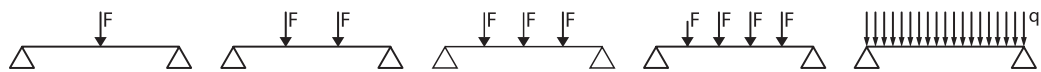


Description	Specification
External dimensions (height x width)	292 mm x 260. mm
Distance between axis	239 mm
Lenghtways tubes	Extruded aluminium EN AW 6082 T6 - Ø50x2 mm
Crossways tubes	Extruded aluminium EN AW 6082 T6 - Ø18x2 mm
Connecting plate	Cast aluminium EN AC 42200 T6
Welding process	TIG -141 / ISO 4063
Available lenght (cm)	10.5 - 21 - 25 - 50 - 100 - 150 - 200 - 250 - 300 - 350 - 400
Connection systems	TXFC - TXSM10

Section Area [mm ²]	Moment of inertia Y - axis [mm ⁴]	Moment of inertia Z - axis [mm ⁴]	Selfweight (approx.) [N/m]
905	7.544.900	7.449.500	50



Span [m]	Centre Point Load (C.P.L.)			Third Point Load (T.P.L.)			Quarter Point Load (Q.P.L.)			Fifth Point Load (F.P.L.)			Uniformly Distributed Load (U.D.L.)		
	Point Load [kg]	Full Load [kg]	Central Deflection [mm]	Point Load [kg]	Full Load [kg]	Central Deflection [mm]	Point Load [kg]	Full Load [kg]	Central Deflection [mm]	Point Load [kg]	Full Load [kg]	Central Deflection [mm]	Load [kg/m]	Full Load [kg]	Central Deflection [mm]
1	1306	1310	0,4	830	1661	0,5	638	1913	0,5	506	2025	0,5	2025	2025	0,4
2	784	784	2	534	1068	2	433	1300	3	338	1351	3	919	1837	3
3	556	556	5	390	779	6	297	891	6	237	948	7	418	1253	7
4	427	427	9	305	610	11	225	676	12	181	726	12	236	945	13
5	345	345	15	249	498	18	180	540	18	146	584	19	150	751	20
6	288	288	22	210	419	27	149	447	27	121	486	28	103	618	29
7	245	245	30	179	359	37	127	380	37	104	415	38	74	519	39
8	213	213	40	156	313	49	109	327	48	90	359	50	56	448	51
9	186	186	51	137	274	63	95	284	61	79	314	64	43	387	65
10	164	164	64	121	243	78	84	251	75	69	276	78	34	341	80
11	145	145	78	109	218	96	74	222	91	61	246	96	27	301	97
12	130	130	94	97	194	114	66	198	109	55	219	114	22	267	115
13	116	116	111	87	175	135	59	176	128	49	196	134	18	239	136
14	104	104	130	79	157	158	53	158	149	44	175	156	15	214	157
15	93	93	151	71	142	183	47	140	171	39	157	180	13	189	179
16	83	83	174	64	127	208	42	127	197	35	139	204	10	166	202

Load table has been prepared in accordance with UNI ENV 1999-1-1 (Eurocode 9).

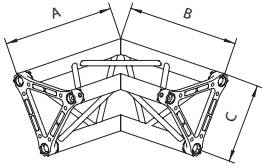
When calculating the allowable loads shown in the table, it is assumed that the trusses are simply supported at the end connection and that static loads will be applied to the node points.

The application of the load shall be on the centre line of the truss.

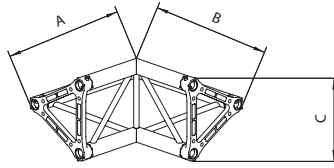
The values shown in the table are the allowable statics loads that can be applied to the truss. This is the live load or the payload.

The self weight of the truss has been taken into account when calculating the values in the table.

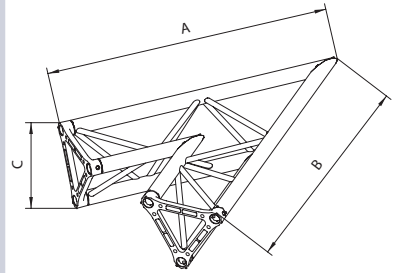
It should be noted that this is idealised loading condition and the User shall re-analyze the truss for the loading condition which prevail for the application begin considered.



