400	90	38.5	95	2.5	62	8	37	1.8
GLE540/240/2,5	238	240	160	225	240	150	90	38.5	95	2.5	18	4	13	0.92
GLE600/240/2,5	238	240	190	270	240	180	90	38.5	95	2.5	24	4	16	0.98
GLE660/240/2,5	238	240	220	315	240	210	90	38.5	95	2.5	28	6	19	1.1
GLE720/240/2,5	238	240	250	360	240	240	90	38.5	95	2.5	34	6	22	1.2
GLE780/240/2,5	238	240	280	405	240	270	90	38.5	95	2.5	40	6	25	1.4
GLE840/240/2,5	238	240	310	450	240	300	90	38.5	95	2.5	46	6	28	1.5
GLE900/240/2,5	238	240	340	495	240	330	90	38.5	95	2.5	52	6	31	1.6
GLE960/240/2,5	238	240	370	540	240	360	90	38.5	95	2.5	58	6	34	1.7
GLE1020/240/2,5	238	240	400	585	240	390	90	38.5	95	2.5	62	8	37	1.8

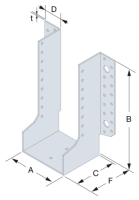
Technical Sheet

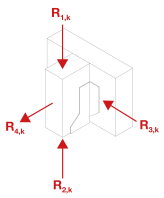
GLE 2.5

Big face fix hangers exterior flange- 2,5 mm

Product capacities – Timber to timber – Full nailing







Reference	Hanger únosnost					
	Characteristic capacities - dřevo to dřevo - Full nailing					
	počet of Fasteners		výrobek characteristic capacities - dřevo C24[kN]			
	Header	nosník	$R_{1,k}$	$R_{2,k}$	$R_{3,k}$	R4,k
	množství	množství	CNA4.0x50	CNA4.0x50	CNA4.0x50	CNA4.0x50
GLE440/38/2,5	20.0	12.0	-	-	-	-
GLE500/50/2,5	26.0	15.0	-	-	-	-
GLE380/64/2,5	20.0	11.0	24.1	19.8	6.1	9.8
GLE380/70/2,5	20.0	11.0	24.1	19.8	6.5	9.8
GLE440/70/2,5	20.0	12.0	26.3	19.9	6.6	7.8
GLE500/70/2,5	26.0	15.0	32.9	29.1	7.3	11.8
GLE380/76/2.5	20.0	11.0	24.1	19.8	6.9	9.8
GLE440/76/2,5	20.0	12.0	26.3	19.9	7	7.8
GLE500/76/2,5	26.0	15.0	32.9	29.1	7.8	11.8
GLE380/80/2,5	20.0	11.0	24.1	19.8	7.1	9.8
GLE440/80/2,5	20.0	12.0	26.3	19.9	7.3	7.8
GLE500/80/2,5	26.0	15.0	32.9	29.1	8.1	11.8
GLE540/80/2.5	30.0	17.0	37.2	33.5	8.5	13.7
GLE600/80/2.5	36.0	20.0	43.8	39.4	8.9	15.7
GLE660/80/2,5	40.0	23.0	50.4	45.3	9.2	17.6
GLE720/80/2,5	46.0	26.0	56.9	51.2	9.5	19.6
GLE780/80/2,5	48.0	29.0	63.5	57.2	10	21.6
GLE840/80/2,5	54.0	32.0	70.1	63.1	10.1	23.5
GLE900/80/2,5	60.0	35.0	76.7	69	10.2	27.4
GLE960/80/2,5	64.0	38.0	83.2	74.9	10.3	27.4
GLE1020/80/2,5	70.0	41.0	89.8	80.8	10.3	31.4
GLE380/90/2,5	20.0	11.0	24.1	19.8	7.6	9.8
GLE440/90/2,5	20.0	12.0	26.3	19.9	7.9	7.8
GLE500/90/2,5	26.0	15.0	32.9	29.1	8.8	11.8
GLE540/90/2.5	30.0	17.0	37.2	33.5	9.3	13.7
GLE600/90/2.5	36.0	20.0	43.8	39.4	9.8	15.7
GLE660/90/2.5	40.0	23.0	50.4	45.3	10.2	17.6
GLE720/90/2,5	46.0	26.0	56.9	51.2	10.5	19.6
GLE780/90/2,5	48.0	29.0	63.5	57.2	11.1	21.6
GLE840/90/2,5	54.0	32.0	70.1	63.1	11.3	23.5
GLE900/90/2,5	60.0	35.0	76.7	69	11.4	27.4
GLE960/90/2,5	64.0	38.0	83.2	74.9	11.5	27.4
GLE1020/90/2,5	70.0	41.0	89.8	80.8	11.6	31.4
GLE380/100/2,5	20.0	11.0	23	19.8	8.1	9.8
GLE440/100/2,5	20.0	12.0	26.3	19.9	8.4	7.8
GLE500/100/2,5	26.0	15.0	32.9	29.1	9.5	11.8
GLE660/100/2,5	40.0	23.0	50.4	45.3	11.1	17.6
GLE720/100/2,5	46.0	26.0	56.9	51.2	11.5	19.6

