Nitinol Instruments and Staples

Formed Stylete & Ablation Tools, K-Wires & Threaded Trocar, Custom Forms, Shape Memory, (AF Temps 22-30 degrees Celsius, Nitinol Staples (Super elastic & Shape memory), J-Hooks, Core Wires (‘004-‘032 Mandrels), Unique Nitinol Threading, Nitinol Drills/Custom Annealing, Nitinol Needles & Tubing, Custom Facets, Taper Steps

Strong & Flexible Nitinol Staples

MCS is a leading manufacturer of nitinol staples that offer superior strength and forming memory properties. Our capability to shape, form and grind nitinol provides our OEM customers with extensive options. The nitinol properties afford more uniform stress than plate cut staples and our faster manufacturing process means quick response times and lower unit cost. With our staples, the shape is drawn so the edges are rounded and smoother to reduce patient discomfort.

NITINOL FOR ORTHOPEDIC GUIDE WIRES

For the ultimate precision and flexibility, use non-kinking Nitinol to guide your cannulated instrument kit into the body.

Nitinol — flexible for easy instrument guidance
Stainless Steel 316 — rigid and may kink

Nitinol exhibits unique properties of shape memory and super elasticity making it ideal for all kinds of intricate surgeries. MCS has expertise in forming, bending, threading, and grinding Nitinol to create a wide variety of precision instruments and tools.