Technical Specifications - S100F	
Types	Folding (F)
Alloy	EN AW 6082 T6
Main Tubes (Chords)	50 x 4 mm
Braces	48 x 3 mm
Coupling System	CCS7

Type		S100F	
Allowable Normal Force in Main Chord	N	41,62	kN
Allowable Normal Force in Diagonals	N	33,93	kN
Surface area Complete Truss	A	23,12	cm^2
Moment of Inertia Y-axis	Iy	44396,3	cm^4
Moment of Inertia Z-axis	Iz	--	cm^4
Allowable bending moment Y-axis	My	79,08	kNm
Allowable bending moment Z-axis	Mz	--	kNm
Allowable shear force Z-axis	Qz/Vz	12,0	kN
Allowable shear force Y-axis	Qy/Vy	--	kN
Self-weight	kg	18	kg/m

S100F - Standard available Lengths and Codes		
Metres	**Feet**	**Code**
0.50/1.00 m in 5 mm steps	0.82'/3.28', in 0.2' steps	
0,74	3.28	S100F-L074
0,80	2.62	S100F-L080
1,20	3.94	S100F-L120
1,60	5.25	S100F-L160
2,40	7,87	S100F-L240
Other Lenghts on request		