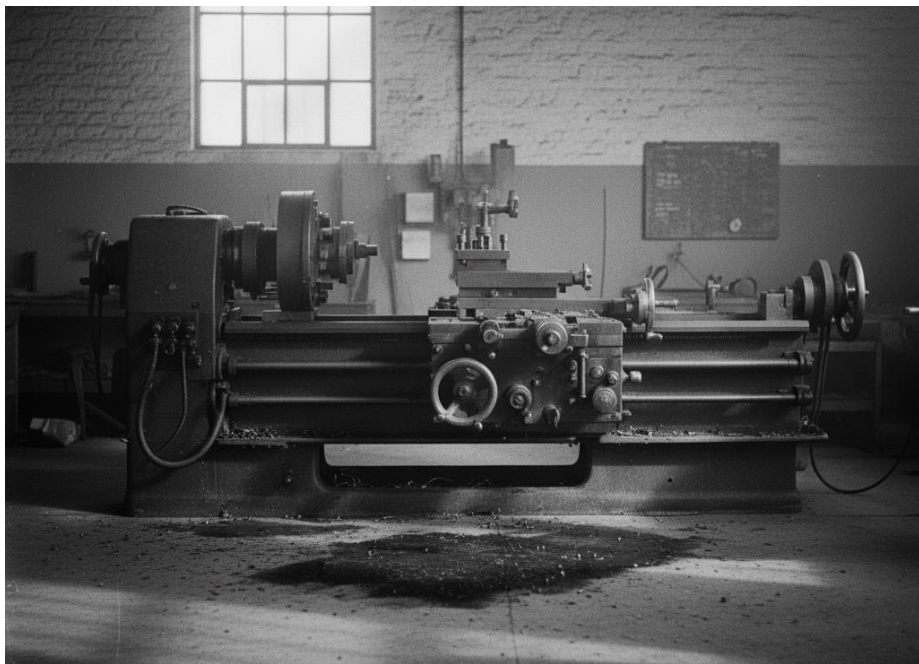




QUANTUM METAL

Metal Mastery, Quantum Precision

ISO 9001: 2015 | ISO 14001: 2015 | ISO 45001: 2018



Plot No G-35/1/5, Industrial Area, Masitiya Road
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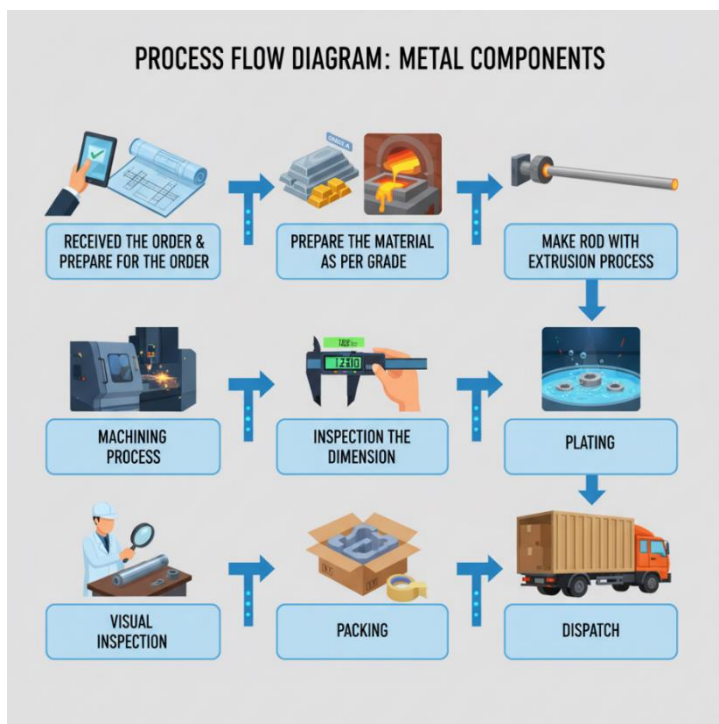
❖ Company Overview

Founded in 1996, SV EXIM began its journey in a modest 600 sq. meters facility, equipped with a single lathe machine along with a few conventional drilling and grinding machines. What started as a small-scale workshop has now new sister concern Quantum Metal evolved into a state-of-the-art manufacturing facility spread across 2200 sq. meters in March 2004, specializing in the production of globally customized metal components with tolerance machining capabilities up to 0.002 mm.

With nearly three decades of dedication and innovation, we have transformed into a trusted partner for industries worldwide, delivering precision, reliability, and engineering excellence.

Quantum Metal is a sister concern of Parenting Company SV EXIM, dedicated to precision metal manufacturing. All billing and financial operations are managed by Parenting company SV EXIM.

