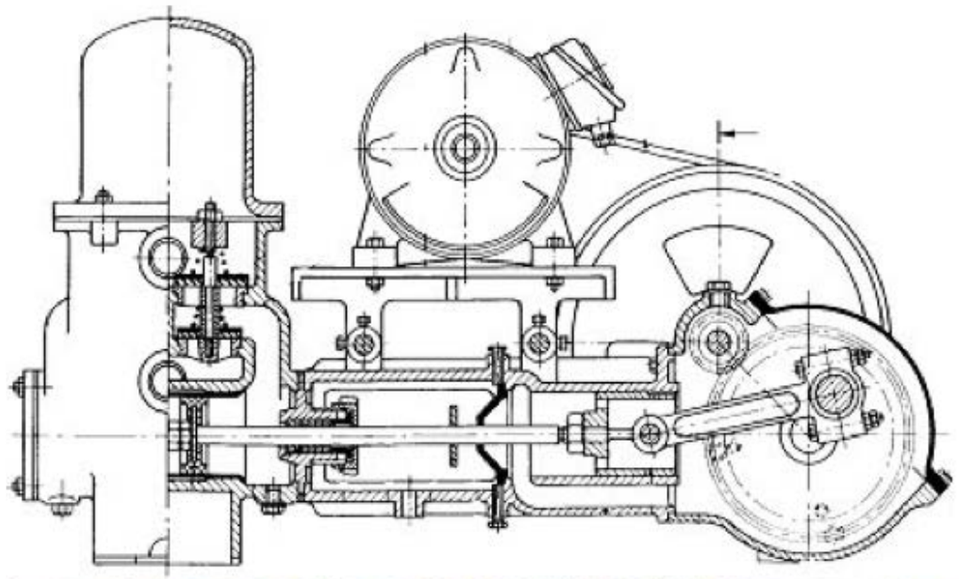
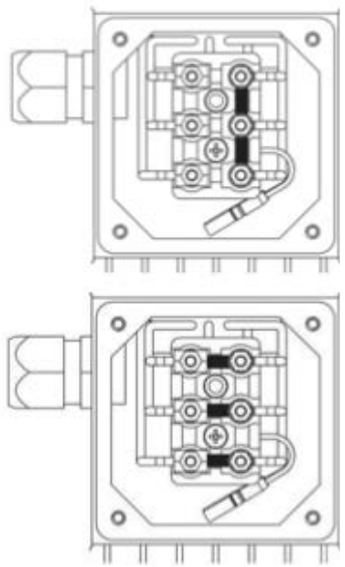
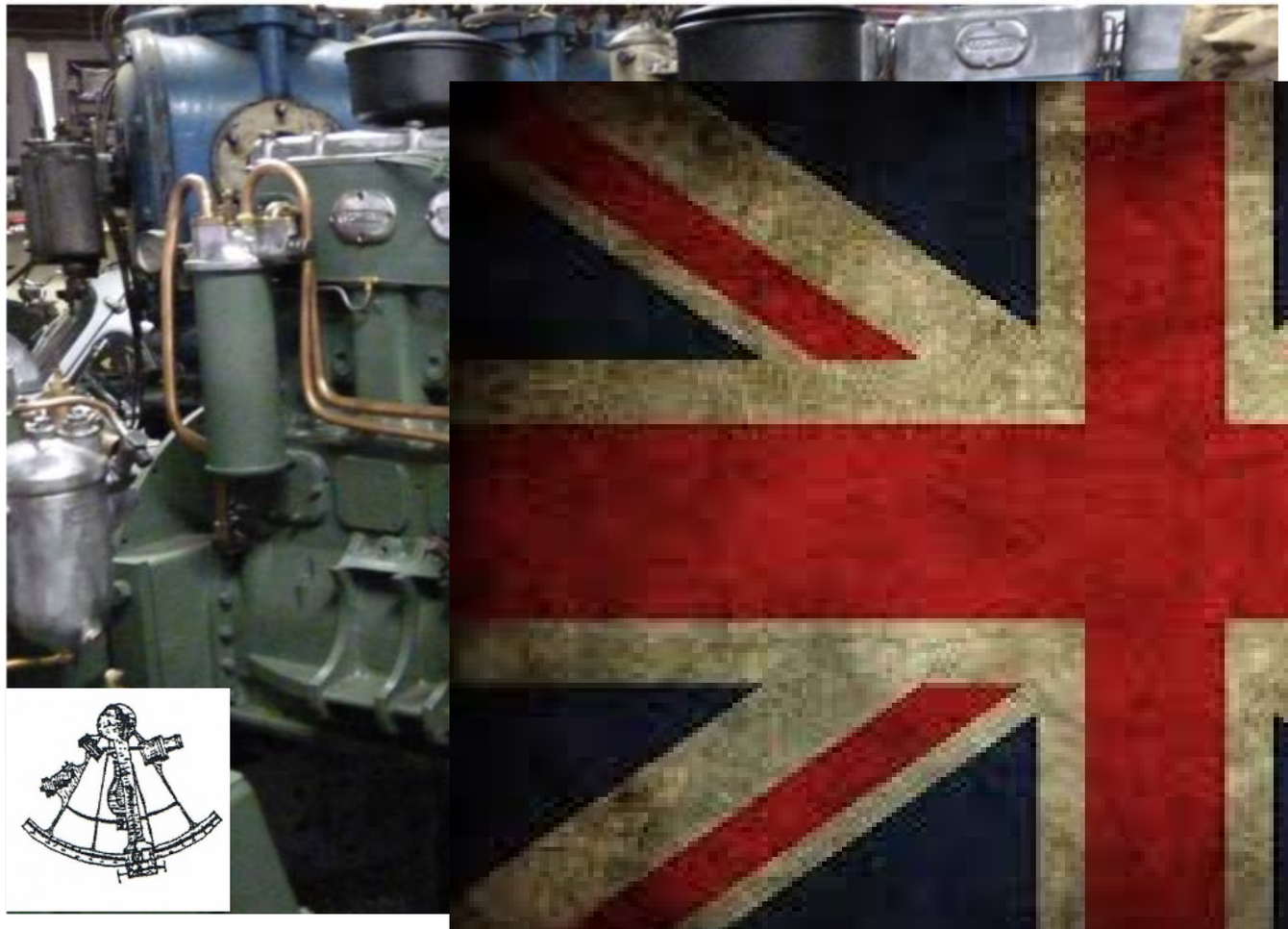
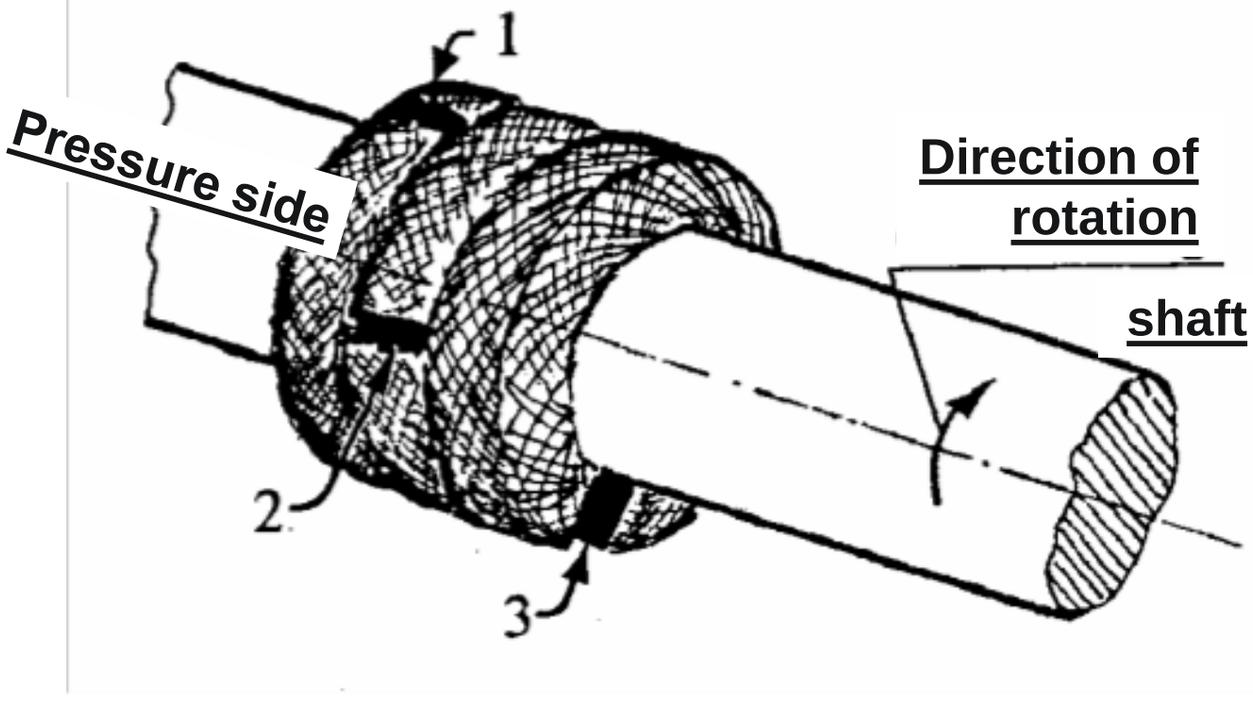
Shaft Sealing

