



Description	Specification
External dimensions (height x width)	402 mm x 355 mm
Distance between axis	350 mm
Lenghtways tubes	Extruded aluminium EN-AW 6082 T6 - Ø50x2mm
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 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]
1329	26.979.424	26.979.424	5,67	5,03	67,2

TD40S uniformly distributed load													TD40S centre point load													
Bending [mm]													Bending [mm]													
Truss length [m]	6	7	8	9	10	11	12	13	14	15	16	17	Truss length [m]	6	7	8	9	10	11	12	13	14	15	16	17	
Load [Kg/m]	160	14											Load [Kg]	400	9											
	140	12												350	8	13										
	120	10	19											300	7	11	17	24								
	100	9	16	27										250	6	9	14	20	27							
	80	7	13	22	34									200	5	8	11	16	22	29	38	45				
	60	5	10	16	26	39								150	4	6	8	12	16	22	28	36	45	56	67	81
	40	3	6	11	17	26	38	53	73					100	2	4	6	8	11	15	19	24	30	37	45	54
	20	2	3	5	9	13	19	27	37	49	64	83		105	50	1	2	3	4	5	7	9	12	15	19	22

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