❖ Process Flow Diagram



Metal Precision Components

CNC Machined Parts, turned components, and high tolerance assemblies for industrial applications.



Auto Components

Engine Parts, brackets, bushings, and customs assemblies for OEMs and aftermarket suppliers.



Electrical Components

Connectors, terminals, enclosures, and fittings designed for safety and performance with buyer customized.



Customized Components

Tailor-made solutions based on client drawings, samples, or specifications—even for complex designs.

25+

YEARS OF INDUSTRY
EXPEIENCE

100%

IN-HOUSE QNALITY
CONTROL

98%

REPEAT CLIENT RATE

99%

ON-TIME DELIVERY



❖ Our products are trusted by leading companies in sectors such as:



**Automotive &
Transportation
Sector**



**Electrical &
Electronics
Sector**



**Aerospace
& Defence
Sector**



**HEATING &
VANTILATION
Sector**



**Oil & Gas
Sector**



**Industrial
Machinery
Sector**



**Construction &
Infrastructure
Sector**



**Marine &
Shipbuilding
Sector**

❖ Our Identity & Ideals

To be recognized as a globally trusted manufacturer of metal components, renowned for innovation, quality, and customer-centric solutions.



❖ About Us

Quantum Metal operates under the umbrella of Parenting company SV EXIM, a trusted name in global metal exports. While Quantum Metal focuses on manufacturing excellence, SV EXIM ensures smooth financial and logistical operations.

With state-of-the-art infrastructure, a highly skilled workforce, and decades of technical know-how, we produce custom-engineered brass parts that meet the exact specifications of clients from industries such as electrical, plumbing, automotive, hardware, and construction.

Manufacturing Product Categories

- Brass Products
- Bronze Products
- Stainless Steel Products
- Aluminium Products
- Mild Steel Products
- Customised Products

Material Description

❖ Brass:

Brass Components are manufactured to deliver superior electrical conductivity, corrosion resistance, and mechanical strength. We utilize premium brass grades including CW614N, CW617N, DZR, C36000 CuZn39Pb3, CuZn40pb2, Lead Free CuZn60-40, Lead Free CuZn63-37, C37700, C26000, C26800, CW617N, IS 319 Type I, IS 319 Type II, CZ121, and CZ122. These materials are ideal for electrical parts, fittings, fasteners, inserts, and gas applications, ensuring reliable performance, excellent machinability, and long service life.

❖ Bronze:

Bronze Parts are designed for applications requiring high wear resistance, low friction, and excellent load-bearing capacity. Produced using industry-approved bronze grades such as C93200 (SAE 660), C83600, C95400, C90500, C90300, C86300, C90700, LG2, PB1, and PB2, these components are widely used in bushings, sleeves, pipe fittings, and heavy-duty industrial systems. Precision manufacturing ensures durability and consistent performance under demanding conditions.



❖ Steel:

Our Stainless-Steel Parts are precision-engineered to deliver exceptional strength, corrosion resistance, and long-term reliability across automotive, electrical, chemical, and industrial applications. Manufactured using premium stainless-steel grades such as SS 202, SS 304, SS 304L, SS 316, SS 316L, SS 310, SS 321, SS 410, SS 420, and SS 430, these components offer excellent resistance to rust, heat, and chemical exposure. Advanced machining, fabrication, and finishing processes ensure high dimensional accuracy, superior surface finish, and compliance with international quality standards.

❖ Mild Steel (MS):

Mild Steel Components are engineered for strength, reliability, and versatility across automotive, electrical, and industrial applications. We use high-quality MS grades including IS 2062 E250, IS 2062 E350, EN8, EN9, EN19, IS 513, CRCA, ASTM A36, SAE 1018, and SAE 1020. These materials provide excellent machinability, weldability, and structural integrity, making them suitable for bushes, pins, spacers, fasteners, and customized MS parts.

❖ Aluminium:

Aluminum Auto Parts and Components are precision-engineered to meet the demanding requirements of automotive, electrical, and industrial applications. Manufactured using high-quality aluminum alloys such as ADC12, A356, A360, A380, A383, LM6, LM25, 6061, 6063, and EN AC 46000, these parts offer excellent strength-to-weight ratio, corrosion resistance, thermal conductivity, and dimensional accuracy. Advanced casting and CNC machining processes ensure consistent quality, durability, and compliance with international standards.

