

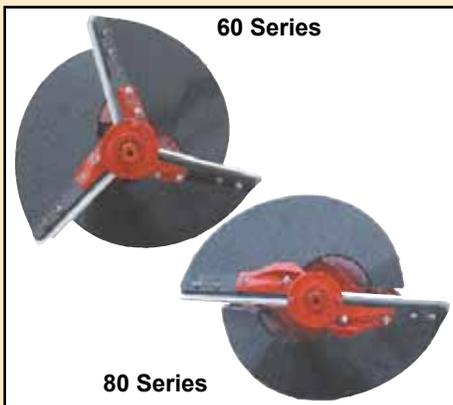
Bolt-On Flight Replacement Kits For IH & Case IH Rotors

The Kile™ Rotor Flights are heavy-duty bolt-on flights which replace OEM impellers on IH and Case-IH combines. These flights mount on either specialty or standard rotors and can be installed without removing the rotor from the combine. They will dramatically improve threshing performance.

Because of the unique auger flight design, the Kile Rotor Flights ensure that crop material efficiently spirals through the transition cone and reduces peak torque loads, allowing the operator to achieve higher ground speeds and extending the life of both the transition cone and the rotor belt. They also reduce gearbox loading and increase fuel efficiency.

The 80 Series kit (KRF80) includes two flights, wear plates and mounting hardware and fit 1480, 1680, 1688, 2188, and 2388 combines. The 60 Series kit (KRF60) includes three flights, wear plates and mounting hardware and fit 1440, 1460, 1660, 2166, and 2366 combines. The standard wear plates are cast alloy chrome which can be adjusted to the kidney for optimum clearance.

These flights are used in harvesting all



Bolt-on rotor flights are said to dramatically improve threshing performance. They replace OEM impellers on IH and Case IH combines.

crops with complete satisfaction. This product is made and manufactured in the U.S. by Kile Machine & Manufacturing Inc., Rosalia, WA. Kit & parts costs and dealer list is available on-line.

Contact: FARM SHOW Followup, Kile Manufacturing, 401 Squires Road, Rosalia, WA 99170 (ph 509 569 3814; info@kilemfg.com; www.kilemfg.com). Dealer inquiries welcome.

Reader Inquiry No. 57



Steel “Velcro” May Change How Things Are Made

A new invention developed by German scientists may change the way many large objects are built and held together.

“Metaklett,” or “steel Velcro” consists of hooks and loops just like conventional Velcro, but is much more heavy-duty. Made of spring steel alloy, it’s strong enough to hold machinery or building materials together, thanks to co-inventor, Dr. Christoph Hein.

Metaklett is resistant to high temperatures, withstanding heat of 1400° F or more. It can also endure the power of strong chemical solutions. The strength of Metaklett is 7,310 lbs/sq. ft. when tensile force is applied parallel to the surface of the fastener. When force is applied perpendicular to the surface, the strength is still impressive at 1,460 lbs/sq. ft.

The main innovation of Metaklett is that it has enough muscle to support huge objects and, at the same time, withstand severe environmental conditions. Like its conventional cousin, it can also be opened and closed by simply peeling or pressing.

“Strength is definitely not Metaklett’s only advantage; temperature and creeping resistance are also significant. For example, if you mount a granite plate to a facade, it should stay there for eternity. Unlike plastic Velcro, Metaklett doesn’t ‘creep,’” says Josef Mair, a research associate at Germany’s Technical University of Munich.

Metaklett was developed as a joint effort between the university and two German companies: Reinz (who produces car parts and had the initial idea to create a Velcro from steel) and Holzel (produces tools used in the manufacture of the Metaklett).

Metaklett is not yet on the market, but has great potential, especially in the field of construction.

Contact: FARM SHOW Followup, REINZ-Dichtungs-GmbH, Reinzstraße 3-7, 89233 Neu-Ulm, Germany (ph 011 49 0 731 70 46 – 0, fax 011 49 0 731 71 90 89; reinz.info@dana.com; http://www.reinz.de/root/eng/index.php).



STX Idler



MT Idler



John Deere Idler

“Kile™ Clear View Caps” are designed for rubber track tractors. They let you see the level & clarity of the oil in idlers and rollers.

Kile™ Clear View Caps For Rubber Track Tractors

The patent pending Kile™ Clear View Caps for rubber track tractors used in farming and construction are designed to replace OEM steel caps. Operators can easily see the level and clarity of the oil in their idlers and rollers making it simpler to ensure that proper oil levels are maintained.

This injection-molded product is made from scratch-resistant, UV-protected polymer that withstands extreme temperatures and high impact without breakage. Kile Clear View Caps are made in the USA and come with a 5-year pro-rated warranty. Each kit comes complete with idler & roller caps, necessary hardware, and installation instructions.

Clear View Cap Kits for all track tractors are available. Case IH STX/ 9300 Series Quad Trac, Agco MT 700/800 & Cat 35/95, and John Deere 8000 & 9000 T & RT Series.

Owners/operators are invited to visit Kile Mfg.’s website for information and prices for the kits, individual caps, product update, and new products. A continually updated dealers list can be viewed on the website. Brochures and more information can be obtained upon request.

Contact: FARM SHOW Followup, Kile Machine & Mfg. Inc., 401 Squires Road, Rosalia, WA. 99170 (ph 509-569-3814; info@kilemfg.com; www.kilemfg.com).

Reader Inquiry No. 58