

# Shock absorber and strut seals

Provide sealing for the piston rod in the shock absorber against high pressure, oil and gas. Differing elastomer compounds enable sealing over a wide range of temperatures.

## Available applications

Car, truck, motorcycle, ATV.

**The SKF shock absorber and strut seals add value by delivering the following advantages:**

- Availability of different compounds: NBR, HNBR and FKM covering a wide range of operating temperatures (–40 to 200 °C) and ensuring compatibility in all existing oils
- Customized compound development, allowing for high and low friction options
- Flat top metal surface design permits the tube to be welded or rolled into place
- Available for strut and twin tube dampers, pressurized and heavy duty shock applications
- Able to support high static and dynamic pressure

**SKF has “state of the art” manufacturing processes that allow us to develop the most advanced designs. The features of the seals and manufacturing processes are:**

- Heavy gauge metal insert, allowing the shock absorber tube to be assembled over the seal in a number of different methods
- Static gasket, providing a leak-proof seal between tube wall and bushing
- Garter spring, ensuring the correct radial load for the life of the product
- Dust lip, preventing contaminants from getting into the system
- Gas lip, acting as a check valve
- 100% automatic functional control
- 100% camera dimensional and visual control
- Greasing operation, if requested



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