



Description	Specification
External dimensions (height x width)	292 mm x 292 mm
Distance between axis	239 mm x 239 mm
Lengthways tubes	Extruded aluminium EN-AW 6082 T6 – Ø50x3 mm
Crossways tubes	Extruded aluminium EN-AW 6082 T6 – Ø30x3 mm
Connecting plate	Cast aluminium EN AC 47000
Welding process	TIG (UNI8634 / DIN4113)
Available length [cm]	10,5 – 21 - 25 – 50 – 100 – 150 – 200 – 250 – 300 – 350 - 400

Section Area [mm ²]	Moment of Inertia Y – axis [mm ⁴]	Moment of Inertia Z – axis [mm ⁴]	Allowable bending moment Y – axis [kNm]	Allowable bending moment Z – axis [kNm]	Selfweight (approx.) [N/m]
1772	25.472.864	25.472.864	9,03	9,03	76,0

QD30 uniformly distributed load												QD30 centre point load																
Deflection [mm]												Deflection [mm]																
Truss length [mm]	6	7	8	9	10	11	12	13	14	15	16	17	Truss length [mm]	6	7	8	9	10	11	12	13	14	15	16	17			
Load [Kg/m]	240	23												Load [Kg]	600	15												
	220	21													560	14												
	200	19													520	13	21											
	180	17	31												480	12	19											
	160	15	28												440	11	18	26										
	140	13	24	42											400	10	16	24	34									
	120	11	21	38											360	9	14	21	30	42								
	100	9	17	30	48										320	8	13	19	27	37	49	64						
	80	8	14	24	38	58	85								280	7	11	17	24	33	43	56	71					
	60	6	10	18	29	44	64	90	120						240	6	10	14	20	28	37	48	61	76	94			
	40	4	7	12	19	29	42	60	83	111	147				200	5	8	12	17	23	31	40	51	64	78	95	114	
	20	2	3	6	10	15	21	30	41	56	73	95	121		160	4	6	10	14	19	25	32	41	51	63	76	91	

These technical data are not valid for circular truss.
 These technical data are valid only for structures entirely assembled with Litec materials.