A, B a C jsou vnitřní rozměry trámové botky.

Technical Sheet

GLE 2.5

Big face fix hangers exterior flange- 2,5 mm

Reference	Hanger únosnost					
	Characteristic capacities - dřevo to dřevo - Full nailing					
	počet of Fasteners		výrobek characteristic capacities - dřevo C24[kN]			
	Header	nosník	$R_{1,k}$	$R_{2,k}$	$R_{3,k}$	R4,k
	množství	množství	CNA4.0x50	CNA4.0x50	CNA4.0x50	CNA4.0x50
GLE780/100/2,5	48.0	29.0	63.5	57.2	12.2	21.6
GLE840/100/2,5	54.0	32.0	70.1	63.1	12.4	23.5
GLE900/100/2,5	60.0	35.0	76.7	69	12.6	27.4
GLE960/100/2,5	64.0	38.0	83.2	74.9	12.7	27.4
GLE1020/100/2,5	70.0	41.0	89.8	80.8	12.8	31.4
GLE500/120/2,5	26.0	15.0	32.9	29.1	10.6	11.8
GLE540/120/2,5	30.0	17.0	37.2	33.5	11.3	13.7
GLE600/120/2.5	36.0	20.0	43.8	39.4	12.2	15.7
GLE660/120/2,5	40.0	23.0	50.4	45.3	12.8	17.6
GLE780/120/2,5	48.0	29.0	63.5	57.2	14.3	21.6
GLE840/120/2,5	54.0	32.0	70.1	63.1	14.6	23.5
GLE900/120/2,5	60.0	35.0	76.7	69	14.8	27.4
GLE960/120/2,5	64.0	38.0	83.2	74.9	15	27.4
GLE1020/120/2,5	70.0	41.0	89.8	80.8	15.1	31.4
GLE500/140/2,5	26.0	15.0	32.9	29.1	11.4	11.8
GLE540/140/2,5	30.0	17.0	37.2	33.5	12.3	13.7
GLE600/140/2,5	36.0	20.0	43.8	39.4	13.5	15.7
GLE660/140/2,5	40.0	23.0	50.4	45.3	14.3	17.6
GLE720/140/2,5	46.0	26.0	56.9	51.2	15.1	19.6
GLE780/140/2,5	48.0	29.0	63.5	57.2	16.1	21.6
GLE840/140/2,5	54.0	32.0	70.1	63.1	16.5	23.5
GLE900/140/2,5	60.0	35.0	76.7	69	16.8	27.4
GLE960/140/2,5	64.0	38.0	83.2	74.9	17.1	27.4
GLE1020/140/2,5	70.0	41.0	89.8	80.8	17.4	31.4
GLE500/160/2,5	26.0	15.0	32.9	29.1	12.1	11.8
GLE540/160/2,5	30.0	17.0	37.2	33.5	13.2	13.7
GLE600/160/2,5	36.0	20.0	43.8	39.4	14.5	15.7
GLE660/160/2,5	40.0	23.0	50.4	45.3	15.6	17.6
GLE720/160/2,5	46.0	26.0	56.9	51.2	16.5	19.6
GLE780/160/2,5	48.0	29.0	63.5	57.2	17.7	21.6
GLE840/160/2,5	54.0	32.0	70.1	63.1	18.3	23.5
GLE900/160/2,5	60.0	35.0	76.7	69	18.7	27.4
GLE960/160/2,5	64.0	38.0	83.2	74.9	19.1	27.4
GLE1020/160/2,5	70.0	41.0	89.8	80.8	19.5	31.4
GLE500/180/2,5	18.0	13.0	26	16.9	11.4	7.8
GLE540/180/2,5	18.0	13.0	28.5	16.9	11.3	7.8
GLE600/180/2,5	24.0	16.0	35	25.9	13.2	9.8
GLE660/180/2,5	28.0	19.0	41.6	34.3	14.8	11.8
GLE720/180/2,5	34.0	22.0	48.2	43.4	16.2	13.7
GLE780/180/2,5	40.0	25.0	54.8	49.3	17.3	17.6
GLE840/180/2,5	46.0	28.0	61.3	55.2	18.3	19.6
GLE900/180/2,5	52.0	31.0	67.9	61.1	19	23.5
GLE960/180/2,5	58.0	34.0	74.5	67	19.7	25.5
GLE1020/180/2,5	62.0	37.0	81	72.9	20.2	27.4

