



ISO 9001 : 2015

**THE BEST SOLUTION FOR ALL SEALING PROBLEMS**

## Who We Are ?

Scorpio, An ISO-9001-2015 certified company exclusively engaged in the metal ring joint and other non-standard gaskets manufacturing since 2001. Having highly skilled, dedicated and experienced team to supply world class Standard and non- standard metal seals and engineered components in Swift time.

We can convert and bind virtually any raw material into the exact shape , dimensions & thickness required for your manufacturing needs.

### Our Vision

**Scorpio** aims to be the Preferred supplier of world class Seals and other accessories for Oil & Gas, Chemical & Process industries and Precision Machined parts to all other sectors.

### Our Mission

- ✓ To expand our operations by consistently meeting customer's expectations.
- ✓ Enhancement of customer satisfaction by adopting world class manufacturing facilities & leading technology.
- ✓ Continual improvement of productivity & quality.
- ✓ On Time Delivery.
- ✓ Competitive Pricing.
- ✓ Employee involvement & knowledge.

### Our Core Values

- ✓ Integrity: We act with integrity in accordance with the highest academic, professional and ethical standards.
- ✓ Responsible & Good Governance to have transparency and accountability
- ✓ Natural Talent, Competency and Willingness.



## Why Choose Scorpio ?



**SCORPIO.** YOUR BEST BUSINESS PARTNER



# SCORPIO FOCUSES ON

- Oil & Gas Industries
- Petrochemical Industries
- Paper & Pulp Industries
- Power Plants
- Pharmaceutical Industries
- Refineries
- Aerospace Industries
- Marine Industries
- Cement Factories & Fertilizers
- Valve & Pumps
- Chemical Industries



## **OUR FACILITY**

### **FORGING DIVISION**

**SCORPIO is also one of the best forging manufactures & suppliers amongst the various forging companies in India. Scorpio offers high quality stainless steel , Carbon alloy steel, Duplex , Inconel & various materials forgings.**

**Our organization is with a very professional structure and approach & our highly skilled team of dedicated individuals are always available to provide you our expertise and support required for all your forging requirements.**

**Being one of the most unique and trusted forging manufactures in India, we invite forging process related inquiries from any part of the world.**

**Scorpio manufactures and distributes a wide range of gaskets for the Oil and Gas, Power Generation and Petrochemical industries.**

**With extensive stock and a substantial range of in-house manufacturing capabilities right from Billets to Final gaskets. Scorpio is fully equipped to provide our customers with all of their gasket and sealing requirements.**





## FORGING DIVISION



## CNC DIVISION

**At Scorpio, our CNC Division is the backbone of exacting craftsmanship. Powered by high-end machinery and manned by skilled professionals, we deliver precision components that meet the tightest tolerances—time after time.**

- **Machining Range:** From compact Ø 20 mm pieces to large Ø 1050 mm assemblies
- **Weight Capacity:** Handling components up to 800 kilograms
- **Infrastructure:** Equipped with 25 advanced CNC machines
- **Operations:** We run non-stop—24 hours a day, 7 days a week, 365 days a year
- **Workforce:** Staffed by highly skilled professionals with deep technical expertise
- **Precision Accuracy:** Achieving tolerances as tight as 1 micron

**Every part we machine reflects our commitment to quality, consistency, and reliability—ensuring performance in even the most demanding applications.**









# VALVE TRIM DIVISION

**Scorpio's Valve Trim Division specializes in manufacturing high-performance internal valve components designed to handle high pressure, high temperature, and corrosive media in industries like Oil & Gas, Petrochemicals, Power, and Water Management.**

## What We Manufacture

- **Discs / Plugs**
- **Seat Rings**
- **Valve Stems**
- **Bushings / Sleeves**
- **Backseat Components**
- **Cage-guided Trim Assemblies**

## Materials We Work With

- **SS 316 / 304**
- **F51 / F55 Duplex**
- **Monel / Inconel / Hastelloy**
- **Stellite Hardfaced Trim**
- **Tungsten Carbide Coating**

All trims are available in standard, high-pressure, and custom-engineered configurations.

