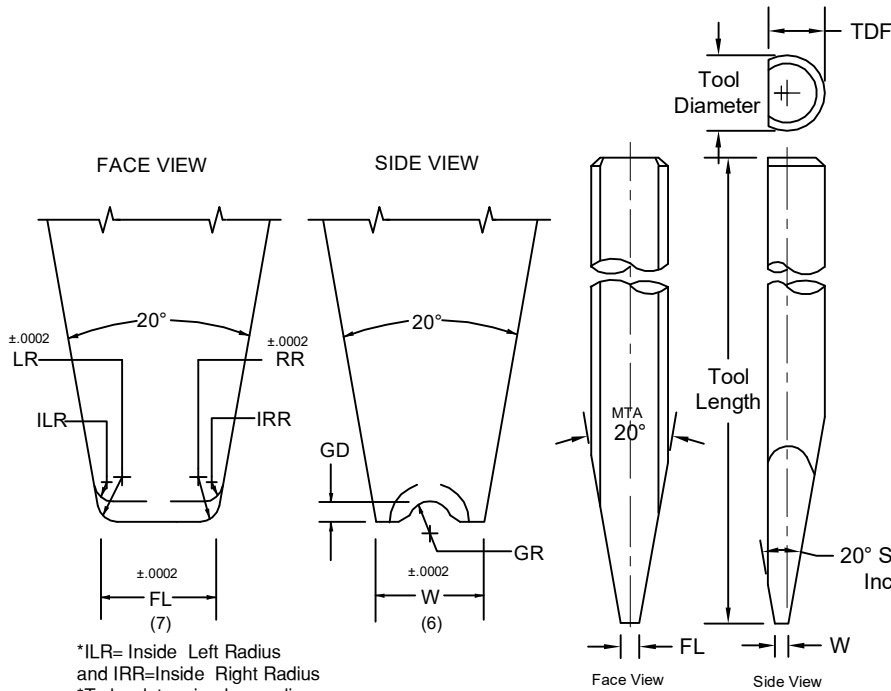


# SERIES F-108 Tab Tool for Bonding Insulated Wire

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\*ILR= Inside Left Radius  
 and IRR=Inside Right Radius  
 \*To be determined according  
 to the Size of the Groove Radius "GR"

Standard: Wire Side Feed  
 Optional: Wire Feed to Flat insert **TF** In place 11.  
 TF=To Flat (Groove 90° rotated)

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
	.1249	3.17	.1180	3.00

## SAMPLE PART NUMBER: M-F-108-1/16-1-.004X.007-M-E-.001-\*

**SYMBOL EXPLANATION:**

1	2	3	4	5	6	7	8	9	10	11
<b>1. MATERIAL:</b> _____										
M = Ceramic C = Tungsten Carbide T = Titanium All other: See Material Selection Guide										
<b>2. SERIES:</b> F _____										
<b>3. STYLE:</b> 108 _____										
<b>4. TOOL DIAMETER:</b> Please specify _____										
<b>5. TOOL LENGTH:</b> Please specify _____										
<b>6. FOOT WIDTH: (W)</b> Please specify _____										
<b>7. FOOT LENGTH: (FL)</b> Please specify _____										
<b>8. FOOT FINISH:</b> 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.										
<b>9. LEFT/RIGHT RADIUS:</b> See Option Chart below.										
<b>10. WIRE Ø:</b> Please specify wire diameter GR=60% of wire diameter GD=50% of wire diameter										
<b>11. OPTIONS</b> TF=To Flat										

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