A, B a C jsou vnitřní rozměry trámové botky.

Technical Sheet

GLE 2.5

Big face fix hangers exterior flange- 2,5 mm

Reference	Hanger únosnost					
	Characteristic capacities - dřevo to dřevo - Full nailing					
	počet of Fasteners		výrobek characteristic capacities - dřevo C24[kN]			
	Header	nosník	$R_{1,k}$	$R_{2,k}$	$R_{3,k}$	R4,k
	množství	množství	CNA4.0x50	CNA4.0x50	CNA4.0x50	CNA4.0x50
GLE500/200/2,5	18.0	13.0	24.1	16.9	11.7	7.8
GLE540/200/2,5	18.0	13.0	27.7	16.9	11.6	7.8
GLE600/200/2,5	24.0	16.0	35	25.9	13.7	9.8
GLE660/200/2,5	28.0	19.0	41.6	34.3	15.5	11.8
GLE720/200/2,5	34.0	22.0	48.2	43.4	17.1	13.7
GLE780/200/2,5	40.0	25.0	54.8	49.3	18.3	17.6
GLE840/200/2,5	46.0	28.0	61.3	55.2	19.4	19.6
GLE900/200/2,5	52.0	31.0	67.9	61.1	20.3	23.5
GLE960/200/2,5	58.0	34.0	74.5	67	21.2	25.5
GLE1020/200/2,5	62.0	37.0	81	72.9	21.8	27.4
GLE540/220/2,5	18.0	13.0	26	16.9	11.8	7.8
GLE600/220/2,5	24.0	16.0	35	25.9	14	9.8
GLE660/220/2,5	28.0	19.0	41.6	34.3	16	11.8
GLE720/220/2,5	34.0	22.0	48.2	43.4	17.7	13.7
GLE780/220/2,5	40.0	25.0	54.8	49.3	19.2	17.6
GLE840/220/2,5	46.0	28.0	61.3	55.2	20.5	19.6
GLE900/220/2,5	52.0	31.0	67.9	61.1	21.5	23.5
GLE960/220/2,5	58.0	34.0	74.5	67	22.5	25.5
GLE1020/220/2,5	62.0	37.0	81	72.9	23.3	27.4
GLE540/240/2,5	18.0	13.0	24.1	16.9	12	7.8
GLE600/240/2,5	24.0	16.0	34.7	25.9	14.3	9.8
GLE660/240/2,5	28.0	19.0	41.6	34.3	16.4	11.8
GLE720/240/2,5	34.0	22.0	48.2	43.4	18.3	13.7
GLE780/240/2,5	40.0	25.0	54.8	49.3	19.9	17.6
GLE840/240/2,5	46.0	28.0	61.3	55.2	21.4	19.6
GLE900/240/2,5	52.0	31.0	67.9	61.1	22.6	23.5
GLE960/240/2,5	58.0	34.0	74.5	67	23.7	25.5
GLE1020/240/2,5	62.0	37.0	81	72.9	24.6	27.4

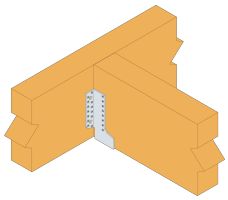
A, B a C jsou vnitřní rozměry trámové botky.

