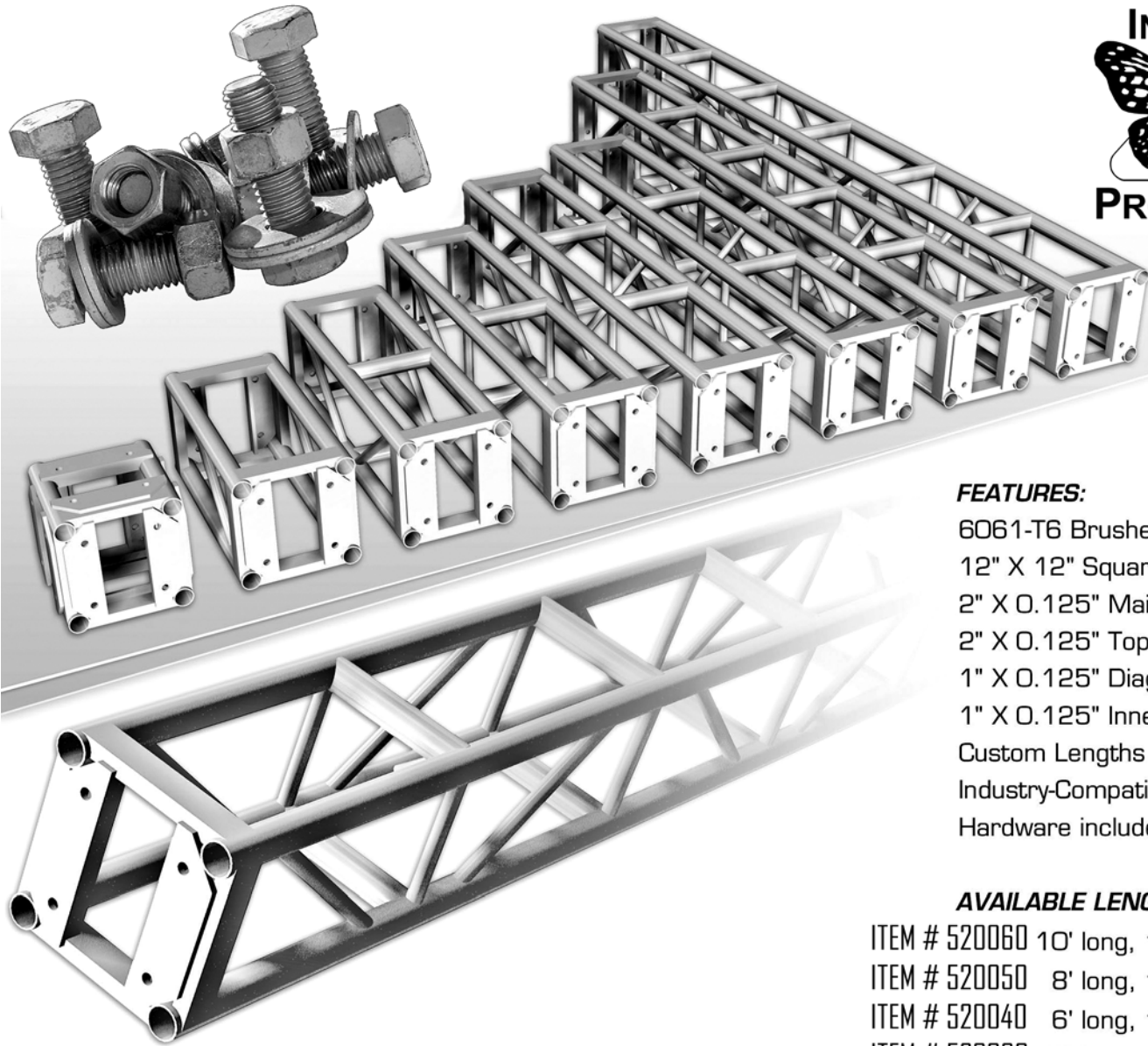


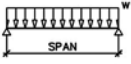
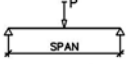
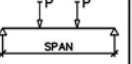
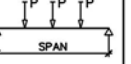


FEATURES:

6061-T6 Brushed Aluminum
 12" X 12" Square
 2" X 0.125" Main Tube
 2" X 0.125" Top & Bottom Brace
 1" X 0.125" Diagonal Brace
 1" X 0.125" Inner Cross Brace
 Custom Lengths Available
 Industry-Compatible
 Hardware included

AVAILABLE LENGTHS:

ITEM # 520060 10' long, 12" x 12"
 ITEM # 520050 8' long, 12" x 12"
 ITEM # 520040 6' long, 12" x 12"
 ITEM # 520030 5' long, 12" x 12"
 ITEM # 520020 4' long, 12" x 12"
 ITEM # 520010 3' long, 12" x 12"
 ITEM # 520001 2' long, 12" x 12"
 ITEM # 510001 3-Way Corner Block
 ITEM # 510010 4-Way Corner Block
 ITEM # 510020 5-Way Corner Block
 ITEM # 510030 6-Way Corner Block

