



# Custom Medical Device & Healthcare Consumables, Components And Parts



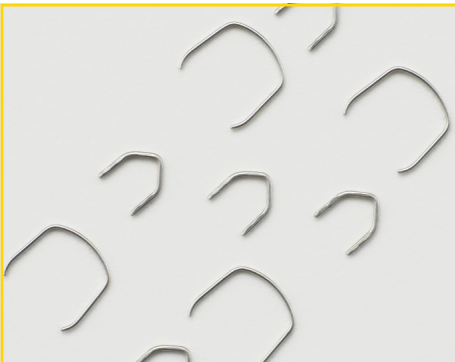
Syringe Needle Hubs



Syringe Needle Hubs/Inserts



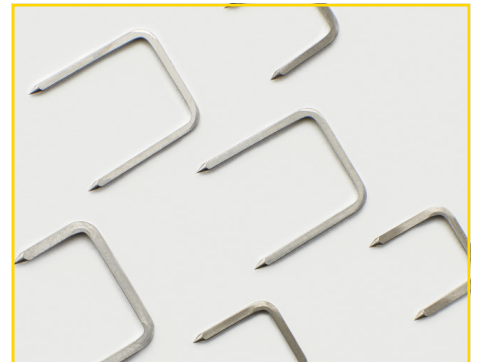
Syringe Needle Inserts



Skin Staples



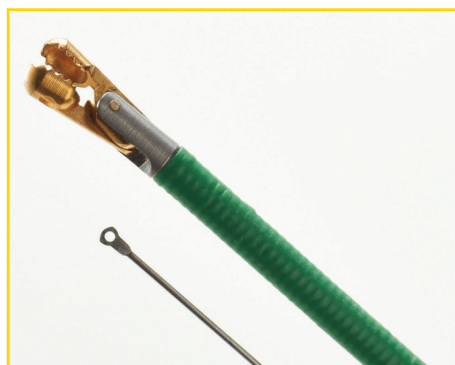
Ligature Staples



Bone Staples



Electronic Contacts



Endoscopy Drive Wire



Pharmaceutical Insert Screws

## Metal Component Manufacturing Technology Attributes

### Manufacturing Technology

Component Type	Approximate Dimensions	Application	Notable Features
<b>Transfer Hub</b>	.220" major OD x .435" long x .030" cannula thru hole	Syringe needle hub	Burrless
<b>Filter Hub</b>	.225" major OD x .600" long x .050" canula thru hole	Syringe needle hub	Rib feature on major OD; two locating anti-rotational tabs on flange OD
<b>Ribbed Hub</b>	.225" major OD x .600" long x .050" canula thru hole	Syringe needle hub	Rib feature on major OD
<b>Dental Hub</b>	.225" major OD x .600" long x .050" canula thru hole	Syringe needle hub	Internally tapped burrless threads
<b>Mini Insert</b>	.225" major OD x .125" long x .018" canula thru hole	Canulla interface	Cannula ID manufactured from .016" to .035" diameter
<b>Large Insert</b>	.104" major OD x 3120" long x .030" canula thru hole	Canulla interface	Three concentric OD surfaces; two different internal hole diameters
<b>Bone Staple</b>	Many size differentiations; all have rectangular dimensions from .053" x .022" to .050" x .060" rectangular	Used for fastening bone segments together	Material = titanium. Bone staples are all of rectangular cross sections
<b>Ligature Staple</b>	Rectangular cross section .032" wide x .019 thick	Wraps around blood vessels	Material = stainless steel. Tiny/exact "pyramidal depressions" for "holding power" placed along inside circumference of the staple surface
<b>Skin Staple</b>	.156" wide x .125" long x .015" diameter wire	Pierces skin for closure	Material = titanium. Pointed at each end with sheared point; very sharp /burrless
<b>Drive Wire</b>	.015" diameter wire x 95" long	Drive wire connecting trigger mechanism to cutting jaws on orthopedic devices	Wire is high tensile stainless, approx 360,000 psi, forged and pierced at one end making the connection to movable cutting jaws very strong; robust engagement to cutting jaws
<b>Medical Terminal Block</b>	.025" major OD x .030" long cup-shaped block	Provides electronic interface for "in-body" electrical device	Material = pure nickel. Formed with a .016" diameter blind hole in one end; with flat bottom (no screw point shape at bottom of blind hole)
<b>Medical Wire Bond Terminals</b>	.040" diameter	Electronic terminals	Material = copper cored nickel alloy. Copper provides good heat transfer and good electrical conductivity; surface finish provides excellent wire bond surface
<b>Implantable Contacts</b>	.012" to .040" diameter; varied lengths under .500" long	Terminals for implantable glass to metal seals	Generally made with full radii/smooth ends; surface OD is very smooth with no "leak path" avenues

### About MW Components

MW Components is focused on accelerating the entire process of delivering custom, stock, and standard parts to virtually any volume and against demanding deadlines. We work to highly complex tolerances. We help simplify the management of any number of different components. And we take a no-compromise approach to quality. With MW Components you can be sure you'll get the right part to the right specification when and where you need it.



# MW Components

To learn more visit [MWComponents.com](http://MWComponents.com) or contact us at 704.280.8875 | [sales@mwcomponents.com](mailto:sales@mwcomponents.com)