JSTN Metal Industries

Jamnagar, Gujarat, India

Product catalogue 2026

Copper, brass and steel components, made to your drawing

Terminals, turned parts, fasteners, bushes and custom connectors for electrical and industrial buyers worldwide.

Copper	Terminals, lugs, connectors
Brass	Turned parts, inserts, nuts
Steel	Nuts and washers
Aluminium	Bushes

ISO 9001:2015 certified · www.jstnmetal.com · info@jstnmetal.com · +91 63588 02123

Company profile

JSTN Metal Industries manufactures and exports precision-engineered metal components from Jamnagar, India's brass city.

Our range covers copper terminals and connectors, steel and brass nuts and washers, brass turned parts, copper lugs, aluminium bushes and customised electrical connectors. We supply OEMs, panel builders, importers and distributors who need consistent parts in volume, made to standard sizes or to their own drawings.

Working inside Jamnagar's metal-parts cluster gives us close access to raw material, tooling and skilled machinists. That lets us offer durable parts at fair prices, with short lead times and full export documentation.

> **"Powering industries with precision-crafted metal components, trusted across the globe."**

ISO 9001:2015
Certified quality management system

Made to drawing
Custom parts from drawing, CAD file or sample

8 export markets
USA, UK, Mexico, Canada, Germany, UAE, Singapore, Australia

Export-ready
Export packing and shipping documents with every order

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Our vision

To be the preferred global supplier of precision-engineered metal parts, known for exceptional quality, reliable service and competitive pricing, and for long-term partnerships with our clients.

Our mission

- ✓ Produce world-class components with consistent precision and durability.
- ✓ Deliver steady quality and on-time service.
- ✓ Develop customised, value-driven solutions with partners.
- ✓ Invest in technology, infrastructure and skills.

Quality and manufacturing

Every part moves through our own shop floor in Jamnagar, so we control tolerance, finish and timing from bar stock to packed carton.

Turning and machining

Automatic and CNC turning for brass and steel parts with repeatable tolerances.

Pressing and forming

Copper lugs, terminals and brackets pressed and formed on dedicated tooling.

Finishing to spec

Natural, tin or nickel finish, as the drawing calls for.

Inspection

Dimensional checks with calibrated gauges before every dispatch.

Four quality checkpoints on every order

1

Drawing review

Dimensions, tolerances and finish confirmed with you before tooling starts.

2

Raw material check

Alloy and bar stock verified against the order specification.

3

In-process checks

Parts measured at set intervals during every production run.

4

Final inspection

Lot inspection and documents before packing and dispatch.

ISO 9001:2015 certified

Our quality management system is certified to ISO 9001:2015. A copy of the certificate and inspection reports are available on request with every order.

Materials we work with

Material	Typical grades	Used for
Copper	ETP / EC grade (C11000), 99.9% Cu	Cable lugs, terminals, connectors, busbar parts
Brass	CuZn39Pb3 (CW614N), IS 319, C36000	Turned parts, inserts, nuts, fittings
Stainless steel	SS 304, SS 316	Nuts, washers, fasteners
Aluminium	6061, 6063	Bushes, spacers

Copper

Copper terminals & lugs

High-conductivity copper lugs, terminals and connectors for reliable cable termination in power distribution, control panels and earthing systems.





Typical applications

- ✓ Switchgear and control panels
- ✓ Power distribution and transformers
- ✓ Earthing and lightning protection
- ✓ Solar and battery systems

Specifications

Material	ETP / EC grade copper, 99.9% Cu
Conductor size	1.5 mm^2 to 630 mm^2
Stud hole	M4 to M20
Finish	Natural or electro-tin plated
Barrel	Standard, long and heavy duty
Standard	As per DIN / IS or customer drawing

Available types

Type	Use
Ring tongue cable lugs	General cable termination
Tubular terminals	Crimped power connections
Pin and fork terminals	Terminal blocks and MCBs
Earthing connectors	Rod-to-tape and clamp joints
Gun-metal and copper clamps	Cable and rod fixing

Sizes shown are typical. Other sizes and drawings on request.

Brass

Brass turned parts

Precision-turned brass components for electrical, plumbing, valve and automotive assemblies, made on automatic and CNC lathes to your drawing.



Typical applications

- ✓ Electrical accessories and switchgear
- ✓ Sanitary fittings and valves
- ✓ Gas and pneumatic fittings
- ✓ Automotive and machinery parts

Specifications

Material	CuZn39Pb3, IS 319, C36000 or as specified
Diameter	3 mm to 65 mm
Threads	Metric, BSP, NPT, UNC / UNF
Tolerance	As per drawing
Finish	Natural, nickel, tin or chrome plated
Supply	From samples to series production

Available types

Type	Use
Valve and bush parts	Valves, taps and fittings
Electrical brass parts	Terminals, contacts, neutral links
Pins and shafts	Plugs, sockets, assemblies
Fittings and adaptors	Plumbing and gas lines
Custom turned parts	To your drawing

Dimensions and tolerances as per approved drawing and sample.