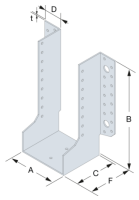
Technical Sheet

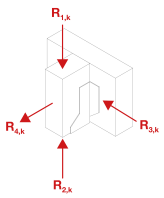
GLE 2.5

Big face fix hangers exterior flange- 2,5 mm

Product capacities – Timber to timber – Partial nailing







Reference	Hanger únosnost					
	Characteristic capacities - dřevo to dřevo - Partial nailing -					
	počet of Fasteners		výrobek characteristic capacities - dřevo C24[kN]			
	Header	nosník	$R_{1,k}$	$R_{2,k}$	$R_{3,k}$	R4,k
	množství	množství	CNA4.0x50	CNA4.0x50	CNA4.0x50	CNA4.0x50
GLE440/38/2,5	8.0	6.0	-	-	-	-
GLE500/50/2,5	12.0	8.0	-	-	-	-
GLE380/64/2,5	10.0	6.0	13.1	10.7	3.3	9.8
GLE380/70/2,5	10.0	6.0	13.1	10.7	3.5	9.8
GLE440/70/2,5	8.0	6.0	13.1	6.2	3.7	7.8
GLE500/70/2,5	12.0	8.0	17.5	13.6	3.9	11.8
GLE380/76/2.5	10.0	6.0	13.1	10.7	3.7	9.8
GLE440/76/2,5	8.0	6.0	13.1	6.2	3.9	7.8
GLE500/76/2,5	12.0	8.0	17.5	13.6	4.1	11.8
GLE380/80/2,5	10.0	6.0	13.1	10.7	3.8	9.8
GLE440/80/2,5	8.0	6.0	13.1	6.2	4	7.8
GLE500/80/2,5	12.0	8.0	17.5	13.6	4.3	11.8
GLE540/80/2.5	14.0	9.0	19.7	16.9	4.5	13.7
GLE600/80/2.5	16.0	10.0	21.9	19.7	4.5	15.7
GLE660/80/2,5	18.0	12.0	26.3	23.7	4.8	17.6
GLE720/80/2,5	20.0	14.0	30.7	27.6	5.2	19.6
GLE780/80/2,5	22.0	15.0	32.9	29.6	5.2	21.6
GLE840/80/2,5	24.0	16.0	35	31.5	5.2	23.5
GLE900/80/2,5	28.0	18.0	39.4	35.5	5.3	27.4
GLE960/80/2,5	28.0	20.0	43.8	39.4	5.5	27.4
GLE1020/80/2,5	32.0	21.0	46	41.4	5.3	31.4
GLE380/90/2,5	10.0	6.0	12.5	10.7	4.1	9.8
GLE440/90/2,5	8.0	6.0	13.1	6.2	4.3	7.8
GLE500/90/2,5	12.0	8.0	17.5	13.6	4.7	11.8
GLE540/90/2.5	14.0	9.0	19.7	16.9	4.9	13.7
GLE600/90/2.5	16.0	10.0	21.9	19.7	5	15.7
GLE660/90/2.5	18.0	12.0	26.3	23.7	5.3	17.6
GLE720/90/2,5	20.0	14.0	30.7	27.6	5.8	19.6
GLE780/90/2,5	22.0	15.0	32.9	29.6	5.8	21.6
GLE840/90/2,5	24.0	16.0	35	31.5	5.8	23.5
GLE900/90/2,5	28.0	18.0	39.4	35.5	5.9	27.4
GLE960/90/2,5	28.0	20.0	43.8	39.4	6.1	27.4
GLE1020/90/2,5	32.0	21.0	46	41.4	5.9	31.4
GLE380/100/2,5	10.0	6.0	11.9	10.7	4.4	9.8
GLE440/100/2,5	8.0	6.0	13.1	6.2	4.5	7.8
GLE500/100/2,5	12.0	8.0	17.5	13.6	5.1	11.8
GLE660/100/2,5	18.0	12.0	26.3	23.7	5.8	17.6
GLE720/100/2,5	20.0	14.0	30.7	27.6	6.3	19.6

A, B a C jsou vnitřní rozměry trámové botky.

