

Press Forming Industry



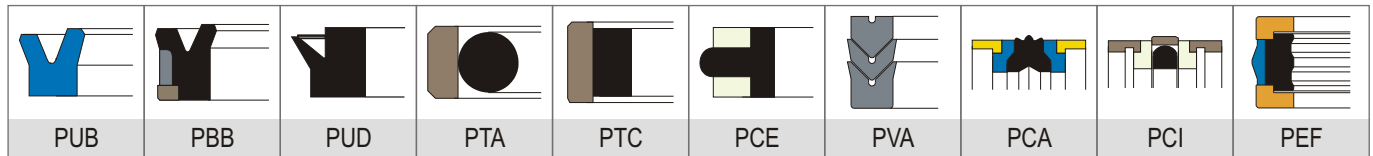
BSCL
Birmingham Seals

more than just seals...

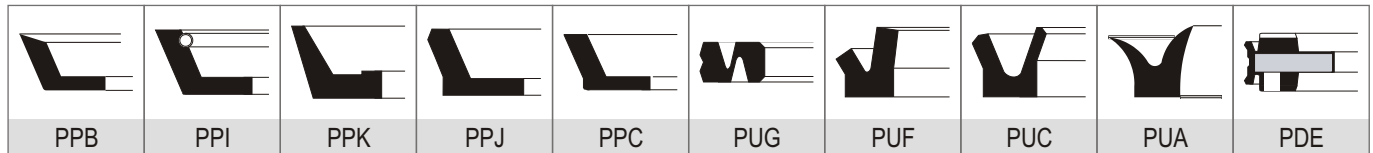
Product Line

BSCL Product Line for Press Forming Industry -

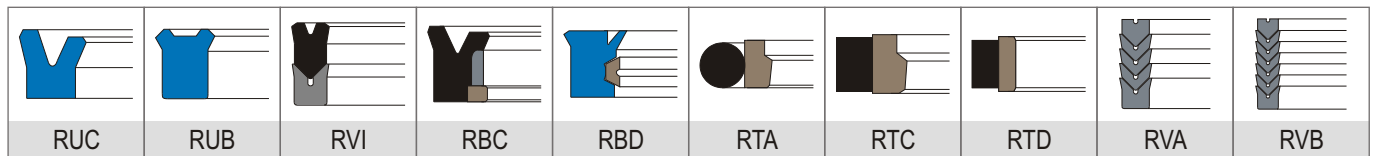
Piston Seal - Hydraulic



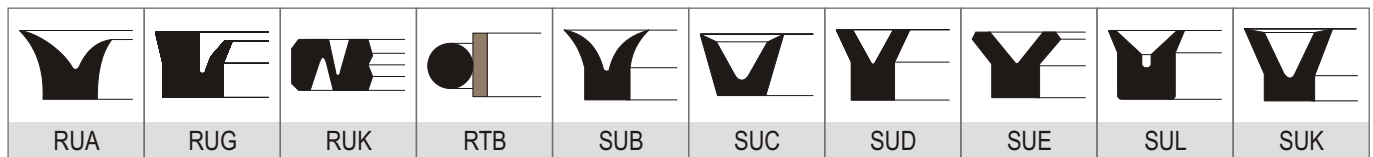
Piston Seal - Pneumatic



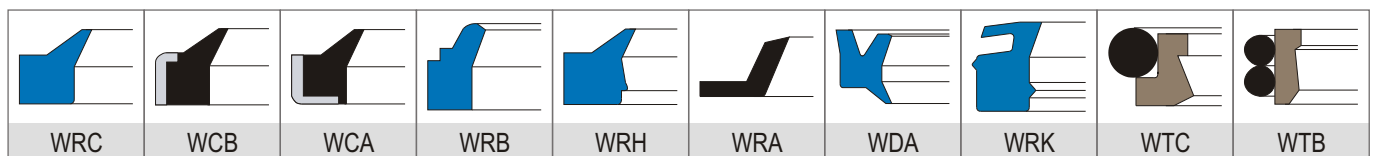
Rod Seal - Hydraulic



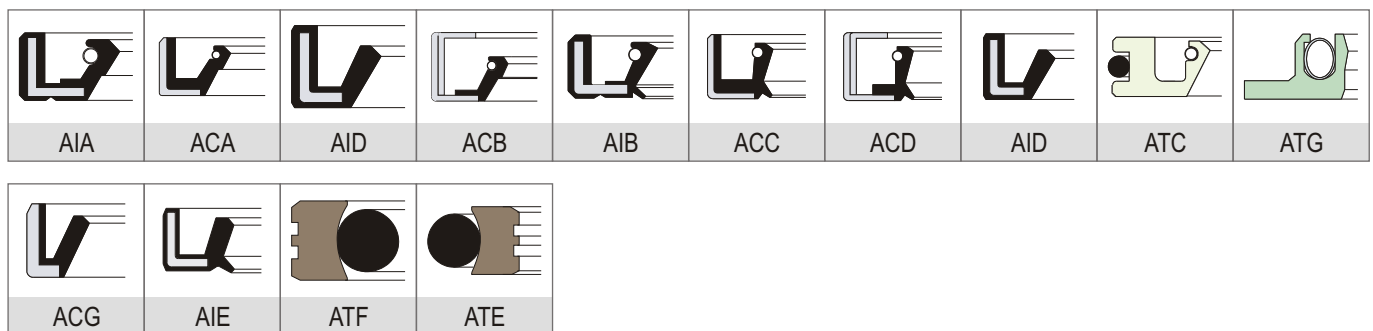
Rod Seal - Pneumatic



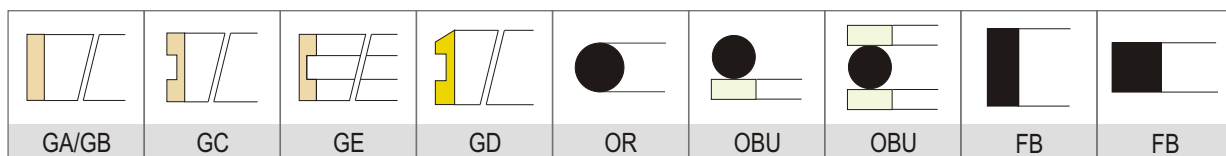
Wiper Seals - Hydraulic & Pneumatic



Rotary Seals



Guide & Back-up Rings



Application



Heavy Duty Presses



Mechanical Stamping Presses



Hydraulic Presses



Forming Presses



Forging Presses



Aluminium Extrusion Presses

BSCL Sealing Solution for presses in different industries

BSCL having capabilities to produce seals upto 3 mtr. dia in-house in elastomers and thermoplastic material. This facility make us capable to cater heavy duty and robust segment.

Reliability, high performance, longer working life are the need of these industries. BSCL understand these needs and with its expertise, capacity to produce high performance sealing solutions for -

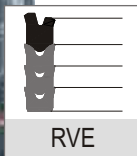
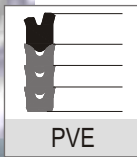
- Heavy Duty Presses
- Hydraulic Presses
- Mechanical Stamping Presses
- Forming Presses
- Forging Presses
- Aluminium Extrusion Presses

Since years, BSCL had become reliable partner in Press Forming Industry and had sharing its expertises in this segment. The following are the branches of industry for Press Forming -

- Automobile Industry
- Automobile Ancillary Suppliers
- Forging Industry
- Aluminium Extruded Parts
- Steel Industries
- Plywood forming
- Ceramic Tiles
- Vulcanise components



Press Application



Heavy Duty Press

Heavy duty V-packing used in presses for Rod & Pistons. A set consists of one pressure ring, one support ring and multiple sealing rings. These V-packings are available in cotton fabric with NBR or FKM and polyurethane.

Features -

- Long service life
- Robust under heavy duty conditions