## Industries Served

- **Oil & Gas Refining & Distribution**
- **Power Generation (Steam & Hydro)**
- **Petrochemical & Fertilizer Plants**

# VALVE TRIM CHART

API Trim No.	API Trim No.	API Trim No.	API Trim No.	API Trim No.	API Trim No.
1	410	410	410	410	410
2	304	304	304	304	304
3	F310	310	310	310	310
4	Hard 410	Hard 410	410	410	410
5	Hardfaced	Stellite	Stellite	410	410
5A	Hardfaced	Ni-Cr	Ni-Cr	410	410
6	410 and Cu-Ni	Cu-Ni	Cu-Ni	410	410
7	410 and Hard 410	Hard 410	Hard 410	410	410
8	410 and Hardfaced	Stellite	410	410	410
8A	410 and Hardfaced	Ni-Cr	410	410	410
9	Monel	Monel	Monel	Monel	Monel
10	316	316	316	316	316
11	Monel and Hardfaced	Stellite	Monel	Monel	Monel
12	316 and Hardfaced	Stellite	316	316	316
13	Alloy 20	Alloy 20	Alloy 20	Alloy 20	Alloy 20
14	Alloy 20 and Hardfaced	Stellite	Alloy 20	Alloy 20	Alloy 20
15	304 and Hardfaced	Stellite	Stellite	304	304
16	316 and Hardfaced	Stellite	Stellite	316	316
17	347 and Hardfaced	Stellite	Stellite	347	347
18	Alloy 20 and Hardfaced	Stellite	Stellite	Alloy 20	Alloy 20



# POLYMER DIVISION

**Your Partner for High-Performance Pressurized Rubber Injection  
Moulded & Cast Polyurethane Components  
Shaping Resilience, Precision, and Performance**

**Scorpio's Polymer Division includes both pressurized rubber injection moulding and high-performance cast polyurethane manufacturing. We deliver robust, repeatable, and dimensionally accurate parts for industrial, automotive, and engineering sectors with unmatched durability and customizability.**

## Why Choose Scorpio Polymer Division?

- **Rubber Injection Moulding**
- **Uniform and Consistent Part Quality**
- **High Production Efficiency and Low Cycle Times**
- **Superior Dimensional Accuracy and Surface Finish**
- **Optimized for Complex Geometries**
- **Suitable for High-Volume Production**
- **Polyurethane Casting**
- **Tear and Abrasion Resistant**
- **Chemically Inert & Corrosion Proof**
- **Impact Resilient & Highly Elastic**
- **Temperature and Weather Tolerant**
- **Customizable Shapes, Colors, and Durometers**

## Our facility includes:

- **Precision Injection Moulding Machines (Hydraulic & Servo)**
- **Large Format Ovens for Polyurethane Post-Curing**
- **Hot Cast Polyurethane Machines**
- **Degassing & Pre-heating Chambers**
- **Mould Temperature Control Units**
- **Grit Blasting & Spray Coating Stations**
- **CNC Machining & Finishing**
- **Full QA & Testing Laboratory**



## Product Applications

- Rubber Division – Industrial & Automotive
- Torque Rod Bushes
- V Stay Bushes
- Centre Pivot Bushes
- Bump Stops
- Link Arm Bushes
- Polyurethane Division – Cast PU Products
- PU Wheels (Drive Wheels, Load Wheels)



## OUR PRODUCT RANGE

We provide the following sealing solutions: -

- Ring Gaskets (RTJ)
- R Series Gaskets (R Type Oval & R type Oct)
- RX Series Gaskets
- BX Series Gaskets
- Subsea Series Gaskets
- Combination RTJ Gaskets
- Rubber Coated Gaskets
- PTFE Coated Gaskets
- Split Gaskets
- Valve & Wellhead Gaskets
- Bonnet Gaskets
- IX Sealing Rings
- VX & AX Sealing Rings
- Lens Rings
- Kammprofile Gaskets
- Spiral Wound Gaskets
- Flange Insulation Kits
- Forged Components
- High Tensile Fasteners
- Plug Gaskets
- Blind Flanges
- Spring Energized Seals

### Materials:

Soft Iron, LCS, SS316, SS316L, SS304, SS321, SS347, SS410, SS904L, Inconel 825, Inconel 625, Inconel 718, Duplex/Super Duplex, SMO 254, Hastelloy C276, Incolloy 800H, Monel 400, F5.F9,F11,F22,Titanium, High chromium items and many more.



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