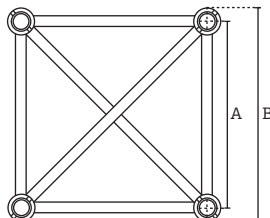
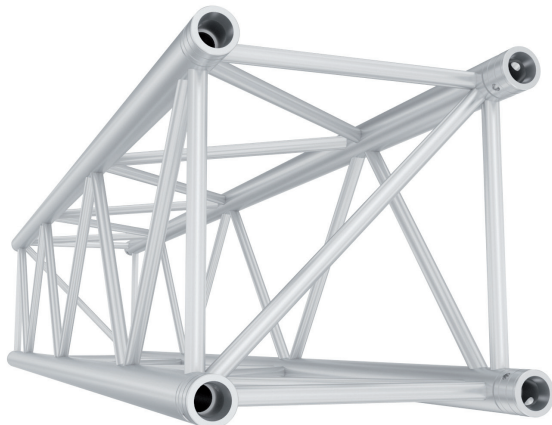


JT40H QUATRO

- High quality 48 mm (1 7/8") heavy-duty aluminium tubes
- Conical connectors for quick, simple and secure assembly
- Extended free-span (up to 20 m / 65') and loading characteristics
- Custom lengths, junctions and curves available
- Compatible with JTCELL200 / 400 / 500 / 600 series cell clamps
- Compatible with Xtruss accessories
- Powder coat colour finish available on request



Code:		4CF40H
Main Chords:	mm in	48x3 (1 7/8"x7/64")
Diagonals:	mm in	20x2 (25/32"x5/34")
Alloy:		EN-AW 6082 T6
A	mm in	339 (13 3/8")
B	mm in	387 (15 17/64")
Coupler:		CCF

Standard lengths and weights

Code	4CF40H-L500	4CF40H-L1000	4CF40H-L1500	4CF40H-L2000	4CF40H-L2500	4CF40H-L3000	4CF40H-L4000	4CF40H-L5000
m	0.50 (1' 8")	1.00 (3' 3")	1.50 (4' 11")	2.00 (6' 7")	2.50 (8' 2")	3.00 (9' 10")	4.00 (13' 1")	5.00 (16' 5")
kg	4.4 (9.70)	7.6 (16.76)	10.5 (23.15)	13.7 (30.21)	16.6 (36.60)	19.9 (43.88)	26.6 (58.65)	32.2 (71.00)

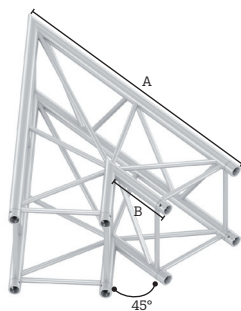
Loading chart

Span	Uniformly Distributed load		Centre Point load		Third Point load		Quarter Point load		5th Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
2	1032.7	0.6	2065.5	1	1032.7	0.8	688.5	0.8	516.4	0.7
4	512.7	4.9	1928	7.4	1025.4	6.7	683.6	6.2	512.7	5.9
6	339.4	16.6	1372	17.9	957	21.2	678.7	20.9	509	20
8	252.7	39.4	1052	33	755	40.1	554	41	448	42.1
10	178.3	68.8	847	53	615	64.9	437	64.3	360	67.3
12	121.6	99.3	700	77.7	514	95.6	364.7	94.6	295	97.2
14	87.4	135.4	593	107.7	440	133.1	305.8	129.2	250	133.9
16	65.2	177.3	506	142	379	176	260.7	169.4	217.3	178.6
18	50	225.1	436	181.7	330	225.4	224.8	215.4	187.3	226.6
20	39.1	278.8	379	227.1	293	283.9	195.4	267.2	162.8	280.6

Span	Uniformly Distributed load		Centre Point load		Third Point load		Quarter Point load		5th Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
6' 7"	693.94	1/64"	1387.94	1/32"	693.94	1/32"	462.65	1/32"	347.00	1/64"
13' 1"	344.51	3/16"	1295.54	9/32"	689.03	1/4"	459.35	15/64"	344.51	7/32"
19' 8"	228.06	41/64"	921.93	45/64"	643.07	53/64"	456.06	13/16"	342.03	25/32"
26' 3"	169.80	1 35/64"	706.90	1 19/64"	507.33	1 37/64"	372.27	1 39/64"	301.04	1 21/32"
32' 10"	119.81	2 45/64"	569.15	2 5/64"	413.26	2 35/64"	293.65	2 17/32"	241.91	2 41/64"
39' 4"	81.71	3 29/32"	470.37	3 3/64"	345.39	3 3/4"	245.06	3 23/32"	198.23	3 13/16"
45' 11"	58.73	5 21/64"	398.47	4 15/64"	295.66	5 15/64"	205.49	5 5/64"	167.99	5 17/64"
52' 6"	43.81	6 31/32"	340.01	5 37/64"	254.67	6 59/64"	175.18	6 21/32"	146.02	7 1/32"
59' 1"	33.60	8 55/64"	292.98	7 9/64"	221.75	8 55/64"	151.06	8 15/32"	125.86	8 29/32"
65' 7"	26.27	10 31/32"	254.67	8 15/16"	196.88	11 11/64"	131.30	10 33/64"	109.40	11 3/64"

