

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	
	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	
	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	
	SERIES 'D' - 4"	0.040"	3	2	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	3	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	

3	11-14-68	Revised	RV	AET
2	3-2-65	Revised	JRJ	JEB
NO	DATE	REVISIONS	BY	APP'D
KANSAS DEPARTMENT OF TRANSPORTATION				
FASTENERS FOR				
REMOVABLE				
CUTOUT LETTERS AND NUMBERS				
(REFLECTIVE SHEETING)				
SHEET NO. 84	OF 143	SCALE	APP'D.	
DESIGNED	DETAILED	QUANTITIES	TRACED	
DESIGN CK.	DETAIL CK.	QUAN. CK.	TRACE CK.	