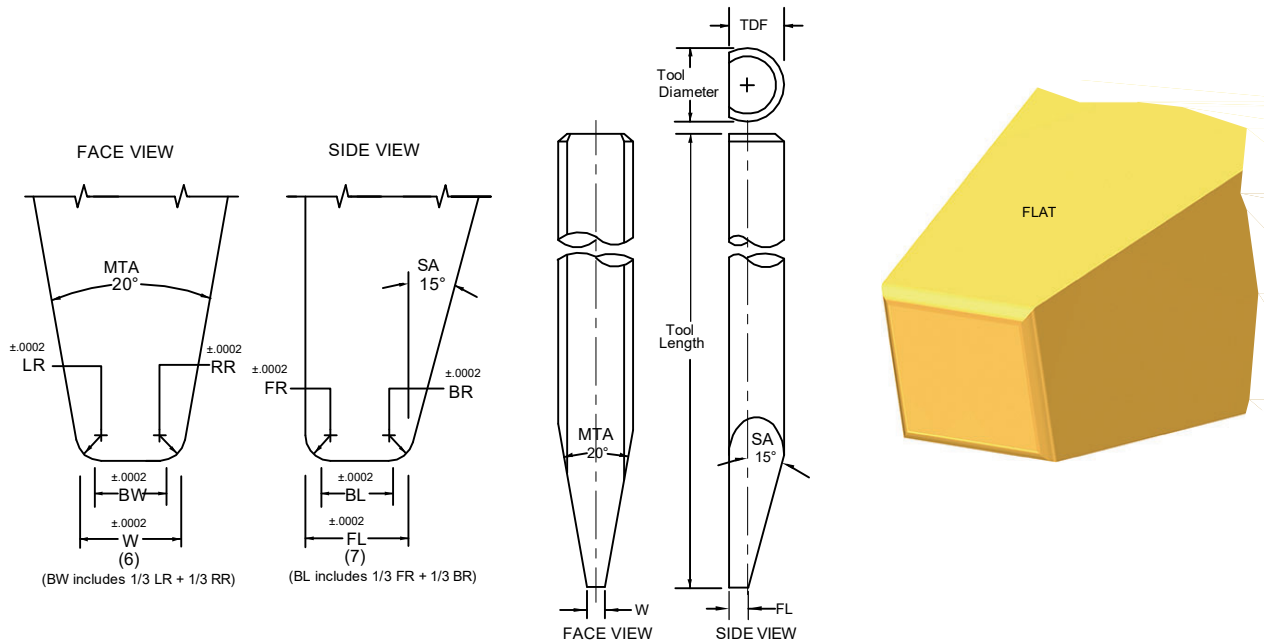


SERIES F-103A

Four Sides Radius Tab Tool



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-103A-1/16-1-.004X.004-M-E-E

SYMBOL EXPLANATION:

- | | |
|--|---|
| <p>1. MATERIAL: _____</p> <p>M = Ceramic
C = Tungsten Carbide
T = Titanium
All other: See Material Selection Guide</p> <p>2. SERIES: F _____</p> <p>3. STYLE: 103A _____</p> <p>4. TOOL DIAMETER: Please specify _____</p> <p>5. TOOL LENGTH: Please specify _____</p> <p>6. BOND WIDTH: (BW) Please specify _____
(include 1/3 FR + 1/3 BR)</p> | <p>7. BOND LENGTH: (BL) Please specify _____
(includes 1/3 FR + 1/3 BR)</p> <p>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.</p> <p>9. FRONT/BACK RADIUS:
See Option Chart below.</p> <p>10. LEFT/RIGHT RADIUS:
See Option Chart below.</p> |
|--|---|

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