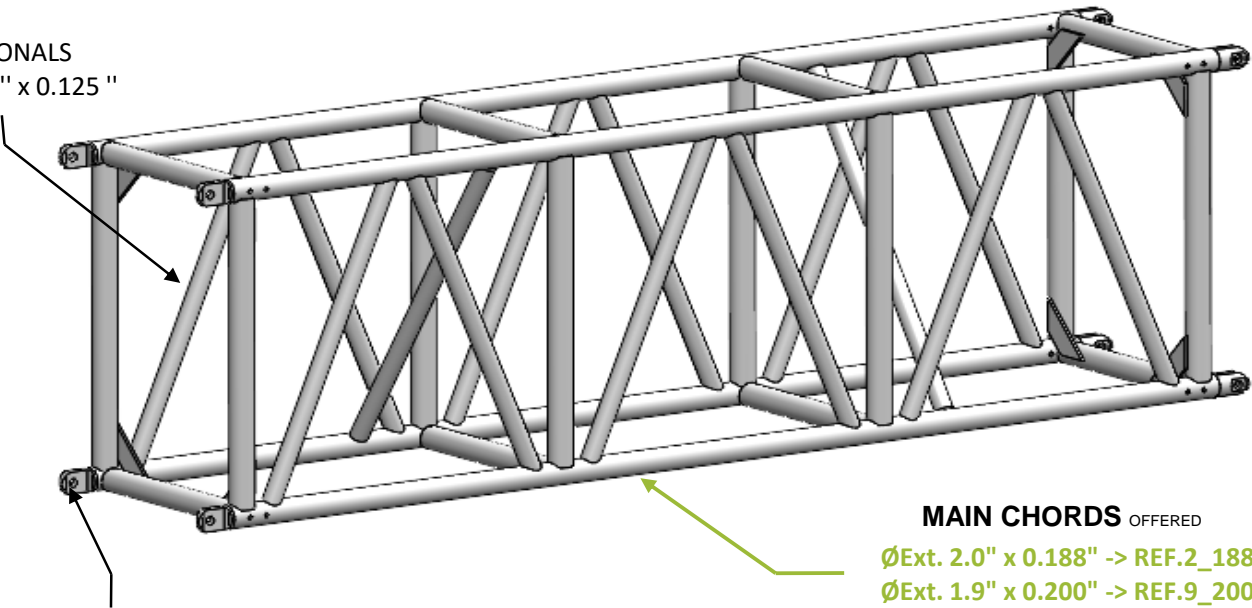


DIAGONALS
ØEXT. 1.5" x 0.125 "

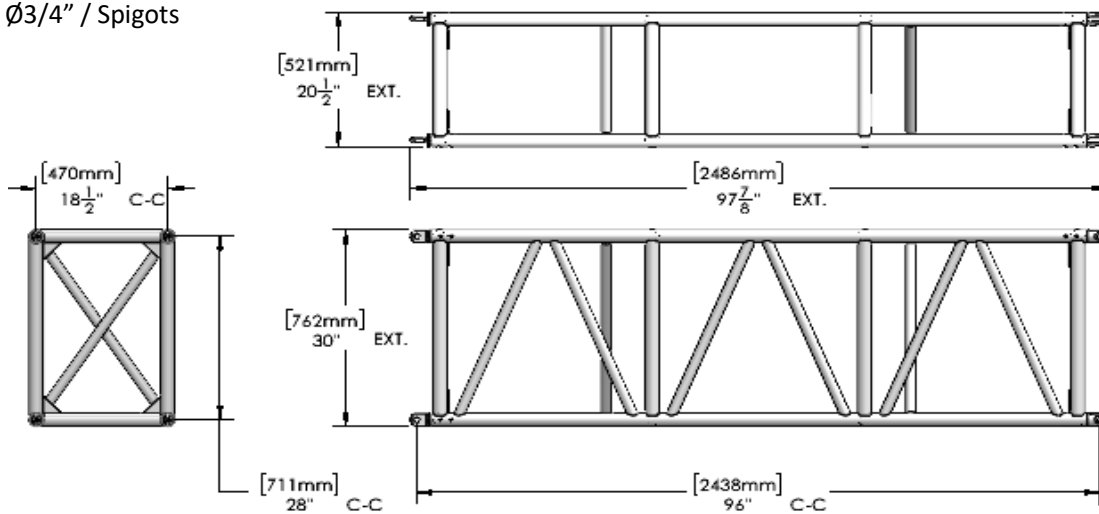


Attachement:
Pin Ø3/4" / Spigots

MAIN CHORDS OFFERED

ØExt. 2.0" x 0.188" -> REF.2_188

ØExt. 1.9" x 0.200" -> REF.9_200



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)
65 (29)	TIP- 3020 -048 F.2_188	<- 48" ->	TIP- 3020 -048 F.9_200	65 (29)
79 (36)	TIP- 3020 -060 F.2_188	<- 60" ->	TIP- 3020 -060 F.9_200	79 (36)
106 (48)	TIP- 3020 -096 F.2_188	<- 96" ->	TIP- 3020 -096 F.9_200	106 (48)
117 (53)	TIP- 3020 -120 F.2_188	<- 120" ->	TIP- 3020 -120 F.9_200	117 (53)

