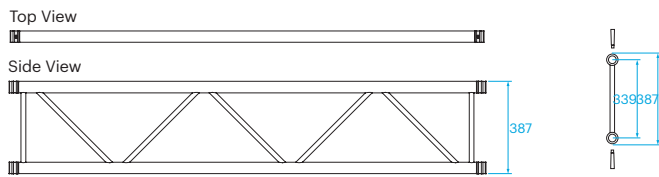


PRODUCT DATA SHEET

H40 Series truss is constructed of main chords (48 x 3 mm) and diagonals (20 x 2 mm), and uses the CCS6 coupling system. Prolyte supplies a variety of H40 Series truss elements that

provide maximum flexibility, including standard or custom-made lengths, circles and arches and several types of corners. Prolyte can create custom-made pieces on request.

H40L



Technical Specifications - H40L, H40D, H40V, H40R

Types	Ladder (L), Triangular (D), Square (V), Rectangular (R)
Alloy	EN AW 6082 T6
Main Chords	48 x 3 mm
Diagonal Members	20 x 2 mm
Coupling System	CCS6

Structural data can be found at www.prolyte.com

H40L, H40D, H40V, H40R- Standard available Lengths and Codes

Metres	Feet	Code*
0,25/1,00 m in 5 mm steps	0.82'/3.28', in 0.2' steps	
0,25	0.82	H40•-L025
0,50	1.90	H40•-L050
0,75	2.46	H40•-L075
0,81	2.65	H40•-L081
1,00	3.28	H40•-L100
1,50	4.92	H40•-L150
2,00	6.56	H40•-L200
2,50	8.20	H40•-L250
3,00	9.84	H40•-L300
4,00	13.12	H40•-L400

*on • indicate L for Ladder, D for triangular or

V for square, R for rectangular truss

Example: H40V-L200

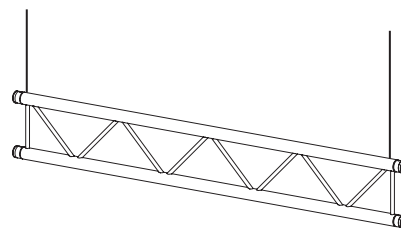
H40L LADDER SERIE TRUSS



H40L - Allowable Loading (Span supported on top chord.)

SPAN		Uniformly Distributed Load		DEFLECTION		CPL		DEFLECTION	
m	ft	kg/m	lbs/ft	mm	inch	kgs	lbs	mm	inch
1	3,3	1259,8	847,7	1	0,0	1259,8	2780,4	0	0,0
2	6,6	629,0	423,2	1	0,0	629,0	1388,2	1	0,0
3	9,8	253,0	170,2	2	0,1	380,0	838,7	1	0,1
4	13,1	105,0	70,7	2	0,1	210,0	463,5	2	0,1
5	16,4	52,0	35,0	3	0,1	130,0	286,9	2	0,1
6	19,7	24,0	16,1	3	0,1	72,0	158,9	2	0,1

1 inch = 25,4 mm | 1m = 3.28 ft | 1 lbs = 0,453 kg

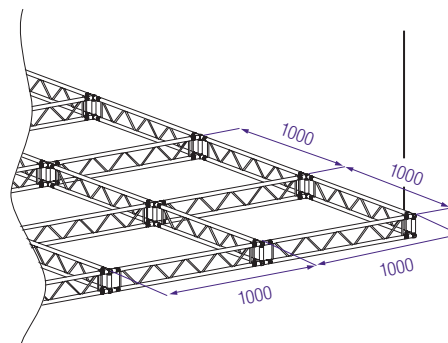


Spans must be supported at each end.
Loads must be suspended from bottom chord only.

H40L - Allowable Loading (Top chord sideways supported each metre.)

SPAN		Uniformly Distributed Load		DEFLECTION		CPL		DEFLECTION	
m	ft	kg/m	lbs/ft	mm	inch	kgs	lbs	mm	inch
4	13,1	312,9	210,6	13	0,5	806,8	1780,5	10	0,4
5	16,4	249,8	168,1	20	0,8	682,7	1506,7	16	0,6
6	19,7	207,7	139,8	29	1,1	590,9	1304,1	23	0,9
7	23,0	173,4	116,7	40	1,6	520,2	1148,0	32	1,2
8	26,2	133,7	90,0	52	2,0	463,9	1023,7	41	1,6
9	29,5	106,0	71,3	65	2,6	417,9	922,4	52	2,1
10	32,8	85,8	57,7	81	3,2	379,7	838,0	65	2,5
11	36,1	70,8	47,6	98	3,8	347,3	766,5	78	3,1
12	39,4	59,2	39,9	116	4,6	319,5	705,1	93	3,7

1 inch = 25,4 mm | 1m = 3.28 ft | 1 lbs = 0,453 kg

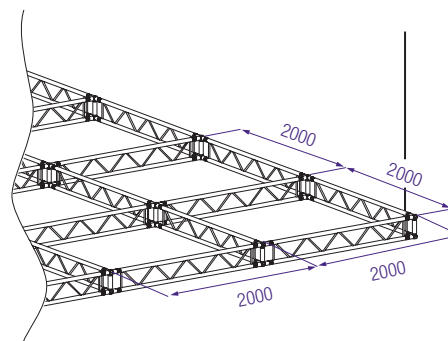


Spans must be supported at each end.
Loads must be suspended from bottom chord only.

H40L - Allowable Loading (Top chords sideways supported every 2 metres.)

SPAN		Uniformly Distributed Load		DEFLECTION		CPL		DEFLECTION	
m	ft	kg/m	lbs/ft	mm	inch	kgs	lbs	mm	inch
4	13,1	156,2	105,1	4	0,1	312,5	689,6	3	0,1
5	16,4	99,0	66,6	6	0,2	247,5	546,3	5	0,2
6	19,7	67,9	45,7	8	0,3	203,8	449,8	7	0,3
7	23,0	49,2	33,1	11	0,4	172,2	380,0	9	0,3
8	26,2	37,0	24,9	14	0,6	148,1	326,9	12	0,5
9	29,5	28,7	19,3	18	0,7	129,1	285,0	15	0,6
10	32,8	22,7	15,3	23	0,9	113,6	250,8	18	0,7
11	36,1	18,3	12,3	27	1,1	100,7	222,3	22	0,9
12	39,4	15,0	10,1	33	1,3	89,8	198,1	26	1,0

1 inch = 25,4 mm | 1m = 3.28 ft | 1 lbs = 0,453 kg



Spans must be supported at each end.
Loads must be suspended from bottom chord only.