

MINIMUM NUMBER OF FASTENERS AND MOUNTING HOLES REQUIRED PER LETTER AND NUMBER FOR REMOVAL LEGEND

MODIFIED SERIES "E"	LETTER NUMBER HEIGHT	METAL THICKNESS	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	0	1	2	3	4	5	6	7	8	9
	24"	0.063"	8	9	7	9	9	7	7	9	4	5	8	6	12	10	8	7	8	9	7	6	7	7	10	7	6	8	8	5	8	7	9	8	7	6	8	7
20"	0.063"	5	8	5	6	8	6	6	7	3	4	6	5	7	7	6	6	6	7	6	5	6	5	9	6	6	8	6	3	7	6	7	8	6	5	6	6	
18"	0.063"	5	6	5	6	8	6	5	7	3	4	6	5	7	7	6	6	6	6	6	5	6	5	9	5	4	8	6	3	7	5	7	6	6	5	6	6	
16"	0.063"	5	6	5	6	8	5	5	7	3	4	6	5	7	5	6	5	6	6	5	4	5	5	7	5	4	5	6	3	6	5	5	6	5	5	5	5	
15"	0.063"	5	5	4	5	5	4	5	5	3	3	5	4	7	5	4	5	4	5	5	4	5	5	7	5	4	5	4	3	5	5	7	6	5	4	5	5	
13.33"	0.063"	5	6	4	5	6	5	5	6	3	4	6	4	7	7	4	5	4	6	5	4	5	5	7	5	4	5	4	3	5	5	7	6	5	4	5	5	
12"	0.040"	5	5	4	5	6	4	4	6	3	3	5	4	7	5	4	5	4	6	5	4	5	5	7	5	4	5	4	3	5	5	5	5	4	4	5	4	
10.67"	0.040"	4	4	4	3	5	4	4	4	2	3	4	3	5	4	4	3	4	4	4	3	4	3	5	4	3	4	4	2	4	4	3	4	4	3	4	4	
10"	0.040"	4	4	4	3	5	4	4	4	2	3	4	3	5	4	4	3	4	4	4	3	4	3	5	4	3	4	4	2	4	4	3	4	4	3	4	4	
8"	0.040"	3	4	4	3	5	4	4	4	2	3	4	3	5	4	4	3	4	4	4	3	3	3	5	4	3	4	4	2	4	4	3	4	4	3	4	4	
6"	0.040"	3	4	3	3	5	4	3	4	2	3	4	3	4	4	4	3	3	4	4	3	3	3	5	4	3	4	4	2	4	4	3	5	3	3	4	3	

MODIFIED SERIES "E"	LETTER HEIGHT	METAL THICKNESS	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
	18"	0.063"	7	7	5	7	6	5	7	7	6	7	7	4	9	6	6	7	7	4	5	5	6	5	8	6	6	7
15"	0.063"	6	5	4	5	5	5	7	6	5	6	6	3	9	6	4	5	5	4	5	5	6	5	8	5	5	5	
12"	0.040"	4	5	4	5	4	3	5	5	5	5	5	3	7	5	4	5	5	4	4	5	5	5	7	5	5	5	
10"	0.040"	4	5	4	5	4	3	5	5	4	5	5	3	6	4	4	5	5	3	4	5	4	3	5	4	4	5	
8"	0.040"	4	3	3	3	4	3	3	4	3	4	4	3	5	4	3	3	3	3	4	4	4	3	5	4	4	4	
6"	0.040"	3	3	3	3	4	2	3	4	3	3	4	2	5	4	4	3	3	3	4	2	3	3	5	4	3	4	
4 1/2"	0.040"	4	3	3	3	4	2	3	4	3	3	4	2	6	4	4	3	3	3	3	2	3	3	5	4	3	4	

NOTES:
Tables are provided to determine the minimum number of fasteners (and drilled holes for fasteners) required for a single cutout letter or number. Letters and numbers shall be sheet aluminum of the thickness shown in table. Sheet aluminum shall be ATSM B-209, Alloy 6061-T6 or 3003-H14. Fasteners shall be aluminum self-plugging front entry expanding rivet 1/8" diameter.

STANDARD SERIES	LETTER NUMBER HEIGHT	METAL THICKNESS	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	0	1	2	3	4	5	6	7	8	9
	SERIES 'B' - 4"	0.040"	3	2	2	2	2	2	3	4	2	2	4	2	4	4	2	2	2	3	2	2	3	3	4	4	3	2	2	2	2	2	3	2	2	2	2	2
SERIES 'C' - 4"	0.040"	3	2	2	2	4	2	2	4	2	2	4	3	4	4	2	2	2	4	2	2	3	3	4	4	3	2	2	2	2	2	3	2	2	2	2	2	
SERIES 'C' - 8"	0.040"	3	4	4	4	5	4	4	4	2	3	4	3	5	4	4	4	4	4	4	3	4	3	5	4	3	4	4	2	4	4	3	4	4	3	4	4	
SERIES 'D' - 4"	0.040"	3	2	2	2	2	2	2	4	2	2	4	2	4	4	2	2	2	3	2	2	3	3	4	4	3	2	2	2	2	2	3	2	2	2	2	2	
SERIES 'D' - 8"	0.040"	3	4	4	4	5	4	4	4	2	3	4	3	5	4	4	4	4	4	4	3	3	3	5	4	3	4	4	2	4	4	3	4	4	3	4	4	

NO.	DATE	REVISIONS	BY	APP'D.
2	11-14-68	Revised	RJ	AFT
1	3-2-65	Revised	JR	JEB

KANSAS DEPARTMENT OF TRANSPORTATION
FASTENERS FOR REMOVABLE CUTOUT LETTERS AND NUMBERS (REFLECTIVE SHEETING)

SHEET NO. 84 OF 143
SCALE: _____
DESIGNED: _____ QUANTITIES: _____
DETAILS: _____ QUAN. CK: _____ TRACED: _____