



Innovate

## VIDEO: New Tooling Innovations Deliver Enhanced Machining Performance & Versatility

Brought To You by Kennametal | Feb 01, 2024

Kennametal is expanding its metal cutting tools and solutions portfolio with eight new products that offer improved performance, wear resistance and productivity for a wide range of applications across end markets including aerospace, medical, energy and transportation as well as general engineering. The launch includes eight products that expand on and support existing platforms in delivering superior performance across multiple applications as well as address common machining challenges:

**Drill Fix PRO™** is an upgrade to Drill Fix—an existing indexable drilling platform in the Kennametal product line. Designed for extended tool life and smooth drilling at high metal removal rates, Drill Fix PRO delivers high-volume coolant flow with a wiper included in every outboard insert.

**KenDrill™ Deep HPR** is a material-specific, deep-hole drill with broad diameter ranges and length variations. Made specifically for drilling steel and cast iron, KenDrill Deep HPR boosts performance, productivity and tool life.

**KenDrill™ Micro** is Kennametal's first comprehensive micro drilling portfolio for short- and deep-hole applications. This versatile tooling set offers the best process reliability and longevity in small part machining applications.

Face milling operations are enhanced with the expansion of Kennametal's **Dodeka™ series**, featuring super high positive inserts with 12 true cutting edges per insert.

Combining proprietary coating technology with next generation wear and oxidation resistance, Kennametal's new solid end milling grade **KCSM15A** offers new levels of reliability and output. The new grade launches with the **HARVI™ III**, **HARVI III Aero**, **HARVI II Long** and **RSM II** platforms—proven performers in multiple industries and applications.

Kennametal's new stainless steel and high-temp alloy indexable drilling grades **KCMS40** and **KCMS35** are compatible with the new Drill Fix PRO™ platform and feature higher adhesion wear resistance. Complementing another existing platform, Kennametal's **Mill 4™-12KT**, are new HD geometry inserts and fine pitch cutters that serve as performance boosters for highly interrupted cuts.

**KenShape™ MaPACS (brazed) and MaxPACS (indexable) countersinks** deliver maximum performance

for manual CFRP countersinking applications and are the perfect fit for aerospace industry customers focusing on rivet hole drilling in composite and stacked materials.

Learn more in the short video above (*music only, no transcript*).

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