



K-TRUSS™ LOAD BEARING CHART

KT-F34 Series Dimensions:

Height: 11.42in / 290mm

Width: 11.42in / 290mm

Main Tube: 2in / 50mm

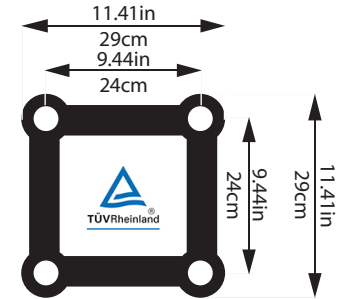
Braces: .63in / 16mm

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	
	kg/m	lbs/ft	cm	inch	kg	lbs	cm	inch	kg	lbs	cm	inch	kg	lbs	cm	inch
1 / 3.28	1593.20	1070.58	0.010	0.004	639.73	1410.41	0.00	0.00	609.14	1342.92	0.00	0.00	531.02	1170.70	0.00	0.00
2 / 6.56	795.20	534.35	0.010	0.004	555.87	1225.48	0.00	0.00	511.14	1126.87	0.00	0.00	440.30	970.71	0.00	0.00
3 / 9.84	529.20	355.61	0.600	0.236	491.33	1083.20	0.50	0.20	440.30	970.70	0.80	0.32	364.56	803.72	0.60	0.24
4 / 13.13	351.75	236.37	1.200	0.472	440.30	970.70	0.80	0.32	386.75	852.64	1.30	0.51	311.01	685.66	1.00	0.39
5 / 16.41	224.00	150.52	2.100	0.827	398.86	879.34	1.00	0.39	344.82	760.20	2.10	0.83	271.25	598.00	1.60	0.63
6 / 19.68	154.70	103.95	3.000	1.181	364.56	803.72	1.70	0.67	310.31	684.12	3.00	1.18	231.19	511.89	2.50	0.98
7 / 22.97	119.00	79.96	4.000	1.575	335.65	739.98	2.80	1.10	283.29	624.55	4.20	1.65	197.68	435.81	3.30	1.30
8 / 26.25	85.40	57.39	5.200	2.047	310.10	684.12	3.90	1.54	257.53	567.76	5.80	2.28	171.71	378.56	4.10	1.61
9 / 29.53	66.50	44.69	6.500	2.559	289.73	638.75	5.20	2.05	239.54	528.10	7.00	2.76	151.27	333.49	5.20	2.05

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. For repetitive use multiply by .85

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