



1000+
COMPONENTS
DESIGN & DEVELOP

CRAFTING EXCELLENCE IN METAL
YOUR VISION, OUR PRECISION.





Established in 1995 in Jamnagar, Bhavi Brass Components LLP began its journey as a pioneer in the manufacturing, exporting, and supplying of Micro Precision Brass, MS, Aluminium, Sheet metal and Copper Alloys Pressed and Machined Components. Over the past decades, our commitment to quality and innovation has earned us a reputation as a trusted partner across industries such as Electricals, Electronics, Automobiles, Telecommunications, Medical Equipment and more.

Today, Bhavi Brass Components LLP stands at the forefront of the industry, delivering excellence in every component manufactured under the supervision of highly qualified engineers. Our adherence to national and international standards,

coupled with modern machining capabilities, ensures precision and reliability in every product. We take pride in our diverse range of offerings, catering to the evolving needs of sectors like Switchgears, Railways, Defense Technologies and Hardware Industries.

Looking ahead, Bhavi Brass Components LLP is poised for continued growth and innovation. We welcome business proposals and partnerships from around the globe, seeking avenues for joint ventures, tie-ups, and technological advancements. Our focus on sustainability and customer-centric solutions drives us towards new achievements and expansions. As we move forward, we envision further collaborations and advancements, cementing our position as a leader in precision components for a variety of industries.

CORE PURPOSE



“ To empower industries with precision engineering solutions, driving innovation and reliability for a sustainable future “

CORE VALUES



Quality Assurance



Innovation



Customer Satisfaction



Integrity



Environmental Responsibility



Continuous Improvement

BHAVI BRASS COMPONENTS LLP has a infrastructure carefully designed for our various manufacturing processes. Our modern facility has advanced machinery and units that guarantee accuracy and efficiency in every step of production.



2D & 3D Product Development



Injection Molding Unit



Raw Material Unit



VMC & CNC Unit



Automatic Machine Units



Visual Inspection



Assembly & Packing Unit



Quality Control Laboratory



Tools Workshop



Admin Office

CAPABILITIES



Processing Material

- Brass & Special Copper Alloy Such as BS 2874 CZ 121, BS 249, IS 319
- Grade I & II, UNS C 36000, C 35300 & Cu Zn38 Pb1 & Pb2, Aluminium 6063, MS 1022, MS 1018, MS En1



Process We Undertake

- Turning
- Slot Milling
- Stamping
- Threading
- Broaching
- Knurling
- Annealing
- Drilling



Processing Expertise

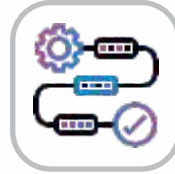
Brass Male-Female Shell or Cylindrical Contacts for Defense Industries:

- Complete PB Clip fittings with original Gold-Silver Plating.
- MS Screw with Square Washer & Spring Washer Assembly:**
- Passes through 120 Hours Salt Spray Test & Corrosion Test.
- Observed Trivalent Blue Zinc Plating micron range between 11 - 13.
- Materials Test Certificate (MTC) provided for all parts.
- Salt Spray & Plating Thickness Report included with each supply.
- TV Socket (Wipro Range):**
- Complete assembly of Pin, Screw & Nut.
- Processed in ROHS Compliant materials, specially for export customers.



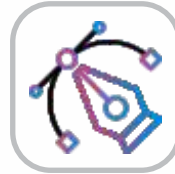
Additional Scope

- Complete Assemblies with Plastics and Rubber Parts



Processing Range

- 2 mm to 900 mm Diameter



Design Aid

- Software AutoCAD 3D



Finish We Serve

- Nickel / Copper Nickel
- Tin
- Zinc
- Silver
- Gold
- Chrome



Packaging

- VCI Plastic Bags
- Corrugated Boxes (Specifications as below)

Item Code	Size (in)	Ply	Paper Comb
Big Carton	14 X 11 X 9	9PLYPP	120/8+PP
Medium	14 X 10.50 X 6	9PLYPP	120/8+PP
Small (I)	11.75 X 8 X 7	9PLYPP	120/8+PP
Small (ii)	10.50 X 8 X 7	9PLYPP	120/8+PP

SPECIALIZATIONS

Discover our military-grade contacts, meticulously crafted with over **40 years of experience in precision engineering**. These contacts are developed from copper base alloy with original silver or gold plating, assembled with PB Clip technology, and available in a range of current ratings from 10 amps to 150 amps. They offer exceptional conductivity even under severe service conditions, ensuring minimal current loss or discontinuity, especially in dynamic applications.