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


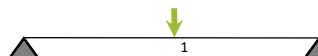
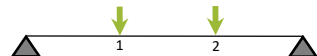

Material: Truss: 6061-T6 / Spigots: C12L14 / Pin: Stressproof 1144

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Tel : 514-400-3336

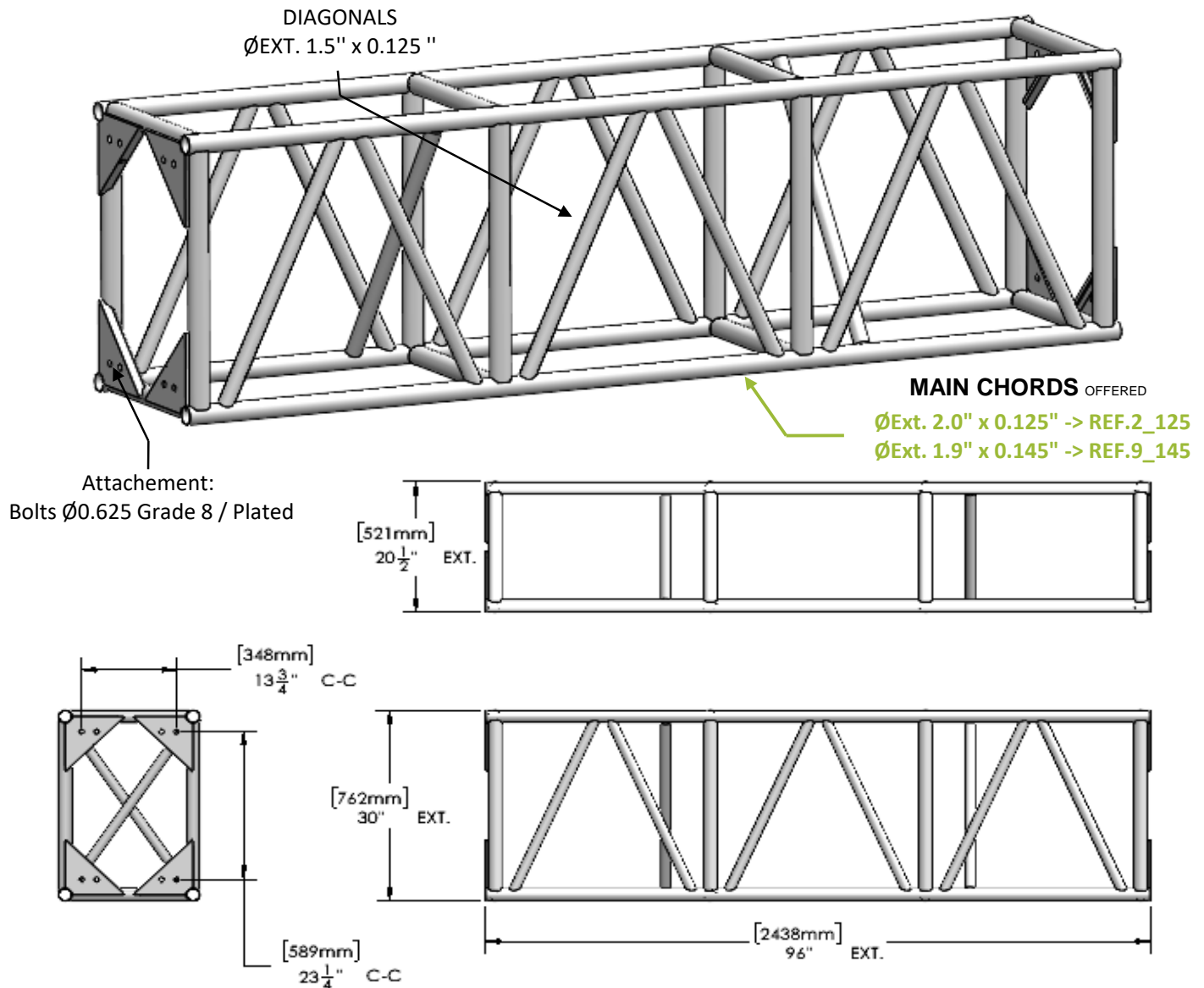
info@therioinnovation.com

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)		lb (kg)	in (mm)		
8 (2.44)	1594 (2373)	12755 (5786)			0.02 (0.4)		12755 (5786)	0.03 (0.7)		6391 (2899)	0.02 (0.6)		4261 (1933)	0.02 (0.6)				
10 (3.05)	1179 (1755)	11791 (5348)			0.03 (0.8)		11791 (5349)	0.05 (1.3)		5915 (2683)	0.04 (1.1)		3943 (1789)	0.04 (1)				
16 (4.88)	726 (1080)	11613 (5268)			0.13 (3.2)		8384 (3803)	0.15 (3.7)		5855 (2656)	0.17 (4.4)		3903 (1770)	0.16 (4.1)				
20 (6.1)	573 (852)	11450 (5194)			0.24 (6.2)		6660 (3021)	0.23 (5.8)		4995 (2266)	0.29 (7.3)		3330 (1510)	0.27 (6.8)				
24 (7.32)	458 (682)	11002 (4991)			0.41 (10.4)		5501 (2495)	0.33 (8.3)		4126 (1871)	0.42 (10.6)		2751 (1248)	0.39 (9.8)				
30 (9.14)	289 (430)	8659 (3927)			0.64 (16.2)		4329 (1964)	0.52 (13.1)		3247 (1473)	0.65 (16.5)		2165 (982)	0.61 (15.4)				
32 (9.75)	252 (375)	8066 (3659)			0.72 (18.4)		4033 (1829)	0.59 (14.9)		3025 (1372)	0.74 (18.8)		2017 (915)	0.69 (17.5)				
40 (12.19)	157 (233)	6262 (2840)			1.13 (28.8)		3131 (1420)	0.92 (23.5)		2348 (1065)	1.16 (29.3)		1565 (710)	1.08 (27.4)				
48 (14.63)	105 (156)	5024 (2279)			1.63 (41.4)		2512 (1139)	1.34 (34.1)		1884 (855)	1.66 (42.2)		1256 (570)	1.56 (39.6)				
50 (15.24)	95 (142)	4771 (2164)			1.77 (44.9)		2385 (1082)	1.46 (37)		1789 (812)	1.80 (45.8)		1193 (541)	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)
52 (24)	TIP-	3020	-048 P.2_125	<- 48" ->	TIP-	3020	-048 P.9_145	52 (24)
64 (29)	TIP-	3020	-060 P.2_125	<- 60" ->	TIP-	3020	-060 P.9_145	64 (29)
