



Paani Precision Products LLP

MANUFACTURER & EXPORTER OF METAL COMPONENTS

Brass Excellence Exported



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ABOUT US

Paani Precisions possess in-depth expertise in manufacturing an array of unmatched Precision Brass Components, Brass Fasteners, Brass Insert in Range, Brass Hardware Parts like Brass Mirror Cap in Range, Brass Glass Holder, Brass Hinges, Brass Electrical Accessories, Brass Lamp Holder Accessories, Brass Plug Pin, Socket, Brass Terminal, Brass Terminal Blocks, Brass Lighting Decorative Accessories, Brass Agriculture Parts, Brass Table Flag Parts, and Brass Gas Valve as per the customer's design & specifications. Total control over the quality of the products right from the raw materials to the finished products. We have a team of dedicated managers, engineers, toolmakers & workmen capable to serve your needs. Our commitment to quality, productivity & timely delivery schedule has earned us loyal customers. We strongly believe in maintaining perfection in quality and standard, which leads to achieving excellence in our profession.

Our Mission

We are in the business of manufacturing precision brass components. We want to be a niche catering to specific needs of customers in industries such as Electrical & Electronics industries. We want to form partnerships with customers, suppliers, and employees for satisfying our customers' needs. We will conduct our affairs ethically at all times. We at Paani Precisions achieved several milestones with this attitude and belief.

Industries We Serve

- ✔ Electrical
- ✔ Lighting
- ✔ Electronics
- ✔ Telecommunication

5 years experience in Brass Components Manufacturing.

Customized manufacturing as per customer drawing & specification.

Competitive Pricing, Excellent packing & fast delivery.

International quality standard with provided quality report.

ISO Certified & Well equipped infrastructure.

Optimize utilization of raw material and non-renewable resources.

Brass Fasteners

Brass Anchor

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PRODUCT FEATURES



High strength



Low Turning
Torque



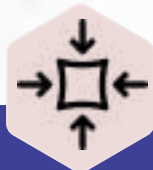
Rust Resistant



Optimum Quality



Easy Installation



Compact Design



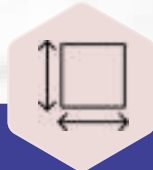
Water Resistance



High Mechanical
Strength



Impact Resistant



Accurate
dimensions



Corrosion
Resistance



Flawless finish



Suitable for high
pressure
application



High
Temperature
tolerance



High tensile
strength



Sturdiness



Brass Anchor

Our company specializes in the manufacturing and export of high-quality brass anchors, including a comprehensive range of brass anchoring systems, brass drop-in anchors, sleeve anchors, pool cover anchors, spring anchors, and wood anchors. With over five years of experience, we deliver a variety of brass anchors and anchor fasteners designed to meet diverse requirements in both domestic and international markets. Our commitment to excellence is evident in our wide selection of sizes and designs, crafted to ensure reliability and precision for every application.

Material :

- Brass Extruded or Brass Casted.

Available Size :

- As Per Customer Requirement.

Application :

- Ideal for light to medium-duty fixing in the building industry, such as electrical, sanitary installations, air conditioning, suspended ceilings, wall mounting, & heating systems.

Outside Finishing :

- Polished, Diamond Knurling, Straight Knurling

Finish & Coating :

- In Micron (Nickel, Zinc, Tin, Chrome, Gold, Antic Bronze, Brass, Silver, Mate Antiq, Cooper & SS as per requirement)

Material Grades:

- CuZn39Pb3
- CW614N
- CW602N
- CZ132
- C35330
- SS-5170

Threads:

- ISO Metric (MM),
- UTS,
- UNC,
- UNEF,
- NPT,
- BSP,
- BSPT,
- BSW,
- BSF,
- BA

Price Available:

- EX Factory Price, FOB, C&F, CIF.



Brass Anchor



NO.	Thread Size (Metric)	Outside Dia (mm)	Full Length (mm)	Safe Static Load Tension (kN)
1	M4	5.00	15	0.62
2	M5	6.50	20	0.87
3	M6	8.00	23	1.10
4	M8	10.00	28	1.40
5	M10	12.00	32	2.20
6	M12	15.00	38	2.30
7	M14	18.00	43	2.60
8	M16	20.00	50	2.85



Brass Hex Nut

We are a leading manufacturer and exporter of high-quality brass nuts, offering an extensive range of sizes to meet diverse industry needs. Our product line includes Hex Nuts, Brass Lock Nuts, Brass Round Nuts, Brass Check Nuts, Wing Nuts, and Square Nuts, all engineered to deliver exceptional durability and reliability across various applications.

Material :

- Brass Extruded, Stainless steel, Brass, Bronze, Aluminum, Steel, Copper.

Material Grades:

- CuZn39Pb3
- SS-5170
- Any Special Brass Material Composition As Per Customer Requirements

Available Size :

- 3mm to 25mm, 3/16" to 2 1/2"

Price Available:

- EX Factory Price, FOB, C&F, CIF.

