



**FASTENERS
GLANDS &
MACHINED
ITEMS**



New Plant Dedicated to High Quality Fasteners & Glands



With over 50 years of experience and accumulated knowledge, KMP has acquired the distinction of being a one-stop-destination for world class design & manufacturing of hydrodynamic fluid film bearings.

Our bearings typically find application as in steam, gas and hydro turbines, turbo generators, high speed compressors, gear boxes, heavy duty pumps and other critical rotating equipment.

VADODARA PLANT

In early 2021, KMP opened it's new plant at the Siemens Ltd Technopark in Vadodara.

This plant has been set up with a vision to provide high quality Fasteners, Glands and other machined items to our Customers, in addition to our range of Fluid Film Bearings.

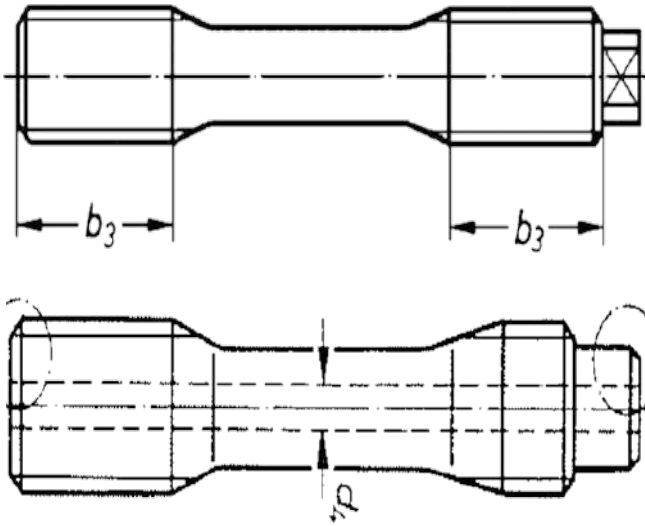
As of 2023, we have successfully developed the over 1200 different items, including Front, Rear and Balancing Piston Glands, Stud Bolts, Nuts, Pins, Sleeves, Safety Blocks etc.

We continually strive to further address pain points for our valued Customers, and ensure mutual success in the future.



KMP FASTENERS

We manufacture a comprehensive range of fasteners, suitable for use at elevated temperatures in Turbines, Gearboxes, Pumps, Compressors and other critical rotating machines.



STUDS & STUD BOLTS

METRIC THREAD

DIN 2510: M12 to M120

DIN 976: M12 to M72

DIN 938/939: M12 to M52

TUN 12110.100: M42 to M140

UNC THREAD: 1/4" to 4"



