

ORTHOPEDIC PINS

K-Wires, Steinmann Pins, and Trocars

MCS product quality and grinding expertise means better surgical outcomes. Our ultra-sharp hollow point process minimizes insertion force and harder cutting edges equate to lower heat and minimal cell necrosis. Finally, our super smooth finishes ensure easy removal post-surgery.

ORTHO MARKETS SERVED:

Spinal, extremities, trauma, arthro, shoulder, hip, knee, interventional, small bone, foot & ankle

PRODUCT CATEGORIES:

K-Wires —

small
(.7mm to 1.8mm dia)

Steinmann Pins —

medium
(1.8mm to 4.0mm dia)

Trocars —

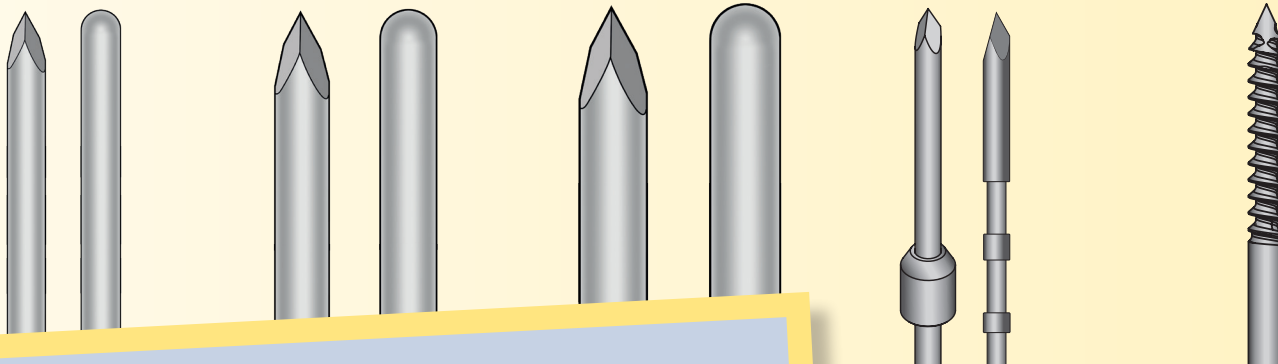
large
(4mm to 8mm dia)

Specialty —

- Olive
- Knowles
- Overmold/notched
- Threaded
- Echo-genic

Orthopedic Guide Wire —

- Extended length K-Wires (Stainless steel or Nitinol)
- Used for guiding cannulated tools & implants



QUALITY & CERTIFICATIONS

- › ISO13485 implantable medical device manufacturer
- › Lot traceability, complete certification
- › In-Line manufacturing to maintain quality and lower costs
- › Materials used to make MCS products meet ASTM-F899 (304SS), ASTM F-138 (316LVM), ASTM-F1537 (Cobalt-Chrome), ASTM-F2063 (Nitinol)



Your ONE Integrated Source for Ortho Pins

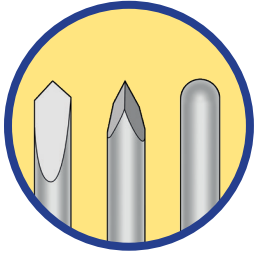
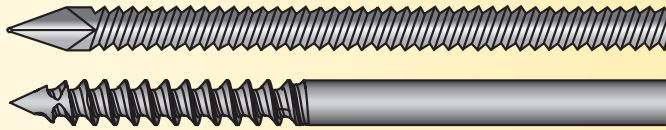
- › In-Line Capabilities Optimized for K-Wire Production
- › Precision Marking
- › Flexible Point Geometry
- › Immediate Access to Most K-Wire Materials
- › CNC Mass Production with Tight Tolerances Through Overall Length

Contact us today for a personalized quote. Call: **877-700-7797**, or go to: **www.medicalcomponentspecialists.com**



THREADING

- Full Thread
- Partial Thread

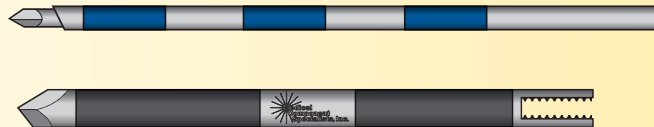


POINTS:

- Diamond
- 3 Facet (Troc)
- Blunt
- 4 Facet — Specialty/Custom
- Single/ Double Ended

MARKING

- Color coding
- Laser marked logo & ID
- Distance markers



MATERIALS

- 316LVM, F138 — high tensile, best corrosion resistance
- 17-4, 17-7 and 455ss — good corrosion resistance, higher temper
- Nitinol — non-kinking, great for guidewire and cannulated systems
- Cobalt Chrome — ultra pure
- Titanium — non-magnetic, MRI friendly

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.

MCS Capabilities

- > Standard & Custom Point Geometries
- > Smoothness
- > Lengths — .5 – 96"
- > Diameters from .016-.326
- > Threading of the tiniest <.028
- > Passivation & Electro Polishing
- > Variety of materials — Nitinol, Titanium, Cobalt-chrome, Stainless Steel - 17-4, 17-7, 304, 316LVM
- > Heat treatment on a variety of material
- > Electrochemical marking, laser marking

A Legacy of Excellence

Medical Component Specialists, Inc. was established in 2002, continuing the legacy of over 60 years of family grinding craftsmanship. Founder Jim Moore, a third generation craftsman, incorporates traditional craftsmanship, passed on through generations, with 21st century technology and a lean manufacturing style.

MCS has quickly become a preferred supplier of precision medical components from wire, rod and tubing to Medical OEM's throughout the US. New England-based MCS has a network of sales professionals located around the country to build personal relationships and provide exceptional customer service.

877-700-7797

www.medicalcomponentspecialists.com

MEDICAL COMPONENT SPECIALISTS — INSTRUMENTAL IN YOUR SUCCESS!

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**Medical
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Specialists, Inc.**

