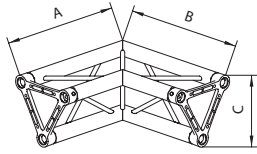


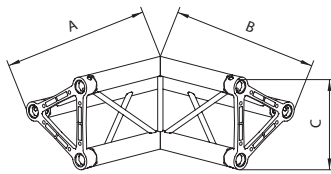
Description		Specification			
External dimensions (height x width)		250 mm x 225 mm			
Distance between axis		200 mm			
Lengthways tubes		Extruded aluminium EN AW 6005 T6 - Ø50x1.5 mm			
Crossways tubes		Extruded aluminium EN AW 6060 T6 - Ø14x1,5 mm			
Connecting plate		Cast aluminium EN AC 42200 T6			
Welding process		TIG -141 / ISO4063			
Available length (cm)		12.5 - 25 - 50 - 100 - 150 - 200 - 250 - 300 - 350 - 400			
Connection systems		TXFC - TXSM8			
Section Area	Moment of inertia Y - axis	Moment of inertia Z - axis	Selfweight (approx.)		
[mm ²]	[mm ⁴]	[mm ⁴]	[N/m]		
686	4.075.505	4.020.032	30		

Span [m]	entre Point Load (C.P.L.)			Third Point Load (T.P.L.)			Quarter Point Load (Q.P.L.)			Fifth Point Load (E.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	467	467	0,3	233	467	0,2	156	467	0,2	117	467	0,2	467	467	0,2
2	352	352	2	227	455	2	155	464	2	116	464	2	232	464	1
3	260	260	4	174	348	5	140	420	6	113	450	6	154	461	5
4	205	205	8	141	281	10	113	338	11	88	353	11	115	458	12
5	168	168	14	117	234	16	91	273	17	72	287	18	76	381	19
6	141	141	20	99	199	24	76	227	26	60	240	26	53	320	28
7	121	121	28	86	172	34	64	193	35	51	204	36	39	270	39
8	105	105	38	75	150	45	56	167	47	44	178	47	29	231	51
9	92	92	49	66	132	58	48	144	59	39	154	60	22	200	64
10	81	81	61	59	117	73	42	127	74	34	136	75	18	176	80
11	71	71	75	53	105	91	37	111	89	30	121	92	14	154	96
12	63	63	91	47	93	109	33	98	106	27	107	110	11	133	113
13	56	56	109	41	83	129	29	87	126	24	95	130	9	116	131
14	50	50	128	37	74	151	26	78	148	21	83	150	7	104	154

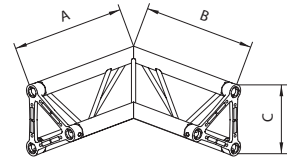
Load table has been prepared in accordance with UNI ENV 1999-1-1 (Eurocode 9).
 When calculating the allowable loads shown in the table, it is assumed that the trusses are simply supported at the end connection and that static loads will be applied to the node points.
 The application of the load shall 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.



