

Engineered for your success.

All our products are engineered to the OE specifications to keep your equipment operating at peak performance.



Engine Valves

AVR (Vikram) Valves offers the most complete range of high-quality and performance Engine Valves in the industry. AVR (Vikram) Valves offers high performance Engine Valves based on OEM specifications or as per custom specifications to suite customer needs. We produce Engine Valves for OEM and the Aftermarket - always according to the same strict quality standards.

Engine Valve Types & Features

- Mono-Metal Valves
- Bi-Metal Valves
- Seat Stellite (Cobalt & Nickel base)
- Tip & Seat Induction Hardening
- Stainless Steels with or without Tufftriding
- Hard Chrome/Nitrided Stem
- Profile & Through Hardened Grooves
- Spiral-Polished Under Head

Engine Valve Materials

- Martensitic Steels
- Austenitic Steels
- Super Alloys - Inconel Steel, Nimonic Steel

Engine Valve Size Range

- Stem Diameter: 4 to 16 mm
- Head Diameter: 15 to 70 mm
- Length: 50 to 300 mm



More than 3500+ types of Intake and Exhaust Engine Valves

Technology & Advantage

- The "Vikram" lightweight: Engine Valves offer better engine performance, improved fuel efficiency and meet changing emission norms.
- Withstand high peak firing pressure because of Flat Seat Valves for Heavy Duty Diesel Engines.
- Improved fatigue and corrosion resistance due to higher case depth of Nitride Valves.
- All our Valves are duly Heat Treated thereby increasing toughness & wear resistance on Stem & Seating areas.
- Valves have Hardened Lappet End to sustain Excess Cyclic Load from Overhead Cams.
- Valves are made from OE specifications containing Martensitic & Austenitic Steel having High Creep Strength.
- All Valves undergo 100% inspection for critical characteristics and achieve Cp and Cpk values.
- Valves undergo 100% crack detection.
- All Complaint parameters cover with Firewall Control.

Custom Engine Valves

Whether you require modification of existing Engine Valve or wish to design and develop a new Engine Valve with specific requirement, AVR (Vikram) Valves has the knowledge, experience and proper tools to comply with any demand presented.

Valve Train Components

AVR (Vikram) Valves offers the benefits of more than 50 years' experience in Valve Train Systems and our high quality Valve Train Components have earned industry-wide respect. We make sure that all the Valve Train Components are compatible and industry-specific. The components we deliver to the clients are strictly based on our company's quality standards and are quality checked passed.

Valve Seats



Springs



Valve Guides & Tappets



Push Rods



Valve Spring Retainers



Valve Collets



Applications

As a major supplier to OEM, Tier 1 and Aftermarket Suppliers, we manufacture Engine Valves & Valve Train Components for

- Heavy Duty Vehicles (HCVs)
- Light Duty Vehicles (LDVs)
- Tractors & Farm Equipment
- Locomotives
- Passenger Cars
- Two & Three Wheelers
- Stationary Diesel Engines
- High Performance Cars
- Marine Engines
- Heavy Duty Diesel Engines
- Earth Moving Equipment

IATF 16949:2016 Certified

About AVR (Vikram) Valves

Since **1975**
50 years of Experience

Production Capacity
10 Million Engine Valves Per Annum

IATF
16949:2016 Certified Company

Production Range
3500+ Types of Engine Valves

Production Facility
450000 Square Feet

With a proud legacy spanning more than 50 years, AVR (Vikram) Valves is a renowned manufacturer of high performance Engine Valves and Valve Train Components under the brand name VIKRAM, serving OEMs & Aftermarket in local and global market. Our range of products includes Engine Valves, Valve Guides, Valve Seats, Cotters / Collets, Push Rods and Tappets for various applications. Each of these products is manufactured specifically to suit our customer's unique application and functional requirements. With wide range of products, we have established a niche for ourselves in the industry covering OEMs in Indian Automobile Industry and Tier 1 suppliers whom we export our products.



VIKRAM

AVR Valves Pvt. Ltd. (Formerly Vikram Valves & Gen. Ind.)

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IATF 16949:2016 ISO 14001:2015 ISO 45001:2018

Where performance matters

What matters to you,
matters to us.



Exporting to more than
50 Countries



AVR (Vikram) Valves Pvt. Ltd.

www.vikramvalves.com

Advantage, Expertise and Innovation



World-class Manufacturing Facilities

All engineering, design, forging, heat treatment, machining and testing are performed under one roof at our Rajkot Facility. Our complete in-house manufacturing process allows for complete traceability and quality control at every step, from the initial inquiry to shipping the product out the door. Having the ability to design, engineer, prototype, test, and manufacture under one roof has proven invaluable to our clientele.



Quality Assurance

Quality is at the heart of our success. AVR (Vikram) Valves is committed to providing high quality products and services that consistently meet or exceed customer expectations. The focus on quality begins at the earliest stage of product design and carries through to the end user. We comply with applicable regulatory requirements and continue to ensure the effectiveness of the quality management system. Our quality philosophy is not restricted to the quality of the product. It covers all the areas contained in IATF 16949:2016 including management responsibilities, production control, research and development, customer service and efficient environment-friendly technology.