Product Categories

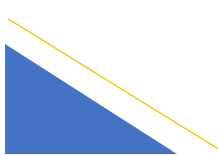
❖ Brass Components:

Electrical & Electronic Precision Parts



Brass Terminals & Fuse Parts

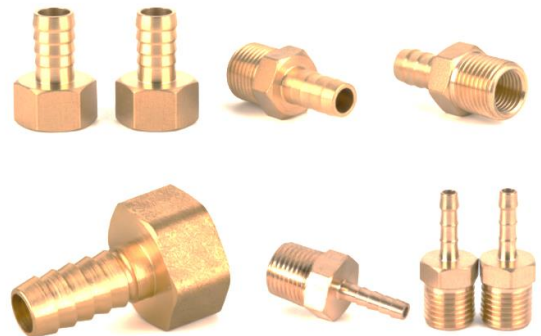




Brass Electronic Parts



Brass Gas Fittings



Brass Flare Fittings



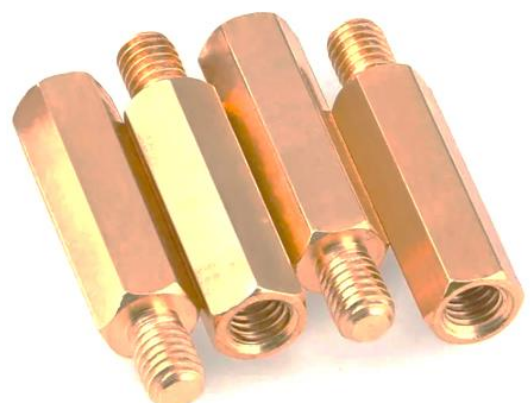
Brass Inserts

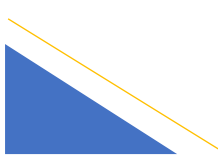


Brass Screw & Fasteners



Brass Spacers





Brass Sheet Metal Parts



Brass Fittings



❖ **Bronze Products:**

Bronze Bushings & Sleeves



Bronze Fittings



Bronze Pipe Fittings



Bronze Sleeves





❖ Stainless Steel Products

Steel Pipe Fittings



Steel Sensor Housing Parts



Steel Flanges



Steel Fasteners



Steel Customized Turning



Steel Customized Parts





❖ Mild Steel (MS) Products:

Mild Steel Spacer



Mild Steel Bush



Mild Steel Fasteners



Mild Steel Turning Parts



Mild Steel Pins & Sensors Parts



Mild Steel Electric Mold Pins





❖ Aluminium Products:

Aluminium Housing Sensors Parts



Aluminium Fasteners & Allen & Key Parts



Aluminium Precision Parts



Aluminium casting Parts



Aluminium Fittings



Aluminium Auto Key Parts





❖ Customized Products:



- The Material of Stainless steel and black oxide-coated steel for corrosion resistance.
- They exhibit metallic finishes, indicating materials such as stainless steel, alloy steel, brass, and titanium-coated surfaces.
- Multiple cylindrical parts with external threads and used for securing mechanical assemblies
- Bushings parts are very Smooth with cylindrical parts without threads likely used for alignment or as spacers in assemblies.

- The parts appear to be made from stainless steel as per the others grade like a 304, 316L corrosion-resistant alloys, commonly used for durability, strength, and precision. Such materials are chosen for their high tensile strength, wear resistance, and ability to withstand harsh environments.
- Components are shaped using CNC turning and milling machines for high precision. Operations include facing, drilling, boring, threading, and grooving.
- After machining, parts undergo deburring and polishing to achieve smooth surfaces. In some cases, electropolishing or passivation is done for corrosion resistance.



- In automotive industries Components used as Bolts, nuts, bushings, sleeves, and precision shafts specification like a high corrosion resistance, excellent strength and durability and Suitable for high-stress and harsh environments.
- Manufacturing Process for all like a CNC Turning & Milling for precision shaping, Surface Treatments like polishing, anodizing, plating, or coating as per the material grade & it's specification.



Our Motto “From Inspection to Perfection”

- At Quantum Metal, quality is not just a process — it’s a promise. We follow strict quality control procedures at every stage of production to ensure that each Metal component we deliver meets or exceeds customer expectations.
- Our in-house quality control department is equipped with advanced measuring and testing instruments to verify product integrity, dimensions, surface finish, material composition, and functional performance.



Quality Assurance

- We are **ISO 9001:2015** certified with **EMS 14001:2015** & **OHSMS 45001:2018** with committed to continuous improvement through lean manufacturing and Six Sigma practices with followed by 5S management system.
- Quality has been our guiding principle since inception. From raw material procurement to final inspection, every stage of production is backed by a robust quality management system.
- Our strict adherence to international standards ensures that each component manufactured at Quantum Metal are reliable, precise, and built to last.
- Every product undergoes rigorous testing and inspection to ensure it meets international standards.



