

*Advanced Technologies
and Profitable Solutions for...*

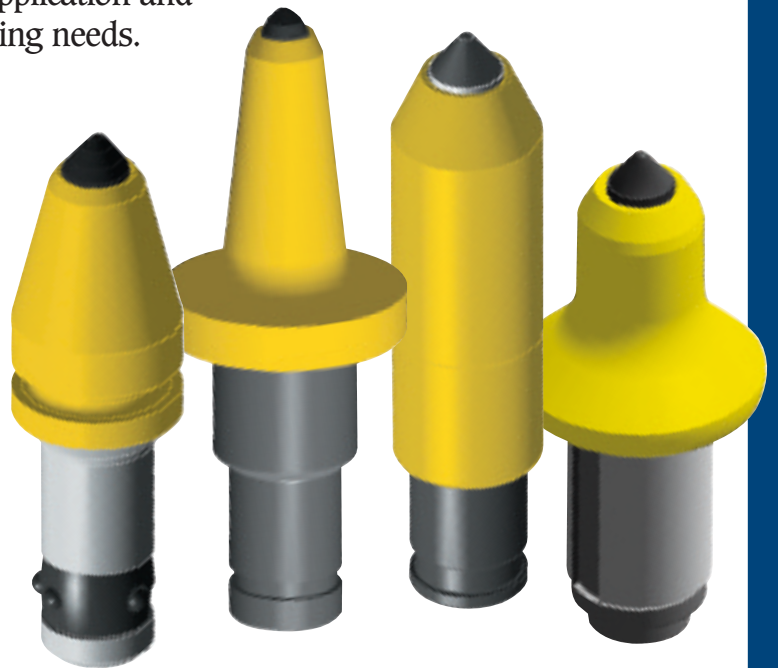
DIRECTIONAL DRILLING



The Construction Tool Authority.™

OTHER DRILLING PRODUCTS

Kennametal offers a full line of heavy-duty blocks and conicals for a wide selection of tooling solutions for every drilling application. Our expert team of product engineers provides exceptional on-site customer service and technical assistance. Contact Kennametal to discuss your particular application and construction tooling needs.



Other Specialty Wear Parts

If your application requires other specialty wear parts beyond our KenCast castings and hardfacing rods, Kennametal's Engineered Products Group (EPG) offers ceramic and other advanced materials to meet your needs.

KENNAMETAL TOOLING

Whether you're drilling soil, shale, soft to medium-hard rock, or concrete, Kennametal offers the tooling to get you through!

When "trenchless technology" was introduced in the 1980s, the concept was relatively simple: Find a way to drill under, over, or around an object with the least disruption to the surrounding area. That simple concept has evolved over two decades into one of the most dynamic drilling technologies in the construction industry today.

Kennametal is a leader in this exciting technology, meeting customers' specialty needs like no other company. From compacts, to grit, to wear protection, to rebuilders' supplies, Kennametal offers everything you need for maximum productivity and profitability!

RT1 and RT2

Our latest innovation for directional drilling! These shorter-version, weld-on cutters minimize tool breakage common to longer cutter styles and provide superior

impact strength and long-lasting tool life. The tough carbide tip is designed especially for difficult cutting conditions.



RT1



RT2



DT50

DT87

The DT50 and DT87 should be your first choice when the application is drilling through hard rock and concrete. Our super-tough carbide tips are designed for the most challenging hard cutting conditions.

WEAR BUTTONS

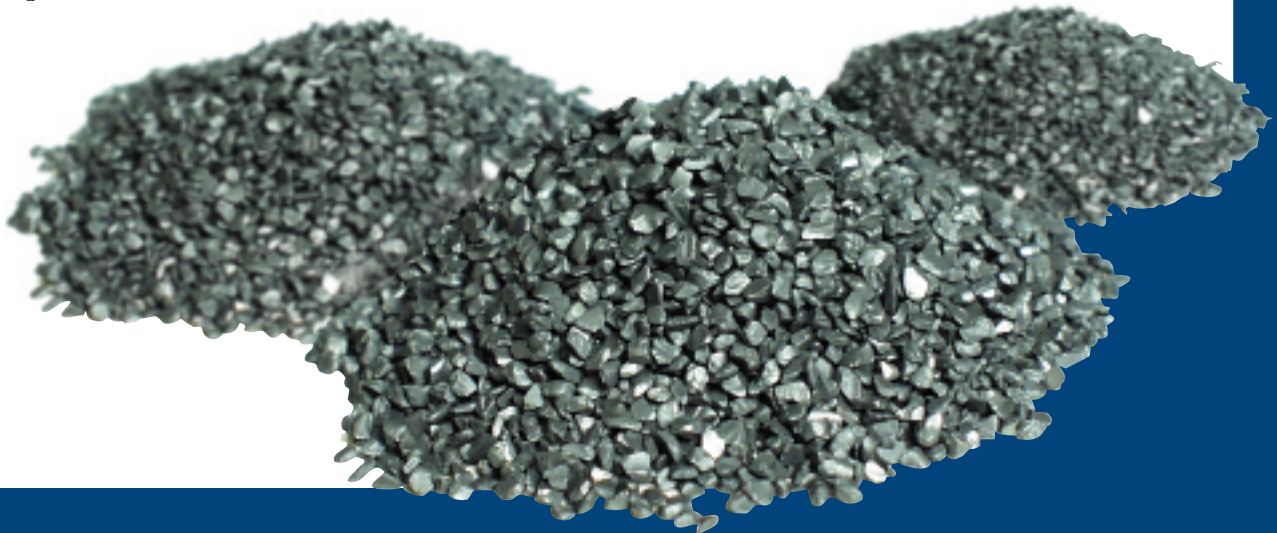
Who has the “button?”

