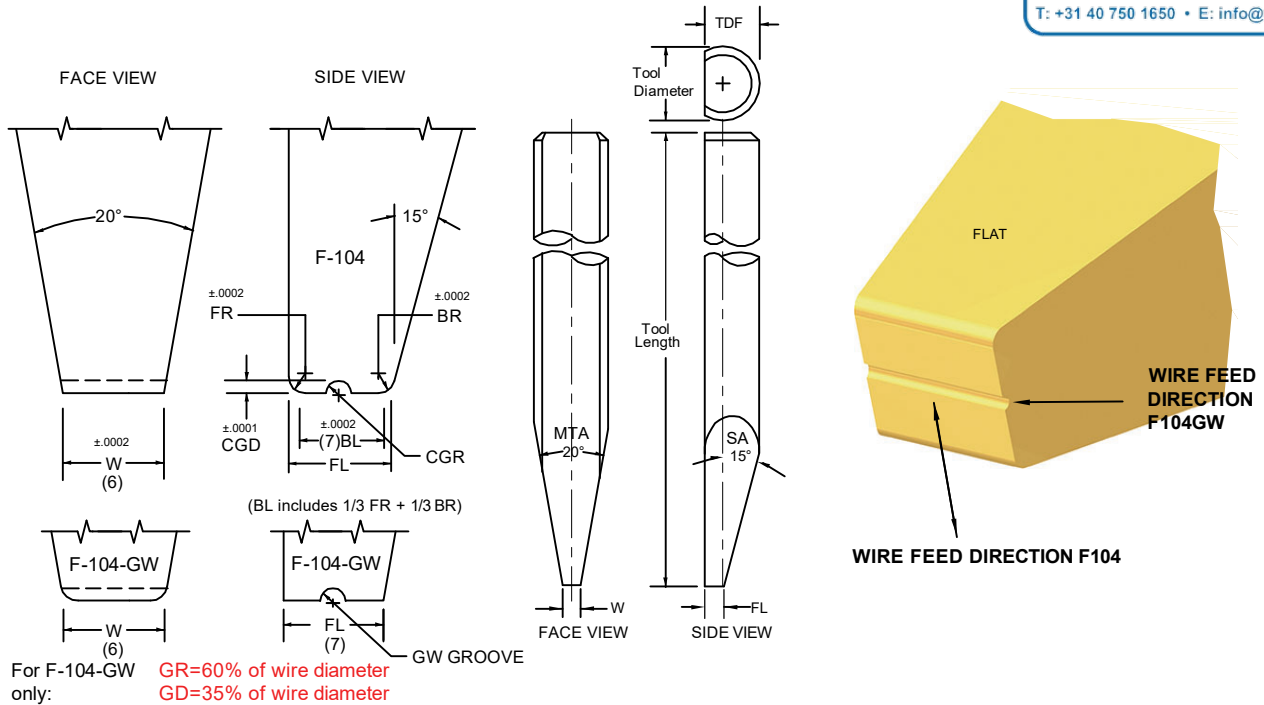


SERIES F-104 SERIES F-104-GW

Single Point Tab and Gold Wire Bonding
with GW Groove (FL)

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SERIES F-104-GW (WITH GW GROOVE IN FL RADIUS ON W)

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-104-1/16-1-.004X.004-M-E-.001

SYMBOL EXPLANATION:

- | | | | | | | | | | |
|--------------|--------------|-------------------------|----------------------------------|--------------------------------|-----------------------------------|--|--|--|--|
| 1. MATERIAL: | 2. SERIES: F | 3. STYLE: 104 or 104-GW | 4. TOOL DIAMETER: Please specify | 5. TOOL LENGTH: Please specify | 6. FOOT WIDTH: (W) Please specify | 7. FOOT or BOND LENGTH: F104 (BL) / F104-GW (FL),
For F104 only: Please specify (include 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.
Optional Radius on W and FL insert B-B or E-E etc. | 10. only for F104-GW
Please specify wire size
GR=60% of wire diameter
GD=35% of wire diameter |
|--------------|--------------|-------------------------|----------------------------------|--------------------------------|-----------------------------------|--|--|--|--|

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	.0015	.0020	.0020	.0020	.0020	.0020
	FR	LR	μ	13	13	25	25	25	38	38	38	38	51	51	51	51	51
BACK RADIUS	RIGHT RADIUS	in.	0	.0005	0	.0005	.0010	0	.0005	.0010	.0015	0	.0005	.0010	.0015	.0020	.0020
	BR	RR	μ	0	13	0	13	25	0	13	25	38	0	13	25	38	51