 ALLOWABLE LOADS									
NOTE: THE MAXIMUM LOAD PER ONE SIDE OF THE TRUSS (SEE ELEVATION (A)) SHALL NOT EXCEED ONE-HALF OF THE TABULATED LOAD ON THIS TABLE									
SPAN ft (m)	MAXIMUM ALLOWABLE UNIFORM LOAD (w)			MAXIMUM ALLOWABLE POINT LOADS (P)					
									
	LOAD lbs/ft	LOAD lbs (kg)	MAX DEFL. in	LOAD lbs (kg)	MAX DEFL. in	LOAD lbs (kg)	MAX DEFL. in	LOAD lbs (kg)	MAX DEFL. in
10 (3.05)	472	4720 (2141)	0.69	2710 (1229)	0.68	1744 (791)	0.70	1110 (503)	0.73
20 (6.1)	115	2300 (1043)	0.70	1206 (547)	0.61	888 (403)	0.73	633 (287)	0.73
30 (9.14)	60	1800 (816)	1.66	880 (399)	1.35	600 (272)	1.53	428 (194)	1.59
40 (12.2)	31	1240 (562)	2.73	580 (263)	2.12	442 (200)	2.66	308 (140)	2.58

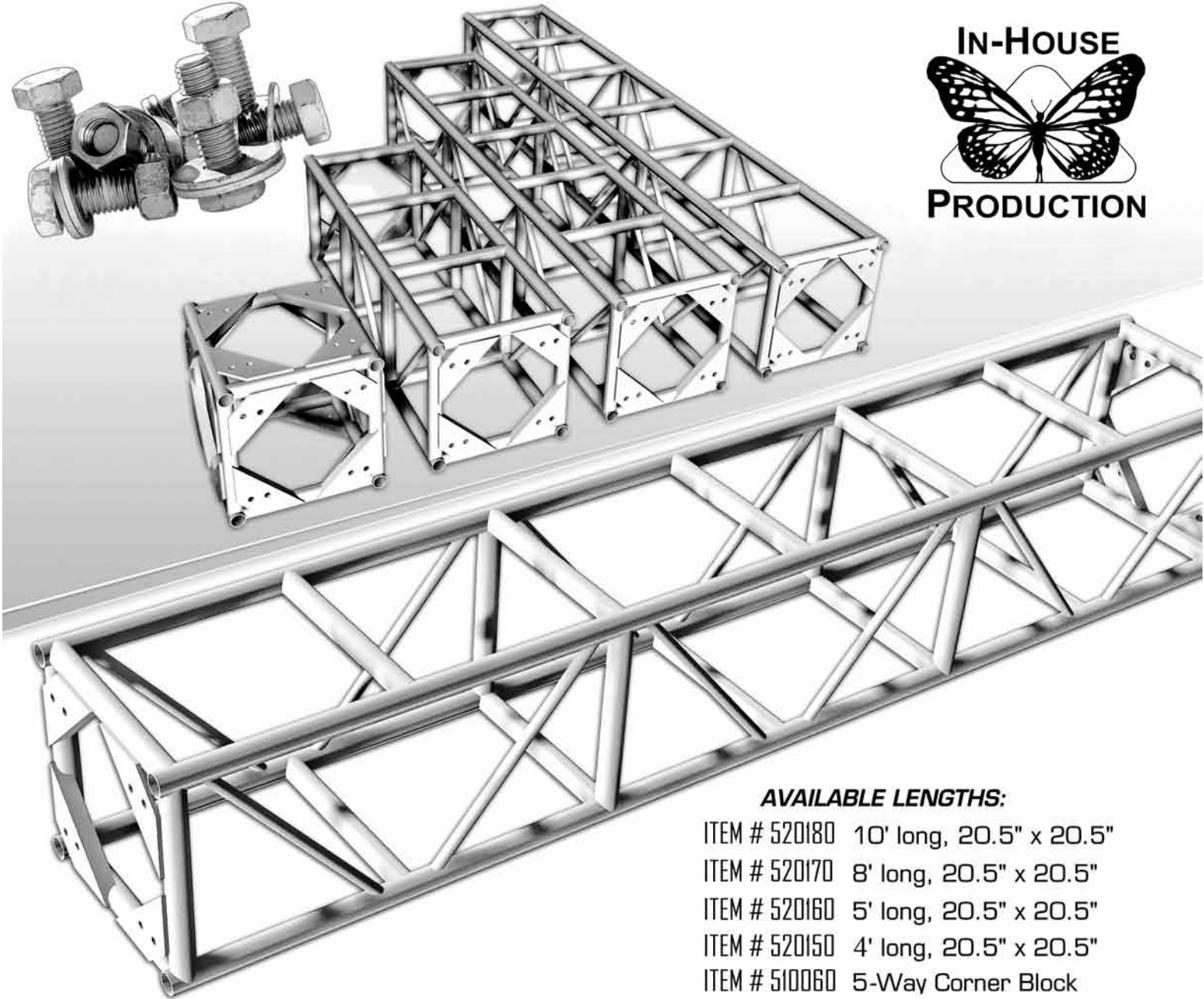
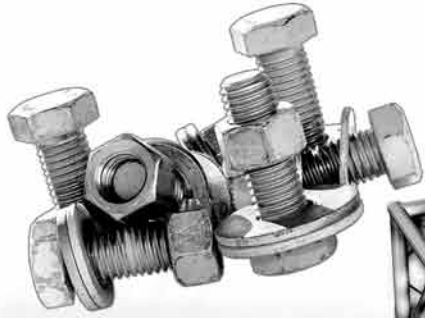
- NOTES:**
- 1) THE DESIGN OF THE ALUMINUM TRUSS ON THIS DRAWING IS BASED ON THE REQUIREMENTS OF THE CHAPTER 20 - ALUMINUM - CBC 2007.
 - 2) FABRICATION AND ERECTION OF THE ALUMINUM TRUSS SHALL COMPLY WITH THE GUIDELINES OF THE SECTION 6 OF ALUMINUM DESIGN MANUAL 2005.
 - 3) ALL MEMBERS SHALL BE ALUMINUM ALLOY 6061-T6 TEMPER.
 - 4) THE FILLER ALLOY FOR WELDING SHALL BE IN COMPLIANCE WITH MIN 5554 WELDING RODS.
 - 5) FOR THE LOAD CAPACITY OF THE TRUSS FOR 10', 20', 30' & 40' SPANS, SEE TABLE .
 - 6) ALL BOLTS WITH STANDARD WASHERS SHALL CONFORM TO SAE J429 GRADE 8.