NUTS

METRIC THREAD

PIPE NUTS: M52 to M140

CAP NUTS

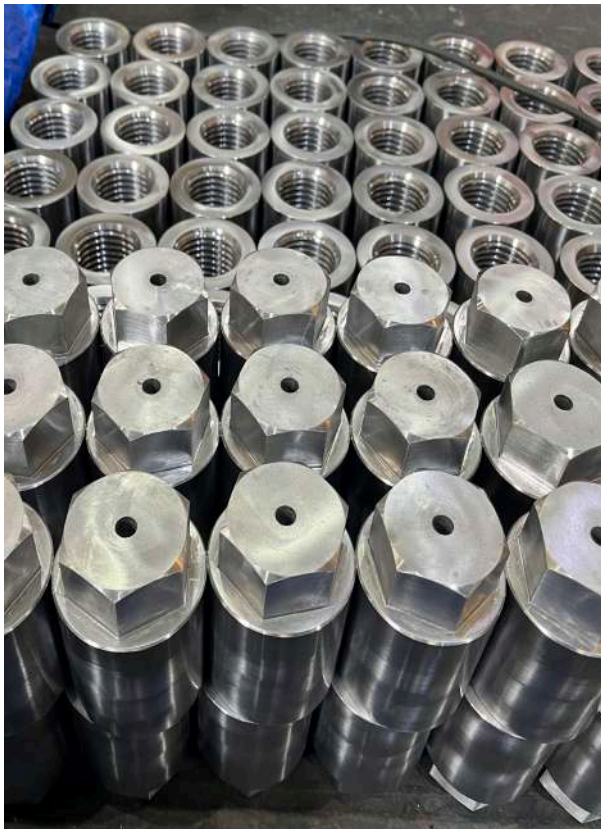
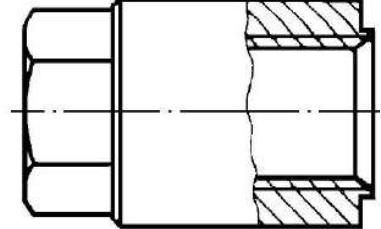
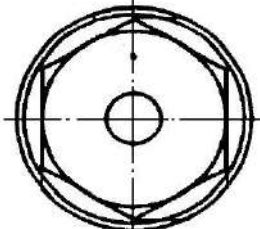
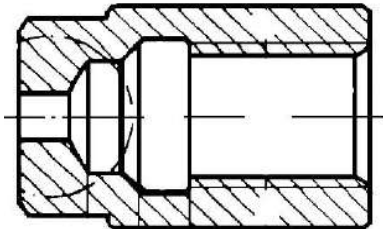
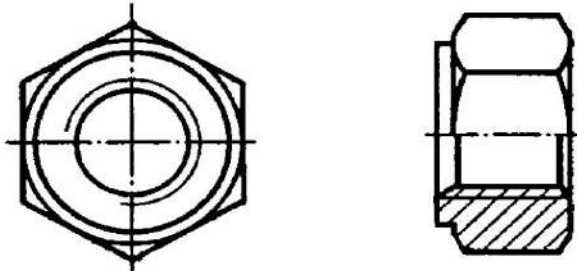
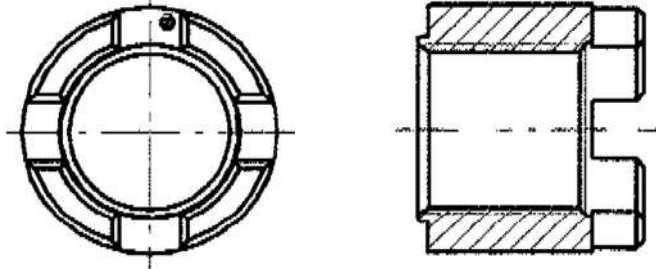
DIN 2510: M12 to M120

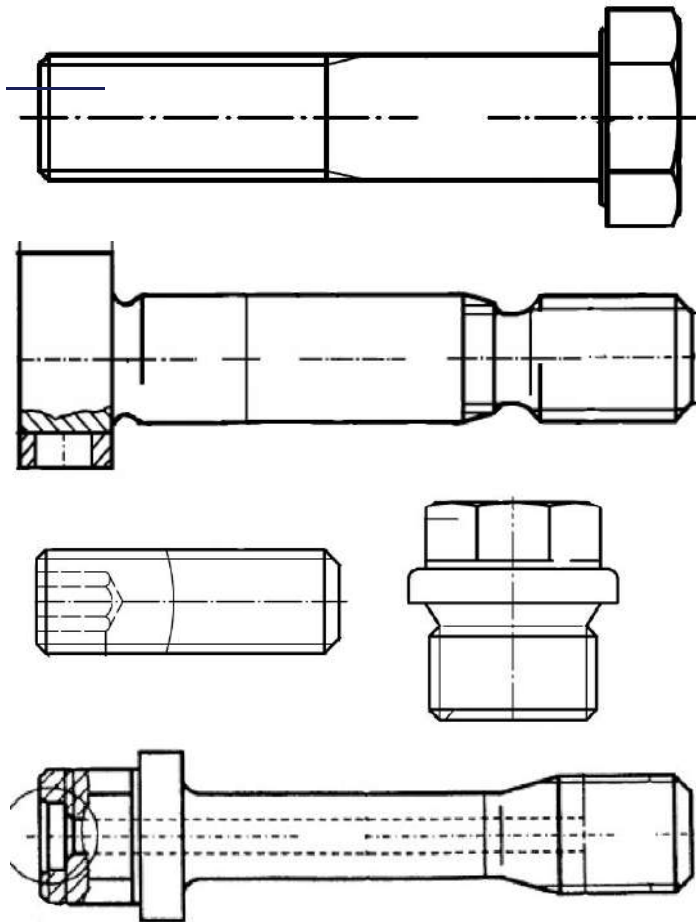
TUN 12100.109: M42 to M140

HEX NUTS: M12 to M140

UNC THREAD

HEX NUTS: 1/4" to 4"