Features :

- Dimensional accuracy
- Less maintenance
- Easy to fit nature
- Seamless shine

Finish & Coating :

- Neutral Plating,
- Zinc Plating,
- Tin Plating,
- Nickel Plating,
- Copper Plating



Brass Hex Nut



Brass Hex Nut

Brass Wing Nut

Brass Hex Nut



Brass Barrel Nut

Brass Bush

Brass Hex Bush



Brass Hex Nut

Brass Hex Nut

Brass Rivet Nut





Brass Insert

We specialize in manufacturing custom-designed brass inserts, including round knurled, hexagonal, and square inserts, available with diamond, straight, or unidirectional knurling. As a leading manufacturer of brass threaded inserts, we cater to diverse industries such as plastics, communication equipment, automotive, and electrical and wiring device casings. Our full line of brass inserts supports all installation methods—ultrasonic, heat, thermal, press-in, and mold-in. While we provide custom-designed inserts to meet specific requirements, our standard range includes Straight Hole, Blind (Closed Bottom), Collar Inserts, Ultrasonic, Press-in, and Tri-Slotted Inserts, ensuring a comprehensive selection for varied applications.

Material :

- Brass Extruded or Brass Casted.

Available Size :

- Begins from M2 or equivalent threads and upto any size as per custom design or requirement

Application :

- Instrumentation, Telecommunications, and other Plastic Cases Assembly.

Price Available:

- EX Factory Price, FOB, C&F, CIF.

Finish & Coating :

- Natural, Nickel Plated, Tin Plated or any coating as per customer specification.

Material Grades:

- CuZn39Pb3
- CW614N
- CW602N
- CZ132
- C35330
- SS-5170

Threads:

- ISO Metric (MM),
- UTS,
- UNC,
- UNEF,
- NPT,
- BSP,
- BSPT,
- BSW,
- BSF,
- BA



Brass Insert



Brass Round Knurled Inserts:

- Threads as per International Go & Not Go Standards
- Deep Groove for maximum Pull Out Resistance
- Inner Diameter (I/D) after Threads with very close tolerance to prevent unnecessary flush to enter into the inserts

Knurling Available:

- Diamond
- Straight
- Unidirectional
- Both blind and through inserts are available with no minimum quantity

Key Features:

- In these applications, we ensure precise insert lengths within a tolerance of -0.05mm to guarantee proper closure of the molding die.
- Thread Size Starts from M1 to M50, BA, BSW, BSPT, and BSF & American Threads like UNC, UNF, UNEF, and NPT are also available as per custom requirements.
- Straight, Diamond, opposite diagonal etc. are the knurling options available to give solid gripping to Molding applications.
- Inserts with collar series provides Options to use Flange to make Electric Contact
- Opposing Diagonal Knurls provide excellent Torque Resistance
- Vertical Undercuts in Tri Series Provides superior Tensile Strength



Brass Insert



Hex Dum Insert

Brass Hex Insert

Brass Hex Insert



Brass Hex



Knurling Bush



Knurling Insert



Knurling Socket



Molding Insert



Wood insert



Brass Insert



**Molding Knurling
Insert**

**Stop Wood
Insert**

**Wood Insert
Small**



Gear Insert

Pin Insert





Brass Screw

As a leading Manufacturer, Exporter, and Supplier of Brass Screws, we provide high-quality, robust, and precisely crafted products tailored to meet diverse client needs. Our Brass Screws are manufactured using premium-grade brass and advanced technology, ensuring exceptional durability, structural integrity, and dimensional accuracy. Available in a wide range of designs, sizes, and specifications, our Brass Screws are offered at competitive prices to deliver superior value to our clients.

Material :

- Brass Extruded, Stainless steel, Brass, Bronze, Aluminum, Steel, Copper.

Available Size :

- Begins from M2 or equivalent threads and upto any size as per custom design or requirement.

Price Available:

- EX Factory Price, FOB, C&F, CIF.

Finish & Coating :

- Neutral, Zinc Plating, Tin Plating Nickel Plating, Copper Plating or any coating as per customer specification.

Material Grades:

- CuZn39Pb3
- SS-5170
- Any Special Brass
Material Composition

Threads:

- ISO Metric (MM),
- UTS,
- UNC,
- Wood Thread



Brass Screw



Types of Brass Screw:

- Cheese head slotted screws
- Counter sunk head slotted screws
- Round head slotted screws
- Pan head slotted screws
- Raised head slotted screws
- Philips head screws
- Combination head screws
- Socket head screws
- Terminals screws for connector block
- Knurled slotted screws (thumb screws)
- Slotted grub screws
- Special head screws



