

INDUSTRY NEWS

PILOT
Precision Products



palbit
TOOLING SOLUTIONS EXPERTS

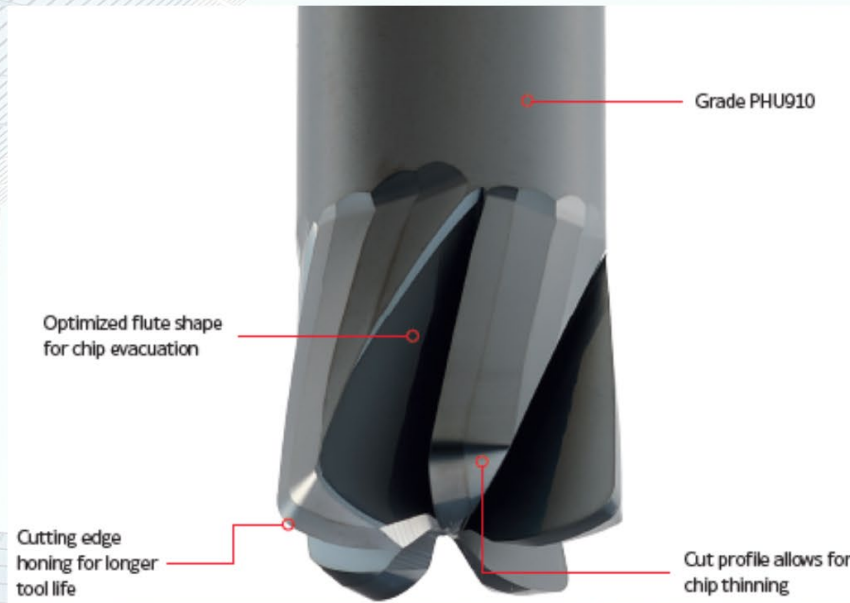
Hifeed Integ High Feed Endmills



Achieve better productivity and longer tool life with the new line of high feed solid carbide endmills!

This innovative curved profile of the cutting edge, along with a low lead angle:

- Causes a chip thinning effect and aggressive feed rates.
- Reduces the axial loads on the endmill and consequently tool deflection and vibration, leading to more stability.



These combined improvements result in up to 30% more tool life when processing hardened materials compared to typical solid carbide endmills.

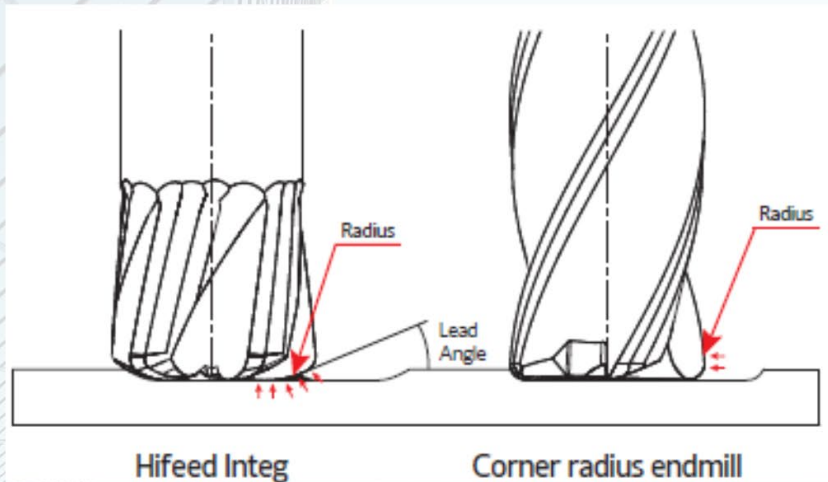
High feed endmills are the first choice for:

- High material removal rates
- Machining in unstable conditions
- Versatility to machine deep or shallow parts
- Plunge milling machine methods



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Thanks to the small lead angle and large part radius of the high feed endmill, it is possible to minimize tool deflection, once the cutting force is transferred axially against the spindle, minimizing radial forces. These tools are ideal for the machining of thin walls and contouring of deep pockets.



Operations

