

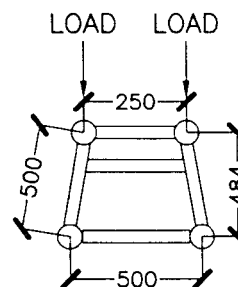
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Project	HEAVY DUTY ALLOY STACKING TRUSS LOAD CHARTS	Page:	METRIC TRUSS
	138 - 146 BROWNS RD, NOBLE PARK	Ref:	4728
Client	BROWNS WELDING Pty Ltd	Designed:	GN
		Date:	MAR 04

HEAVY DUTY ALLOY STACKING TRUSS ALLOWABLE LOAD CHART



SPAN (m)	ALLOWABLE UNIFORM LOAD kgs	ALLOWABLE POINT LOAD kgs	
3	7706	6096	SINGLE TRUSS SEGMENT TRUSS SEGMENTS CONNECTED TOGETHER USING SINGLE 16 DIA. CASE HARDENED STEEL LOCKING PIN THROUGH FABRICATED ALUMINIUM COUPLERS.
6	2709	1309	
9	1715	789	
12	1186	506	
15	856	313	
18	605	170	

NOTES:

- 1.- ABOVE LOADS TAKEN FROM COMPUTATIONS & COMPUTER ANALYSIS CARRIED OUT IN ACCORDANCE WITH A.S. 1664 - ALUMINUM STRUCTURES CODE
- 2.- ABOVE LOADINGS ARE BASED ON INTERNAL USAGE ONLY
ie. WIND LOADS NOT CONSIDERED.
- 3.- ALL MEMBERS CONSTRUCTED FROM GRADE 6061-T6 ALUMINUM ALLOY
- 4.- ALL WELDS TO BE MIN. 5mm FILLET WELDS FILLER ALLOY 5356
- 5.- ASSEMBLED TRUSS TO BE SUPPORTED ON EITHER TOP OR BOTTOM CHORDS AT EACH END.
- 6.- ALL LOADS SHOULD BE LOCATED AT NODE POINTS ie. THE INTERSECTION OF VERTICAL MEMBERS WITH THE HORIZONTAL CHORDS
- 7.- THE ASSEMBLED STRUCTURE IS TO BE ADEQUATELY BRACED SO AS TO PREVENT RACKING.
- 8.- THE LOADINGS SPECIFIED ABOVE ARE IN ADDITION TO THE SELF WEIGHT OF THE TRUSS
- 9.- REMOVABLE BRACING BAR TO BE INSTALLED AT ALL TIMES DURING IN - SERVICE USE.
- 10.- TRUSS TO BE ORIENTATED AS PER SKETCH DURING IN - SERVICE USE, WITH LOAD APPLIED IN DIRECTION INDICATED.