

### Typical materials:

- Stainless steel
- Brass
- Copper
- Beryllium copper
- Gold
- Nickel
- Tantalum
- Tungsten
- Molybdenum
- Titanium
- Platinum
- etc.

### Suggested materials (unless otherwise required):

For best quality and cost;  
300 series stainless steel 0.001 inch thick or under.

### Gas, Liquid, Material FLOW Oriented:

#### Leak test grade;

The emphasis normally on roundness is replaced by orifice area specification to improve cost effectiveness. To optimize quality, materials should be kept as thin as allowable. 302 stainless steel is suggested unless otherwise required.

#### Metered Flow;

Same as Leak Test above

#### Dies (wire polymer), Jets (liquid or gas);

Up to 0.010 inch diameter x 0.010 inch deep

### X-ray shielding, selective:

Typical materials are tantalum, tungsten and platinum

### Special Micro Patterns:

Round, square, rectangular, slit, arc, hexagon, octagon, annular, etc. and combinations of patterns or arrays . . . . .per quote

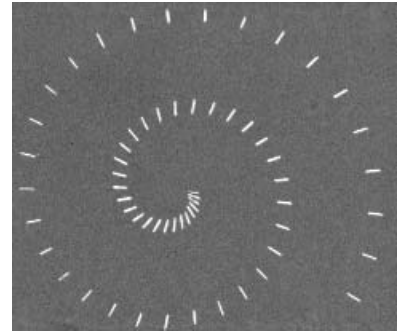
### Four-Bar Patterns:

Standard or 302 stainless steel 0.0005 in. x 0.375 in., or copper 0.001 in.  
Up to 5mm square; not including applicable air slit options . . . . . \$85.00  
Up to 0.750 in., any workable material . . . . .per quote

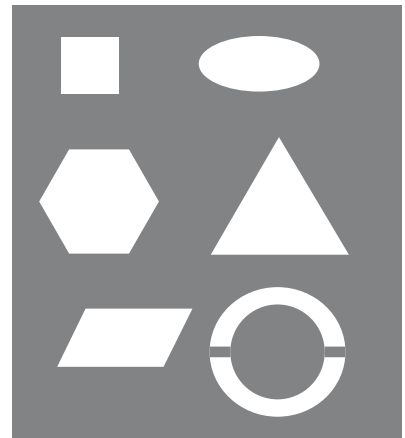
### SEM photos:

per feature . . . . . \$95.00  
per additional shot/angle . . . . . \$25.00  
(Not to be used for calibration or measurement.)

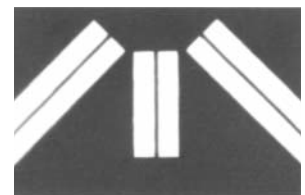
*Quality projection samples are available at minimal or no cost.*



**Spiral Slits**



**Shapes**



**Slits**