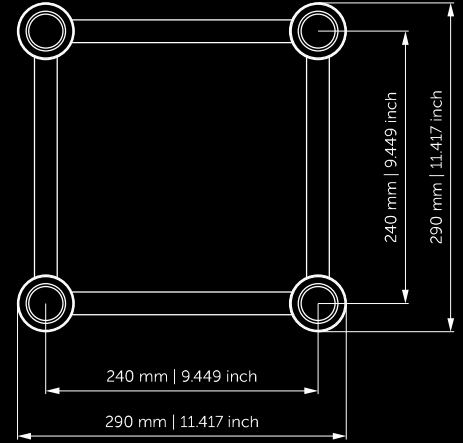
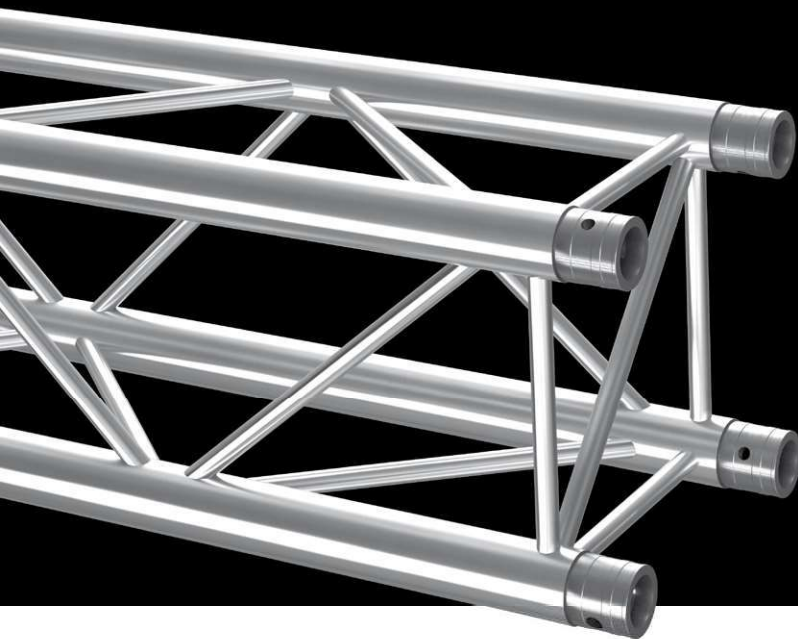


QUICKLOCK LINE

PT34 / PTH34 box



SPECIFICATIONS PT34

TUBES	50x2mm (2 x 0.08inch)
BRACES	16x2mm (0.63 x 0.08inch)
ALLOY	EN-AW 6082 T6



SPECIFICATIONS PTH34

TUBES	48x3mm (1,89 x 0.12inch)
BRACES	16x2mm (0.63 x 0.08inch)
ALLOY	EN-AW 6082 T6

STRAIGHT SEGMENT LENGTHS PT34

CODE	LENGTH		WEIGHT	
PT34-50	0.5m	1.64ft	3.96kg	8.73lb
PT34-75	0.75	2.46ft	5.08kg	11.20lb
PT34-100	1m	3.28ft	6.17kg	13.60lb
PT34-150	1.5m	4.92ft	8.38kg	18.47lb
PT34-200	2m	6.56ft	10.58kg	23.32lb
PT34-250	2.5m	8.2ft	12.78kg	28.18lb
PT34-300	3m	9.84ft	14.98kg	33.03lb
PT34-350	3.5m	11.48ft	17.18kg	37.88lb
PT34-400	4m	13.12ft	19.38kg	42.73lb
PT34-450	4.5m	14.76ft	21.58kg	47.58lb
PT34-500	5m	16.4ft	23.78kg	52.43lb

STRAIGHT SEGMENT LENGTHS PTH34

CODE	LENGTH		WEIGHT	
PTH34-50	0.5m	1.64ft	4.60kg	10.14lb
PTH34-75	0.75	2.46ft	6.23kg	13.73lb
PTH34-100	1m	3.28ft	7.66kg	16.90lb
PTH34-150	1.5m	4.92ft	10.48kg	23.10lb
PTH34-200	2m	6.56ft	13.38kg	29.50lb
PTH34-250	2.5	8.2ft	16.24kg	35.80lb
PTH34-300	3m	9.84ft	19.10kg	42.11lb
PTH34-350	3.5m	11.48ft	21.96kg	48.41lb
PTH34-400	4m	13.12ft	24.82kg	54.72lb
PTH34-450	4.5m	14.76ft	27.68kg	61.03lb
PTH34-500	5m	16.4ft	30.54kg	67.33lb

