

Valve spring retainer

Durable retainers for high
performance engines



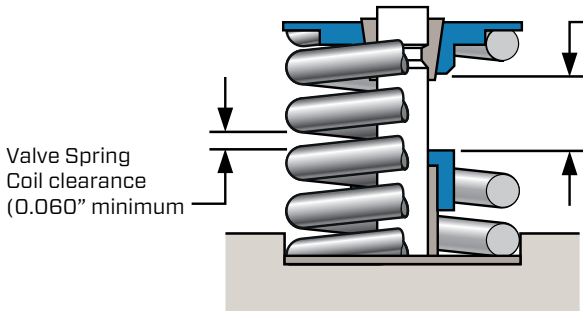
Nedschroef, a global leader for metal forming equipment, offers a tailor-made solution for alignment and pre-tension of the engine valve. This is based on more than ten years of experience in cold forging and sampling of valve spring retainers. Our robust manufacturing design and measurement methods ensures the spring is solidly joined to the valve which is kept securely in place. Lean manufacturing guarantees a waste-free process with maximum added value for clients.

FIELD OF APPLICATION

The perfect solution for valve retention in a wide variety of engine applications. The product family consists of half a dozen options for use in cars and trucks. Besides a broad selection of standard solutions, Nedschroef offers the integrated production, design and systems engineering capacity required to create bespoke solutions for even the most specific, demanding requirements at an attractive price point. Our engineers are ready to work together with you to create the ideal solution for your own application...

For more information: www.nedschroef.com

SOLID BUT FLEXIBLE JOIN ENSURES SAFETY



Valve Spring Retainer to Valve Seal Clearance (0.090" minimum)

Valve Spring Coil clearance (0.060" minimum)

The retainer's conical inner shape is accurately positioned to the bearing surface for the valve spring. The retainer keeps the spring in place. This component, which is under constant tension, has been heat treated, to prevent wear resistance of the surface, the fatigue strength is improved as well as the toughness of the material.

DIMENSIONS

- For truck and car currently max outside \varnothing : ± 36 mm
- Maximum producible dimension: $\varnothing 50$ mm.

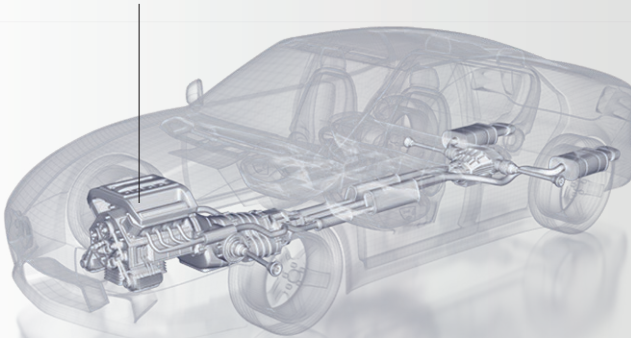
PROPERTIES

- Durable alignment and pre-tension of engine valve
- For use in cars and trucks
- Wide range available
- Based on ten years sampling and cold-forging experience

ADVANTAGES

- Extremely secure
- Long-term reliability
- Ease of use
- Maximum added value for clients
- Waste-free process

Engine



Powertrain

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For more than 130 years, Koninklijke Nedschroef Holding B.V. has developed, manufactured and supplied fasteners and special parts for the automotive industry. In addition, we design and produce superior forming machines and tools for the metal forming industry. Nedschroef delivers world-class services and innovative, cost-effective solutions. Our expanding global operations offer everything from product design and development to delivery, installation and service, supported by a vast global partner network. 2,400 people at 22 facilities in 11 countries worldwide are committed to our Full Service Provision concept.