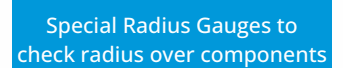
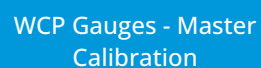
Choose from solder or crimp terminations for added versatility. Our contacts are widely used in connectors for tanks, aircraft, and military vehicles, and are qualified by **LCSO (Electronic Components Standards Organization - Ministry of Defense, Government of India)** for reliability and performance excellence.

Certi8cate and System

ISO Certification 9001:2015 We are proud to hold ISO certification from TUV SUD, which underscores our commitment to maintaining the highest quality standards in the industry.

Up-to-Date Records of Quality Standards We maintain meticulous records of all quality standards and compliance measures. These up-to-date records ensure traceability and accountability at every stage of the production process, allowing us to meet and exceed industry standards.

ROHS Compliant Materials Our commitment to environmental sustainability is evident in our compliance with the Restriction of Hazardous Substances (ROHS) directive. All our materials are carefully selected and tested to ensure they meet ROHS compliance, contributing to a safer and healthier environment.

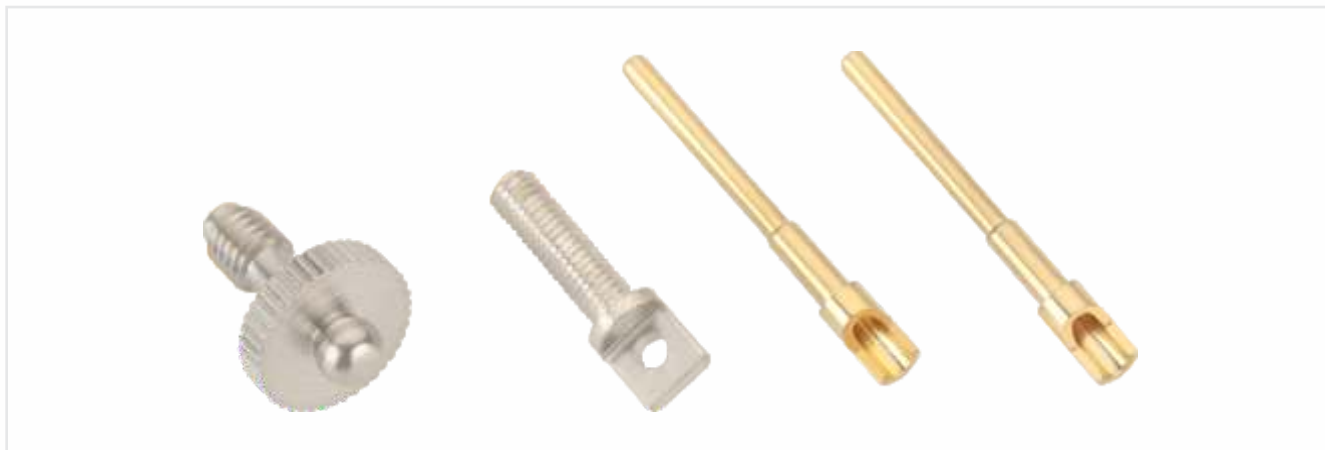




BRASS MALE FEMALE CONTACTS



Products Identification	Male Female Contacts, Cylindrical Contacts for Circular Multi pin Connectors, Shell Type Contacts
Special Notes	These all contacts develop from copper base alloy with original silver or gold plated & assembled with PB Clip, available in a range of current ratings from 10 amps to 150 amps. These offer excellent conductivity under severe service conditions with minimum loss or discontinuity of current even in dynamic applications. Both solder and crimp terminations are available in all contacts. All Male Female Contacts are applied in the Connectors used in tanks, aircrafts, and military vehicles, are qualified by LCSO (Electronic Components Standards Organization-Ministry of Defense, Government of India).
Materials Processed	Brass IS 319 Grade 1 Extruded Rods RoHS Complied
Application	Circular Multi-pin Military Connectors, Metric/Russian Connectors, Railway Connectors, Industrial Connectors & Customized & Value-Added Distribution Connectors, Earth Moving Equipment, Road Building Equipment, Agriculture Automation, Power Gen-sets, Security and Surveillance Systems, Laboratory Equipment, RADAR, Welding Equipments.