[Industry-Compatible]



[2" X 0.125" Main Tube]



AVAILABLE LENGTHS:

- ITEM # 520180 10' long, 20.5" x 20.5"
- ITEM # 520170 8' long, 20.5" x 20.5"
- ITEM # 520160 5' long, 20.5" x 20.5"
- ITEM # 520150 4' long, 20.5" x 20.5"
- ITEM # 510060 5-Way Corner Block

FEATURES:

- 6061-T6 Brushed Aluminum
- 20.5" X 20.5" Square
- 2" X 0.125" Main Tube
- 2" X 0.125" Top & Bottom Brace
- 1" X 0.125" Diagonal Brace
- 1" X 0.125" Inner Cross Brace
- Custom Lengths Available
- Industry-Compatible
- Hardware included

ALLOWABLE LOADS FOR TRUSSES BEING ERECTED AS SHOWN ON ELEVATION VIEW											
NOTE: 1) THE MAXIMUM LOAD PER ONE SIDE OF THE TRUSS (SEE ELEVATION (A)) SHALL NOT EXCEED ONE-HALF OF THE TABULATED LOAD ON THIS TABLE.											
2) MAX POINT LOAD ATTACHED TO THE MEMBER (C) CAN NOT EXCEED 2100 LBS.											
SPAN ft (m)	MAXIMUM ALLOWABLE UNIFORM LOAD (w)			MAXIMUM ALLOWABLE POINT LOADS (P)							
	SPAN			SPAN		SPAN		SPAN		SPAN	
	LOAD lbs/ft	LOAD lbs (kg)	MAX DEFL in	LOAD lbs (kg)	MAX DEFL in	LOAD lbs (kg)	MAX DEFL in	LOAD lbs (kg)	MAX DEFL in	LOAD lbs (kg)	MAX DEFL in
10 (3.05)	840	8400 (3810)	0.14	4745 (2152)	0.14	3450 (1565)	0.16	2270 (1030)	0.17		
20 (6.1)	230	4600 (2087)	0.42	2308 (1046)	0.35	1729 (784)	0.43	1153 (523)	0.40		
30 (9.14)	105	3150 (1429)	0.87	1510 (684)	0.72	1120 (508)	0.88	810 (367)	0.84		
40 (12.2)	55	2200 (998)	1.52	1080 (490)	1.22	800 (363)	1.51	540 (245)	1.44		
50 (15.2)	35	1750 (794)	2.49	820 (372)	1.96	580 (263)	2.29	420 (191)	2.37		