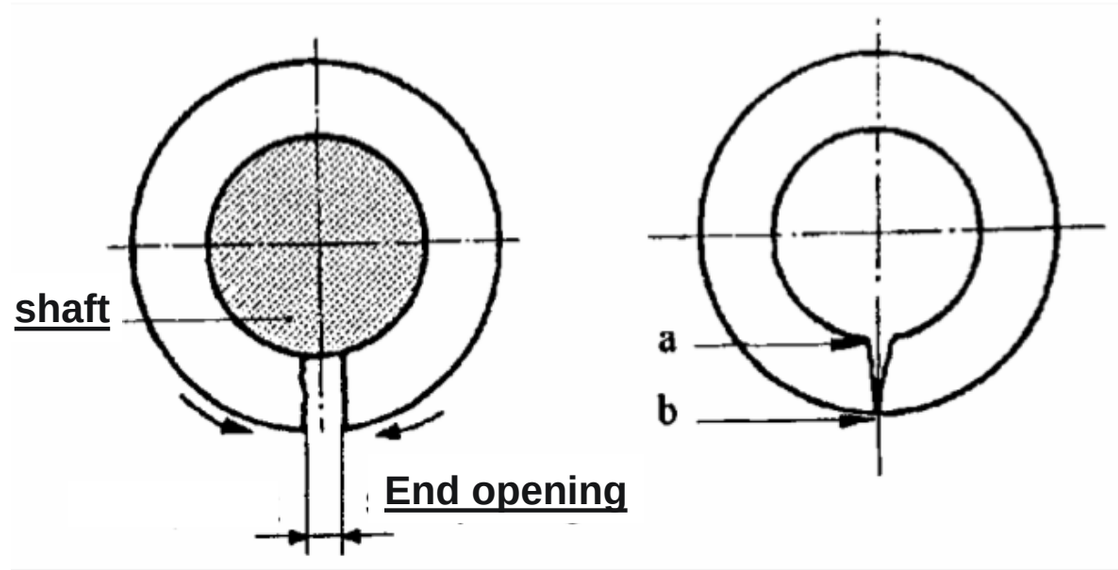






Stuffing box





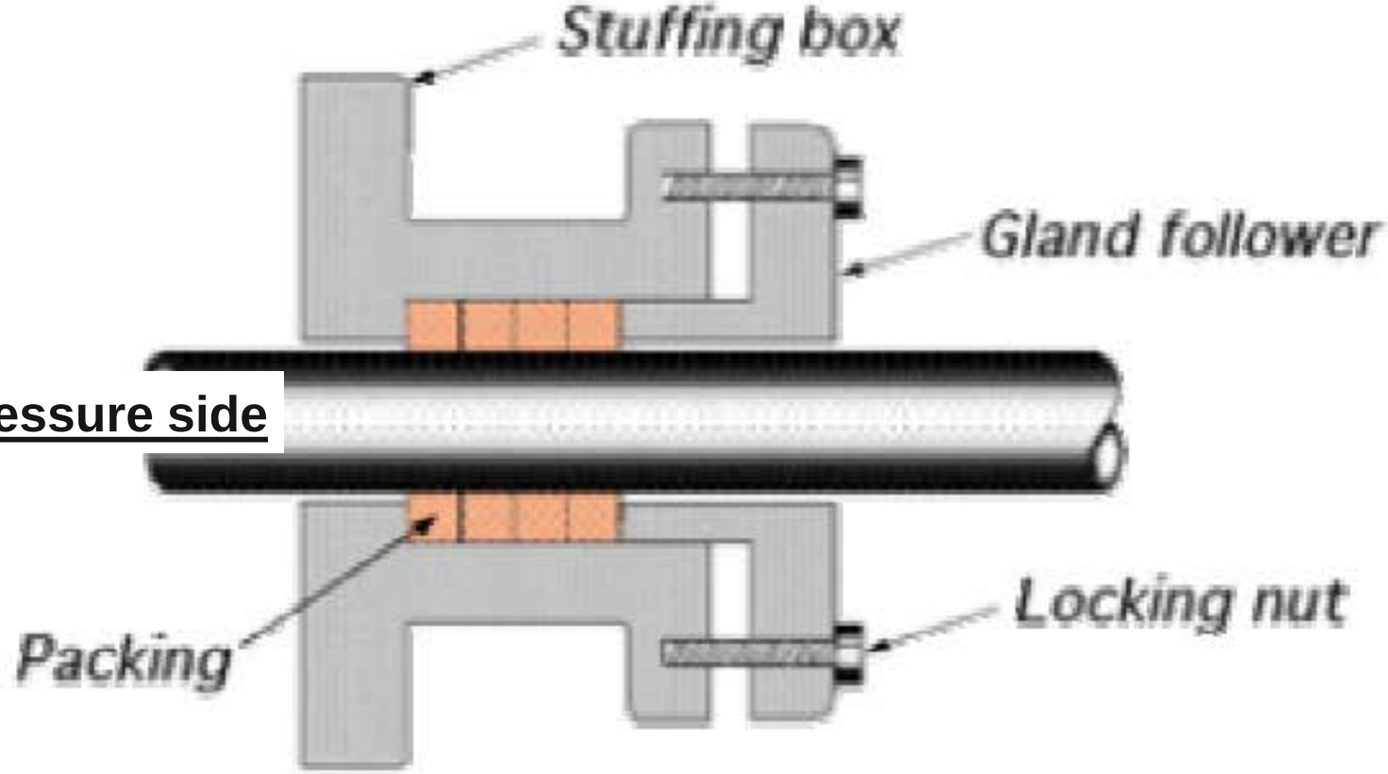


Figure:5 Typical stuffing box assembly.