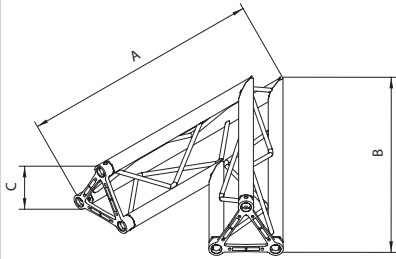
TX25SL2090



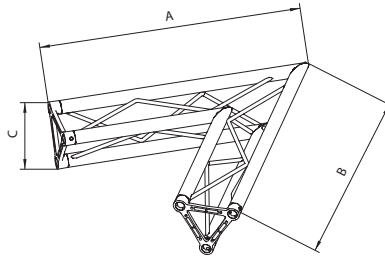
TX25SL2090E



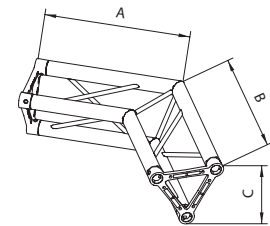
TX25SL2090I



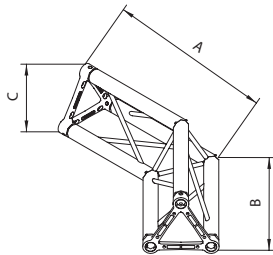
TX25SL2045



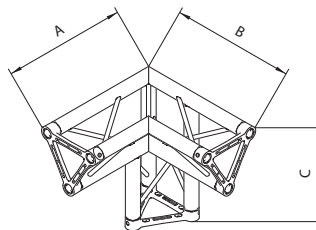
TX25SL2060



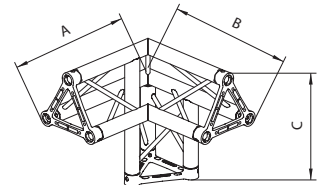
TX25SL2120



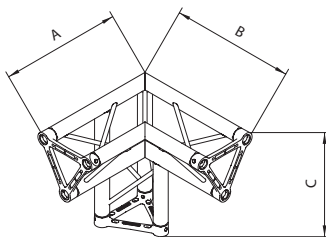
TX25SL2135



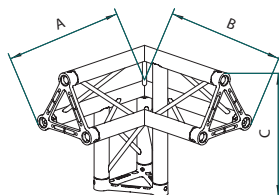
TX25SL3L



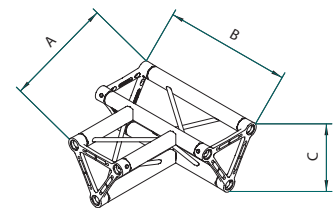
TX25SL\LU



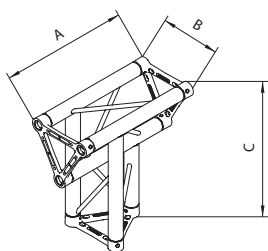
TX25SL3R



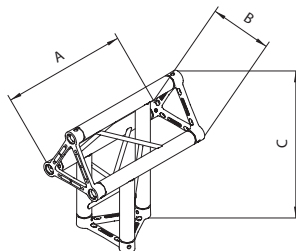
TX25SL3RU



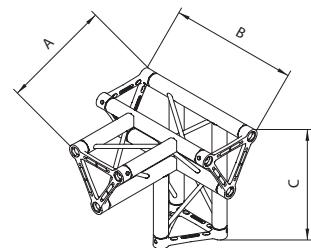
TX25ST3



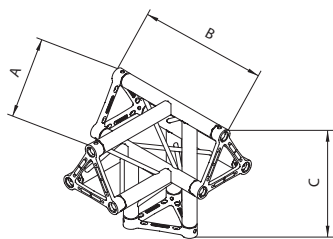
TX25ST3F



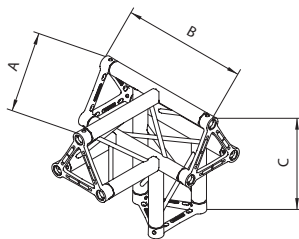
TX25ST3FU



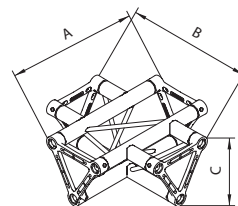
TX25ST4



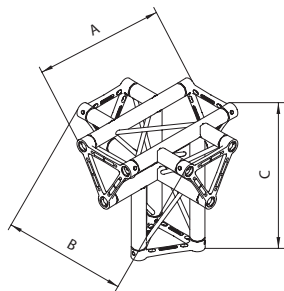
TX25ST4RU



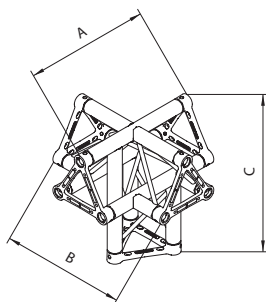
TX25ST4LU



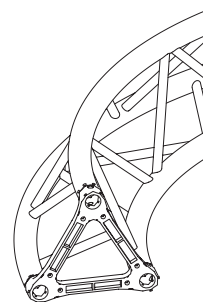
TX25SX4



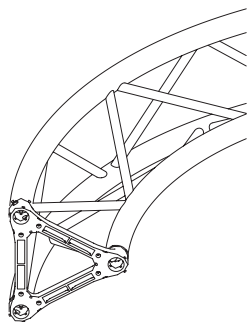
TX30SX5



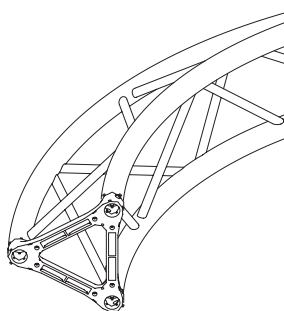
TX30SX5NU



T = VERTEX ON TOP



TI = INTERNAL VERTEX



TE = EXTERNAL VERTEX

CORNERS

Code	Dimensions AxBxC (cm)	Weight (Kg)
TX25SL2045	100x100x22.5	4.60
TX25SL2060	100x100x22.5	4.80
TX25SL2090	50x50x22.5	3.10
TX25SL2090I	50x50x25	3.00
TX25SL2090E	50x50x25	3.00
TX25SL2120	50x50x22.5	3.00
TX25SL2135	50x50x22.5	3.10
TX25SL3L	50x50x50	4.20
TX25SL3LU	50x50x50	4.10
TX25SL3R	50x50x50	4.20
TX25SL3RU	50x50x50	4.10
TX25ST3	50x50x22.5	3.40
TX25ST3F	50x25x50	3.60
TX25ST3FU	50x25x50	3.50
TX25ST4	50x50x50	4.80
TX25ST4RU	50x50x50	4.90
TX25ST4LU	50x50x50	4.90
TX25SX4	50x50x22.5	4.00
TX25SX5	50x50x50	6.10
TX25SX5NU	50x50x50	6.10

TRUSS

Code	Dimensions (cm)	Weight (Kg)
TX25S012M5	25x22.5x12.5	1.30
TX25S025	25x22.5x25	1.60
TX25S050	25x22.5x50	2.20
TX25S100	25x22.5x100	3.60
TX25S150	25x22.5x150	4.80
TX25S200	25x22.5x200	5.80
TX25S250	25x22.5x250	7.00
TX25S300	25x22.5x300	8.10
TX25S350	25x22.5x350	9.50
TX25S400	25x22.5x400	10.60

RINGS

Curves, rings and ellipses are available on demand	
Minimum diameter	2 m
Diameter measurement	external
Weight per meter	(aprox.) 3 Kg