Serving Industries	Defense, Railways, Process Control Electronics, CNC Machines, Robotics, Servo Drives, Light & Sound Industry, Power Plants
Packaging Details	1000 Pcs. In 1 Plastic Bag & 10 Bags in 1 Corrugated Box



BRASS MEDICAL COMPONENTS



Specified Materials	Free Cutting Brass IS 319 Grade 1 & as per customer's requirements
Finishing Processes	<ul style="list-style-type: none"> • Original Gold & Silver • Nickel • Chrome • Tin • Natural & as per customer's specifications or requirements
Application	Medical Equipments
Serving Industries	Healthcare Solutions & Medical Device Manufacturing

SPECIAL SHOWCASE

Products Identification	Patient Cable Crimp Pin (Supplying with Original Gold Flash)
Materials Processed	Brass IS 319 Grade 1 Extruded Rods RoHS Complied
Application	ECG Device, X-Ray & MRI Machines
Serving Industries	Medical Device & Healthcare Solutions (Direct Supply)
Packaging Details	1000 Pcs. In 1 Plastic Bag & 5 Bags in 1 Corrugated Box



CNC-VMC COMPONENTS

Speci8ed Materials	Free Cutting Brass IS 319 Grade 1, Aluminum Alloy 6063-T6 63400WP (As Per IS: 733-1983) & as per customer's requirements
Finishing Processes	As per customer's specifications or requirements

SPECIAL SHOWCASE

Products Identi8cation	Brass CNC Bush, Brass CNC Bush with Plain "D" Slot
Materials Processed	Brass IS 319 Grade 1 Extruded Rods RoHS Complied
Application	Wire Wound Potentiometers and Rotary Hall Position Sensors
Serving Industries	Machine Building & Automation Industries
Packaging Details	500 Pcs. In 1 Plastic Bag & 10 Bags in 1 Corrugated Box



SPECIAL SHOWCASE

Products Identi8cation	Aluminium Conductor Block
Materials Processed	Aluminum Alloy 6063-T6 63400WP RoHS Complied
Application	Power Distribution Systems & Data Center
Serving Industries	IT Industries & Power Transmission Industries
Packaging Details	500 Pcs. In 1 Plastic Bag & 10 Bags in 1 Corrugated Box






BRASS AUTO COMPONENTS

Specified Materials	Free Cutting Brass IS 319 Grade 1 & as per customer's requirements
Finishing Processes	<ul style="list-style-type: none"> • Nickel • Natural & as per customer's specifications or requirements
Application	Automotive Instruments
Serving Industries	Precision-engineered & Automotive Technology Solutions


