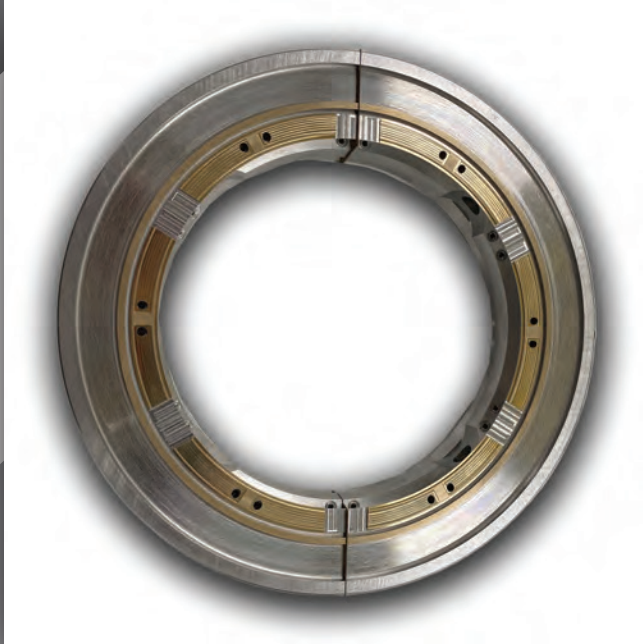


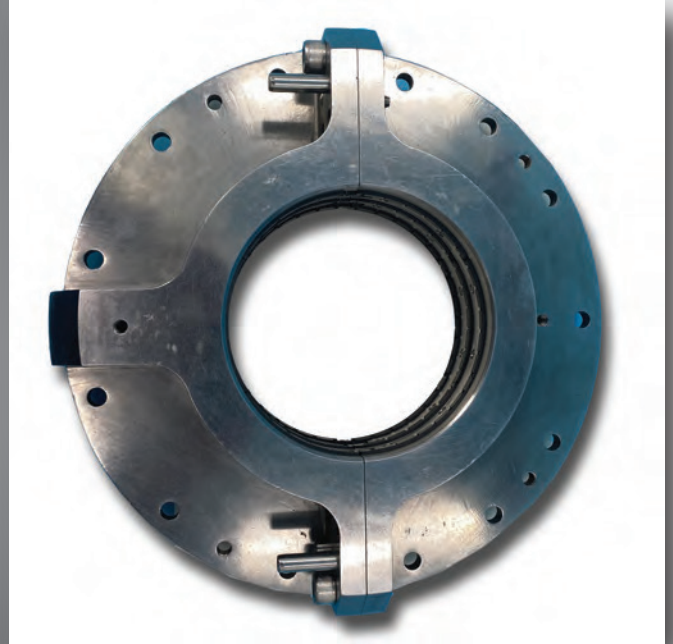


STEIN SEAL INDUSTRIAL

SPLIT SEALS



Split Seal



Split Seal

Stein Seal Split Seals

Split-cartridge mechanical seals are an innovative solution for challenging applications involving turbines, compressors and other rotating equipment when conventional mechanical seals may not be practical.

Replacing or repairing seals on large compressors, pumps, and heavy industrial equipment can be time-consuming, labor-intensive, and costly. The expense can be considerable enough to deter some equipment operators from performing preventive maintenance as suggested by equipment manufacturers. This, of course, can result in equipment damage or failure, at an even greater cost, down the line. Split mechanical seals can alleviate this problem by permitting the replacement of shaft seals without requiring removal of the shaft assembly, the motor, or any other equipment. Swapping out a Stein split seal can be accomplished without significant downtime or additional labor cost.

Stein Seal Industrial
375 East Church Road
Telford, PA 18969
U.S.A.





Dry-gas-buffered split seal featuring a three-chamber seal design matrix with patented carbon geometry to provide optimum performance and ensure long life. This seal design also includes Stein's custom high-temperature O-rings. Stationary primary sealing elements are fixed to the housing or other equipment through which the rotating shaft passes and seals against the rotating runner/sleeve element.

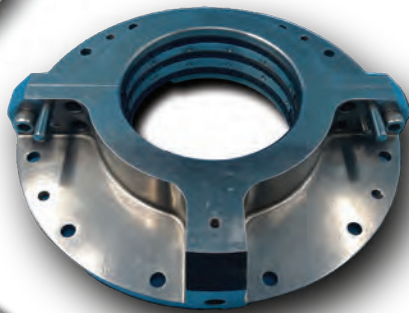
While split seals can prove cost-effective in the long run, their initial cost is considerably higher than conventional mechanical seals. Determining whether a split-seal solution is appropriate for any given application necessitates comparing the price of the more expensive split seal with the frequency and associated cost of maintaining the conventional seal currently in place.



Split-seal male carbon with alignment pin in steel housing.

Locking ring design allows for ease of disassembly and repair.

Seals can be removed from the field and remanufactured at Stein's state-of-the-art repair facility.



Assembled split seal for a power generation application.

14" shaft size

This represents one of six different split-seal designs developed over our 65-year history.



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