Technical Sheet

GLE 2.5

Big face fix hangers exterior flange- 2,5 mm

Reference	Hanger únosnost					
	Characteristic capacities - dřevo to dřevo - Partial nailing -					
	počet of Fasteners		výrobek characteristic capacities - dřevo C24[kN]			
	Header	nosník	$R_{1,k}$	$R_{2,k}$	$R_{3,k}$	R4,k
	množství	množství	CNA4.0x50	CNA4.0x50	CNA4.0x50	CNA4.0x50
GLE780/100/2,5	22.0	15.0	32.9	29.6	6.4	21.6
GLE840/100/2,5	24.0	16.0	35	31.5	6.3	23.5
GLE900/100/2,5	28.0	18.0	39.4	35.5	6.5	27.4
GLE960/100/2,5	28.0	20.0	43.8	39.4	6.8	27.4
GLE1020/100/2,5	32.0	21.0	46	41.4	6.6	31.4
GLE500/120/2,5	12.0	8.0	17.5	13.6	5.6	11.8
GLE540/120/2,5	14.0	9.0	19.7	16.9	6	13.7
GLE600/120/2.5	16.0	10.0	21.9	19.7	6.2	15.7
GLE660/120/2,5	18.0	12.0	26.3	23.7	6.7	17.6
GLE780/120/2,5	22.0	15.0	32.9	29.6	7.4	21.6
GLE840/120/2,5	24.0	16.0	35	31.5	7.4	23.5
GLE900/120/2,5	28.0	18.0	39.4	35.5	7.6	27.4
GLE960/120/2,5	28.0	20.0	43.8	39.4	8	27.4
GLE1020/120/2,5	32.0	21.0	46	41.4	7.8	31.4
GLE500/140/2,5	12.0	8.0	17.3	13.6	6.1	11.8
GLE540/140/2,5	14.0	9.0	19.7	16.9	6.5	13.7
GLE600/140/2,5	16.0	10.0	21.9	19.7	6.8	15.7
GLE660/140/2,5	18.0	12.0	26.3	23.7	7.5	17.6
GLE720/140/2,5	20.0	14.0	30.7	27.6	8.2	19.6
GLE780/140/2,5	22.0	15.0	32.9	29.6	8.4	21.6
GLE840/140/2,5	24.0	16.0	35	31.5	8.4	23.5
GLE900/140/2,5	28.0	18.0	39.4	35.5	8.7	27.4
GLE960/140/2,5	28.0	20.0	43.8	39.4	9.1	27.4
GLE1020/140/2,5	32.0	21.0	46	41.4	8.9	31.4
GLE500/160/2,5	12.0	8.0	16.1	13.6	6.5	11.8
GLE540/160/2,5	14.0	9.0	19.7	16.9	7	13.7
GLE600/160/2,5	16.0	10.0	21.9	19.7	7.3	15.7
GLE660/160/2,5	18.0	12.0	26.3	23.7	8.1	17.6
GLE720/160/2,5	20.0	14.0	30.7	27.6	9	19.6
GLE780/160/2,5	22.0	15.0	32.9	29.6	9.2	21.6
GLE840/160/2,5	24.0	16.0	35	31.5	9.3	23.5
GLE900/160/2,5	28.0	18.0	39.4	35.5	9.7	27.4
GLE960/160/2,5	28.0	20.0	43.8	39.4	10.2	27.4
GLE1020/160/2,5	32.0	21.0	46	41.4	10	31.4
GLE500/180/2,5	8.0	7.0	12.4	7.7	6.2	7.8
GLE540/180/2,5	8.0	7.0	13.6	7.7	6.1	7.8
GLE600/180/2,5	10.0	8.0	17.5	10.7	6.7	9.8
GLE660/180/2,5	12.0	10.0	21.3	15.1	7.8	11.8
GLE720/180/2,5	14.0	12.0	25.8	18.4	9	13.7
GLE780/180/2,5	18.0	13.0	28.5	25.6	9	17.6
GLE840/180/2,5	20.0	14.0	30.7	27.6	9.2	19.6
GLE900/180/2,5	24.0	16.0	35	31.5	9.8	23.5
GLE960/180/2,5	26.0	18.0	39.4	35.5	10.6	25.5
GLE1020/180/2,5	28.0	19.0	41.6	37.4	10.4	27.4

A, B a C jsou vnitřní rozměry trámové botky.

