

VULCAN FRAME STYLE AERIAL MARKERS

Vulcan's Frame Style Aerial Markers are the original industry standard. They provide maximum flexibility with adjustable sizing for various plate messages, allowing for easy field installation. Numerous mounting options are available and frame material choices include aluminum and steel.

TECHNICAL SPECIFICATIONS



VULCAN FRAME STYLE
AERIAL MARKER

- ALUMINUM FRAMES ARE FABRICATED FROM 1" AND 1 1/2" X 1/8" ALUMINUM ANGLE ALLOY 6063-T5.
- STEEL FRAMES ARE FABRICATED FROM HOT ROLLED STEEL AND ARE HOT DIP GALVANIZED AFTER FABRICATION.
- CUSTOM FABRICATION OF ANY SIZE MARKER AVAILABLE UPON REQUEST.

CHEMICAL COMPOSITION OF ALUMINUM AERIAL FRAMES

ALLOY	SI		FE		CU		MN	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
6063	0.20	0.60	0.35	—	0.10	—	0.10	—
6061	0.80	0.40	0.70	—	0.40	0.15	0.15	—
6005	0.90	0.60	0.35	—	0.10	—	0.10	—
6105	1.00	0.60	0.35	—	0.10	—	0.15	—
BALANCE IS ALUMINUM								

CHEMICAL COMPOSITION OF ALUMINUM AERIAL FRAMES

ALLOY	MG		CR		ZN		TI		OTHERS	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	EACH MAX	TOTAL MAX
6063	0.90	0.45	0.10	—	0.10	—	0.10	—	0.05	0.15
6061	1.20	0.80	0.35	0.04	0.25	—	0.15	—	0.05	0.15
6005	0.60	0.40	0.10	—	0.10	—	0.10	—	0.05	0.15
6105	0.80	0.45	0.10	—	0.10	—	0.10	—	0.05	0.15
BALANCE IS ALUMINUM										

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TECHNICAL SPECIFICATIONS

MECHANICAL PROPERTIES OF VULCAN AERIAL FRAMES

LOT #	MINIMUMS	WEBSTER	TENSILE STRENGTH LBS/SQ IN.	YIELD STRENGTH LBS/SQ IN.	ELONG % IN 2"
6063 - T5	UP THRU WALL THICKNESS .500"	7	22.00	16.00	8
	.501"-1.000" WALL THICKNESS	7	21.00	15.00	8
6063 -T6	UP THRU WALL THICKNESS .124"	12	30.00	25.00	8
	.125"-1.000 WALL THICKNESS	12	30.00	25.00	10
6061- T6	UP THRU WALL THICKNESS .249"	14	38.00	35.00	8
	.250 WALL THICKNESS AND OVER	14	38.00	35.00	10
6005 - T5	UP THRU WALL THICKNESS .124"	14	38.00	35.00	8
	.125"-1.000" WALL THICKNESS	14	38.00	35.00	10

AERIAL PLATE DATA

DECIMAL AND CHANGE OF DIRECTION PLATES

- STANDARD THICKNESS OF ALUMINUM FOR NUMBER PLATES IS .050". OTHER THICKNESSES AVAILABLE.
- OTHER SIZES AVAILABLE: 6X9, 6X12, 9X16, 12X24, 18X24.
- FOR MORE INFORMATION ON THE MANUFACTURING PROCESS OF OUR ALUMINUM SIGNS, REFER TO THE SPECIFICATION SHEET FOR VULCAN ALUMINUM LINE MARKER SIGNS.

TWO MOST COMMON SIZES



12 x 16



45° RIGHT



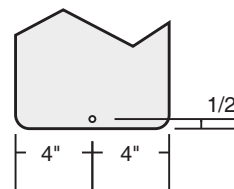
INTERSECTION



90° LEFT



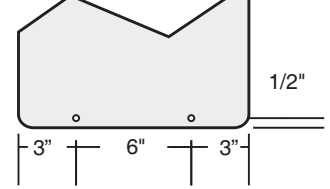
8 x 16
12" character



1/4" diameter holes



12 x 16
12" character



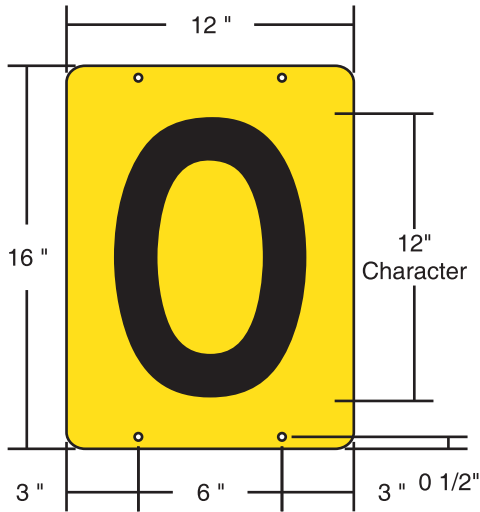
1/4" diameter holes



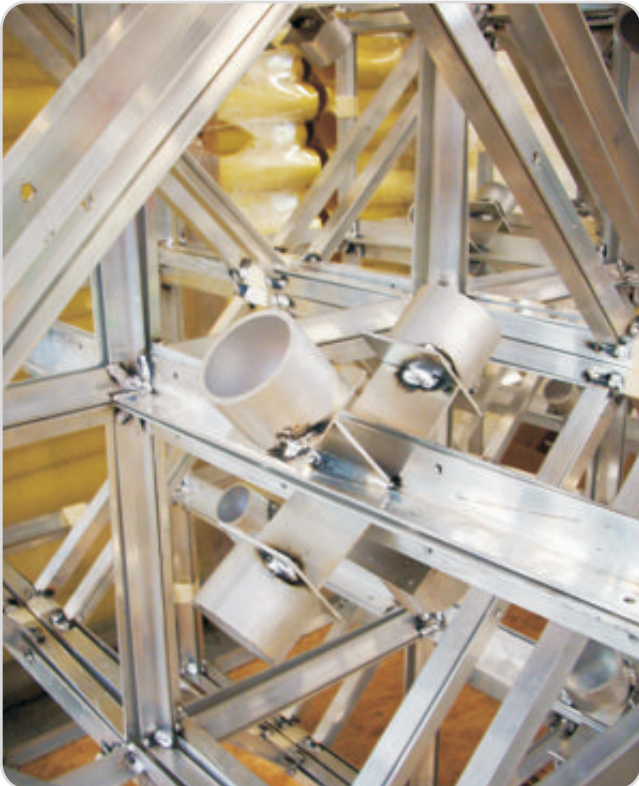
VULCAN
UTILITY SIGNS
Mark It To Protect It

VULCAN FRAME STYLE AERIAL MARKERS

TECHNICAL SPECIFICATIONS



STANDARD HOLE PUNCH SPECIFICATIONS



WELDED AERIAL MARKER FRAMES
PACKED FOR SHIPPING



MADE IN THE USA