BOLTS & SCREWS

METRIC THREAD

HEX BOLTS

ANSI B18.2.3.5M: Up to M100

ISO 4014: Up to M64

COUPLING BOLTS

TUN 0155.4: Up to M72

TUN 14118.100: Up to M72

SCREWS

ISO 4017: Up to M64

ISO 4026/4028: Up to M24

ISO 4762: Up to M64

TUN 12110.101: Up to M120

TUN 12100.111: Up to M120

SCREW PLUGS

DIN 910: Up to M64

UNC THREAD

SCREWS: 1/4" to 4"



PINS

PARALLEL PINS

ISO 2338: Up to $\text{\O}50$

ISO 2340: Up to $\text{\O}100$

ISO 8733: Up to M24

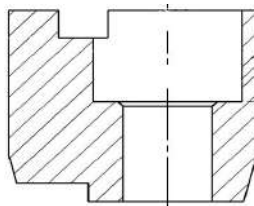
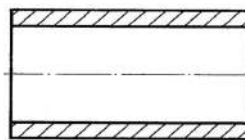
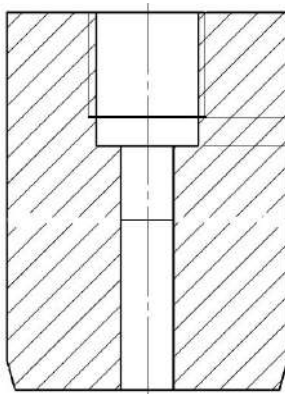
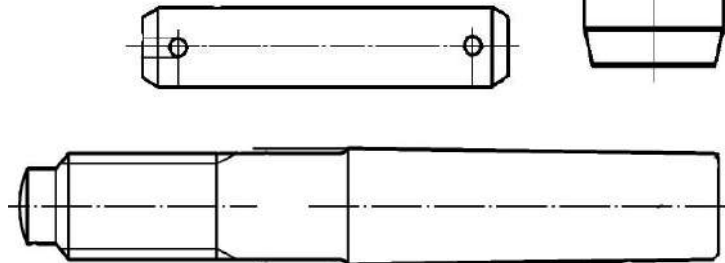
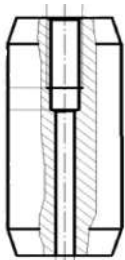
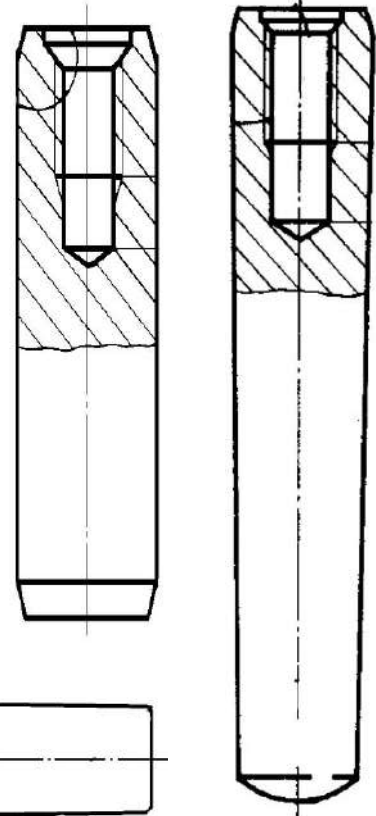
MUN 610.1/1: Up to M24

