

Strategically engineered Solutions.



Building OE-Quality Components.



***OE Quality S-Cams
And Accessories***

- ***Tool Grade Steel***
- ***Forged and Machined***
- ***Induction Heat-Treated***
- ***Multiple Snap Rings***
- ***High Gloss Finish***
- ***Quality Built with
Intentional Engineering***

Silverback OE Quality S-Cams From

Made with Tool Grade Steel

SILVERBACK OE-grade S-cams are made to the highest standards from beginning to end. We start with premium high-carbon HRC 45 tool grade steel for our journals and cam heads.

This high grade steel will resist fatigue and wear caused by severe conditions and high torque compounding that forces premature replacement or failure of inferior S-cams.

High Energy Forged and Machined

After our S-cam heads have been closed die forged and the shafts have been roll forged with High-Energy-

Rate Forging (HERF), both are precision machined for tolerances that are up to .050" tighter than non-machined cam heads, and promotes balanced braking.

Induction Heat-Treated to Over 1,000°F

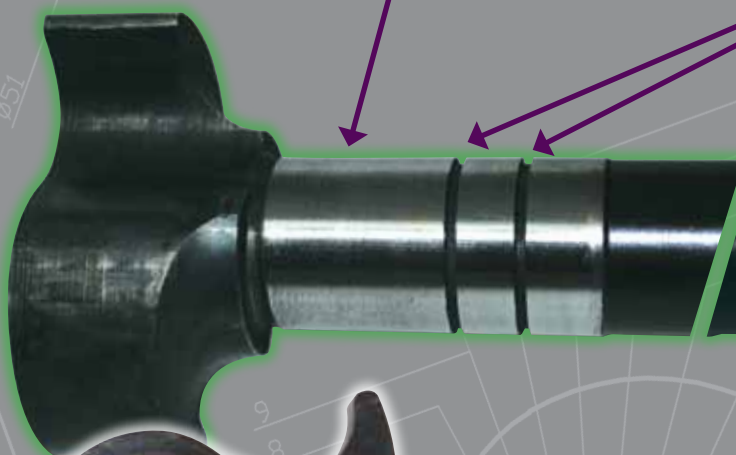
SILVERBACK S-cam heads, journals, and splines are induction heat-treated to more than 1000°F (560°C) until they achieve a Rockwell hardness of up to HRC 60.

Properly hardening S-cam heads reduces wear, increases cam life.



***Stone-ground journals
to a high gloss finish
reduces bushing wear***

***Multiple snap ring
configurations are used to reduce
inventory with
easy-to-use cross-referencing***



***Machine-milled
cam head
for improved tolerances***



Start to Finish

Multiple Snap Rings Reduce Inventory

Multiple precision cut snap ring grooves are used to reduce your need for excess inventory with easy-to-use parts cross-referencing.

High Gloss Stone-Ground Finish

High gloss stone ground finish on the journal is used to reduce wear on cam bushings and hardware kit components.

Laser Etched Part Numbers

All cam heads are laser etched with part number and quality control batch code for easy identification when replacement is needed.



High carbon 45HRC tool-grade steel is used for all cam heads and journals

Heat-treated cam heads run longer

Laser etched part numbers make part replacement easier



Heat-treated splines to promote longer life, balanced braking

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Building OE-Quality Components.

- **Made with Tool Grade Steel**
- **High Energy Forged and Machined**
- **Induction Heat-Treated to Over 1,000°F to Achieve Rockwell Hardness HRC 60 on Spline Ends and Cam Heads**
- **Multiple Snap Rings Reduce Inventory**
- **High Gloss Stone-Ground Finish**
- **Laser Etched Part Numbers**

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Building OE-Quality Components.

For all your OE Quality S-Cams and Accessories



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