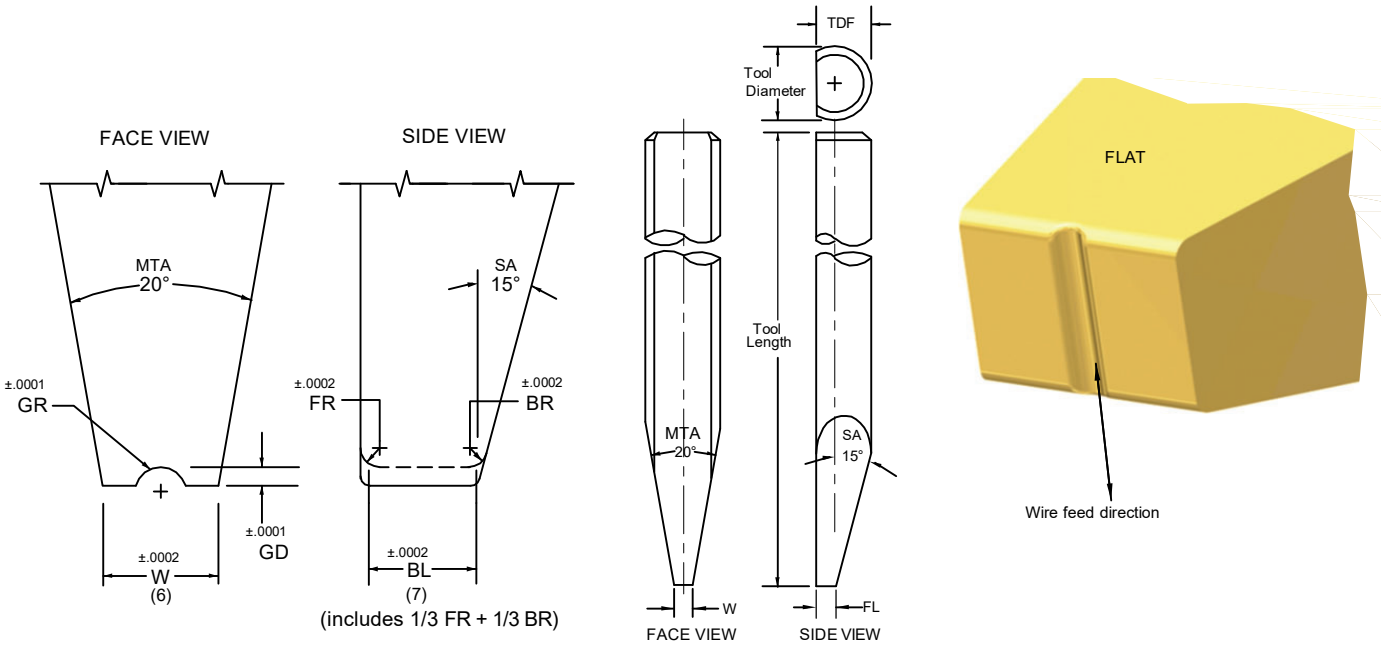
SERIES F-102

Tab Tool with Groove in Wire Direction



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-102-1/16-1-.004X.004-M-E-.001
SYMBOL EXPLANATION: 1 2 3 4 5 6 7 8 9 10

1. **MATERIAL:**
   M = Ceramic
   C = Tungsten Carbide
   T = Titanium
   All other: See Material Selection Guide
2. **SERIES:** F
3. **STYLE:** 102
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.
10. **WIRE:** Specify wire diameter:
    GR=60% of wire diameter
    GD=35% of wire diameter

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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