



Description	Specification
External dimensions (height x width)	400 mm x 400 mm
Distance between axis	350 mm x 350 mm
Lengthways tubes	Extruded aluminium EN-AW 6082 T6 - Ø50x3mm
Crossways tubes	Extruded aluminium EN-AW 6082 T6 - Ø30x3mm
Connecting plate	Cast aluminium EN AC 47000
Welding process	TIG (UNI8634 / DIN4113)
Available length [cm]	10 - 25 - 50 - 100 - 150 - 200 - 250 - 300 - 350 - 400

Section Area [mm <sup>2</sup> ]	Moment of Inertia Y - axis [mm <sup>4</sup> ]	Moment of Inertia Z - axis [mm <sup>4</sup> ]	Allowable bending moment Y - axis [kNm]	Allowable bending moment Z - axis [kNm]	Selfweight (approx.) [N/m]
1772	53.897.500	53.897.500	13,04	13,04	93,2

<b>QD40S uniformly distributed load</b>														<b>QD40S centre point load</b>																																									
Bending [mm]														Bending [mm]																																									
Truss length [mm]	6	7	8	9	10	11	12	13	14	15	16	18	19	Truss length [mm]	6	7	8	9	10	11	12	13	14	15	16	18	19																												
Load [Kg/m]	360	16																									Load [Kg]	800	9	14																									
	330	14																											750	9	13																								
	300	13																												700	8	12	19																						
	270	12	21																											650	8	12	18																						
	240	10	19																											600	7	11	16	23																					
	210	9	16	28																										550	6	10	15	21	29	38																			
	180	8	14	24																										500	6	9	14	19	26	35																			
	150	6	12	20	32																									450	5	8	12	17	24	31	40	51																	
	120	5	9	16	26	39																								400	5	7	11	15	21	28	36	45	56																
	90	4	7	12	19	29	43	60																						350	4	6	9	13	18	24	31	40	49	60	73														
	60	3	5	8	13	20	29	40	55	74	97																			300	3	5	8	12	16	21	27	34	42	52	62	88	103												
	30	1	2	4	6	10	14	20	28	37	48	62	99	122																250	3	4	7	10	13	17	22	28	35	43	52	73	86												

You can find in the catalogue the available dimensions of truss and respective weights.  
 These technical data are not valid for circular truss.  
 These technical data are valid only for structures entirely assembled with Litec materials.

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