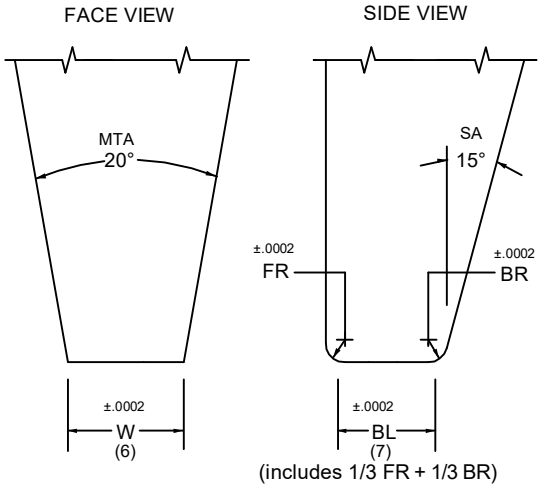
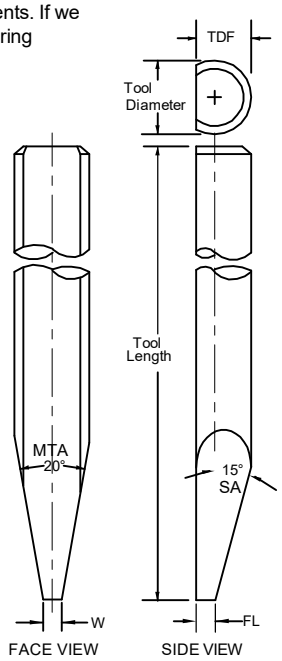
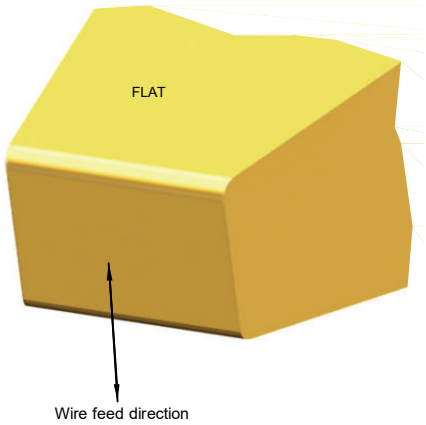
SERIES F-101

Standard Tab Tool

This style of tool has no feed hole and is used on very small pads. Usually manual Bonders are used. The wire is first positioned over the bonding pad area then the wedge is lowered onto the wire to make the bond. This operation can be thermo compression, thermosonic, or ultrasonic type bonding. We have tried to cover most bonding styles in this series for your requirements. If we have not shown a style for your needs please contact the Engineering Department for your custom design.







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-101-1/16-1-.004X.004-M-E

SYMBOL EXPLANATION: 1 2 3 4 5 6 7 8 9

1. **MATERIAL:**
   M = Ceramic
   C = Tungsten Carbide
   T = Titanium
   All other: See Material Selection Guide
2. **SERIES: F**
3. **STYLE: 101**
4. **TOOL DIAMETER:** Please specify
5. **TOOL LENGTH:** Please specify
6. **FOOT WIDTH: (W)** Please specify
7. **BOND LENGTH: (BL)** Please specify (includes 1/3 FR + 1/3 BR)
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.
9. **FRONT/BACK RADIUS:** See Option Chart below.

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

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