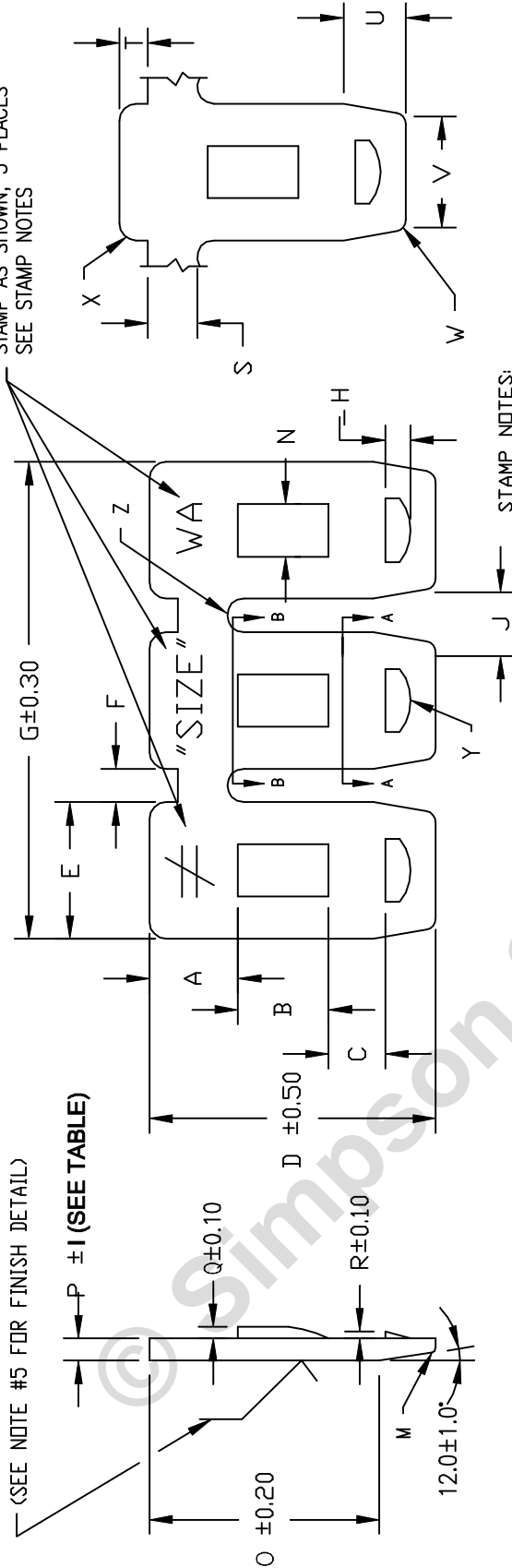


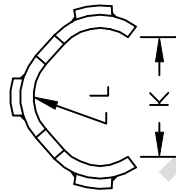
STAMP AS SHOWN, 3 PLACES
SEE STAMP NOTES



STAMP NOTES:

1. STAMP NO EQUAL SYMBOL ON LEFT LOBE. REFER TO "STAMP: NO EQUAL" DRAWING FOR DIMENSIONS OF "NO EQUAL" SYMBOL.
2. SEE ROW "SIZE" IN TABLE FOR MIDDLE LOBE STAMP INFORMATION
3. STAMP "WA" FOR PRODUCT NAME ON RIGHT LOBE

FORMED CLIP



(MEASURED PRIOR TO FORMING AROUND STUD)

UNLESS OTHERWISE NOTED:

1. ALL DIMENSION TOLERANCES IN MM.
2. DIMENSION TOLERANCE IS ± 0.30 .
3. CLIP SHALL SPIN FREELY ON STUD AFTER FINAL FORMING.
4. NO SHARP EDGES OR BURRS ANYWHERE ON THE INSIDE OF THE CLIP AFTER FORMING.
5. SURFACE FINISH (UNPLATED) BETWEEN RIBS AS FOLLOWS:

Ra, max = $1.9 \mu\text{m}$

Ra, mean = $1.4 \mu\text{m}$

INSPECTION CRITERIA:

VISUAL	DIMENSIONAL
1. NO BURRS OR SHARP EDGES	1. DIM "D"
2. PLATING (IF APPLICABLE)	2. DIM "Q"
	3. COIN ANGLE
	4. DIM "D"
	5. DIM "P"

SPECIFICATION REFERENCES:

MANUFACTURED IN HOUSE	OUTSOURCED
MSS-WA006 (CARB. STEEL)	PSS-WA005
PSS-WA002 (ZINC PLATE)	
PSS-WA003 (MECH. GALV.)	

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A	7/11/13	ADD FINISH, REV. TABLES & NOTE	JW
REV.	DATE	DESCRIPTION	APPR. BY
SIMPSON STRONG-TIE CO., INC.			
TITLE: PRODUCTION DRAWING			
DRAWN BY: JOEL HOUCK			
SCALE: 1:1	CHK:	DATE: 2/16/11	
REV. A	MODEL NO.: WA_CLIP_M	WA_CLIP_M	

NO	FINISH	C06	C08	C10	C12	C16	C20
CARBON STEEL	ZINC PLATED	C06Z	C08Z	C10Z	C12Z	C16Z	C20Z
	MECH. GALV.	C06MG	C08MG	C10MG	C12MG	C16MG	C20MG
	NO FINISH	C06SS	C08SS	C10SS	C12SS	C16SS	C20SS
	FINISH	A	B	C	D	E	F
STAINLESS STEEL	FINISH	4.50	5.00	5.50	6.50	7.00	7.50
		3.20	4.00	5.00	5.70	7.50	8.00
		2.50	2.80	3.20	4.80	4.00	9.50
		12.50	15.00	16.80	20.20	22.60	29.60
		4.20	5.50	7.06	8.62	11.94	16.02
		1.00	1.50	1.80	2.00	2.50	2.70
		14.60	19.80	24.78	29.86	41.20	53.46
		1.00	1.20	1.50	1.70	2.00	2.50
		0.05	0.06	0.07	0.07	0.08	0.08
		2.40	3.00	3.50	4.00	5.00	5.50
		MIN 5.00	MIN 6.50	MIN 8.20	MIN 9.30	MIN 12.60	MIN 15.80
		R2.30	R3.05	R3.90	R4.45	R6.10	R7.70
		R0.10	R0.20	R0.40	R0.60	R0.80	R1.00
		1.40	2.00	2.50	3.00	3.50	4.00
		9.90	11.80	13.80	16.80	18.90	25.90
		0.80	1.00	1.20	1.50	1.80	2.00
		0.30	0.80	0.80	0.90	1.00	1.00
		0.40	0.50	0.50	0.60	0.70	0.70
		2.60	3.20	3.75	4.50	5.00	5.00
		2.00	2.50	2.75	3.00	3.00	3.00
		3.00	3.40	3.80	3.70	4.60	5.60
		2.60	3.68	5.02	6.64	9.48	13.02
		R0.60	R1.00	R1.50	R2.00	R3.00	R4.00
		R1.50	R1.50	R2.00	R2.00	R2.50	R2.50
		R2.40	R2.50	R2.50	R3.00	R3.50	R4.00
		R0.50	R0.75	R0.90	R1.00	R1.25	R1.35
		M6	M8	M10	M12	M16	M20

MODEL NO.: WA_CLIP_M