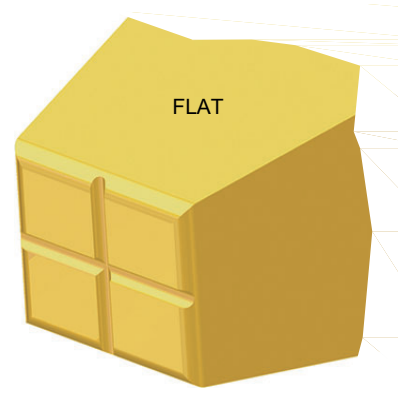
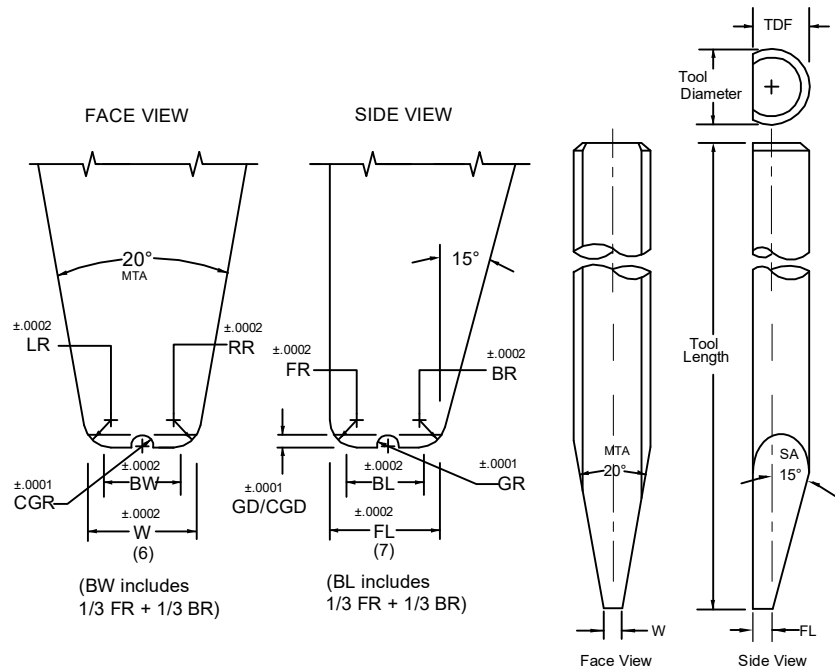


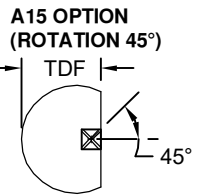
SERIES F-106A Four Sides Radius Tab Tool with Double Cross Groove



MTA = MAIN TAPER ANGLE
SA = SIDE VIEW ANGLE

Special dimensions available upon request.
Dimensions not shown please specify.

We recommend ceramic material for all gold wire bonding for optimum results.



	TD		TDF	
	in.	mm	in.	mm
1/16	.0624	1.59	.0460	1.17
	.0784	1.99	.0630	1.60
3/32	.0937	2.38	.0880	2.24
	.1180	3.00	.0985	2.50
1/8	.1249	3.17	.0937	2.38
1/8	.1249	3.17	.1180	3.00

SAMPLE PART NUMBER: M-F-106A-1/16-1-.004X.004-M-E-E-.001-*

- SYMBOL EXPLANATION:**
- | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1. MATERIAL: | | | | | | | | | | | 12. Tool Option: |
| M = Ceramic | | | | | | | | | | | Please specify |
| C = Tungsten Carbide | | | | | | | | | | | MTA, A15 or see |
| T = Titanium | | | | | | | | | | | Tool Options |
| All other: Material Selection Guide Tool Tips | | | | | | | | | | | |
| 2. SERIES: F | | | | | | | | | | | |
| 3. STYLE: 106A | | | | | | | | | | | |
| 4. TOOL DIAMETER: Please specify | | | | | | | | | | | |
| 5. TOOL LENGTH: Please specify | | | | | | | | | | | |
| 6. BOND WIDTH: (BW) Please specify | | | | | | | | | | | |
| 7. BOND LENGTH: (BL) Please specify (includes 1/3 FR + 1/3 BR) | | | | | | | | | | | |
| | | | | | | | | | | | 11. WIRE Ø: |
| | | | | | | | | | | | Please specify |
| | | | | | | | | | | | Wire Ø / Groove Ratios: |
| | | | | | | | | | | | GR/CGR=60° of wire Ø |
| | | | | | | | | | | | GD/CGD=35° of wire Ø |
| | | | | | | | | | | | 10. LEFT/RIGHT RADIUS: |
| | | | | | | | | | | | See Option Chart below. |
| | | | | | | | | | | | 9. FRONT/BACK RADIUS: |
| | | | | | | | | | | | See Option Chart below. |
| | | | | | | | | | | | 8. FOOT FINISH: |
| | | | | | | | | | | | M = Matte, better coupling |
| | | | | | | | | | | | for thermosonic gold bonding |
| | | | | | | | | | | | P = Polished FR, BR, & Bond Flat |
| | | | | | | | | | | | for thermocompression gold bonding |
| | | | | | | | | | | | MP= Polished FR, BR, and Matte Bond Flat. |
| | | | | | | | | | | | For ultrasonic aluminum bonding. |

RADIUS OPTION CHART	OPTION LETTER		A	B	C	D	E	F	G	H	I	J	K	L	M	N
	FRONT RADIUS	LEFT RADIUS	in.	.0005	.0005	.0010	.0010	.0010	.0015	.0015	.0015	.0015	.0020	.0020	.0020	.0020
	FR	LR	μ	13	13	25	25	25	38	38	38	38	51	51	51	51
	BACK RADIUS	RIGHT RADIUS	in.	0	.0005	0	.0005	.0010	0	.0005	.0010	.0015	0	.0005	.0010	.0015
BR	RR	μ	0	13	0	13	25	0	13	25	38	0	13	25	38	51