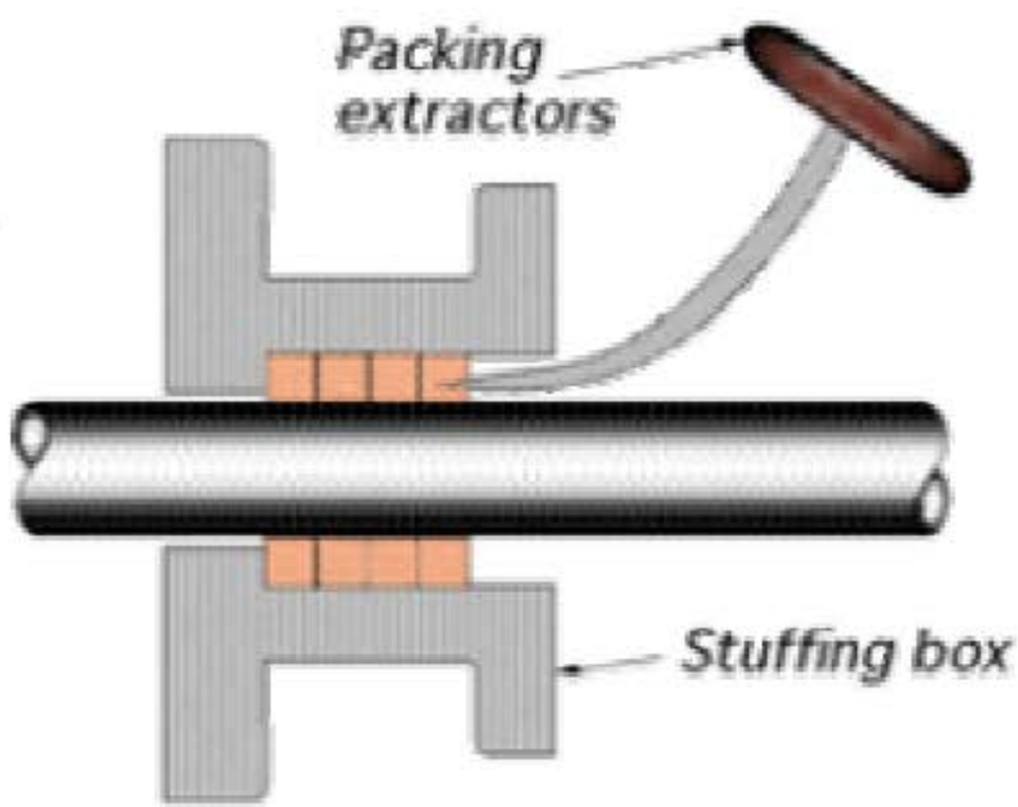
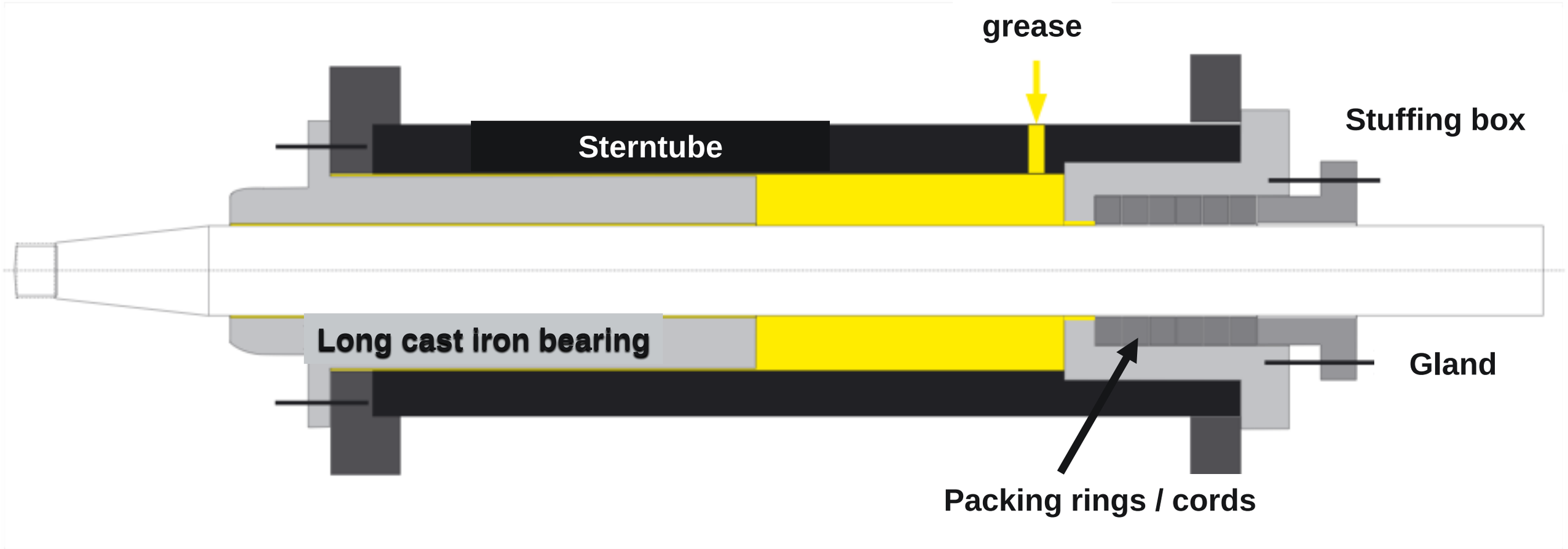
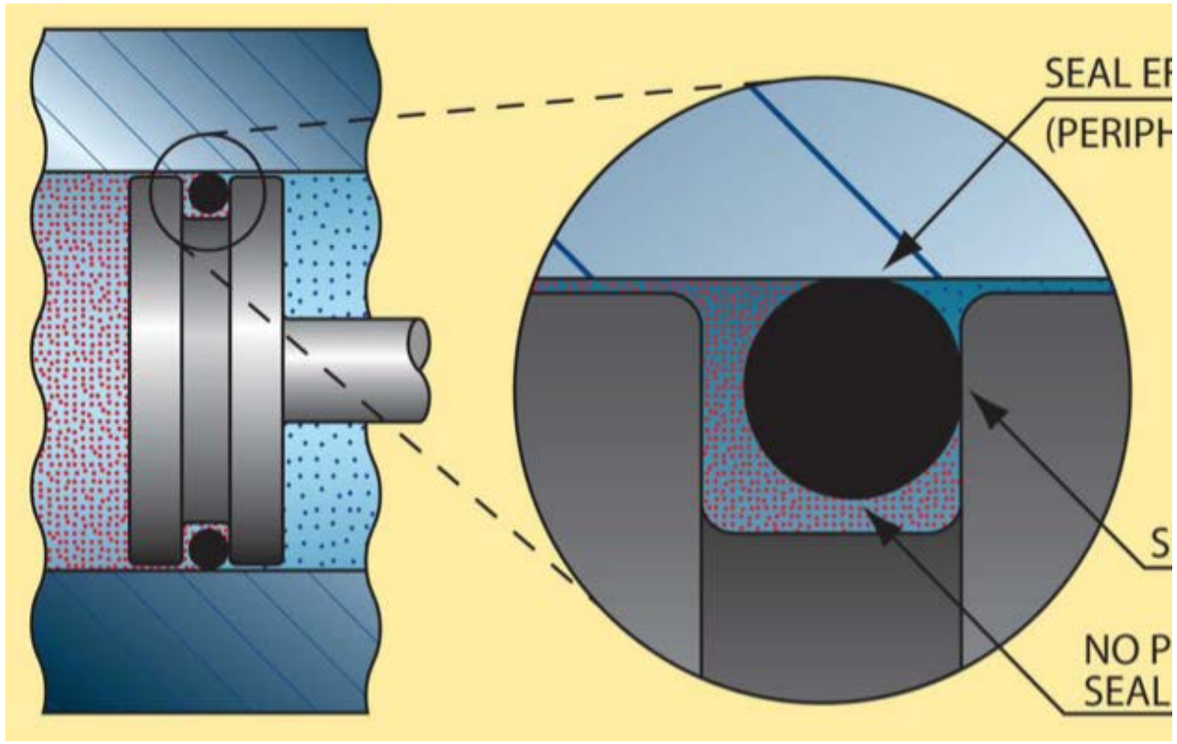