SPECIAL SHOWCASE

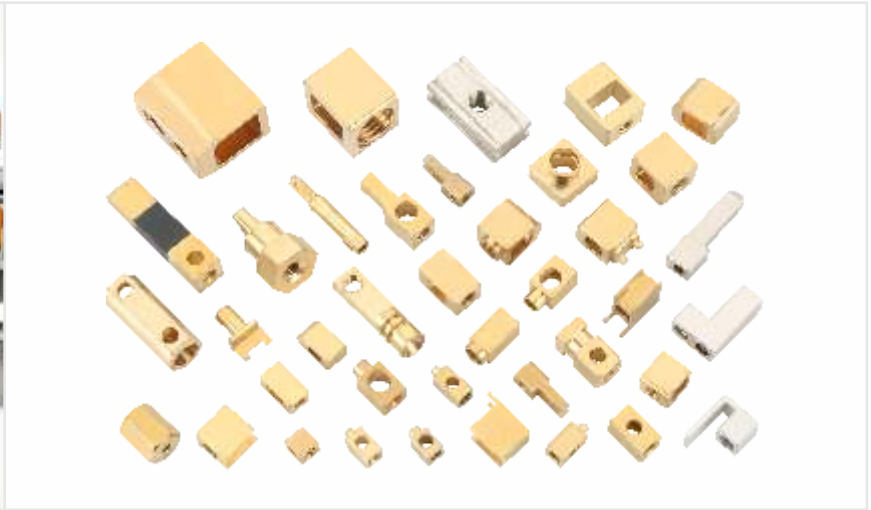
Products Identification	Brass Screw Plug Dia 6.00mm & 8.00mm (Working with very close Tolerances 6.00mm OD (+0.03) & 8.00mm OD (+0.03))	
Materials Processed	Brass IS 319 Grade 1 Extruded Rods RoHS Complied	
Serving Industries	Automotive Instruments Manufacturing	
Packaging Details	1,000 Pcs. In 1 Plastic Bag & 20 Bags in 1 Corrugated Box	

SPECIAL SHOWCASE

Products Identification	Pilot Jets (Working with very close Tolerances in Drill Dia 0.32mm (+0.01/-0.03))	
Customer Requirement for this part	The spread of the hole size with respect to flow size comes between +/-7%. We are using the very precision pin gauges developed at Pune to maintain the Machine process capability as well as hole finish.	
Materials Processed	Brass IS 319 Grade 1 Extruded Rods RoHS Complied	
Serving Industries	Automotive Instruments Manufacturing	
Packaging Details	1,000 Pcs. In 1 Plastic Bag & 20 Bags in 1 Corrugated Box	

SPECIAL SHOWCASE

Products Identification	Bush Bearing	
Materials Processed	Brass IS 319 Grade 1 Extruded Rods RoHS Complied	
Serving Industries	Automotive Instruments Manufacturing	
Packaging Details	1,000 Pcs. In 1 Plastic Bag & 20 Bags in 1 Corrugated Box	




BRASS TERMINAL INSERTS

Specified Materials	Free Cutting Brass IS 319 Grade 1 & as per customer's requirements
Finishing Processes	Nickel, Chrome, Tin, Natural & as per customer's specifications or requirements

SPECIAL SHOWCASE

Products Identification	L Terminal
History of this Part	Customer is using this item in 2 different Parts.
Our Efforts	We have designed one Extrusion Section Die, which has merged 2 parts & evaluate in 1 final part. We have implemented "Design Development Techniques" here & got very satisfactory result at last. Now, we are supplying this item as per our design & our customers are very happy as the Production Cost is reduced by this Re-designing work.
Materials Processed	Brass IS 319 Grade 1 Extruded Rods RoHS Complied
Application	Electromechanical Limit Switches, Material Handling Equipments, Material Processing Machines, Textile Processing Machines, Rail Coach Safety Systems, Packaging Machines, Food Processing Equipments
Serving Industries	Engineering & Process Automation
Packaging Details	2,000 Pcs. In 1 Plastic Bag & 10 Bags in 1 Corrugated Box

