



KENNAMETAL GRADER BLADES.

A GRADE ABOVE YOUR STANDARD BLADE.

When your road maintenance project involves hard and/or abrasive cutting conditions, you can't always count on standard steel grader blades to last long or get the job done. You need Kennametal grader blades. Our grader blades have multiple design styles to choose from to suit your needs.

SCARIFIER GRADER BLADES: WHEN PENETRATION IS AN ISSUE

When you can't get your standard blades to penetrate hard cutting conditions, our scarifier blade and pick systems may be your answer. Our blades feature replaceable, rotating, and self-sharpening carbide-tipped cutting tools that wear uniformly and can provide you with the penetrating power you need to improve those stubborn road surfaces.

- **Reduce machine downtime** significantly by quickly replacing individual tools in areas needed instead of entire blade sections
- **Penetrate hard-packed gravel** and frozen surfaces easily with less down pressure and horsepower
- **Fix road "washboarding"** and decrease the number of passes necessary to properly maintain a road surface
- **Enable chip and seal reclamation**, tar sand road reclamation, spot asphalt milling, and the spreading of loose material
- **Work with mixing applications** like calcium chloride, magnesium chloride, or other dust suppressants



DUAL-CARBIDE GRADER BLADES

Excessive wear and abrasion can take their toll on even the toughest standard steel grader blades. But Kennametal dual-carbide grader blades are built even tougher. They feature an innovative design with two tungsten carbide inserts. The front insert contains carbide formulated and specifically designed for toughness to absorb high impacts while providing protection against wear. The second insert mounted directly behind it provides wear resistance caused by down pressure and abrasion.

- **Outlast embedded carbide granule-style blades**
- **Provide exceptional life performance** for the most rugged applications
- **Resist "crowning"** and maintain a straighter cutting edge throughout product life
- **Could reduce costs** associated with replacement of part inventory, downtime, labor, and overall operations



KENCOAT™ GRADER BLADES

In moderate-impact applications, especially when ground conditions are hard and abrasive, KenCoat grader blades may be the solution. KenCoat blades feature tungsten carbide inserts positioned at the center of the cutting edge for wear resistance. Protected by tungsten carbide granules embedded in an abrasion-resistant, steel-weld material, these inserts are all business.

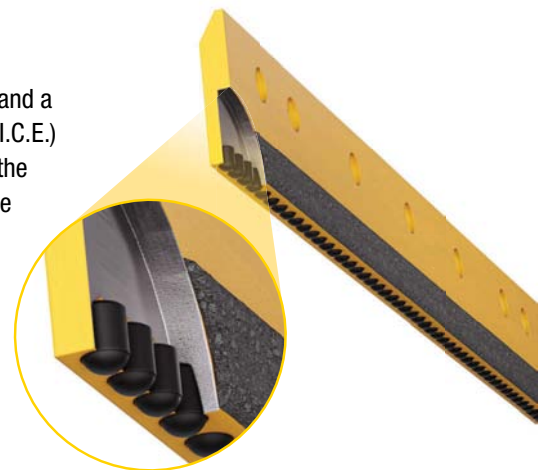
- **Offer an economical choice** for moderate-impact applications
- **Resist wear from down pressure** with KenCoat front protection for face steel washout
- **Available in two sizes**, with either 1"-wide (25mm) or 1.5"-wide (38mm) KenCoat protection



I.C.E.™ /KENCOAT™ GRADER BLADES

For the worst winter road conditions, you need rugged grader blades that stand up to snow, ice, and a variety of uneven surfaces. These specialized grader blades combine our Isolated Carbide Edge (I.C.E.) and KenCoat technologies. Individually mounted, bullet-shaped solid carbide inserts attached to the cutting edge provide wear resistance and scarifying action. For added durability, these inserts are protected by tungsten carbide granules embedded in an abrasion-resistant, steel-weld material.

- **Enable high-impact and fracture resistance**, optimizing blade wear and longevity
- **Provide scarifier-like action** in a traditional blade style
- **Withstand high-speed plowing** over excessive joints, major cracks, and uneven road surfaces
- **Perform effectively in snow-removal operations** on roads with embedded lane markers and rumble strips



ARMORED GRADER BLADES

Are you having issues with the face of your current blade wearing away prematurely? We added some armor to the front of ours to address that. Kennametal armored grader blades feature tungsten carbide inserts attached to the middle of the cutting edge for strong wear resistance. A hardened steel plate securely applied to their front protects the mild steel blade edge and inserts.

- **Offer an economical choice** for higher-impact applications
- **Available in three lengths** — 3 ft. (914mm), 4 ft. (1219mm), and 5 ft. (1524mm)
- **Hardened steel plates** also available separately



SNOW REMOVAL GRADER BLADES

Snowed in? No problem! Our snow removal grader blades include tungsten carbide inserts attached to the middle of the cutting edge for wear resistance. Kennametal's brazing expertise ensures that inserts stay firmly in place without residual stress, resulting in more durable blades.

- **Provide an exceptional combination** of fracture and wear resistance
- **Available in a variety of styles and sizes**, each backed by Kennametal's quality assurance program
- **Sold in combinations of two lengths** — 3 ft. (914mm) and 4 ft. (1219mm) — for versatility, safety, and ease of use



**OTHER GRADER
BLADES
EXCESSIVE
BLADE WEAR**

**KENNAMETAL
GRADER BLADES
STRONGER,
MORE DURABLE**

**BETTER
DURABILITY MEANS
FEWER GRADER
BLADES TO BUY**

**LESS
TIME
DOING
CHANGEOUTS**

**BOOST
GRADING
PRODUCTIVITY**

Actual wear life of Kennametal grader blades is dependent on road construction, maintenance, or rehabilitation application and subject to proper use.

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