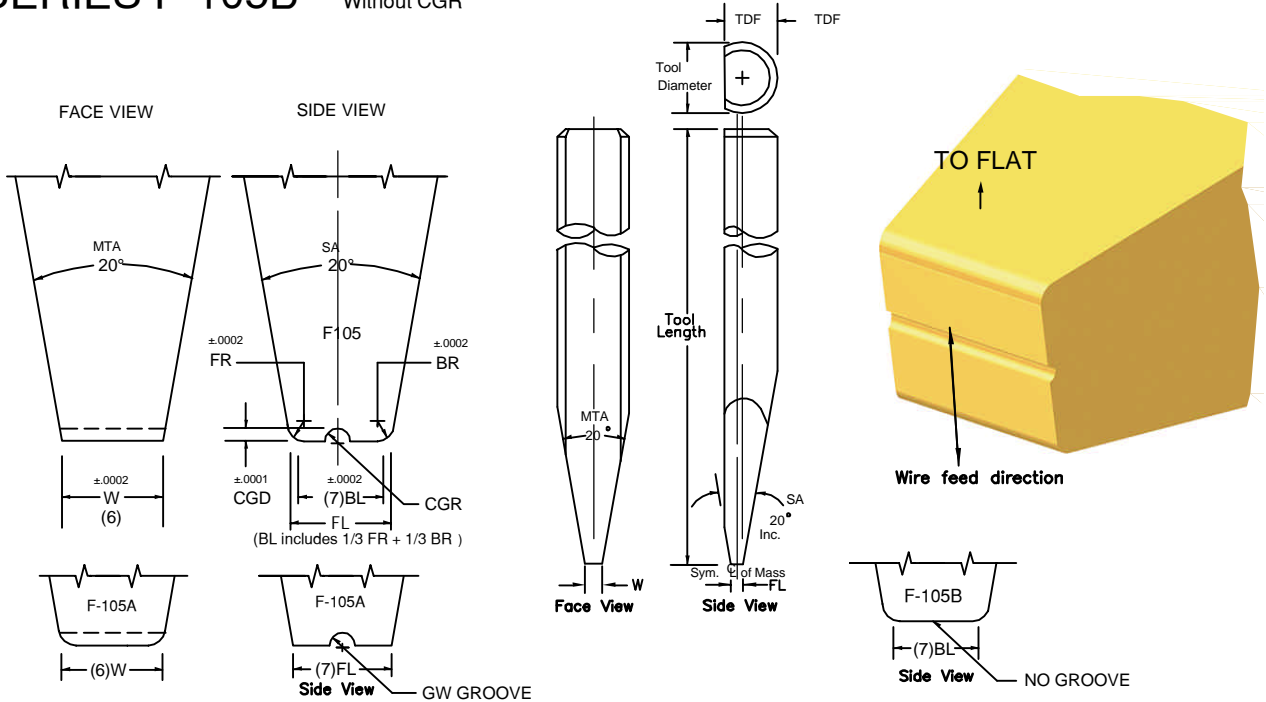


SERIES F-105
SERIES F-105A
SERIES F-105B

Single Point Tab and Gold Wire Bonding, Center Line
 With GW Groove
 Without CGR



SERIES F-105A WITH GW GROOVE
RADIUS ON "W"

GR=60% of wire diameter
GD=35% of wire diameter

SERIES F 105B without CGR or GW (no 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-105-1/16-1-.004-.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: Material Selection Guide **Tool Tips**
- 2. **SERIES:** F _____
- 3. **STYLE:** 105 ,105A OR 105B _____
- 4. **TOOL DIAMETER:** Please specify _____
- 5. **TOOL LENGTH:** Please specify _____
- 6. **FOOT WIDTH: (W)** Please specify _____

- 10. **only for F105A**
 Please specify wire size
 GR=60% of wire diameter
 GD=35% of wire diameter
- 9. **FRONT/BACK RADIUS:**
 See Option Chart below.
 Optional Radius on W and FL
 insert B-B or E-E etc.
- 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.
- 7. **FOOT or BOND LENGTH: F105 (BL) / F105A (FL)**
 F105/F105B only: Please specify (include 1/3 FR + 1/3 BR)

Optional Radius on W, LR and RR insert a second letter (E-E) in place (.9) , **Standard** Radius on FL, FR and BR only

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
		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	μ	0	13	0	13	25	0	13	25	38	0	13	25	38	51