SPECIAL SHOWCASE

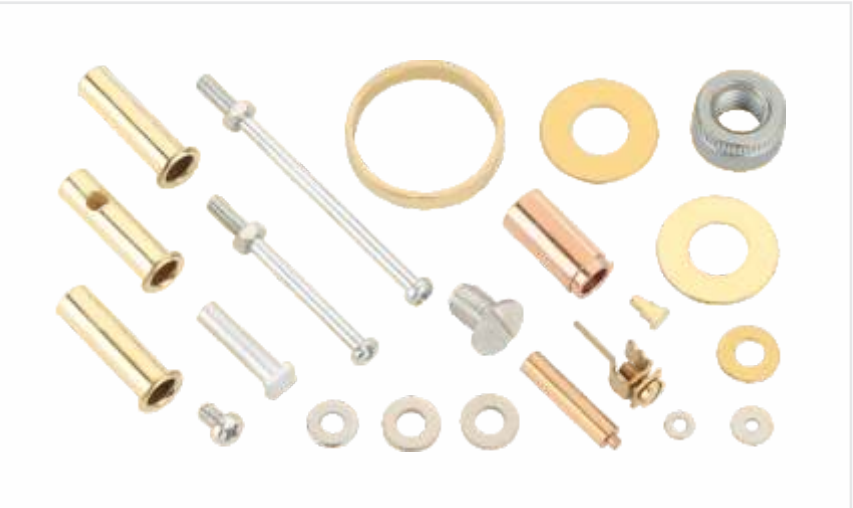
Products Identification	Beda Terminal	
Materials Processed	Brass IS 319 Grade 1 Extruded Rods RoHS Complied	
Application	Contacts	
Serving Industries	Electronic & Electromechanical Instruments	
Packaging Details	30,000 Pcs. In 1 Plastic Bag & 1 Bag in 1 Corrugated Box	



BRASS ELECTRONIC TOGGLE COMPONENTS



Products Identi8cation	Toggle Bush, Toggle Lever & Toggle Nut
Speci8ed Materials	Casting Brass, Free Cutting Brass IS 319 Grade 1 & as per customer's requirements
Finishing Processes	<ul style="list-style-type: none"> • Nickel • Natural & as per customer's specifications or requirements
Application	Toggle Switches
Serving Industries	Switchgears & Electronic Switches
Packaging Details	600 Pcs. In 1 Plastic Bag & 10 Bags in 1 Corrugated Box



BASS PRECISION FASTENERS

Specified Materials	MS, Free Cutting Brass IS 319 Grade 1 & as per customer's requirements
Finishing Processes	<ul style="list-style-type: none"> • Nickel • Natural • Zinc Trivalent & Zinc White on MS Materials & as per customer's specifications or requirements
Application	Industrial & Automotive, Plastic & Injection Molded Assembly
Serving Industries	Defense, Automobile, Medical, Tele Communication, Railway & Air Conditioning, Washing Machines

SPECIAL SHOWCASE

Products Identification	MS Screw with Spring Washer & Sq or bending Plate Supplying with 120 Hrs. Neutral Salt Spray Zinc Trivalent Plating with all reports	
Materials Processed	MS Grade 1022 or IS7887_1992 GRADE _8M	
Application	Air Conditioning	
Serving Industries	Diakin, Panasonic (Domestic Support)	
Packaging Details	1000 Pcs. In 1 Plastic Bag & 12 Bags in 1 Corrugated Box	

SPECIAL SHOWCASE

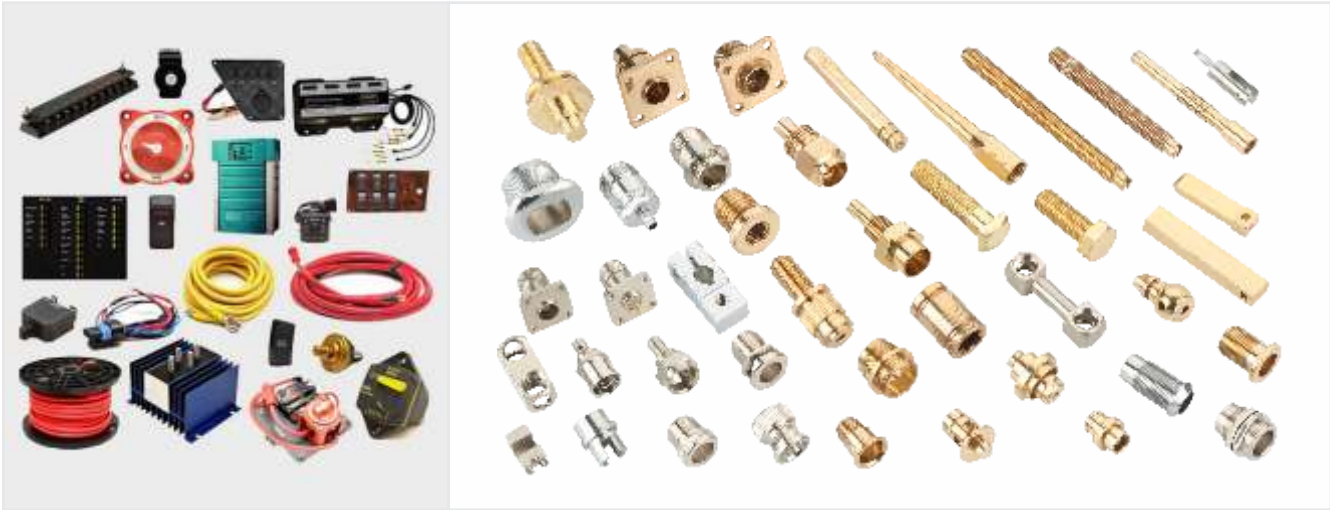
Products Identification	Brass Taper Head Screw for Circular Multi-pin Military Connectors	
Materials Processed	Brass IS 319 Grade 1 Extruded Rods RoHS Complied	
Application	Circular Multi-pin Military Connectors	
Serving Industries	Defense, Railways, Process Control Electronics, CNC Machines, Robotics, Servo Drives, Light & Sound industry, Power Plants	
Packaging Details	1000 Pcs. In 1 Plastic Bag & 10 Bags in 1 Corrugated Box	



