CUSTOMIZED TOOLS, IMPLANTS & INSTRUMENTS
for Orthopedic and Interventional Applications

Medical Component Specialists manufactures medical components for orthopedics and interventional applications. Our master grinding capabilities ensure precision and unsurpassed quality while our CNC machining enables high volume production to suit your production requirements.

› High Precision Grinding & CNC Machining Capabilities
› In-Line Manufacturing Processes
› Quick, Nimble, and Responsive Production
› Made in USA
› High Quality Products — Exceptional Value

ORTHOPEDIC PINS
K-wires, Steinmann Pins, and Trocars

NEEDLES
Razor Sharp, Hollow point tips for biopsy needles

DRILLS
Fluted drills, stems, burrs, diamond coated tools

FORMED NITINOL
Material that exhibits the unique properties of shape memory and superelasticity.

CUSTOM GRINDING
Through-feed, Infeed and Profile Centerless Grinding from .005" to 1.000"

ASSEMBLY/COMPLETE DEVICES
Custom hubs and handles for drills and tools

Contact us today for a personalized quote.
Call: 877-700-7797, or go to: www.medicalcomponentspecialists.com
ORTHOPEDIC PINS — K-WIRES, STEINMANN PINS, AND TROCARS
• Single Point or Double Ended
• 304SS, 316SS, 17-7SS, Cobalt, Titanium
• Medical Threads (Threaded K-Wires)
• Diameters from .035” – .250”
• Various Biopsy Configurations
• Lengths from 1”-96”
• Standard 12° (or Custom Angles)
• Guide Wires

NEEDLES — RAZOR SHARP, HOLLOW POINT TIPS
• Single Angle Slash Grind
• Multi Faceted 1 Angle (Bi Points, Tri Points, Trephine Tubes)
• Temperature Probes
• Endoscopic, Laproscopic Devices
• Multi Step / Tapered Needles
• Pencil Points

DRILLS — FLUTED DRILLS, DRILL BLANKS, TAPS, BURRS
• Fluted Bone Drills
• Fluted Taps
• Hardened Medical Drill Blanks
• 465, 455, 440, M2, 17-4

FORMED NITINOL — FLEXIBLE MATERIAL FOR INSTRUMENTS
• Shape memory implants
• K-wires & threaded guidewires
• J-hooks
• Steerable Nitinol drills
• Formed stylette & ablation tools
• Nitinol staples- super elastic

CUSTOM GRINDING — THROUGH-FEED, IN-FEED AND PROFILE CENTERLESS GRINDING FROM .005” TO 1.000”
• Pencil Points
• Precision Through-feed (tol. to +/- .0001”)
• Long Tapers
• Straight Plunge
• Concentricity Grinds
• Multiple Step Grinding
• Flat Grinds
• Hour Glass Shapes
• Guide Wires

MACHINED ASSEMBLIES AND COMPLETE DEVICES

APPLICATIONS
Orthopedics
• Arthroscopy
• Spine
• Interventional
• Trauma
• Small joint reconstruction
• Large joint reconstruction
• Dental reconstruction
• Extremeties

Minimally-Invasive Surgery
• Breast biopsy
• Laparoscopy
• Endoscopy
• Soft tissue repair
• Cardiovascular
• Gynecology
• Interventional

Interventional Therapies
• Guide wires
• Introducers
• Mandrels
• Catheter components
• Stylettes
• Distal components

GRINDING
Step Grind • Through-Feed Grind • Form Grind • Taper Grind
Fluting Grind • OD Grind • Needle Grind • Point Grind

CNC MACHINING
Swiss • 11 Axis • 7 axis • CNC • CNC cut off • CNC grinding

FORMING
Bending • Flaring • Swaging • Brazing • Welding
Thread Rolling • Heat Setting • Heat Treatment

FINISHING
Tumbling • Centrifugal • Vibratory • Tumble Blasting
Blasting, CNC Laser Marking • Electrochemical Marking
Burnishing • Painting • Electro Polish • Passivation
Ultrasonic Cleaning

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)

877-700-7797
www.medicalcomponentspecialists.com

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.