❖ Quality Certified with ISO 9001: 2015 Quality Management System

Sertifikat

Zertifikat

Certificato

Certificado

Certificate



Certificate

This is to certify that the technical documentation for the product:

**MANUFACTURING A METAL PRECISION COMPONENTS & PARTS FROM
MATERIAL OF STEEL, BRASS, ALUMINIUM, COPPER, M.S. STEEL ETC...**

Manufactured by:

QUANTUM METAL

PLOT NO G-35/1/5, INDUSTRIAL AREA, MASITIYA ROAD, JAMNAGAR -
361004, GUJARAT, INDIA.

Complies with the requirements (technical documentation including inspection & test results)
of **General Product Safety Directive 2001/95/EC** Hence manufacturer's declaration of
conformity according to above regulation is accepted. **QUANTUM METAL** can place the **ISO
9001:2015** as per laid down regulations on the products mentioned above.

ISO 9001: 2015 QUALITY MANAGEMENT SYSTEM

Original Cycle Start Date: **04/08/2024**
Certification Audit Date: **17/02/2024**
Certificate Cycle Start Date: **04/08/2024**
Certificate No: **ECI/2401/23.05253**

Reporting Audit-1 Date: **16/02/2025**
Reporting Audit-2 Date: **16/02/2026**
Reporting Audit-3 Date: **16/02/2027**
Issue Date: **04/08/2024**

Subject to the continued satisfactory operation of the Organization's Management System,
This certificate is Valid until: **03/08/2027**



Certification Manager
Euroswiss Certification Inc.
Corporate Office - Route de Saint-Cergue 24bis Nyon,
VD 1260 Switzerland.



PAC-GEAC-2401-102

This certificate remains the property of Euroswiss Certification Inc. and shall be returned whenever demanded. The validity of this certificate can be verified at
<http://www.euroswisscert.com>. Euroswiss Certification Inc. is an independent system, product and personal assessment body accredited by Global Euro Accreditation
Centre, Georgia. (GEAC -102). Email: info@euroswisscert.com



❖ ISO 14001: 2015 Environmental Management System

Sertifikat

Zertifikat

Certificato

Certificado

Certificate



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Manufactured by:

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361004, GUJARAT, INDIA.

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14001:2015** as per laid down regulations on the products mentioned above.

ISO 14001: 2015 ENVIRONMENTAL MANAGEMENT SYSTEM

Original Cycle Start Date: **16/01/2025**
Certification Audit Date: **24/09/2024**
Certificate Cycle Start Date: **16/01/2025**
Certificate No: **ECI/2528/24.44153**

Reporting Audit-1 Date: **16/02/2025**
Reporting Audit-2 Date: **16/02/2026**
Reporting Audit-3 Date: **16/02/2027**
Issue Date: **16/01/2025**

Subject to the continued satisfactory operation of the Organization's Management System,
This certificate is Valid until: **15/01/2028**



Certification Manager
Euroswiss Certification Inc.
Corporate Office - Route de Saint-Cergue 24bis Nyon,
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PAC-GEAC-2401-102

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Centre, Georgia. (GEAC -102). Email: info@euroswisscert.com



❖ ISO 45001: 2018 for Occupational Health and Safety Management System

Sertifikat

Zertifikat

Certificato

Certificado

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MATERIAL OF STEEL, BRASS, ALUMINIUM, COPPER, M.S. STEEL ETC...**

Manufactured by:

QUANTUM METAL

PLOT NO G-35/1/5, INDUSTRIAL AREA, MASITIYA ROAD, JAMNAGAR -
361004, GUJARAT, INDIA.

Complies with the requirements (technical documentation including inspection & test results)
of **General Product Safety Directive 2001/95/EC** Hence manufacturer's declaration of
conformity according to above regulation is accepted. **QUANTUM METAL** can place the **ISO
45001:2018** as per laid down regulations on the products mentioned above.

ISO 45001: 2018 OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM

Original Cycle Start Date: **16/01/2025**
Certification Audit Date: **24/09/2024**
Certificate Cycle Start Date: **16/01/2025**
Certificate No: **ECI/2726/25.88137**

Reporting Audit-1 Date: **16/02/2025**
Reporting Audit-2 Date: **16/02/2026**
Reporting Audit-3 Date: **16/02/2027**
Issue Date: **16/01/2025**

Subject to the continued satisfactory operation of the Organization's Management System,
This certificate is Valid until: **15/01/2028**



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: Contact Us :



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