MS COMPONENTS



Speci8ed Materials	MS EN-1A Leaded (9SMnPb28K) & as per customer’s requirements
Finishing Processes	As per customer’s specifications or requirements
Application	Pedal Switches, Panel Switches, Door Switches, Neutral Switch, Combination Switch
Serving Industries	Auto & Heavy Vehicles
Packaging Details	400 Pcs. In 1 Plastic Bag & 10 Bags in 1 Corrugated Box



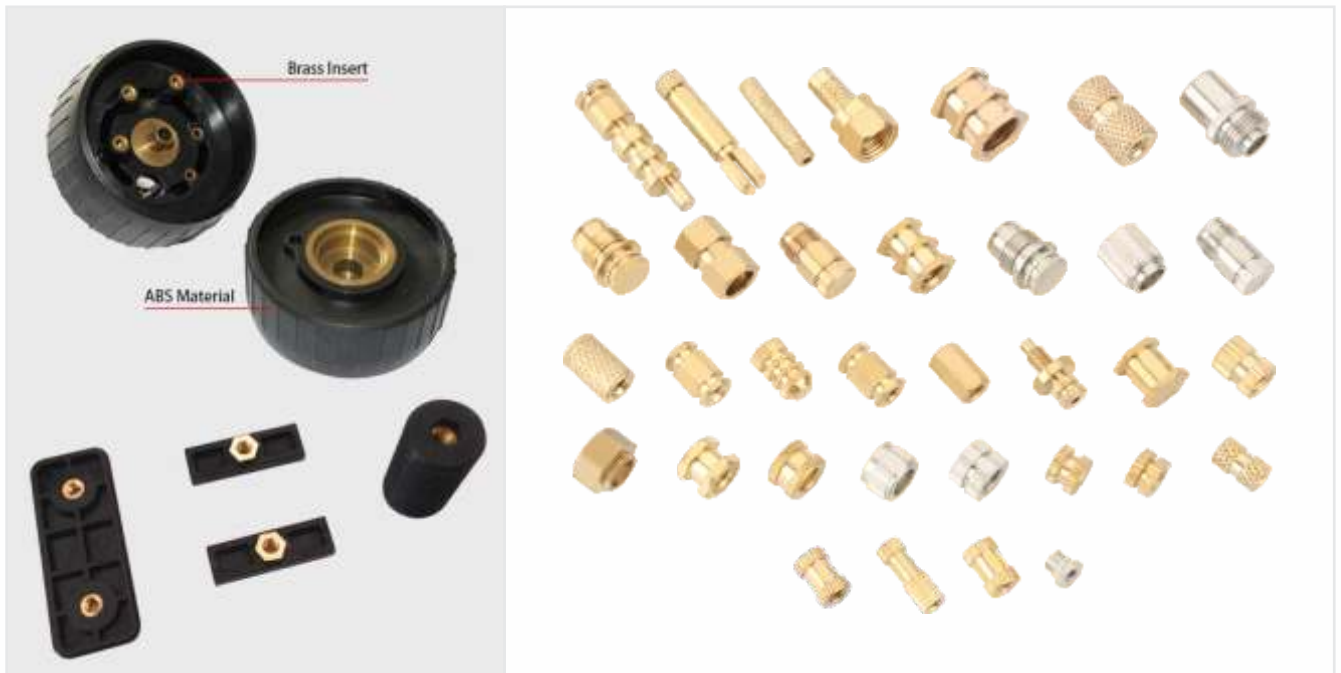
BRASS ELECTRICAL & ELECTRONICS COMPONENTS

Specified Materials	Free Cutting Brass IS 319 Grade 1 & as per customer’s requirements
Finishing Processes	<ul style="list-style-type: none">• Nickel• Chrome• Tin• Natural & as per customer’s specifications or requirements
Application	Switches, Electrical & Electronics Connectors, Cable Accessories
Serving Industries	Telecommunication, Defense, Aerospace, Computers and Peripherals, Electrical Distributions Equipment

SPECIAL SHOWCASE

Products Identification	TV Terminals or TV Antenna Sockets Supplying in sets of Nut, Screws & Pins with complete assembly
Materials Processed	Brass IS 319 Grade 1 Extruded Rods
Serving Industries	ABB, WIPRO, PHILIPS LIGHTING (via Domestic Support)
Packaging Details	100 Pcs. In 1 Plastic Bag & 25 Bags in 1 Corrugated Box





BRASS MOULDING PARTS

Products Identi8cation	Brass Molding Inserts (Straight, Diamond Knurling, Reverse / Forward, Hex)
Speci8ed Materials	Free Cutting Brass IS 319 Grade 1 & as per customer’s requirements
Finishing Processes	<ul style="list-style-type: none"> • Nickel • Natural & as per customer’s specifications or requirements
Application	Communication Equipment, Electrical & Wiring Device Cases
