

Small size and huge help

QuickTruss® M222



The QuickTruss® M222 system offers great weight loading capabilities despite its small size and light physical weight. Considering this, M222 is ideal for retail, tradeshow and decorative applications. Connection is fast and simple, using a Conical Connector system with Pins and R-Clips.

QuickTruss® M222 is available in custom lengths and junctions, and can be curved (See Circle Section). It comes in Natural Silver or a wide variety of Powder Coated colors and finishes.

DUO M222																		
Span in m (ft)	1,00	3.28	2,00	6.56	3,00	9.84	4,00	13.12	5,00	16.41	6,00	19.69	7,00	22.97	8,00	26.25	9,00	29.53
point load in kg (lbs)	278,00	612.88	182,00	401.24	121,00	266.76	89,00	196.21	70,00	154.32	58,00	127.87	48,00	105.82	41,00	90.39	35,00	77.16
deflection in mm (inch)	0,00	0.00	2,00	0.08	4,00	0.16	7,00	0.27	10,00	0.39	15,00	0.59	20,00	0.78	27,00	1.05	34,00	1.33
two point load in kg (lbs)	139,00	306.44	137,00	302.03	90,00	198.42	67,00	147.71	53,00	116.84	43,00	94.8	36,00	79.37	31,00	68.34	26,00	57.32
deflection in mm (inch)	0,00	0.00	2,00	0.08	5,00	0.20	8,00	0.31	13,00	0.51	19,00	0.74	25,00	0.98	33,00	1.29	42,00	1.64
distrib. loading in kg/m (lbs/ft)	278,00	186.79	138,00	92.72	80,00	53.75	45,00	30.24	28,00	18.81	19,00	12.77	14,00	9.41	10,00	6.72	8,00	5.38
total distrib. loading in kg (lbs)	278,00	612.88	276,00	608.48	240,00	529.11	180,00	396.83	140,00	308.65	114,00	251.33	98,00	216.05	80,00	176.37	72,00	158.73
deflection in mm (inch)	0,00	0.00	2,00	0.08	5,00	0.20	8,00	0.31	13,00	0.51	18,00	0.7	25,00	0.98	33,00	1.29	41,00	1.60

DUO figures are based on use in vertical mode & grid application (i.e. stabilized every 1 m)

TRIO M222																		
Span in m (ft)	1,00	3.28	2,00	6.56	3,00	9.84	4,00	13.12	5,00	16.41	6,00	19.69	7,00	22.97	8,00	26.25	9,00	29.53
point load in kg (lbs)	317,00	698.86	157,00	346.13	103,00	227.08	76,00	167.55	59,00	130.07	48,00	105.82	39,00	85.98	32,00	70.55	27,00	59.52
deflection in mm (inch)	0,00	0.00	1,00	0.04	3,00	0.12	6,00	0.23	9,00	0.35	13,00	0.51	18,00	0.70	23,00	0.90	30,00	1.17
two point load in kg (lbs)	238,00	524.70	118,00	260.15	77,00	169.76	57,00	125.66	44,00	97.00	36,00	79.37	29,00	63.93	24,00	52.91	20,00	44.09
deflection in mm (inch)	0,00	0.00	2,00	0.08	4,00	0.16	7,00	0.27	11,00	0.43	16,00	0.62	22,00	0.86	29,00	1.13	36,00	1.40
distrib. loading in kg/m (lbs/ft)	482,00	1062.30	157,00	105.49	69,00	46.36	38,00	25.53	24,00	16.13	16,00	10.75	11,00	7.39	8,00	5.38	6,00	4.03
total distrib. loading in kg (lbs)	482,00	1062.30	314,00	692.25	207,00	456.36	152,00	335.1	120,00	264.55	96,00	211.64	77,00	169.76	64,00	141.10	54,00	119.05
deflection in mm (inch)	0,00	0.00	2,00	0.08	4,00	0.16	7,00	0.27	11,00	0.43	16,00	0.62	21,00	0.82	28,00	1.09	35,00	1.37

TRIO figures are based on use in apex down orientation

QUATRO M222																		
Span in m (ft)	1,00	3.28	2,00	6.56	3,00	9.84	4,00	13.12	5,00	16.41	6,00	19.69	7,00	22.97	8,00	26.25	9,00	29.53
point load in kg (lbs)	554,00	1221.36	367,00	809.1	242,00	533.52	179,00	394.63	141,00	310.85	115,00	253.53	97,00	213.85	82,00	180.78	71,00	156.53
deflection in mm (inch)	0,00	0.00	2,00	0.08	4,00	0.16	7,00	0.27	10,00	0.39	15,00	0.59	20,00	0.78	27,00	1.05	34,00	1.33
two point load in kg (lbs)	277,00	610.68	275,00	606.27	182,00	401.24	135,00	297.62	106,00	233.69	87,00	191.80	72,00	158.73	62,00	136.69	53,00	116.84
deflection in mm (inch)	0,00	0.00	2,00	0.08	5,00	0.20	8,00	0.31	13,00	0.51	19,00	0.74	26,00	1.01	33,00	1.29	42,00	1.64
distrib. loading in kg/m (lbs/ft)	554,00	372.23	276,00	185.44	162,00	108.85	90,00	60.47	57,00	38.30	38,00	25.53	28,00	18.81	21,00	14.11	16,00	10.75
total distrib. loading in kg (lbs)	554,00	1221.36	552,00	1216.95	486,00	1071.45	360,00	793.66	285,00	628.32	228,00	502.65	196,00	432.11	168,00	370.38	144,00	317.47
deflection in mm (inch)	0,00	0.00	2,00	0.08	5,00	0.20	8,00	0.31	13,00	0.51	18,00	0.70	25,00	0.98	33,00	1.29	41,00	1.60

STANDARD LENGTHS AVAILABLE AND WEIGHTS

m (ft)	0,50	1.64	1,00	3.28	1,50	4.92	2,00	6.56	2,50	8.20	3,00	9.84	4,00	13.12
Duo-kg (lbs)	0,85	1.87	1,70	3.75	2,55	5.62	3,40	7.50	4,25	9.37	5,10	11.24	6,80	14.99
Trio-kg (lbs)	1,15	2.54	2,30	5.07	3,45	7.61	4,60	10.14	5,75	12.68	6,90	15.21	9,20	20.28
Quatro-kg (lbs)	1,75	3.86	3,00	6.61	4,55	10.03	6,00	13.23	7,50	16.53	9,10	20.06	12,28	27.07

connection material (pins/clips/cons) and packaging not included in above weights

metric data	imperial data	point load in kg (lbs)	two point load in kg (lbs)	distrib. load (UDL) in kg/m (lbs/ft)
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