Figure:6 Remove old packing with extractors.

Propellorshaft with sealing and bearings



O-ring seal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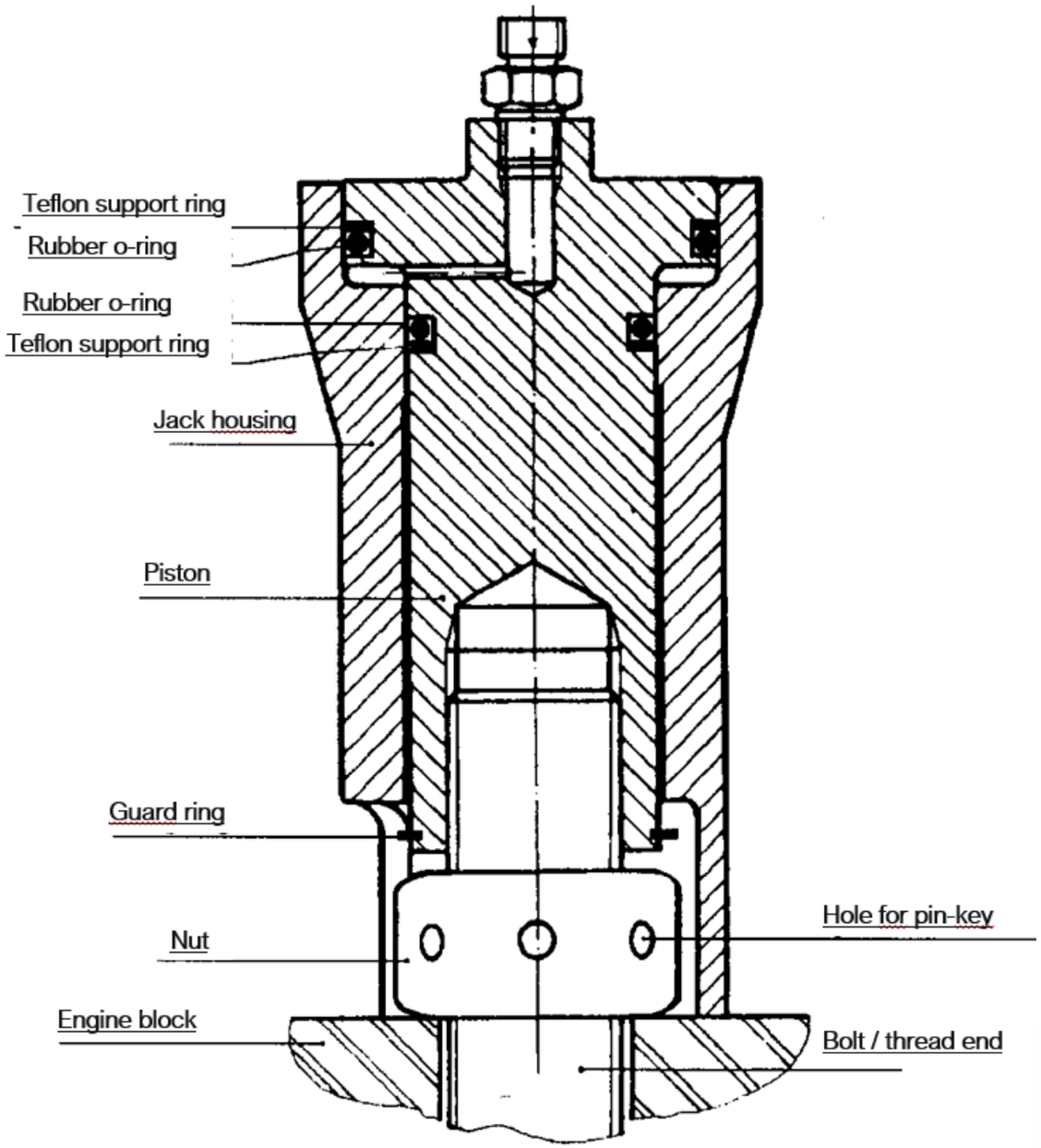
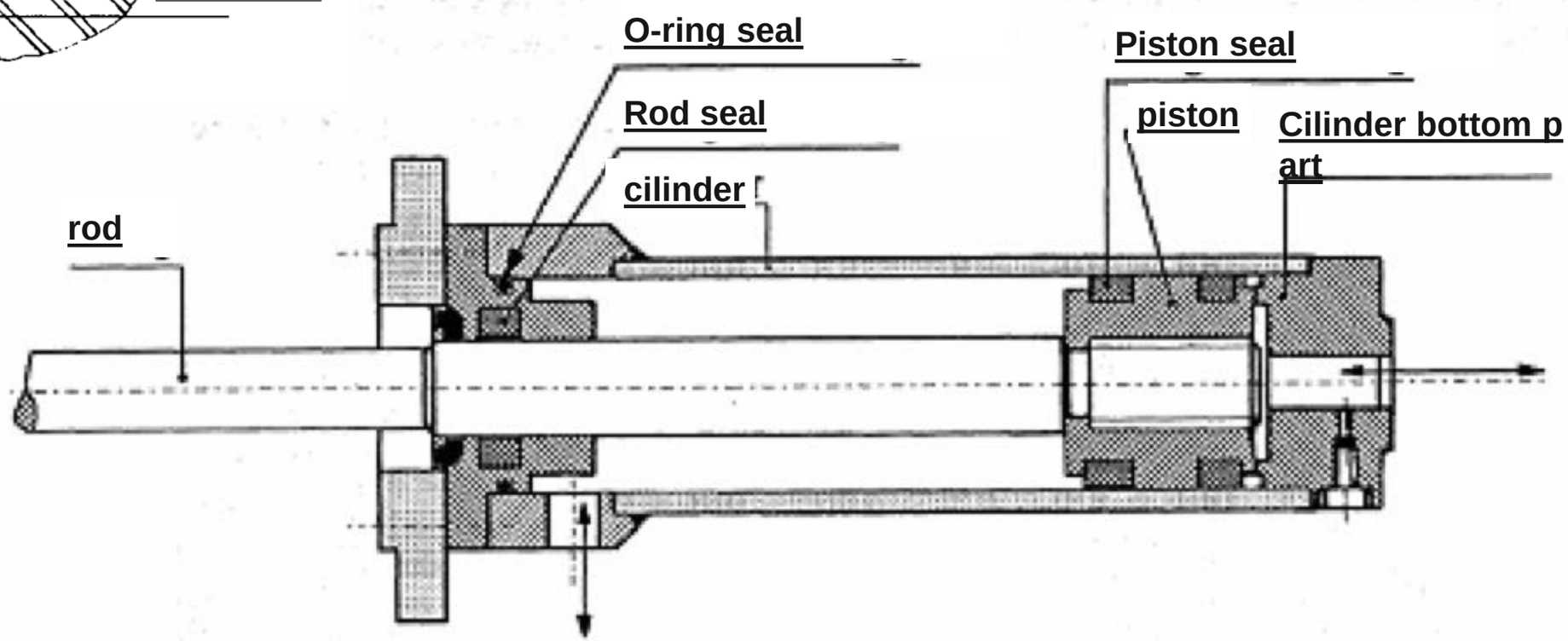
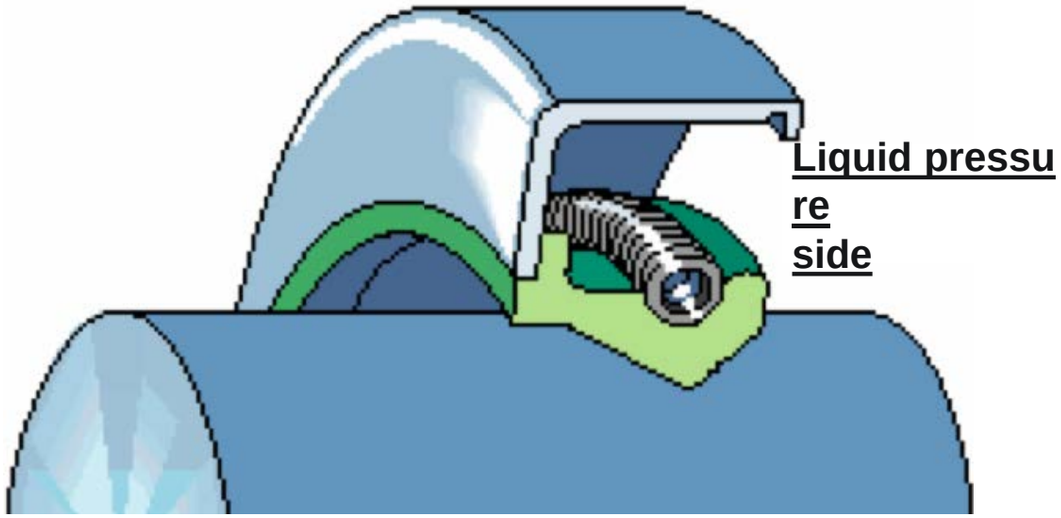
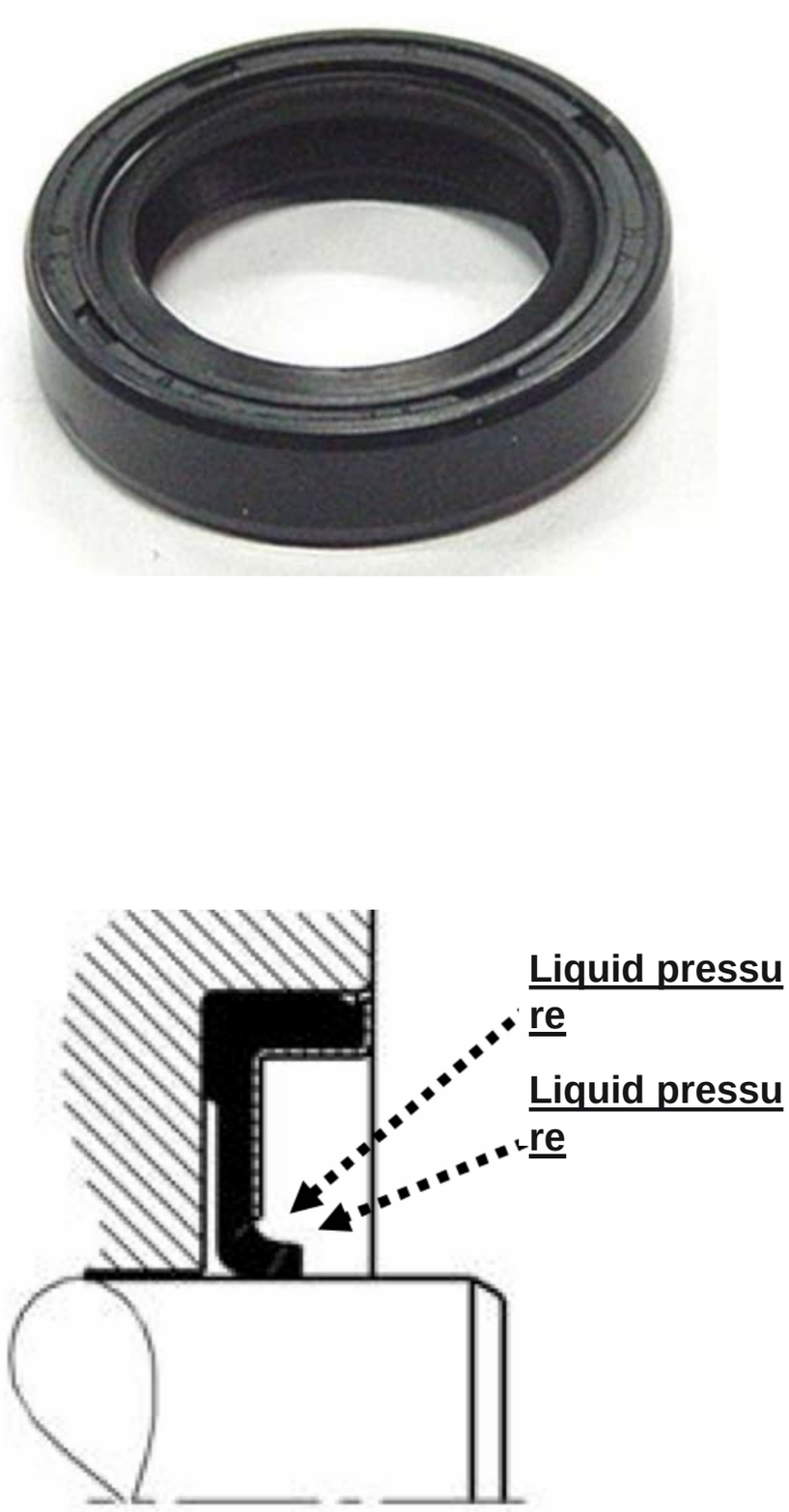

