

MAIN CHORDS Ø2.0 x 0.188

SIZES

MAIN CHORDS Ø1.9 x .200

WEIGHT Lbs (kg)	ITEMS REFERENCES	Length	ITEMS REFERENCES	WEIGHT Lbs (kg)
68 (31)	TII- 3020 -048 F.2_188	<- 48" ->	TII- 3020 -048 F.9_200	68 (31)
84 (38)	TII- 3020 -060 F.2_188	<- 60" ->	TII- 3020 -060 F.9_200	84 (38)
114 (52)	TII- 3020 -096 F.2_188	<- 96" ->	TII- 3020 -096 F.9_200	114 (52)
126 (57)	TII- 3020 -120 F.2_188	<- 120" ->	TII- 3020 -120 F.9_200	126 (57)

Other sizes also available in 24" / 36" / 72" / 84"





Material: Truss: 6061-T6 / Spigots: C12L14 / Pin: Stressproof 1144

ALL OUR TRUSSES ARE MANUFACTURED BY CERTIFIED WELDERS

Tel : 514-400-3336

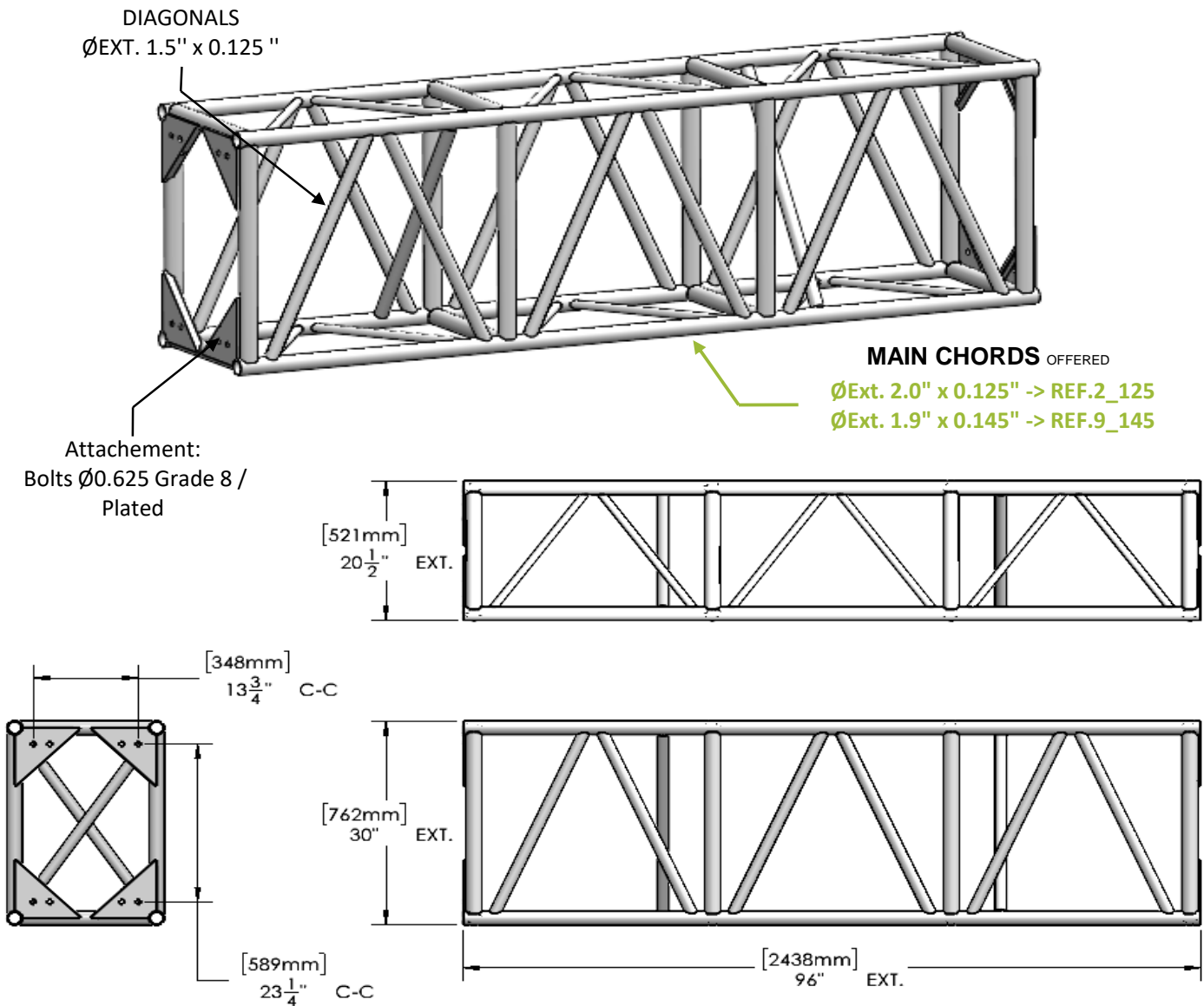
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ALLOWABLE LOAD TABLE :

