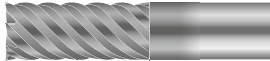


Solid End Mill Series

- Kyocera's solid end mill series has wide product lineup from roughing to finishing as well as items for difficult-to-cut Materials and hard materials.

New PVD technology, MEGACOAT

MEGACOAT Hard-A new coating for hard materials.

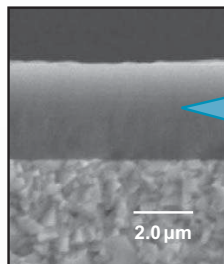


Achieves longer tool life and stable machining of hard materials with a special multi-layer coating.

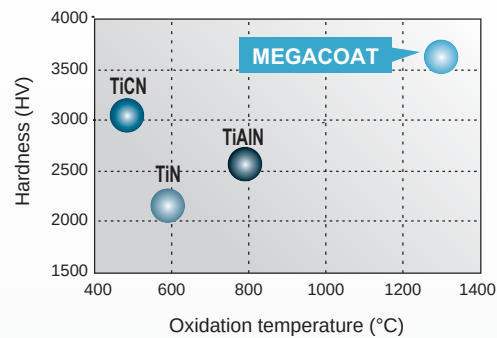
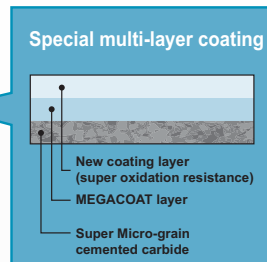


Excellent wear resistance and heat resistance

MEGACOAT Hard structure



Achieves super hardness to control abrasion of the edge coating



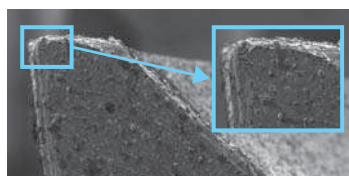
Smooth cutting edge quality with a unique coating technology

Smooth surface quality



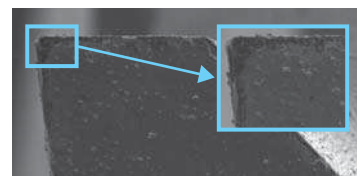
Kyocera MEGACOAT Hard

Smooth and sharp to the tip of the cutting edge.
Longer tool life and improved surface finish.



Competitor A

Coating surface is rough and there is much cutter abrasion.
The cutter edge is rounded.



Competitor B

Major abrasion of cutter and exposed material is noticeable.

Smooth endmill surface reduces welding and allows stable machining

For high precision finishing, MEGACOAT



MEGACOAT achieves high precision finishing and a sharp cutting edge.



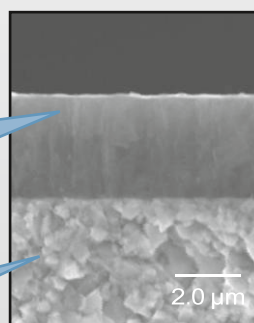
Wear resistance / Heat resistance

MEGACOAT

Nitride solid solution of high melting point metal
High hardness and oxidation resistant
Smooth surface

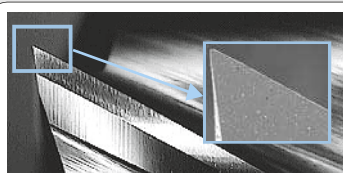
Fracture resistance / Stable machining

Super Micro-grain cemented carbide



High-quality and sharp edge

Smooth surface quality



F (FES) series edge