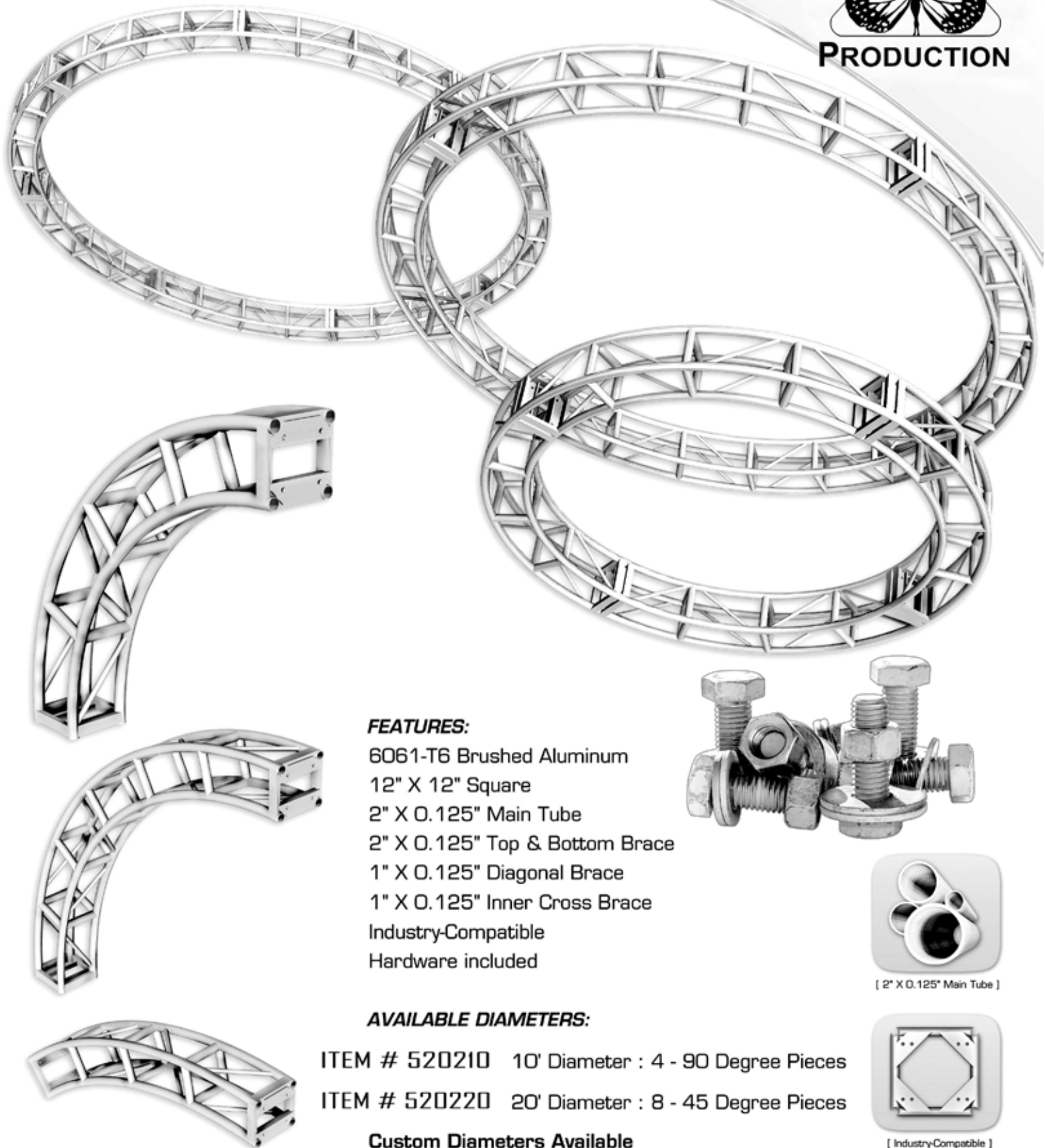
- NOTES:**
- 1) THE DESIGN OF THE ALUMINUM TRUSS ON THIS DRAWING IS BASED ON THE REQUIREMENTS OF THE CHAPTER 20 - ALUMINUM - CBC 2007.
 - 2) FABRICATION AND ERECTION OF THE ALUMINUM TRUSS SHALL COMPLY WITH THE GUIDELINES OF THE SECTION 6 OF ALUMINUM DESIGN MANUAL 2005.
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[Industry-Compatible]



[2" X 0.125" Main Tube]



FEATURES:

6061-T6 Brushed Aluminum
12" X 12" Square
2" X 0.125" Main Tube
2" X 0.125" Top & Bottom Brace
1" X 0.125" Diagonal Brace
1" X 0.125" Inner Cross Brace
Industry-Compatible
Hardware included

AVAILABLE DIAMETERS:

ITEM # 520210 10' Diameter : 4 - 90 Degree Pieces

ITEM # 520220 20' Diameter : 8 - 45 Degree Pieces

Custom Diameters Available

[2" X 0.125" Main Tube]

[Industry-Compatible]