

Custom Medical Device & Healthcare Consumables, Components And Parts



Syringe Needle Hubs



Syringe Needle Hubs/Inserts



Syringe Needle Inserts



Electronic Contacts



Endoscopy Drive Wire



Pharmaceutical Insert Screws

Metal Component Manufacturing Technology Attributes

Manufacturing Technology

Component Type	Approximate Dimensions	Application	Notable Features
Transfer Hub	.220" major OD x .435" long x .030" cannula through hole	Syringe needle hub	Burrless
Filter Hub	.225" major OD x .600" long x .050" cannula through hole	Syringe needle hub	Rib feature on major OD; two locating anti-rotational tabs on flange OD
Ribbed Hub	.225" major OD x .600" long x .050" cannula through hole	Syringe needle hub	Rib feature on major OD
Dental Hub	.225" major OD x .600" long x .050" cannula through hole	Syringe needle hub	Internally tapped burrless threads
Mini Insert	.225" major OD x .125" long x .018" cannula through hole	Cannula interface	Cannula ID manufactured from .016" to .035" diameter
Large Insert	cannula through hole	Cannula interface	Three concentric OD surfaces; two different internal hole diameters
Drive Wire	.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
Medical Terminal Block	.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)
Medical Wire Bond Terminals	.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
Implantable Contacts	.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.



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To learn more visit MWComponents.com or contact us at 704.280.8875 | sales@mwcomponents.com