



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 - Ø50x2mm
Crossways tubes	Extruded aluminium EN-AW 6060 T6 - Ø25x2mm
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 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]
1206	36.759.359	36.759.359	8,89	8,89	65,2

QX40 uniformly distributed load														QX40 centre point load															
Deflection [mm]														Deflection [mm]															
Truss length [m]	6	7	8	9	10	11	12	13	14	15	16	17	18	Truss length [m]	6	7	8	9	10	11	12	13	14	15	16	17	18		
Load [Kg/m]	240	16													Load [Kg]	600	10												
	220	14														560	10												
	200	13														520	9	14											
	180	12	22													480	8	13											
	160	10	19													4408	8	12	18										
	140	9	17	29												400	7	11	17	24									
	120	8	15	25												360	6	10	15	21	29								
	100	7	12	21	33											320	6	9	13	19	26	34	45						
	80	5	10	17	27	40	59									280	5	8	12	17	23	30	39	50	62				
	60	4	7	12	20	30	44	63	87							240	4	7	10	14	19	26	34	43	53	65	79		
	40	3	5	8	13	20	30	42	58	78	102					200	3	6	8	12	16	22	28	36	44	55	66	79	94
	20	1	2	4	7	10	15	21	29	39	51	66	84	106		160	3	4	7	9	13	17	22	28	35	44	53	64	75

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