Serving Industries	Automotive, Plastic & Injection Molded Assembly, Instrumentation & Telecommunication, Electrical & Wiring Device Industries
Packaging Details	As per customer’s requirements





MICRO PRECISION TURNED PARTS



Products Identification	Mirco Precision Turned Parts
Speci8ed Materials	Brass & as per customer’s requirements
Finishing Processes	<ul style="list-style-type: none">• Nickel• Chrome• Tin• Natural & as per customer’s specifications or requirements
Application & Serving Industries	Automobile, Electrical & Electronics Instruments, Telecommunication, Electrical & Wiring Device Industries, Customized Product Industries, Switchgears, Gas & Stove, Agriculture Industries & Railways.
Packaging Details	As per Customer’s requirements



BRASS NOZZLES



Products Identification	Nozzles
Specified Materials	Brass & as per customer's requirements
Finishing Processes	<ul style="list-style-type: none"> • Nickel • Chrome • Tin • Natural & as per customer's specifications or requirements
Application & Serving Industries	Gas & Agriculture Industries
Packaging Details	As per Customer's requirements

INDUSTRY WE CATER



Electrical Distributions Equipment



Automobiles & Defense Industries



Telecommunications & Power Transmission



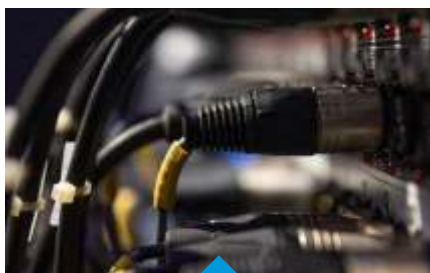
Utility Meters & Switchgear Industries



Computers and Peripherals



Engineering Plastic Molding



Fiber Optic Equipments



Electronic Circuit Hardware & Sanitary Fittings



Medical & Railway Parts

COUNTRIES WE EXPORT



USA



GERMANY



THAILAND



JAPAN



ARGENTINA

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