

QUESTTECH

Precision Thin Stainless Steel & Spring Steel Parts

Applications

General

- Any shape required--shape complexity is not a limitation
- No hard tooling or non-recurring engineering charge
- No tooling impact for design changes
- Fast delivery of any custom shape or size
- Economical small lot quantities
- Price competitive with EDM in some applications

Types

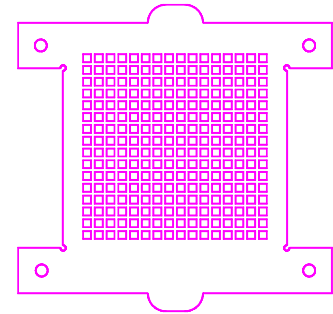
- Production Jigs and Fixtures
- Flat Springs
- Mechanical Masks and Templates
- Retainers
- Medical Implants

Uses

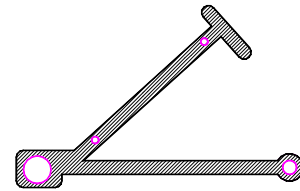
- Prototyping
- Short Run Production or Volume Applications
- Replacements for Obsolete Parts

Materials

- All common Stainless Steels
- Spring Steel



Typical .040" Fixture Application



Typical .008" Medical Application

Design Guidelines

Property	Nominal	Units
Smallest Feature		Inches
Minimum Radius	.002	Inches
Feature Tolerances as cut	+/- .002*	Inches
Thickness Range	.001 to .042 (19 Gauge)	Inches
Front to Back Taper	.003 to .004	Inches
Minimum Feature to Feature Proximity	.015	Inches
Minimum Edge Side Wall	1X	Material Thickness
Minimum Kerf Width	.004	Inches
Tapped Through Holes	as required	n/a
Lapped / Polished Finish	as required	n/a

* As measured at either Front or Back Side

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