Technical Sheet

GLE 2.5

Big face fix hangers exterior flange- 2,5 mm

Reference	Hanger únosnost					
	Characteristic capacities - dřevo to dřevo - Partial nailing -					
	počet of Fasteners		výrobek characteristic capacities - dřevo C24[kN]			
	Header	nosník	$R_{1,k}$	$R_{2,k}$	$R_{3,k}$	R4,k
	množství	množství	CNA4.0x50	CNA4.0x50	CNA4.0x50	CNA4.0x50
GLE500/200/2,5	8.0	7.0	11.6	7.7	6.3	7.8
GLE540/200/2,5	8.0	7.0	13.1	7.7	6.3	7.8
GLE600/200/2,5	10.0	8.0	17.2	10.7	6.9	9.8
GLE660/200/2,5	12.0	10.0	20.7	15.1	8.2	11.8
GLE720/200/2,5	14.0	12.0	25.2	18.4	9.4	13.7
GLE780/200/2,5	18.0	13.0	28.5	25.6	9.6	17.6
GLE840/200/2,5	20.0	14.0	30.7	27.6	9.8	19.6
GLE900/200/2,5	24.0	16.0	35	31.5	10.5	23.5
GLE960/200/2,5	26.0	18.0	39.4	35.5	11.3	25.5
GLE1020/200/2,5	28.0	19.0	41.6	37.4	11.2	27.4
GLE540/220/2,5	8.0	7.0	12.4	7.7	6.4	7.8
GLE600/220/2,5	10.0	8.0	16.5	10.7	7.1	9.8
GLE660/220/2,5	12.0	10.0	20	15.1	8.4	11.8
GLE720/220/2,5	14.0	12.0	24.6	18.4	9.8	13.7
GLE780/220/2,5	18.0	13.0	28.5	25.6	10	17.6
GLE840/220/2,5	20.0	14.0	30.7	27.6	10.3	19.6
GLE900/220/2,5	24.0	16.0	35	31.5	11.1	23.5
GLE960/220/2,5	26.0	18.0	39.4	35.5	12.1	25.5
GLE1020/220/2,5	28.0	19.0	41.6	37.4	12	27.4
GLE540/240/2,5	8.0	7.0	11.6	7.7	6.5	7.8
GLE600/240/2,5	10.0	8.0	15.8	10.7	7.2	9.8
GLE660/240/2,5	12.0	10.0	19.2	15.1	8.7	11.8
GLE720/240/2,5	14.0	12.0	23.9	18.4	10.1	13.7
GLE780/240/2,5	18.0	13.0	28.5	25.6	10.4	17.6
GLE840/240/2,5	20.0	14.0	30.7	27.6	10.8	19.6
GLE900/240/2,5	24.0	16.0	35	31.5	11.7	23.5
GLE960/240/2,5	26.0	18.0	39.4	35.5	12.7	25.5
GLE1020/240/2,5	28.0	19.0	41.6	37.4	12.6	27.4

A, B a C jsou vnitřní rozměry trámové botky.

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: FM-753 CRACK 3DG M12x110*
- *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.

Instalace

Sur Bois :

1. Tracer l'emplacement de la poutre portée sur le porteur,
2. Présenter le sabot et préfixer les ailes de chaque côté,
3. Ajuster le sabot par rapport aux tracés : le sabot doit être légèrement plus ouvert en haut que en bas pour faciliter l'installation de la poutre portée,
4. Finaliser la fixation sur chaque aile,
5. Présenter la poutre portée dans le sabot et la fixer en clouage partiel ou total.

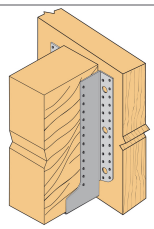
Sur Béton :

1. Méthode 1 : Tracer l'emplacement des perçages en appliquant le sabot sur la poutre,
2. Méthode 2 : Tracer l'emplacement de la poutre sur le support, présenter le sabot et repérer les centres des perçages,
3. Percer le support avec un forêt adapté,
4. Présenter le sabot et fixer le sur le support avec des goujons d'ancrages,
5. Présenter la poutre portée dans le sabot avant de la fixer.

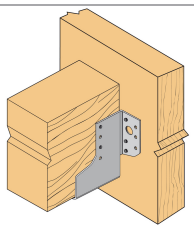
Technical Sheet

GLE 2.5

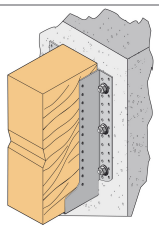
Big face fix hangers exterior flange- 2,5 mm



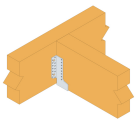
Full nailing on timber



Partial nailing on timber



On rigid support



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