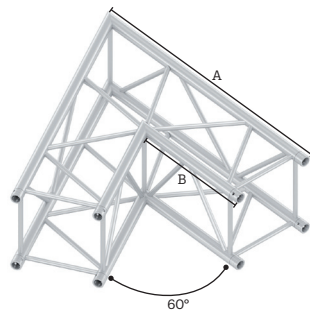
All truss loading calculations and TUV certifications are based on:

Truss supported or suspended at both ends • Static loadings only • Loads applied in the node points • Self-weight of the truss included • Spans made of different truss lengths • Interaction of bending moment and shear force at connector is considered • Structural calculations are based on EN 1991, EN 1993 and EN 1999 • All loading data should be multiplied by 0.85 to comply with BS 7905-2 / ANSI E1.2-2006 / CWA 15902-2 / prEN 17115 • For any other application, or in case of an assembled structure contact JTE or a structural engineer • Included safety factors: self-weight 1.35 / loading 1.50



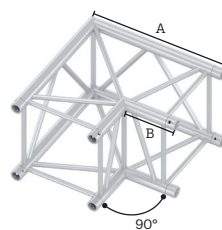
2 way corner 45°

Code	kg	lbs	mm	in
4CF40H-J19	10.7	(23.99)	A 1200 (47 15/64")	
			B 263 (10 11/32")	



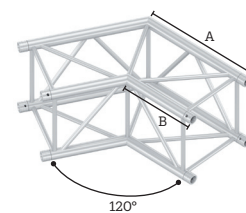
2 way corner 60°

Code	kg	lbs	mm	in
4CF40H-J20	12.0	(26.46)	A 1200 (47 15/64")	
			B 528 (20 25/32")	



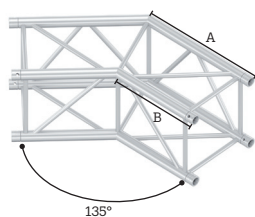
2 way corner 90°

Code	kg	lbs	mm	in
4CF40H-J21	6.6	(14.55)	A 600 (23 39/64")	
			B 212 (8 11/32")	



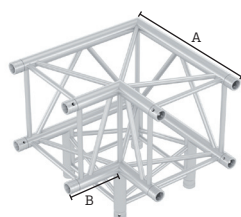
2 way corner 120°

Code	kg	lbs	mm	in
4CF40H-J22	7.4	(16.32)	A 600 (23 39/64")	
			B 376 (14 51/64")	



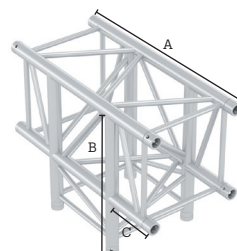
2 way corner 135°

Code	kg	lbs	mm	in
4CF40H-J23	7.7	(16.98)	A 600 (23 39/64")	
			B 439 (17 9/32")	



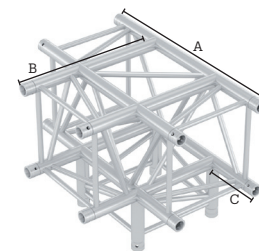
3 way corner 90°

Code	kg	lbs	mm	in
4CF40H-J30	8.6	(18.96)	A 600 (23 39/64")	
			B 212 (8 11/32")	



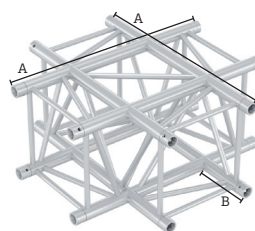
3 way T-piece

Code	kg	lbs	mm	in
4CF40H-J35	10.0	(22.05)	A 810 (31 7/8")	
			B 600 (23 39/64")	
			C 212 (8 11/32")	



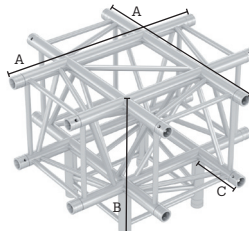
4 way T-piece leg down

Code	kg	lbs	mm	in
4CF40H-J40	12.1	(26.68)	A 810 (31 7/8")	
			B 600 (23 39/64")	
			C 212 (8 11/32")	



4 way cross piece

Code	kg	lbs	mm	in
4CF40H-J41	12.1	(26.68)	A 810 (31 7/8")	
			B 212 (8 11/32")	



5 way cross down leg

Code	kg	lbs	mm	in
4CF40H-J51	14.1	(31.09)	A 810 (31 7/8")	
			B 600 (23 39/64")	
			C 212 (8 11/32")	