

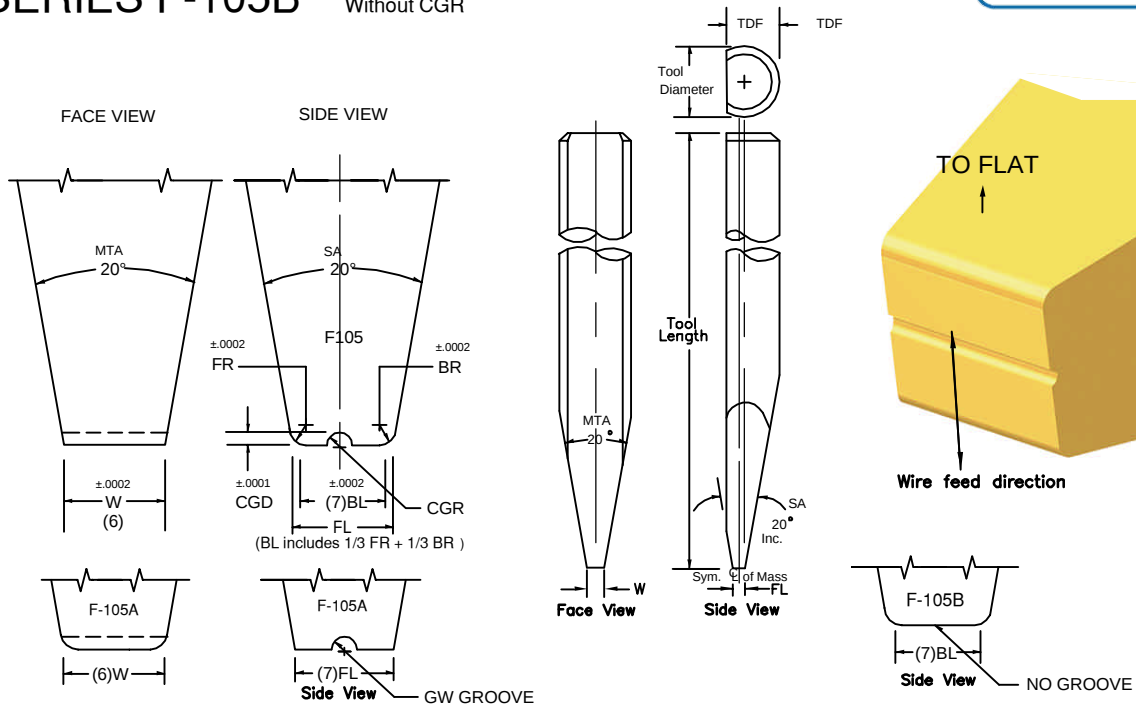
SERIES F-105
SERIES F-105A
SERIES F-105B

Single Point Tab and Gold Wire Bonding, Center Line

With GW Groove

Without CGR

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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) , **Standard Radius on FL, FR and BR only**

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