We do. Through RTW, our facility in Rogers, Arkansas, we manufacture and distribute some of the toughest wear buttons in the construction industry. They feature rock-style heads made of durable carbide that will take the daily punishment of drilling rock and concrete – so your cutting tools last longer and wear better.



True Grit

Kennametal's mildly abrasive KenFace™ carbide grit acts as a cutting agent and tool protector. Manufactured at our Fallon, Nevada, facility, our grit is easily welded onto the tool in layers to provide maximum wear resistance.

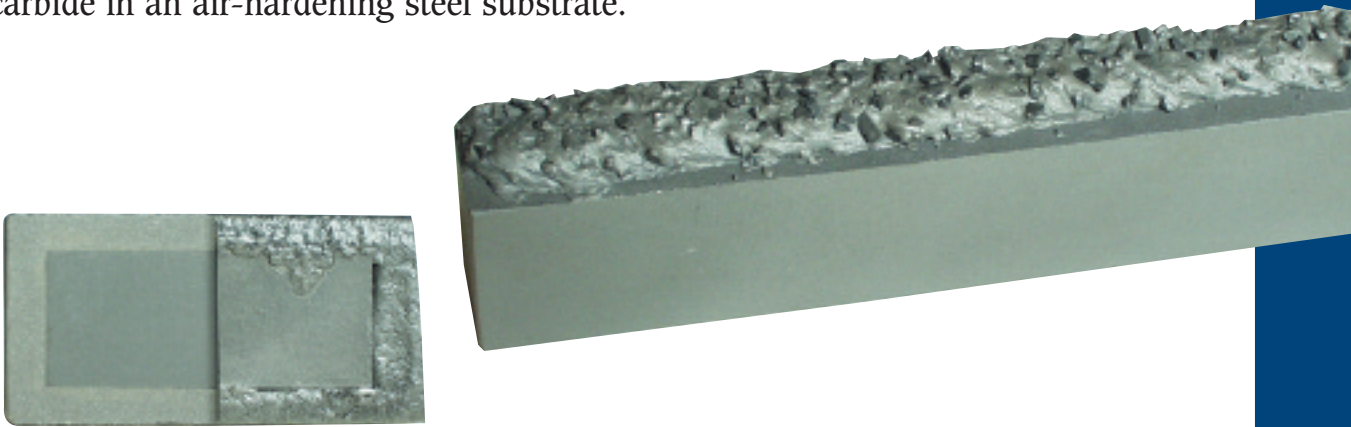


WEAR PROTECTION

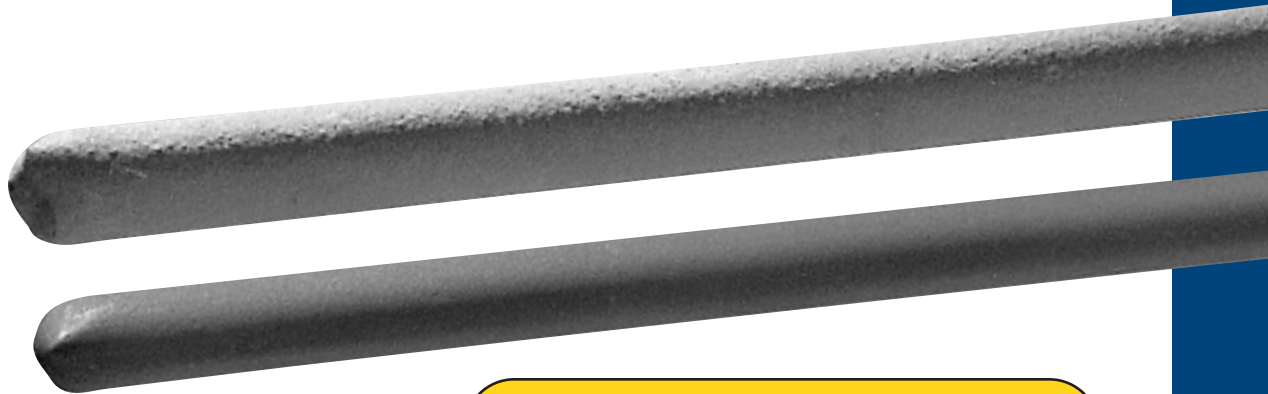
KenCast™ and Hardfacing Rods

Protect your drilling equipment with Kennametal KenCast™ castings, the toughest protective casting in the industry. Our unique composite material combines the exceptional wear resistance of Kennametal cemented tungsten carbide with the toughness and practicality of air-hardened steel. KenCast offers better overall tool coverage, and - most importantly - has proven four times stronger than other button-style carbide.

KenCast castings are extremely durable, easy to weld, and manufactured by a unique, patented castings process that metallurgically bonds our carbide in an air-hardening steel substrate.



Kennametal hardfacing rods are manufactured from our unique macrocrystalline tungsten carbide and provide maximum wear protection. They extend tool life while significantly reducing replacement downtime and labor.



In addition to manufacturing the toughest coatings in the industry, Kennametal specializes in providing tool-coating services to meet our customers' special needs.

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