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**KUANG TAI**

The Green Power of Metal

Medical Wires & Rods  
Guide Wire Products & Components

# MEDICAL WIRES / RODS

Your material solution for medical devices

For over 40 years, KUANGTAI offers products of excellent quality and technical support to our customers.



Customized Chemical & Mechanical Properties



Super Bright Surface



Excellent Machinability



Comprehensive Application

## Stainless Steel

Grade	Size
• 302V	Bar $\Phi$ 1.0mm-9.5mm
• 304V	L 0.9m-3m
• 316LVM	Wire $\Phi$ 0.015mm-5.0mm
• 420	
• 630 (17-4)	
• 631 (17-7)	

All materials conform to ASTM F899

## Titanium

Grade	Size
• CP Ti Gr2	Bar $\Phi$ 1.0mm-8.5mm
• CP Ti Gr4	L 0.9m-3m
• Ti6Al4V ELI	Wire $\Phi$ 1.0mm-6.0mm
ASTM F67	
ASTM F67	
ASTM F136	

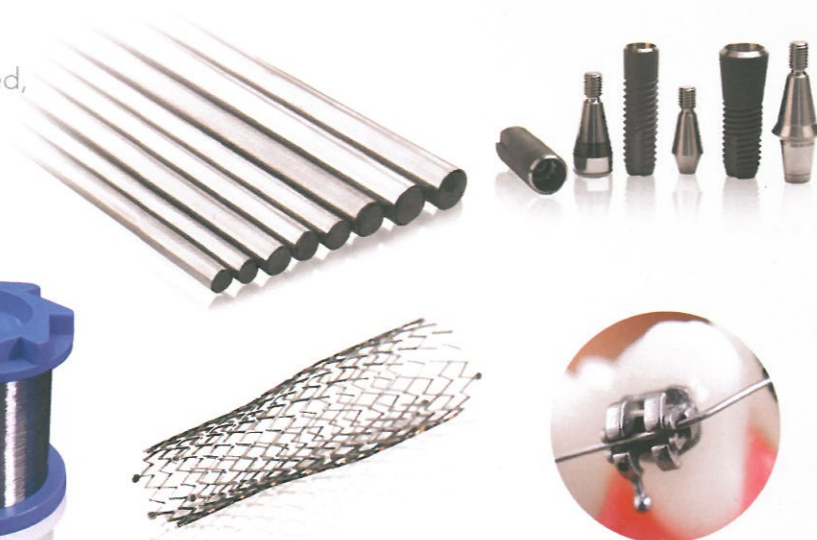
## Typical Applications

Dental	Orthopedic
Dental Implants Drills Orthodontic Wires	Bone Screws
Cardiology	General Surgery
Catheters Stents Guide Wires	Surgical Instruments Skin Closure Staples Endoscopy Accessories Acupuncture Needles