Brass

Brass inserts

Knurled and threaded brass inserts that give plastic and composite parts strong, reusable threads. Supplied for moulding, heat-staking and press-fit.



Typical applications

- ✓ Plastic electrical enclosures
- ✓ Moulded automotive parts
- ✓ Electronics housings
- ✓ Furniture and fixtures

Specifications

Material	CuZn39Pb3 / IS 319 free-cutting brass
Thread	M2 to M12, UNC / UNF, BSW
Knurl	Diamond, straight or helical
Finish	Natural or nickel plated
Ends	Open or blind
Supply	Standard and custom sizes

Available types

Type	Fitting method
Moulding inserts	Moulded in during injection
Heat-set inserts	Thermal or ultrasonic
Press-fit inserts	Pressed into drilled hole
Self-tapping inserts	Screwed into plastic or wood

Insert length and outside diameter made to suit your boss design.

Steel & brass

Nuts & washers

Brass and stainless-steel hex nuts, lock nuts and washers for electrical, mechanical and outdoor assemblies.



Typical applications

- ✓ Electrical terminals and busbars
- ✓ Panel and enclosure fixing
- ✓ Outdoor and marine hardware
- ✓ General engineering

Specifications

Material	Brass; stainless steel SS 304 / SS 316
Size	M3 to M24
Threads	Metric coarse and fine, UNC / UNF
Finish	Natural or nickel plated (brass)
Standards	DIN 934, DIN 985, DIN 125, DIN 127
Supply	Standard and drawing-based

Available types

Type	Standard
Hex nuts	DIN 934
Nylon lock nuts	DIN 985
Flat washers	DIN 125
Spring washers	DIN 127
Special nuts	As per drawing

ℹ Other standards (ISO, ANSI, BS) on request.

Aluminium

Aluminium bushes

Lightweight, corrosion-resistant aluminium bushes and spacers for mechanical and electrical assemblies.



Typical applications

- ✓ Machinery and conveyor parts
- ✓ Electrical fixtures
- ✓ Furniture and fittings
- ✓ Spacers and sleeves

Specifications

Material	Aluminium 6061 / 6063
Inside diameter	4 mm to 50 mm
Length	As per drawing
Finish	Natural or anodised
Process	Turned and machined
Supply	Standard and custom sizes

Available types

Type	Use
Plain bushes	Sleeves and guides
Flanged bushes	Locating and spacing
Spacers	Panel and PCB mounting
Custom bushes	To your drawing

Bore, outside diameter and length made to suit your assembly.

Copper & steel

Custom electrical connectors

Connectors, brackets and busbar parts built to your specification, from a single drawing to series production.



Typical applications

- ✓ Switchgear and distribution boards
- ✓ Transformers and meters
- ✓ Earthing assemblies
- ✓ OEM electrical equipment

Specifications

Material	Copper, brass, steel or as specified
Process	Pressing, bending, machining, assembly
Finish	Natural, tin or nickel plated
Input	Drawing, CAD file or physical sample
Samples	Made for approval before production
Supply	Prototype to volume orders

Available types

Type	Use
Busbar connectors	Panel power links
Stamped brackets	Mounting and support
Terminal assemblies	Equipment terminals
Earthing parts	Clamps and links

Send your drawing for a quotation and sample lead time.

Industries we supply

Electrical and electronics
Terminals, connectors and brass parts for panels and devices.

Energy and power
Cable lugs and earthing parts for utilities and solar.

Automotive and transport
Turned parts, inserts and fasteners for vehicles.

Construction
Fasteners and fittings for building services.

Machinery
Bushes, nuts and custom parts for machines.

OEM assemblies
Parts built to a manufacturer's own drawing.

Export markets

Regular shipments go to buyers in eight countries. We arrange freight to most international ports.

Americas
- United States
- Canada
- Mexico

Europe
- United Kingdom
- Germany

Middle East & Asia-Pacific
- United Arab Emirates
- Singapore
- Australia

Trade terms we quote on

Term	What it means
EXW	Goods collected from our factory in Jamnagar
FOB	Delivered on board at an Indian port
CIF	Cost, insurance and freight paid to your port
DDP	Delivered duty paid, on request

Packaging and export documentation

Every shipment is packed to reach you in the same condition it left our inspection bench, with the paperwork your customs broker needs.

Poly bags

Counted lots sealed against moisture and tarnish.

Corrugated cartons

Strong export cartons, sized to weight limits.

Wooden boxes and pallets

Fumigated wood for heavy and sea-freight orders.

Custom labelling

Your part number, logo and barcode on every pack.

Documents supplied with each order

- Commercial invoice
- Packing list
- Certificate of origin
- Bill of lading / airway bill
- Material test certificate
- Inspection report

JSTN Metal Industries

Precision in every piece, delivered worldwide.

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