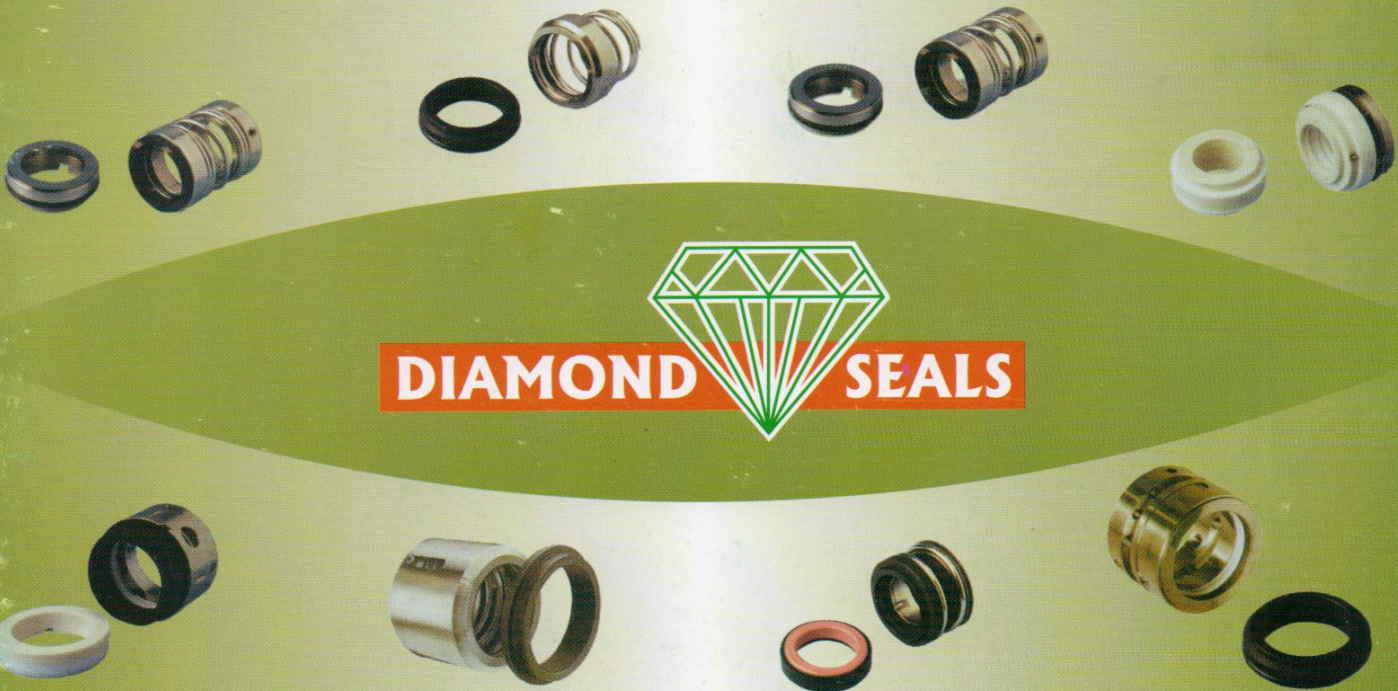


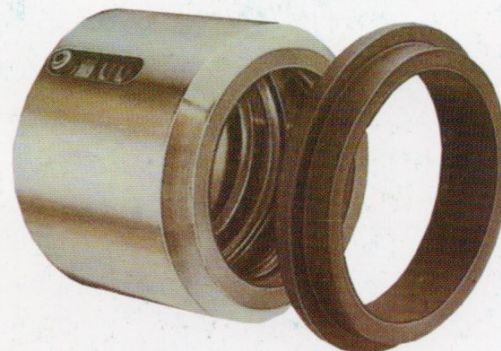
DIAMOND SEALS



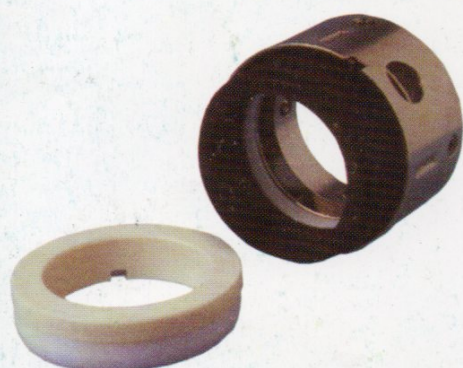


DSR

This designed seals are single spring type can handle easily. They are self cleaning and non clogging. The spring ensures constant of making faces and most efficient seals to provides..



Temp.	Press	S. Speed
-20°C to -204°C	6 Bar	4500 RPM



DSP3 / DSP7

This type of seals are designed to handle clear fluids. It has a compact design with interchangeable parts, hence easy in installation and maintenance. Multi spring design ensures uniform pressure on seal face under all operating conditions.

