

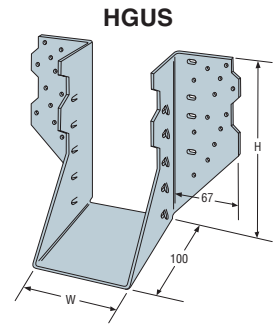
HGUS Face Fix Heavy Girder Truss Hanger

THE HGUS IS A ONE PIECE, NON-WELDED, JOIST HANGER FOR SUPPORTING SOLID COMPOSITE BEAMS FROM TIMBER MEMBERS.

Double shear nailing allows distribution of the carried member's load through two points on each nail for greater strength.

MATERIAL: 2.5mm pre-galvanised mild steel.

INSTALLATION: Use all specified fasteners. See "General Notes" (page 12). Verify that the header can take the required fasteners specified in the table. 100mm nails must be driven at 45° into joist dome or pan nails holes, through carrying member and into the carried member to achieve the table loads.



Joist Size (mm)	Model No.	Dimension (mm)			Qty Fasteners (4.0mm x 100mm)		Safe Working Loads (kN)		
		W	H	B	Support	Carried Member	Short Term Uplift	Long Term	Medium Term
89 x 241	HGUS48N	92	180	100	36	10	7.51	27.78	34.74
89 x 241 x 457	HGUS410N	92	214		46	16	9.68	35.09	35.09
89 x 302 x 457	HGUS412N	92	265		56	20	11.30	40.94	40.94
89 x 356 x 457	HGUS414N	92	316		66	22	12.91	43.53	43.35
133 x 200 x 302	HGUS180/135N	135	180		36	10	7.51	27.78	34.74
133 x 241 x 457	HGUS5.50/10N	140	214		46	16	9.68	35.09	35.09
133 x 302 x 457	HGUS5.50/12N	140	265		56	20	11.30	40.94	40.94
133 x 356 x 457	HGUS5.50/14N	140	316		66	22	12.91	43.35	43.35
180 x 241 x 457	HGUS7.25/10N	184	219		46	16	9.68	35.09	35.09
180 x 302 x 457	HGUS7.25/12N	184	270		56	20	11.30	40.94	40.94
180 x 356 x 457	HGUS7.25/14N	184	320		66	22	12.91	43.35	43.35

1. Hangers supplied with correct 4.0 x 100mm nails.

SUR/SUL/HSUR/HSUL Skewed 45° Hangers

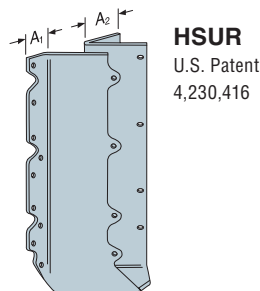
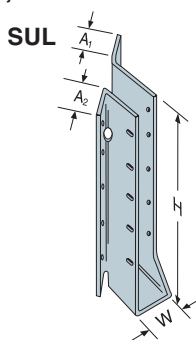


THE SUR, SUL, HSUR AND HSUL ARE A ONE PIECE, NON-WELDED, JOIST HANGER FOR SUPPORTING SKEWED TIMBER JOISTS FROM TIMBER MEMBERS.

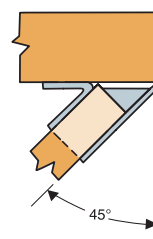
The SUR, SUL, HSUR and HSUL provide tested and standardised 45° skewed hangers.

MATERIAL: SUR and SUL: 1.5mm; HSUR and HSUL: 2.0mm pre-galvanised mild steel.

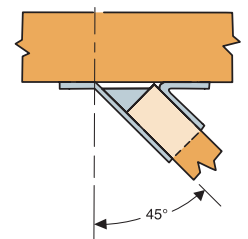
INSTALLATION: Use all specified fasteners. See "General Notes" (page 12). Verify that the header can take the required fasteners specified in the table. Illustration shows left and right skews. For SUR and SUL, square butt cut the joist end. For HSUR and HSUL, bevel cut the joist end.



Typical SUL Installation



Typical SUR Installation



Joist Size (mm)	Skewed Right Model No.	Skewed Left Model No.	Dimension (mm)					Qty Fasteners		Safe Working Loads (kN)			Characteristic Capacity (kN)	
			W	H	B	A ₁	A ₂	Support ¹	Carried Member ²	Short Term Uplift	Long Term	Medium Term	Uplift	Download
38 x 255 to 302	SUR210	SUL210	40	206	50	25	35	10	10	5.34	5.12	6.41	10.83	11.38
38 x 302 to 356	SUR214	SUL214	40	254	50	25	35	12	12	6.41	6.14	7.67	11.49	13.24
45 x 241 to 356	SUR1.81/9	SUL1.81/9	46	233	50	19	35	8	8	4.27	4.09	4.47	-	4.19
45 x 302 to 406	SUR1.81/11	SUL1.81/11	46	254	50	19	35	10	10	5.34	5.12	6.41	-	4.28
58 x 241 to 356	SUL13510/12	SUL13510/12	58	228	73	43	44	14	6	3.20	7.16	7.94	5.59	14.59
58 x 356 to 406	SUL13514/20	SUL13514/20	58	330	73	43	44	18	8	4.27	7.98	7.98	9.53	20.02
2ply 38 x 125 to 200	HSUR26-2	HSUL26-2	80	125	62	32	56	12	4	2.00	6.18	7.74	2.40	8.57
89 x 225 to 356	SUR410	SUL410	90	216	62	25	56	14	6	3.20	7.16	8.94	5.34	14.14
89 x 225 to 356	HSUR410	HSUL410	90	216	62	25	56	20	6	3.20	10.32	12.90	5.57	17.35
89 x 225 to 356	SUR414	SUL414	90	317	62	25	56	18	8	4.27	7.98	7.98	8.96	18.80
89 x 356 to 457	HSUR414	HSUL414	90	317	62	25	56	26	8	4.27	13.41	16.77	9.23	29.78

1. 4.0mm x 90mm Round Wire Nails
2. 3.75mm x 30mm Square Twist Nails when 'W' is less than 58mm and 3.75mm x 75mm Round Wire Nails when 'W' is 80mm or above.