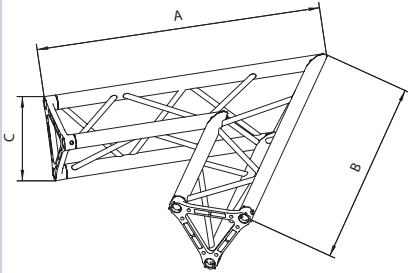
TX30SL2090



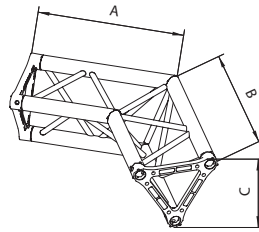
TX30SL2090E



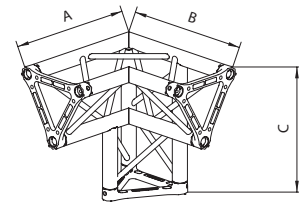
TX30SL2045



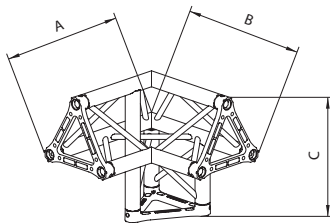
TX30SL2060



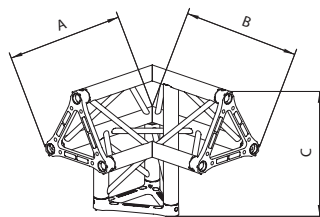
TX30SL2120



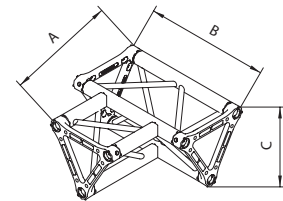
TX30SL3L



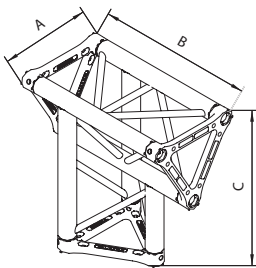
TX30SL1LU



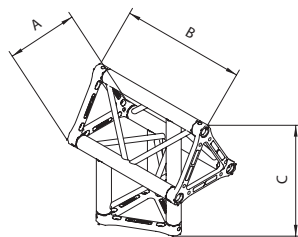
TX30SL3RU



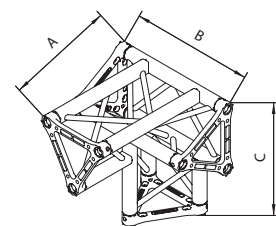
TX30ST3



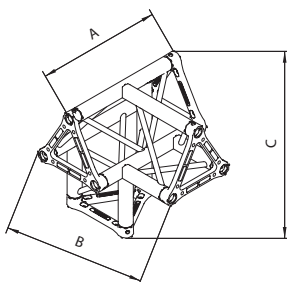
TX30ST3F



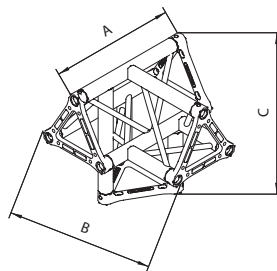
TX30ST3FU



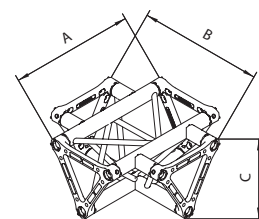
TX30ST4



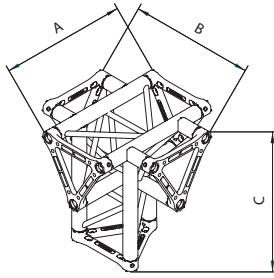
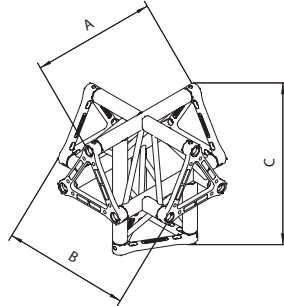
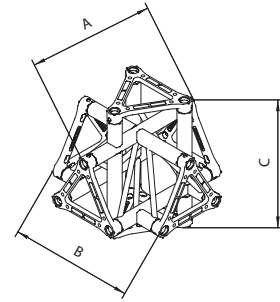
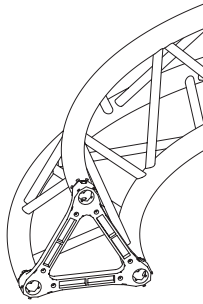
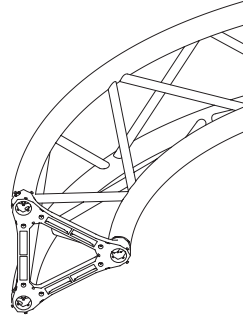
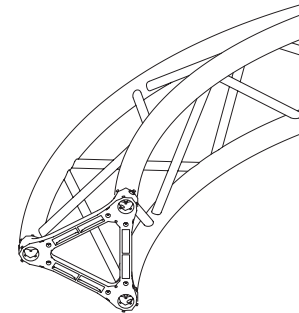
TX30ST4FU



TX30ST4LU



TX30SX4


TX30SX5

TX30SX5NU

TX30SX6

T = VERTEX ON TOP

TI = INTERNAL VERTEX

TE = EXTERNAL VERTEX

	Dimensions (cm)	Weight (Kg)
TX30S010M5	29x26x10.5	2.30
TX30S021	29x26x21	2.60
TX30S025	29x26x25	2.70
TX30S050	29x26x50	3.70
TX30S100	29x26x100	5.40
TX30S150	29x26x150	7.20
TX30S200	29x26x200	9.00
TX30S250	29x26x250	10.70
TX30S300	29x26x300	12.50
TX30S350	29x26x350	14.20
TX30S400	29x26x400	16.00

CORNERS	Dimensions A,B,C (cm)	Weight (Kg)
TX30SL2045	100x100x26	6.90
TX30SL2045I	100x100x29	6.90
TX30SL2060	100x100x26	7.00
TX30SL2060I	100x100x29	7.10
TX30SL2090	50x50x26	4.40
TX30SL2090I	50x50x29	4.50
TX30SL2120	50x50x26	4.60
TX30SL2120I	50x50x29	4.90
TX30SL2135	50x50x26	4.90
TX30SL2135I	50x50x29	5.00
TX30SL3L	50x50x50	6.50
TX30SL3LU	50x50x50	6.30
TX30SL3R	50x50x50	6.40
TX30SL3RU	50x50x50	6.30
TX30ST3	50x50x26	5.50
TX30ST3F	29x50x50	5.80
TX30ST3FU	29x50x50	5.50
TX30ST4	50x50x50	7.50
TX30ST4RU	50x50x50	7.80
TX30ST4LU	50x50x50	7.80
TX30SX4	50x50x26	6.20
TX30SX5	50x50x50	8.40
TX30SX5NU	50x50x50	8.60
TX30SX6	50x50x50	9.30

RINGS

Curves, rings and ellipses are available on demand

Minimum diameter 2 m

Diameter measurement external

Weight per meter (aprox.) 5 Kg