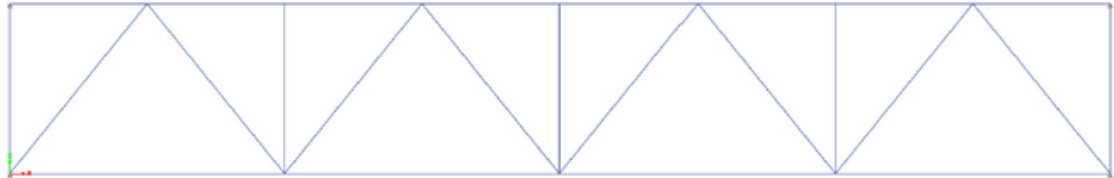


20.5" Box Truss

Allowable Loading Conditions



20 1/2" x 20 1/2" MEDIUM DUTY TRUSS										
SPAN	UNIFORM LOAD		CENTRE POINT		1/3 POINTS		1/4 POINTS		1/5 POINTS	
	LOAD (plf)	Δ (in)	LOAD (lbs)	Δ (in)	LOAD (lbs)	Δ (in)	LOAD (lbs)	Δ (in)	LOAD (lbs)	Δ (in)
10'	520	0.04	4500	0.06	2250	0.05	1525	0.04	1120	0.03
15'	327	0.07	4500	0.12	2250	0.09	1525	0.10	1120	0.08
20'	225	0.10	4500	0.22	2250	0.20	1525	0.14	1120	0.12
25'	175	0.16	4500	0.33	2250	0.33	1525	0.27	1120	0.20
30'	142	0.25	4500	0.50	2250	0.36	1525	0.34	1120	0.35
35'	120	0.35	4270	0.69	2020	0.51	1480	0.53	1100	0.48
40'	110	0.50	3600	0.82	2020	0.70	1435	0.66	1075	0.64

NOTES:

MAIN CHORDS 2" OD x 1/8" 6061 T6 ALUMINUM

DIAGONAL CHORDS 1" OD x 1/8" 6061 T6 ALUMINUM

END GUSSET PLATES 2 1/2" x 3/8" 6061 T6 ALUMINUM FLAT BAR c.w. 5/8" Ø GRADE 8 BOLT

MINIMUM 4043 WELD ALLOY

LOADING AT PANEL POINTS ONLY

LOADING IN ACCORDANCE WITH NBCC, LIVE LOAD FACTOR OF 1.5

Standard Size Truss	
Product Code	Description
2020BT14	14 ft. Section
2020BT12	12 ft. Section
2020BT11	11 ft. Section
2020BT10	10 ft. Section
2020BT8	8 ft. Section
2020BT7	7 ft. Section
2020BT6	6 ft. Section
2020BT5	5 ft. Section
2020BT4	4 ft. Section
2020BT3	3 ft. Section
2020BT2	2 ft. Section
2020BT1	1 ft. Section

20.5" x 20.5" Corner Blocks	
Product Code	Description
2020CB/4	4 Way Corner Block
2020CB/5	5 Way Corner Block
2020CB/6	6 Way Corner Block
20.5" x 30" Corner Blocks	
Product Code	Description
2030CB/4	4 Way Corner Block
2030CB/5	5 Way Corner Block
2030CB/6	6 Way Corner Block
20.5" x 30" Truss	
Product Code	Description
2030BT/5	20.5" x 30" x 5' Box Truss
2030CB/5	20.5" x 30" x 10' Box Truss