		<div>Uniformly Distributed Load</div> 						<div>Center point</div> 				<div>Third point</div> 				<div>Quarter point</div> 			
Span length		Load Capacity				Deflection		Load Capacity		Deflection		Load Capacity		Deflection		Load Capacity		Deflection	
ft	(m)	lb/ft	(kg/m)	lb	(kg)	in	(mm)	lb	(kg)	in	(mm)	lb	(kg)	in	(mm)	lb	(kg)	in	(mm)
8	(2.44)	1594	(2372)	12749	(5783)	0.02	(0.4)	12749	(5783)	0.03	(0.7)	6389	(2898)	0.02	(0.6)	4259	(1932)	0.02	(0.6)
10	(3.05)	1178	(1753)	11783	(5344)	0.03	(0.8)	11783	(5345)	0.05	(1.3)	5912	(2682)	0.04	(1.1)	3941	(1788)	0.04	(1)
16	(4.88)	724	(1078)	11591	(5258)	0.13	(3.2)	8376	(3799)	0.15	(3.7)	5847	(2652)	0.17	(4.4)	3898	(1768)	0.16	(4.1)
20	(6.1)	571	(849)	11416	(5178)	0.24	(6.2)	6650	(3016)	0.23	(5.8)	4987	(2262)	0.29	(7.3)	3325	(1508)	0.27	(6.8)
24	(7.32)	457	(681)	10978	(4980)	0.41	(10.4)	5489	(2490)	0.33	(8.3)	4117	(1867)	0.42	(10.6)	2745	(1245)	0.39	(9.8)
30	(9.14)	288	(428)	8629	(3914)	0.64	(16.2)	4314	(1957)	0.52	(13.1)	3236	(1468)	0.65	(16.5)	2157	(978)	0.61	(15.4)
32	(9.75)	251	(374)	8034	(3644)	0.72	(18.4)	4017	(1822)	0.59	(14.9)	3013	(1367)	0.74	(18.8)	2008	(911)	0.69	(17.5)
40	(12.19)	156	(231)	6222	(2822)	1.13	(28.8)	3111	(1411)	0.92	(23.5)	2333	(1058)	1.16	(29.3)	1555	(706)	1.08	(27.4)
48	(14.63)	104	(154)	4976	(2257)	1.63	(41.4)	2488	(1128)	1.34	(34.1)	1866	(846)	1.66	(42.2)	1244	(564)	1.56	(39.6)
50	(15.24)	94	(141)	4721	(2141)	1.77	(44.9)	2360	(1071)	1.46	(37.1)	1770	(803)	1.80	(45.8)	1180	(535)	1.69	(43)
								Load per applied point											

NOTES :

- Capacities shown in this table are valid for structures manufactured after January 2020.
- Trusses must be loaded uniformly on both sides of their longitudinal axis.
- Loads must be applied to or as close as possible to the nodes of the trusses.
- Deflection of truss is theoretical and based solely on their rigidity.
It therefore does not take into account of the possible movement between the truss sections due to the tolerance of the pins/bolts.
- Datas are valid for indoor use only.
- Trusses are hung from the top chord only.
- Data are valid only for static loads and span, with two support points (one at each end).
If dynamic loads or more attachment points are needed, **contact Therio Innovation**.