Brass Screw



Brass Round Spacer



Brass Screw



Sealing Screw



Brass Slotted Screw



Slotted Stud



Brass Slotted Spacer



Brass Screw



Brass Spacer



Brass Spacer Bush



Brass Spacer Spindle



Brass Spacer



Space Male Female



Brass Square Screw



Brass Stud



Brass Long Screw



Knurling Long Screw



Brass Bolt



Hex Punch Bush



Brass Knurling Screw



Brass Screw



Brass Slot Screw



Slotted Grub Screw



Brass Nut & Bolt



Brass Sealing Screw



Grub Screw Slotted



Brass Grub Screw



Brass Pointed Screw





Brass Spacer (Standoff)

We provide an extensive range of Brass Spacers, crafted for versatile applications across industries. Our Brass Spacers are available in both Round and Hexagonal shapes to meet diverse needs. Standoffs, which are used in mechanical and electronic applications, serve to separate two components securely. Available in various shapes and sizes, standoffs are made from different materials based on specific requirements. Our insulating standoffs prevent components from making contact, effectively minimizing the risk of electronic short circuits.

Material :

- Brass Extruded, Stainless steel, Brass, Bronze, Aluminum, Steel, Copper.

Material Grades:

- CuZn39Pb3
- SS-5170

Available Size :

- As Per Customer Requirement.

Features :

- Sleek surface finish
- Easy to fit
- Temperature resistant

Price Available :

- EX Factory Price, FOB, C&F, CIF.

Finish & Coating :

- Neutral, Zinc Plating, Tin Plating Nickel Plating, Copper Plating or any coating as per customer specification.

Threads:

- ISO Metric (MM),
- UTS,
- UNC,
- UNEF,
- NPT,
- BSP,
- BSPT,
- BSW,
- BSF,
- BA



Brass Spacer (Standoff)



NO.	Thread Size	Diameter	Hole Size	Body Length
1	M2	4 mm	2.2 mm	3, 4, 5, 6, 7, 8, 9, 10, 11, 12 mm
2	M2.5	6 mm	2.7 mm	3, 4, 5, 6, 7, 8, 9, 10, 11, 12 mm
3	M3	6 mm	3.2 mm	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 20, 25, 30 mm
4	M4	8 mm	4.3 mm	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 20, 25, 30 mm
5	M5	10 mm	5.3 mm	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 20, 25, 30 mm

NO.	Body Size Across Flats (A/F)	Thread	Body Length
1	4 mm	M2	3, 4, 5, 6, 7, 8, 9, 10, 11, 12 mm
2	5.5 mm	M2.5	3, 4, 5, 6, 7, 8, 9, 10, 11, 12 mm
3	5.5 mm	M3	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 mm
4	7 mm	M4	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 mm
5	8 mm	M5	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 mm



Brass Washer

Our firm has garnered significant respect in the industry by consistently manufacturing and exporting high-quality Brass Washers. Produced at our advanced manufacturing facility using premium-grade brass, these washers conform to rigorous industry quality standards. To meet specific fastening needs, we offer Brass Washers in a variety of sizes, thicknesses, and dimensions. These washers are ideal for use in automotive, sanitary, and transformer applications, serving as effective spacers to distribute fastener loads efficiently.

Material :

- Brass Extruded, Stainless steel, Brass, Bronze, Aluminum, Steel, Copper.

Material Grades:

- CuZn39Pb3
- SS-5170

Available Size :

- Washers are also available in various size range 3mm to 25mm.

Special Features :

- Precise dimensions
- High load bearing capacity
- Smooth finish

Finish & Coating :

- Neutral, Zinc Plating,
- Tin Plating,
- Nickel Plating,
- Copper Plating

Price Available:

- EX Factory Price, FOB, C&F, CIF.



Brass Washer



NO.	GAUGE (D1)	OUTSIDE DIAMETER (D2)	DEPTH (H)	WEIGHT (PER PIECE)
1	No 6 (3.5)	11.40	1.90	0.00046
2	No 8 (4.0)	13.50	2.30	0.00055
3	No 10 (5.0)	15.70	2.60	0.00058





Brass Hex Bolt

Our brass bolts are meticulously engineered to deliver exceptional performance and durability in various applications. Made from premium-quality brass, these bolts offer superior resistance to corrosion, ensuring long-lasting reliability even in harsh environments. With their excellent thermal and electrical conductivity, they are ideal for electrical, plumbing, and industrial uses. Precision-crafted to meet stringent quality standards, our brass bolts provide a perfect fit and robust fastening solution for diverse industries. Choose our brass bolts for unmatched strength, dependability, and versatility in your projects.

Material :

- Brass Extruded or Brass Casted.

Available Size :

- As Per Customer Requirement.

Application :

- Air / Water / Oil / Fuel.

Special Features :

- Thread as per international Go and Not Go Gauge Standard.

Finish & Coating :

- Natural, Nickel Plated, Tin Plated or any coating as per customer specification.

Material Grades:

- CuZn39Pb3
- CW614N
- CW602N
- CZ132
- C35330

Threads:

- ISO Metric (MM),
- UTS,
- UNC,
- UNEF,
- NPT,
- BSP,
- BSPT,
- BSW,
- BSF,
- BA

