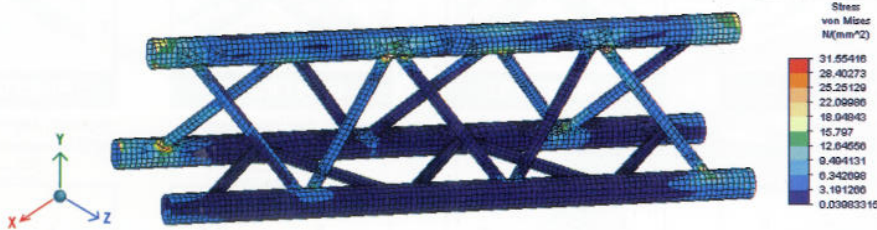


RAPID series

TRIO

Load Case: 1 of 1
 Maximum Value: 31.5542 N/(mm²) - Minimum Value: 0.0398332 N/(mm²)



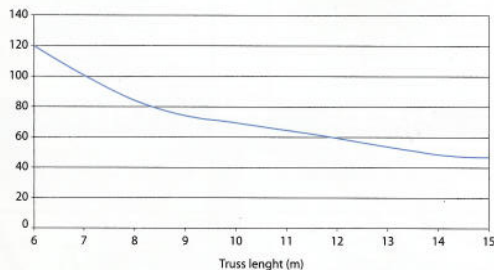
Concentrated load applied to the middle

load Kg	deflection (mm)												
	3	4	5	6	7	8	9	10	11	12			
240													
220	4												
200	4												
180	3	8											
160	3	7											
140	3	6	12										
120	2	5	10	18									
100	2	4	9	15	24								
80	1	4	7	12	19	28	40						
60	1	3	5	9	14	21	30	41	55	72			
40	1	2	3	6	9	14	20	28	37	48			
20	0	1	2	3	5	7	10	14	18	24			
truss length (m)	3	4	5	6	7	8	9	10	11	12			

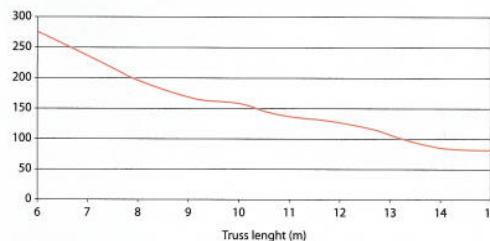
Evenly distributed load

load Kg/m	deflection (mm)												
	3	4	5	6	7	8	9	10	11	12			
120	4												
110	4												
100	3	11											
90	3	10											
80	3	9											
70	2	8	19										
60	2	7	16										
50	2	6	13	28									
40	1	4	11	22									
30	1	3	8	17	31	53							
20	1	2	5	11	21	35	57	86					
10	0	1	3	6	10	18	28	43	63	90			
truss length (m)	3	4	5	6	7	8	9	10	11	12			

PLRT - Total concentrated load applied to the middle (Kg)

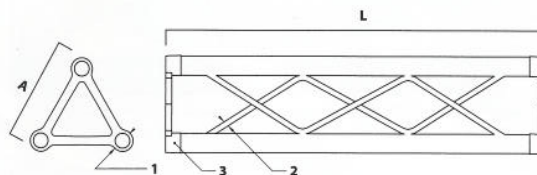


PLRT - Total evenly distributed load (Kg)



Code	Description	A (cm)	L (cm)
PLRTC012	linear compensation truss	25	12,5
PLRTC025	linear compensation truss	25	25
PLRT005	linear truss	25	50
PLRT010	linear truss	25	100
PLRT015	linear truss	25	150
PLRT020	linear truss	25	200
PLRT025	linear truss	25	250
PLRT030	linear truss	25	300
PLRT035	linear truss	25	350
PLRT040	linear truss	25	400

- 1 - Lengthways tubes extruded aluminium ø 50 x 1,5 mm
- 2 - Crossways tubes extruded aluminium ø 14 x 1,5 mm
- 3 - Connection plate cast aluminium



Specifiche tecniche
 Technical specifications

La truss a sezione trian-
 da 25 cm di lato present
 tipi di connessione: una
 con ogive, spine e
 (PLDSET02PLUS), l'altra c
 e dadi (PLDSET01).

Struttura in alluminio es
 6005 T6 con tubi correi
 50 mm di diametro e 1,5
 spessore.

Le diagonali interne sono
 continuo con alluminio e
 6060 T6 di diametro da 1
 e spessore 1,5 mm.

I terminali piastra son
 fusione di alluminio SG Al.
 La soluzione della greca
 tinua rende la struttura g
 vole e ne consente l'im
 anche in ambienti di p
 dimensioni.

The triangular section
 with 25 cm long side s
 features two kinds of connec
 by means of spigots, pin
 split pins for quick connec
 code **PLTSET02PLUS**, an
 means of nuts and bolts,
PLTSET01.

The structure is mad
 extruded aluminium 600
 featuring transverse sec
 with a 50mm diameter
 1,5 mm thickness.

Diagonal braces are a
 tinuous line and are ma
 extruded aluminium 606
 with a 14 mm diameter
 1,5 mm thickness.

The end-plates are made o
 aluminium SG AISi 12

The solution of the uninter
 fret pattern gives the struc
 good aesthetic impact: as s
 can also be used in small