Teflon support ring
Rubber o-ring
Rubber o-ring
Teflon support ring
Jack housing
Piston
Guard ring
Nut
Engine block
Hole for pin-key
Bolt / thread end


O-ring seal
Rod seal
cilinder
rod
Piston seal
piston
Cilinder bottom p
art

Lip seal

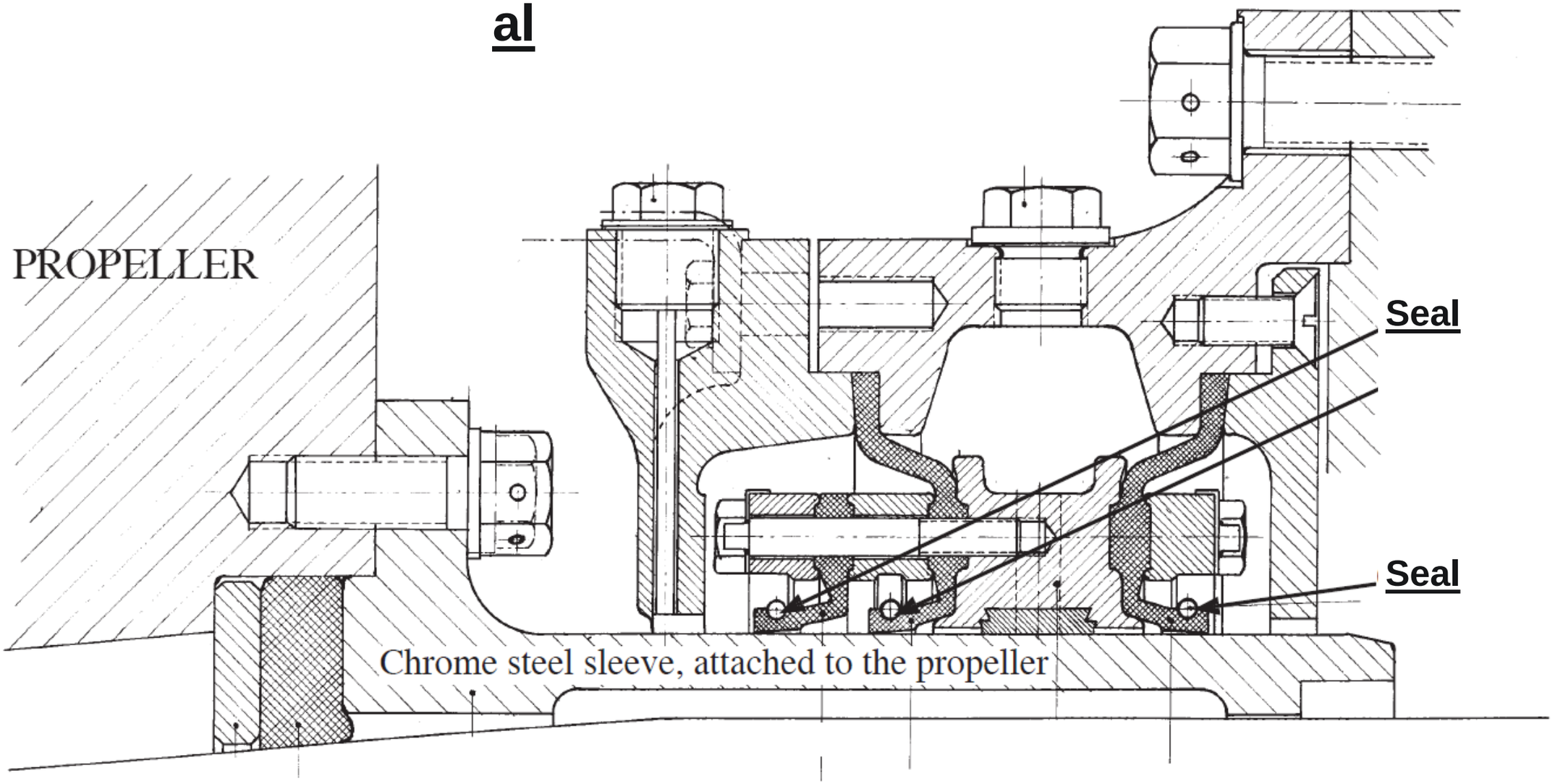