LOADING TABLES PT34 / PTH34

	2m		4m		6m		8m		10m		12m	
Distrib. Load [kg/m]	785	726	390	359	229	237	130	175	81	124	53	83
Deflection [mm]	1.4	0.9	10.8	7.2	32.5	24.2	59.3	57.5	92.5	101.1	130.3	144.9
Point load [kg]	1570	1452	961	1436	688	1096	520	802	406	618	321	496
Deflection [mm]	2.2	1.4	10.7	11.4	26.2	29.7	47.9	52.8	75.1	82.2	106.6	118.8
	6,56ft		13,12ft		19,68ft		26,24ft		32,81ft		39,37ft	
Distrib. Load [lb/ft]	527.6	487.8	262.1	241.2	153.9	159.3	87.4	117.6	54.4	83.3	35.6	55.8
Deflection [inch]	0.1	0.04	0.4	0.3	1.3	1.0	2.3	2.3	3.6	4.0	5.1	5.7
Point load [lb]	3461.9	3201.1	2119	3165.8	1517	2416.3	1146.6	1768.1	895.2	1362.5	707.8	1093.5
Deflection [inch]	0.1	0.1	0.4	0.5	1	1.2	1.9	2.1	3	3.2	4.2	4.7

Loading tables are valid for static loads and spans with two supporting points. Spans must be supported at each end. Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.

CORNERS



PT34-C19

PTH34-C19



7.3kg
(16.20lb)

10.04kg
(22.13lb)



2-way 45° corner



1m (3.28ft)



PT34-C20

PTH34-C20



8.2kg
(18.01lb)

10.04kg
(22.13lb)



2-way 60° corner



1m (3.28ft)



PT34-C21

PTH34-C21



4.7kg
(10.31lb)

6.36kg
(14.02lb)



2-way 90° corner



0.5m (1.64ft)



PT34-C21-R



4.4kg (9.71lb)



2-way 90° corner rounded



0.5m (1.64ft)



PT34-C22

PTH34-C22



5.3kg
(11.60lb)

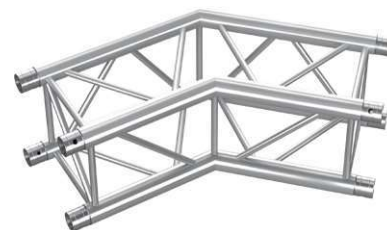
7.25kg
(15.98lb)



2-way 120° corner



0.5m (1.64ft)



PT34-C23

PTH34-C23



5.4kg
(11.88lb)

7.25kg
(15.98lb)



2-way 135° corner



0.5m (1.64ft)



PT34-C30

PTH34-C30



6.4kg
(14.02lb)

8.68kg
(19.14lb)



3-way 90° corner



0.5m (1.64ft)



PT34-C30-R



6.3kg (13.80lb)



3-way 90° corner rounded



0.5m (1.64ft)



PT34-T35

PTH34-T35



7.0kg
(15.42lb)

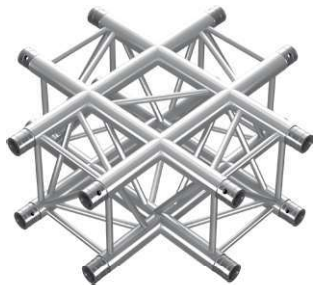
9.2kg
(20.28lb)







3-way T-junction

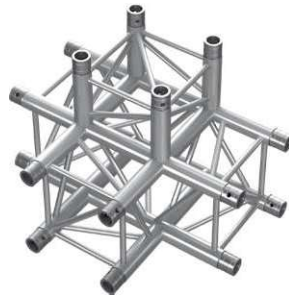


0.71x0.5m (2.33x1.64ft)







PT34-C41

 8.7kg (19.16lb)	 11.44kg (25.22lb)
 4-way cross junction	
 0.71x0.71m (2.33x2.33ft)	

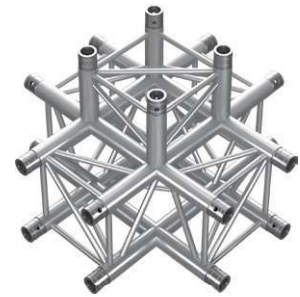


PTH34-C41





PT34-T42

 8.5kg (18.80lb)	 11.44kg (25.22lb)
 4-way T-junction	
 0.71x0.5x0.5m (2.33x1.64x1.64ft)	

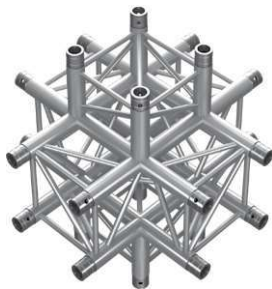
PTH34-T42







PT34-C55

 9.2kg (20.25lb)	 12.7kg (28lb)
 5-way T-junction	
 0.71x0.71x0.5m (2.33x2.33x1.64ft)	

PTH34-C55



PT34-C60

 11.2kg (24.72lb)	 14.42kg (31.79lb)
 6-way T-junction	
 0.71x0.71x0.71m (2.33x2.33x2.33ft)	

PTH34-C60

