

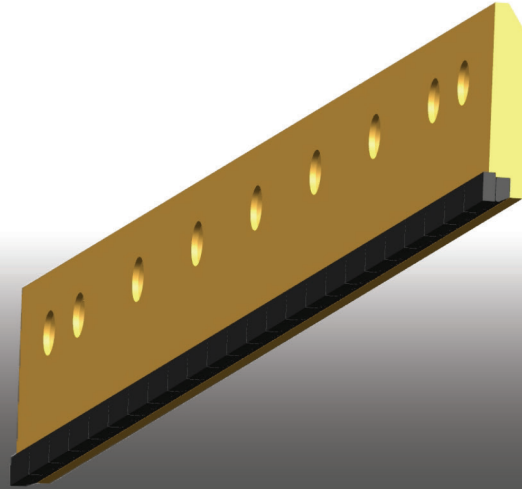
KÜPER®

Motor Grader and UnderbodyBlades

KÜPER®

By
K KENNAMETAL

Dual Carbide



The Original and Still Only True Dual-Carbide Blades by Kennametal

IMPROVED BRAZE, MORE WEAR-RESISTANT STEEL BODY

Dual-carbide blades — available exclusively through Kennametal, the only manufacturer of this innovative blade — outlast embedded carbide granule-style blades. Dual-carbide blades feature a universal bolt-hole and a variety of available lengths for maximum compatibility. Dual-carbide tungsten insert blades are specifically designed for high-abrasion and low-impact applications to stay straight; maintain a sharp, clean edge; and stop crowning: The first insert is formulated with our proprietary macrocrystalline carbide grade for toughness and impact resistance and mounts on the front of blade. The second insert is made from a wear-resistant carbide grade and mounts directly behind the first insert to resist wear caused by blade down pressure and abrasion. Face insert provides wear and protection when moldboard is rolled forward. Steel will wear out with single insert blades and the insert will be exposed to impact that will prematurely destroy the edge. Backed by a comprehensive warranty program.

Features

- ✓ Proprietary Kennametal Carbide
- ✓ Provides maximum wear resistance
- ✓ Features two tungsten carbide inserts, specifically designed for high-abrasion and low to moderate impact applications.
- ✓ Outlasts embedded carbide granule-style blades.
- ✓ Offers the longest lasting blade life span in the industry.
- ✓ Reduces costs associated with replacement parts, inventory, downtime, labor, and overall operations.
- ✓ Resists “crowning” and maintains a straighter cutting edge

+400%

Conventional Carbide Blade

Original Dual-Carbide Blade by Kennametal

Areas of Use



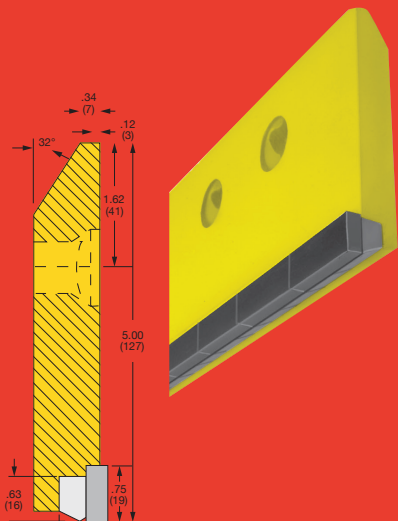
Highway



Country Road



City



Tungsten Carbide

A chemical compound consisting of equal parts tungsten and carbon. It is characterized by its extreme hardness, which is nearly as high as that of diamonds. This material stands up to the toughest loads.

Steel

Improved braze, more wear-resistant steel body. This special wear-resistant steel is water-hardened. It stands up to the toughest jobs.



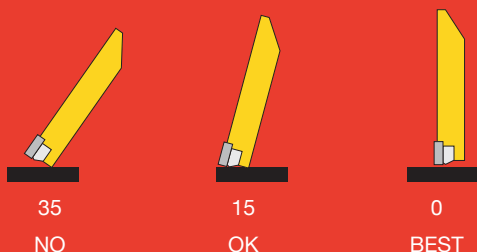
Made in the USA

Technology

Kennametal mining grade carbide insert on face resists impact and erosion.

Kennmetal wear grade carbide insert resists deterioration caused by blade down pressure and abrasion

Mounting and Operating Instructions



Driving Direction

- Use only grade 8 carriage bolts and appropriate grade 8 locking hardware.
- Never roll back moldboard more than 5-10 degrees and never for prolonged use.
- Avoid any wear of the support steel behind the center insert. If worn it will increase breakage potential.
- Perpendicular to road surface is optimum operating angle. Both cutting and wear are improved at 90°.
- Standard heavy duty punch 6 inch on center (custom and unique punches and sizes available).
- Sections bolt directly to moldboard – no adapters or accessories required.
- For use on motor graders and underbodies for gravel maintenance and snow and ice removal.

Kueper — Master Distributor for Kennametal

Kueper North America, LLC, 171 Church Street, Suite 300
Charleston, SC 29401, info@kueperblades.com

843.345.6788
www.kueperblades.com