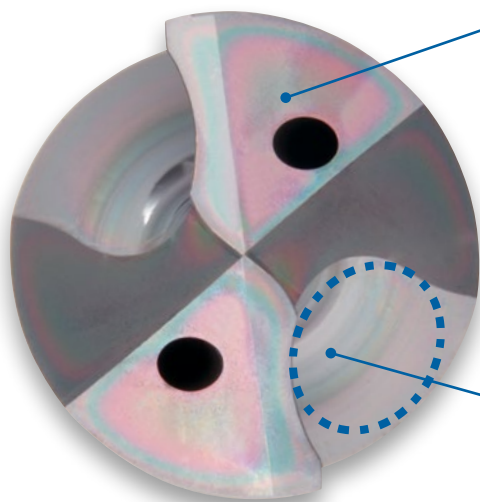


A Brand ADO Features



EgiAs Coating

for exceptional wear resistance and toughness.

Middle Margin

for improved stability in deep-hole applications.
(8D & up)

Wide Flute Room

facilitates stable chip evacuation.

Two Point Forms Based on Length

Wavy Point Form (3D-8D) or Straight Point Form (10D-30D)

Wavy point form improves the sharpness of the cutting edge at various areas where the cutting force fluctuates with the cutting speed, thereby achieving low thrust, stable torque, and longer tool life.

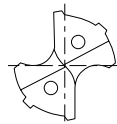
Straight point form offers superior point strength with low cutting forces for long drills even with long overhang length.

Middle Margin Design 8D & Up

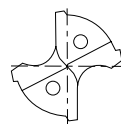
More Stability than Conventional Double Margin Designs

Unlike the conventional double margin, the second margin has been placed in the center of the peripheral land. This has shortened the time from the start of engagement to the four-point restraint by the double margin. Furthermore, it has improved stability during intermittent cutting such as cross-drilling or when penetrating an angled surface.

Middle Margin Design



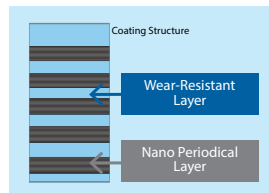
Conventional Double Margin Design



EgiAs Coating

Exceptional Wear Resistance & Toughness

Constructed with extreme toughness, high wear and heat resistance characteristics that ensures stable and consistent tool life. Suppresses friction with the wear resistance layer; prevents breakage with the nano periodical layer.



Coating Color	Coating Structure	Hardness (Hv)	Oxidation Temperature (°C)	Heat Resistance	Adhesion Strength	Wear Resistance	Welding Resistance	Toughness
Iridescent Color	Periodic Nano-layer and wear resistance layer	3,200	1,100	☉	☉	☉	☉	☉



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