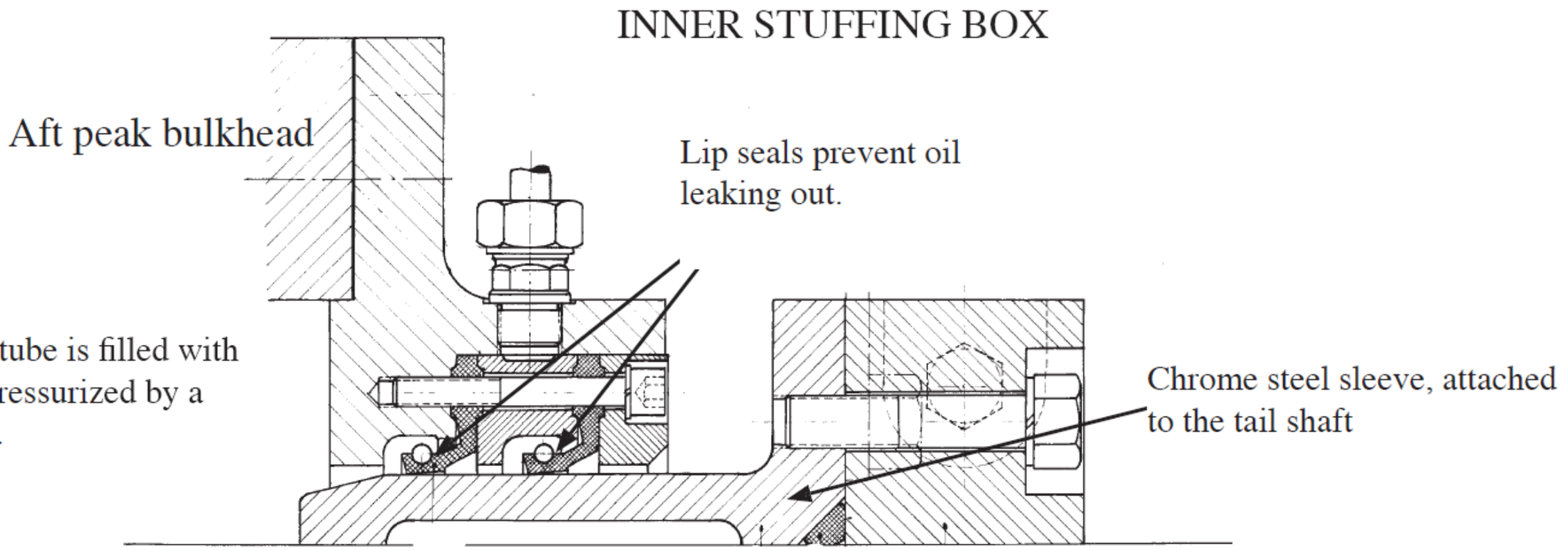
Shaft

Lip seal

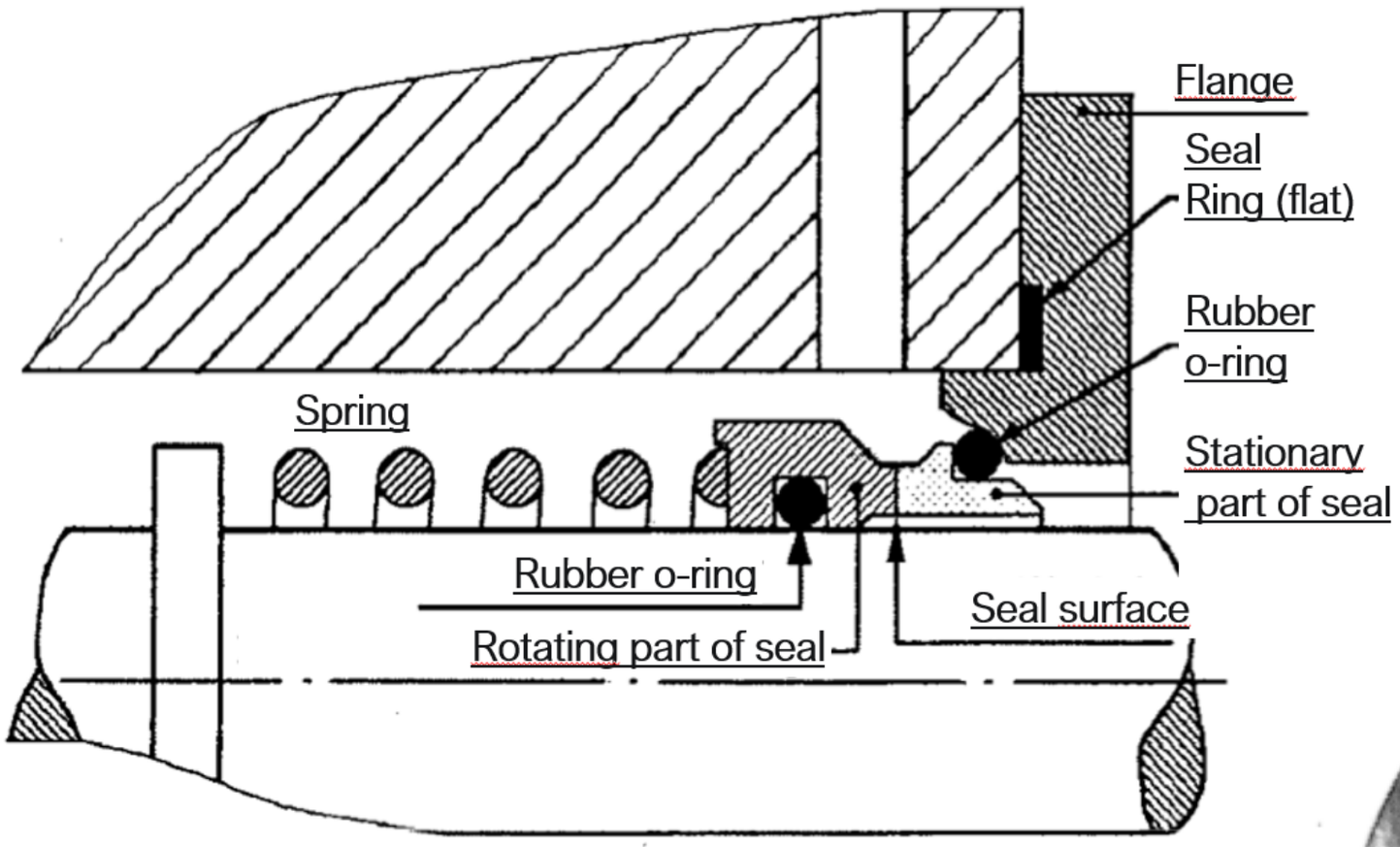
Simplex patent Shaft Seal

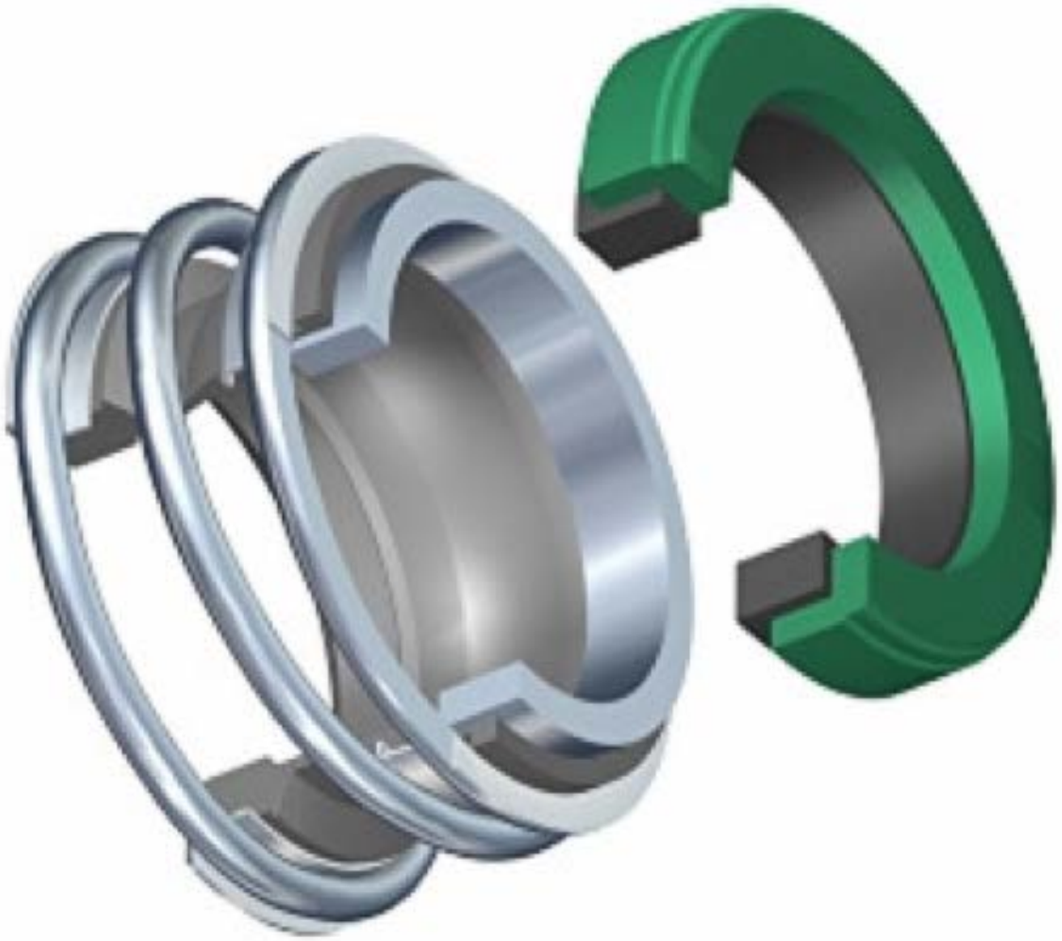


Lip seal


INNER STUFFING BOX
Aft peak bulkhead
Lip seals prevent oil leaking out.