- Adjustable centre rings as per length requirement
- Split version also available
- Sizes upto 3 mtr. dia



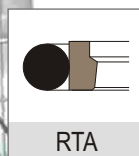
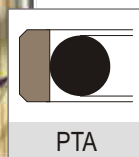
Split Style

Mechanical Stamping Press

Use in Automobile & Auto Anxillary units for vehicle body stamping process. These presses are equipped with clutch & brake. Pneumatic seals are use in this equipments due to low pressure operations.

Features -

- Low Friction
- Long service life
- High abrasion resistance
- Size upto 2 mtr dia.



Hydraulic Press

Medium and heavy duty hydraulic presses are used in all the industrial sectors. Standard V-packings and other hydraulic seals are used in combination for these applications.

Features -

- Long service life
- Stick slip movement
- Low friction
- Seals up to 1 mtr. dia

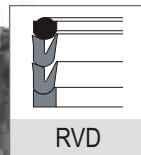
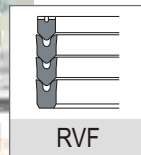
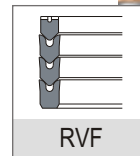
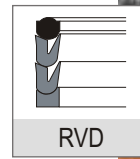
Press Application

Forming Press

Heavy duty V-packing set is use in forming press application. It has a sealing lip profile specially developed to withstand the massive side loads and high pressure peaks encountered on forming presses.

Features -

- Low Friction
- Long service life
- Optimum equipment performance
- Size upto 3 mtr. dia



Forging Press

Heavy duty V-packing set is highly driven on forging press applications. It has a sealing flip profile specially developed to withstand the massive side loads and high pressure peaks encountered on forging presses.

Features -

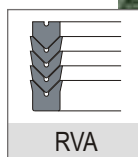
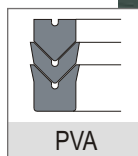
- Low friction
- Long service life
- Reduced leakage
- Size upto 3 mtr. dia.

Aluminium Extrusion Press

Horizontally operated Aluminium Extrusion Presses having V-Packing set on the piston seal and rod end. Thus V-Packs are subjected to sliding speed and high pressure.

Features -

- Long service life
- Adjustable centre rings as per length requirement
- Optimum equipment performance
- Sizes upto 2 mtr. dia





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