TAPER PINS

DIN 258: Up to M36

ISO 2339: Up to $\text{\O}50$

ISO 8736: Up to M24



SLEEVES & BUSHINGS

SLEEVES

Up to OD 184, for Bolts up to M125

BUSHINGS

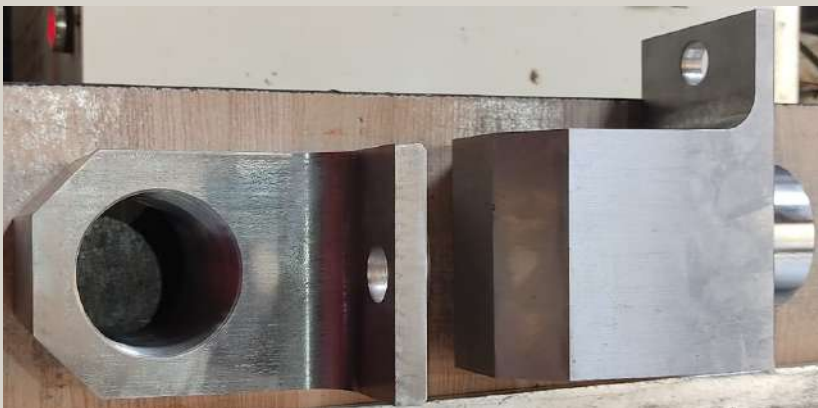
Side/Bottom Key up to $\text{\O}95$



OTHER MACHINED ITEMS

In addition to the above, we also manufacture a variety of other machined items including:

- Parting Joint Brackets
- Axial Guides
- Safety Blocks
- Flanges
- Cover Plates
- Washers
- Seal Rings
- **Rotary Valve Kit:**
 - Valve Spindle
 - Valve Base
 - Guide Super Structure
 - Connecting Plate
 - Other Hardware



MATERIALS

We use the highest quality Forged Rounds, sourced from a select group of carefully selected suppliers, to ensure excellent strength & durability in all our fasteners.

Each batch of raw material is tested at an independent NABL approved laboratory for physical & chemical properties, and the same is certified along with our supplies.

A broad range of materials stocked and used by us can be found below:

- X22CrMoV12-1 + QT1
- 21CrMoV5-7 + QT
- 13CrMo4-5 + QT
- 42CrMo4 (EN 19)
- ASTM A194 Grade 2H
- ASTM A193/A194 Grade B7
- ASTM A193/A194 Grade B16
- ASTM A437 Grade B4B
- 070M20 (EN 3A)
- E295GC+C
- S235JR
- S355J2+N
- S355J2C+C (EN8)
- C35E
- C45
- SS 316L
- SS 410



KMP GLANDS

We manufacture a wide variety of Glands for use in Turbines, with OD's ranging up to 900mm, and weight ranging up to 600kg.

We use Forgings as raw material for all our glands, ensuring better structural integrity and increased life cycle. All our Glands come fitted with the highest quality of parting plane fasteners.



BALANCING PISTON GLANDS

COMMONLY USED MATERIALS

11CrMo9-10

13CrMo4-5

ASTM A182 F11 Class 2

FRONT & REAR GLANDS

COMMONLY USED MATERIALS

13CrMo4-5

ASTM A182 F11 Class 2

ASTM A29 Grade 1020



QUALITY & CERTIFICATIONS

KMP is privileged to enjoy a high profile global customer base, and takes immense pride in its commitment to extend the best bearing solutions and related technical support to all its existing and potential customers.



In-house testing and quality control facilities of International standards, together with continuous Research & Development programs form integral parts of both KMP units, which are duly accredited with ISO:9001-2015 quality management system certifications.



KMP enjoys a 'High' Performance & Credit rating certified by Dun & Bradstreet (D&B).



KMP enjoys a 'Star Performer' rating from the EEPC, and is a recipient of numerous awards for ongoing excellence in export performance.

SUSTAINABILITY

KMP has always considered sustainable development a key priority, and taken initiative to become:



A Zero Pollution Company - with both plants located in 'Green Zones', which are special economic zones reserved for non polluting industries.



A Zero Waste Company - 100% of industrial by products are being recycled.

"KMP is a member of the Bureau of Indian Standards, and continues to help create bearing specifications in conjunction with ISO Standards. The Company is also a member of the World Energy Council."

KANPUR METAL PRODUCTS

93-B, Udyog Nagar
Kanpur - 208 022, India

KMP TECHNOLOGIES PVT. LTD.

3J, Udyog Vihar, Ecotech II
Greater Noida - 201 306, India

KMP TECHNOLOGIES PVT. LTD.

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