MAIN CHORDS Ø2.0 x 0.125			<u>SIZES</u>	MAIN CHORDS Ø1.9 x 0.145		
WEIGHT Lbs (kg)	ITEMS REFERENCES		Length	ITEMS REFERENCES		WEIGHT Lbs (kg)
55 (25)	TII- 3020	-048 P.2_125	<- 48" ->	TII- 3020	-048 P.9_145	55 (25)
69 (31)	TII- 3020	-060 P.2_125	<- 60" ->	TII- 3020	-060 P.9_145	69 (31)
95 (43)	TII- 3020	-096 P.2_125	<- 96" ->	TII- 3020	-096 P.9_145	95 (43)
109 (49)	TII- 3020	-120 P.2_125	<- 120" ->	TII- 3020	-120 P.9_145	109 (49)

Other sizes also available in 24" / 36" / 72" / 84"





Material: Truss & Plates: 6061-T6 / Bolts : Ø0.625 Grade 8

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Span length		Load Capacity				Deflection		Load Capacity		Deflection		Load Capacity		Deflection		Load Capacity		Deflection	
ft	(m)	lb/ft	(kg/m)	lb	(kg)	in	(mm)	lb	(kg)	in	(mm)	lb	(kg)	in	(mm)	lb	(kg)	in	(mm)
8	(2.44)	785	(1169)	6283	(2850)	0.01	(0.3)	6360	(2885)	0.02	(0.5)	3181	(1443)	0.02	(0.4)	2121	(962)	0.02	(0.4)
10	(3.05)	580	(863)	5797	(2629)	0.02	(0.6)	5886	(2670)	0.04	(0.9)	2945	(1336)	0.03	(0.8)	1963	(891)	0.03	(0.7)
16	(4.88)	356	(530)	5697	(2584)	0.09	(2.3)	5311	(2409)	0.13	(3.4)	2925	(1327)	0.13	(3.2)	1950	(885)	0.12	(3)
20	(6.1)	281	(418)	5621	(2550)	0.18	(4.5)	4658	(2113)	0.23	(5.9)	2853	(1294)	0.24	(6.1)	1902	(863)	0.23	(5.7)
24	(7.32)	231	(343)	5538	(2512)	0.30	(7.7)	3855	(1748)	0.34	(8.6)	2602	(1180)	0.39	(9.8)	1735	(787)	0.36	(9.1)
30	(9.14)	176	(261)	5269	(2390)	0.57	(14.6)	3020	(1370)	0.53	(13.4)	2261	(1025)	0.66	(16.9)	1507	(684)	0.62	(15.8)
32	(9.75)	159	(236)	5074	(2301)	0.67	(17.1)	2808	(1274)	0.60	(15.3)	2106	(955)	0.76	(19.2)	1404	(637)	0.71	(18)
40	(12.19)	108	(161)	4322	(1960)	1.16	(29.4)	2161	(980)	0.95	(24.1)	1621	(735)	1.18	(30)	1080	(490)	1.11	(28.1)
48	(14.63)	71	(106)	3427	(1555)	1.67	(42.4)	1714	(777)	1.38	(35.1)	1285	(583)	1.70	(43.2)	857	(389)	1.60	(40.6)
50	(15.24)	65	(97)	3244	(1471)	1.81	(46)	1622	(736)	1.50	(38.2)	1216	(552)	1.85	(46.9)	811	(368)	1.73	(44.1)
								Load per applied point											

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