## Package Options

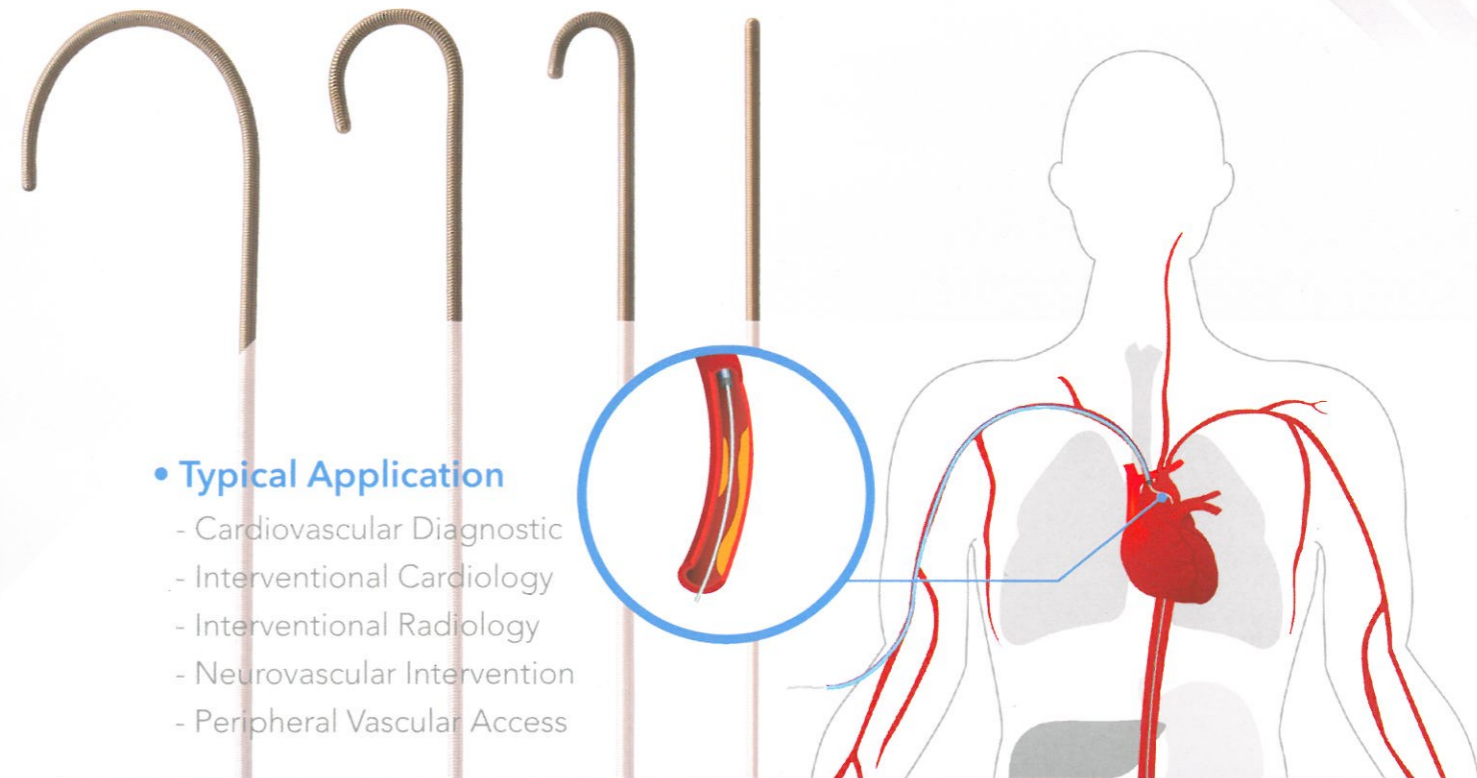
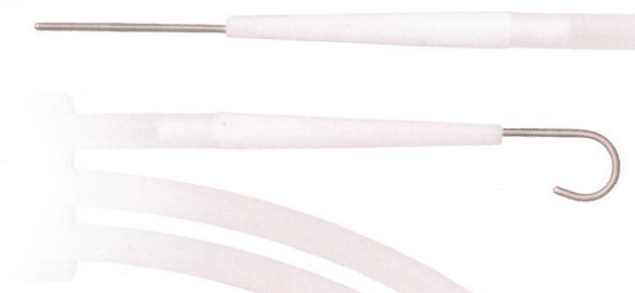
**Wire** : On Spool (DIN standard available), Coiled, Carrier, Steel Reel

**Rod** : Plastic Tube, Wood Box



# GUIDE WIRES

- Variable tip flexibility
- Optimized penetration force
- Core-to-tip design
- Precise torque control
- Consistent surface lubricity
- Customized designs for clinical versatility



## Typical Application

- Cardiovascular Diagnostic
- Interventional Cardiology
- Interventional Radiology
- Neurovascular Intervention
- Peripheral Vascular Access

## Supply Range

Finished Guide Wire Product		Components	
Outer Diameter	0.014"-0.038" (0.355-0.965mm)	(a) Core Wire	Material : SS302V/304V or Nitinol
Length (cm)	30-300		$\Phi$ 0.30mm min. Taper length : 3-10cm
Tip shape	Straight Angled J-Curve (R 1.5, 3, 6, 9, 15mm)	(b) Safety Wire	Material : SS302V/304V
Tip flexibility (Double soft ends available)	Floppy Intermediate Standard Stiff		W 0.23mm*H 0.07mm min.
Surface	Uncoated Hydrophobic Hydrophilic	(c) Spring Wire	Material : SS302V/304V
			Wire $\Phi$ : 0.06mm min. Coil OD : 0.014"(0.355mm) min