



*Aircooled Precision Performance*

**Cast cylinders have their place ... but is that place in your vintage or performance air-cooled engine?**

*We don't think so either!*

It is very typical, with excellent cooling systems, that even stock engines run too hot, and as you know, **heat kills!**

Higher operating temperatures result in a thermally-overloaded engine that, among other things, has cylinders that fail to seal and distort, leading to increased oil temperatures and oil consumption. **Nickies make the difference!**

Billet Aluminum construction allows for:

- A choice of aluminum based on its strength and cooling capacity, not how well it casts
- Better heat transfer: twice that of cast aluminum and four times that of cast iron
- Increased strength: 67% stronger than cast aluminum
- Reduced cylinder temperature = more dense intake charge = more HP!
- Reduced weight — save up to 66% versus cast iron
- Tighter fin pitch\* which increases plenum pressure of cooling systems, increasing it's ability to wick heat away from the engine
- Nickies are not a casting or fully machined casting like other cylinders, they are 100% billet from forged extruded heat treated stress relieved alloys

Nikasil™ is widely regarded as the very best solution to bore wear, providing:

- Improved Lubricity
- Less friction
- Tighter clearances
- Lifetime warranty\*\*

Nickies are available for Porsche 356, 911, 912, and 914 engines as well as for various Volkswagen and aircraft applications, from mild to wild, in bore sizes from 80mm to 105mm.

***It's time to raise the bar— bring your “tried and true” aircooled engine to the new standard of aircooled precision performance!***



**ENGINEERING**

PO Box 401  
626 N. Locust St.  
Momence, IL 60954

Phone: 815-472-2939

Fax: 413-280-9041

Email: info@LNengineering.com

Web: www.LNengineering.com

\*Increased fin count and tighter fin pitch available on all cylinders except those Porsche 911 cylinders with bores greater than 95mm. \*\*Lifetime warranty on plating provided by and subject to review by Millennium Technologies; All warranty work requires an RMA and approval by MT. Tensile and ultimate yield strength and thermal conductivity figures used for comparison against our proprietary aluminum are based on metallurgic evaluation of a 3.2 Mahle Nikasil cylinder.