87 (39)	TIP-	3020	-096 P.2_125	<- 96" ->	TIP-	3020	-096 P.9_145	87 (39)
95 (43)	TIP-	3020	-120 P.2_125	<- 120" ->	TIP-	3020	-120 P.9_145	95 (43)

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


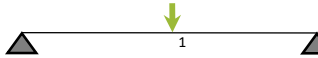


Material: Truss & Plates: 6061-T6 / Bolts : Ø0.625 Grade 8

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info@therioinnovation.com

ALLOWABLE LOAD TABLE :

Span length	Uniformly Distributed Load					Center point			Third point			Quarter point		
														
	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)	787	(1171)	6294	(2855)	0.01 (0.3)	6365	(2887)	0.02 (0.5)	3183	(1444)	0.02 (0.4)	2122	(963)	0.02 (0.4)
10 (3.05)	581	(864)	5809	(2635)	0.02 (0.6)	5890	(2672)	0.04 (0.9)	2947	(1337)	0.03 (0.8)	1965	(891)	0.03 (0.7)
16 (4.88)	357	(532)	5717	(2593)	0.09 (2.3)	5323	(2414)	0.13 (3.4)	2929	(1329)	0.13 (3.2)	1953	(886)	0.12 (3)
20 (6.1)	282	(420)	5648	(2562)	0.18 (4.5)	4672	(2119)	0.23 (5.9)	2862	(1298)	0.24 (6.2)	1908	(865)	0.23 (5.7)
24 (7.32)	232	(345)	5571	(2527)	0.30 (7.7)	3867	(1754)	0.34 (8.5)	2613	(1185)	0.39 (9.8)	1742	(790)	0.36 (9.1)
30 (9.14)	177	(263)	5299	(2404)	0.57 (14.6)	3035	(1377)	0.53 (13.4)	2274	(1031)	0.67 (16.9)	1516	(688)	0.62 (15.8)
32 (9.75)	160	(237)	5106	(2316)	0.67 (17.1)	2824	(1281)	0.60 (15.3)	2118	(961)	0.76 (19.2)	1412	(641)	0.71 (18)
40 (12.19)	109	(162)	4363	(1979)	1.16 (29.4)	2181	(989)	0.95 (24.1)	1636	(742)	1.18 (30)	1091	(495)	1.11 (28.1)
48 (14.63)	72	(108)	3476	(1577)	1.67 (42.4)	1738	(788)	1.38 (35)	1304	(591)	1.70 (43.2)	869	(394)	1.60 (40.6)
50 (15.24)	66	(98)	3295	(1494)	1.81 (46)	1647	(747)	1.50 (38.1)	1235	(560)	1.85 (46.9)	824	(374)	1.73 (44)
Load per applied point														

NOTES :

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