DSS3 / DSS7

It is a single coil spring with a conical unidirectional design. This seal have a self driving spring. It is available in different face material with other combination according to the application.

Seal Type	Temp.	Press	S. Speed
DSP3	-50°C to -260°C	10 Bar	3500 RPM
DSP7	-50°C to -260°C	40 Bar	3500 RPM

Seal Type	Temp.	Press	S. Speed
DSS3	-50°C to -260°C	10 Bar	3500 RPM
DSS7	-50°C to -260°C	25 Bar	3500 RPM



DSM3 / DSM7

This is a single coil spring independent of the direction. This type of seal is designed to handle liquids of varying contamination including slurries, sludges, sewage, viscous or abrasive media etc. Different seal faces available according to the application.



Seal Type	Temp.	Press	S. Speed
DSM3	-50°C to -260°C	10 Bar	3500 RPM
DSM7	-50°C to -260°C	40 Bar	3500 RPM



DSUJ

This is a multi spring seal range is designed for universal application and the interchangeable parts. This concept is ideal for stock rationalization. The seal faces are loosely inserted and can be easily exchanged, the thrust ring is retained by the drive lugs, preventing the springs from falling out.

Temp.	Press	S. Speed
-20°C to -204°C	10 Bar	3500 RPM

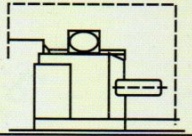
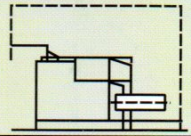
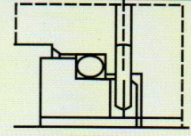
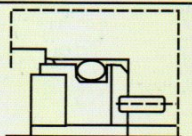
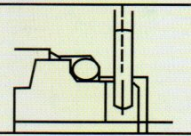
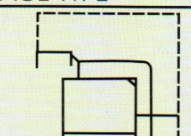
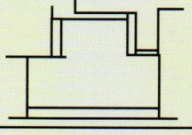
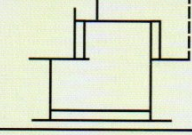


DSHS3

This series are design to handle extremely corrosive fluids such as acids, alkalies, strong oxidizing/ reducing agent etc. All seal components that comes in contact with the fluid are chemically inert materials like PTFE, GFT and ceramic. These type of seals are mounted externally so that the metal parts are kept out of contact with media.

Temp.	Press	S. Speed
Upto 120°C	6 Bar	4300 RPM

Diamond Stationary Seal Face

STATIONARY SEAL FACE TYPE	MATERIAL	STATIONARY SEAL FACE TYPE	MATERIAL	STATIONARY SEAL FACE TYPE	MATERIAL
DA 	TC/Sic Shrunk Fitted in SS 316	L3 	SOLID Cer / TC / Sic	L7 	SOLID Cer / TC / Sic
STATIONARY SEAL FACE TYPE	MATERIAL	STATIONARY SEAL FACE TYPE	MATERIAL	STATIONARY SEAL FACE TYPE	MATERIAL
H 	TC/Sic Shrunk Fitted in SS316	L5 	Carbon	D1 	Ni-resist/ Ceramic/ TC / Sic.
STATIONARY SEAL FACE TYPE	MATERIAL	STATIONARY SEAL FACE TYPE	MATERIAL	STATIONARY SEAL FACE TYPE	MATERIAL
T 	SOLID Ceramic	L9 	TC/Sic Shrunk Fitted in Ss316 or Ceramic		

Range and applications

Diamond Seals manufacture a wide range of Mechanical shaft Seals backed by over one decade of experience and expertise in sealing technology. We manufacture highly efficient and reliable Mechanical seals of Centrifugal pumps, Turbine pumps, Mixers, Agitators, Kneaders, Autoclaves, Compressors, Jet/ Beam Dyeing machines and other equipments having rotating shafts. Our mechanical seals are serving the needs of Chemical processing, Petro-chemical processing, Oil & Natural gas, Fertilizer, Solvent Extraction, Power Generation, Textile processing and other industries.

Exclusive features

- ◆ Simple well proven designs
- ◆ Wide selection of materials of construction
- ◆ Superior mating face combination
- ◆ Easy to install and maintain.

Manufacturing and Quality control

Today we have the strength of a team of committed engineers technocrats backed by one of the most modern manufacturing facilities of its kind. Our production and quality control specialist continuously inspect products, components, assemblies and machine tool operations on the production floor. Critical parts get special attention to ensure that they meet the closest engineering tolerances. These stringent procedures guarantee mechanical seals of reliability and efficiency.

Design and Application Engineering

A number of factors must be considered before selecting a Mechanical Shaft seal for an application. Shaft Size, Speed, Pressure, temperature, chemical & Physical characteristic of the process liquid and the equipments in which the seal is to be installed all play a vital role in seal selection. The actual selection and design is often a compromise between several factors, along with availability of space, raw materials, environmental controls and past experience.