



K-TRUSS™ LOAD BEARING CHART

KT-F34 Series Dimensions:

Height: 11.42in / 290mm

Width: 11.42in / 290mm

Main Tube: 2in / 50mm

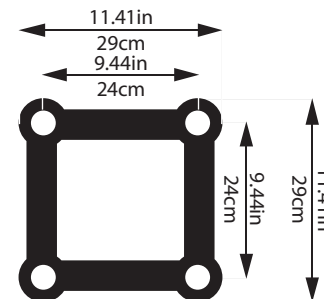
Braces: .63in / 16mm

Wall thickness: .06in / 1.5mm

Material: EN-AWT6 6082 Aluminum

Fabricated by GSI SLV-certified welders

ProX K-Truss is compatible in size only to other major brands that utilize the same conical connection.



Span	Uniform		Deflection		Center Point Load		Deflection		Point Load In Third-point		Deflection		Point Load In Quarter-point		Deflection		Point Load In Fifth-point		Deflection	
																				
	m / ft	kg	lbs	cm	inch	kg	lbs	cm	inch	kg	lbs	cm	inch	kg	lbs	cm	inch	kg	lbs	cm
1 / 3.28	1251.80	2759.74	0.0039	0.002	502.65	1108.15	0.0000	0.000	478.61	1055.15	0.0000	0.000	417.23	919.83	0.0000	0.000	312.95	697.44	0.0000	0.000
2 / 6.56	1249.50	2754.67	0.0039	0.002	436.76	962.88	0.0000	0.000	401.61	885.40	0.0000	0.000	345.95	762.69	0.0000	0.000	312.40	688.72	0.0000	0.000
3 / 9.84	1247.40	2750.04	0.2340	0.092	386.05	851.08	0.1950	0.077	345.95	762.69	0.3120	0.123	286.44	631.49	0.2340	0.092	259.05	571.11	0.1170	0.046
4 / 13.13	1105.50	2437.21	0.4680	0.184	345.95	762.69	0.3120	0.123	303.88	669.93	0.5070	0.200	244.37	538.73	0.3900	0.154	218.13	480.90	0.3900	0.154
5 / 16.41	880.55	1941.28	0.8190	0.322	313.39	690.91	0.3900	0.154	270.93	597.30	0.8190	0.322	213.13	469.86	0.6240	0.246	182.70	402.81	0.7020	0.276
6 / 19.68	729.30	1607.83	1.1700	0.461	286.44	631.49	0.6630	0.261	244.37	538.73	1.1700	0.461	182.44	402.20	0.9750	0.384	151.42	338.81	1.0140	0.399
7 / 22.97	616.00	1358.05	1.5600	0.614	263.73	581.41	1.0920	0.430	222.59	490.72	1.6380	0.645	155.32	342.42	1.2870	0.507	128.92	284.22	1.5210	0.599
8 / 26.25	536.80	1183.44	2.0280	0.798	244.37	538.73	1.5210	0.599	809.38	446.10	2.2620	0.891	134.92	297.44	1.5990	0.630	111.98	246.87	1.7940	0.706
9 / 29.53	470.25	1036.72	2.5350	0.998	227.65	501.87	2.0280	0.798	178.31	393.11	2.7300	1.075	118.86	262.03	2.0280	0.798	98.67	217.53	2.1450	0.844

SPANS GREATER THAN 9 METERS - 30 FEET IS NOT RECOMMENDED NOR RATED ON THIS CHART! - CONSULT A STRUCTURAL ENGINEER

Loading figures only valid for static (non moving) loads and spans with two supporting points. Calculated for K-Truss only, if mixed with other trussing this chart is void! If dynamic loads or wind loads are involved, or more supporting points are applied, contact a structural engineer. Weight of the truss components are considered in load table. This truss loading chart is calculated based on engineering design studies and is not from destructive or non-destructive testing.