Entire stern tube is filled with special oil pressurized by a gravity tank.
Chrome steel sleeve, attached to the tail shaft
TAIL SHAFT

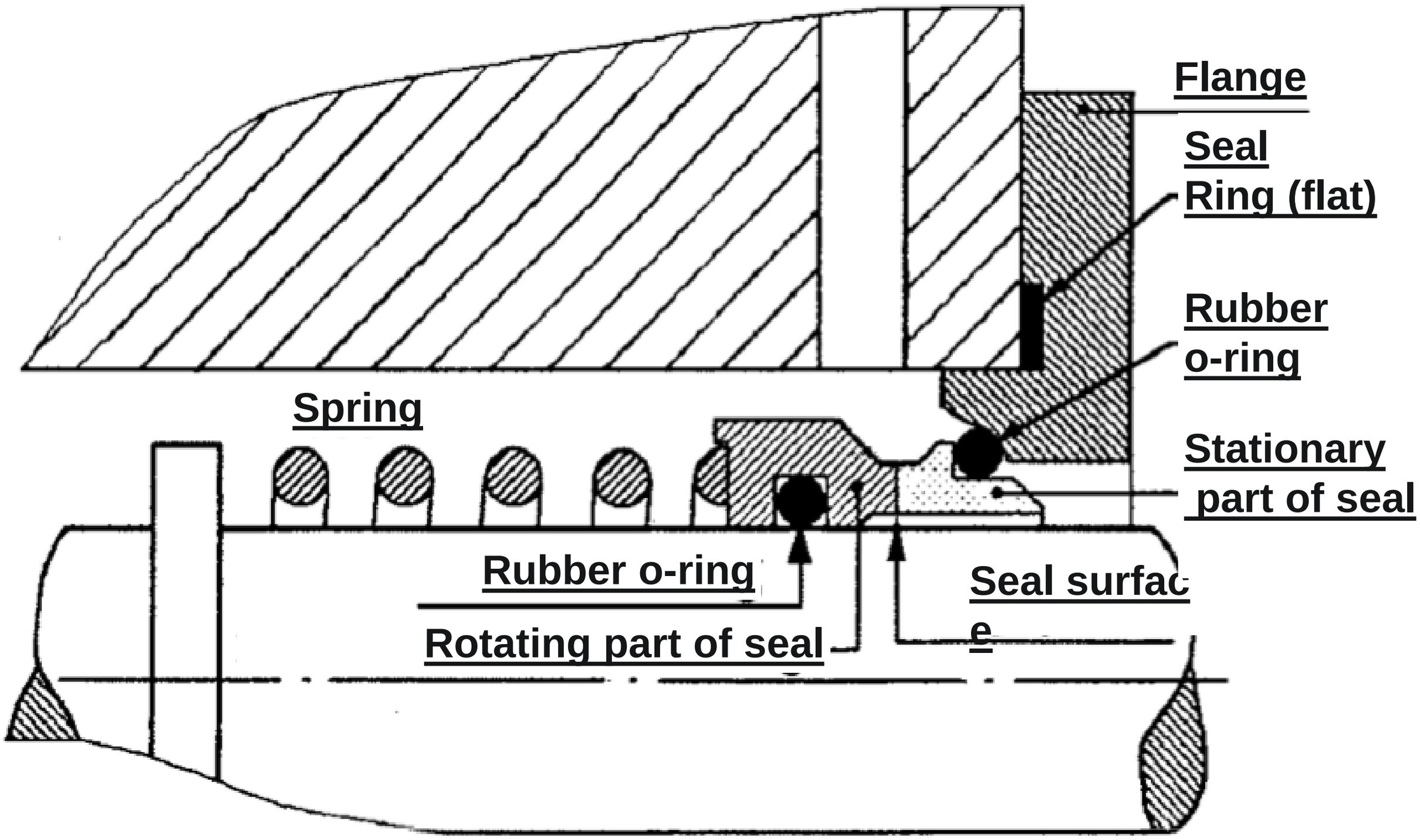
Mechanical seal





Rotating part of seal

Stationary part of seal



Mechanical seal