YG5X

END MILLS

HIGH EFFICIENCY HIGH PERFORMANCE END MILLS FOR 5-AXIS MACHINING

The YG5X End mills are technically designed for 5-axis CNC machines. Optimized to gain a larger cutting surface to machine an extensive width compared to conventional ball End mills.

These tools are used not only in the mold & die industry but also the aerospace and automobile industries in producing impellers, turbine blades, etc.

YG-1, as one of the leading companies in the world for solid round End mills, have applied its distinguished high technology and know-how to create a tool with excellent performance, long tool life and at the same time gaining an outstanding surface finish.
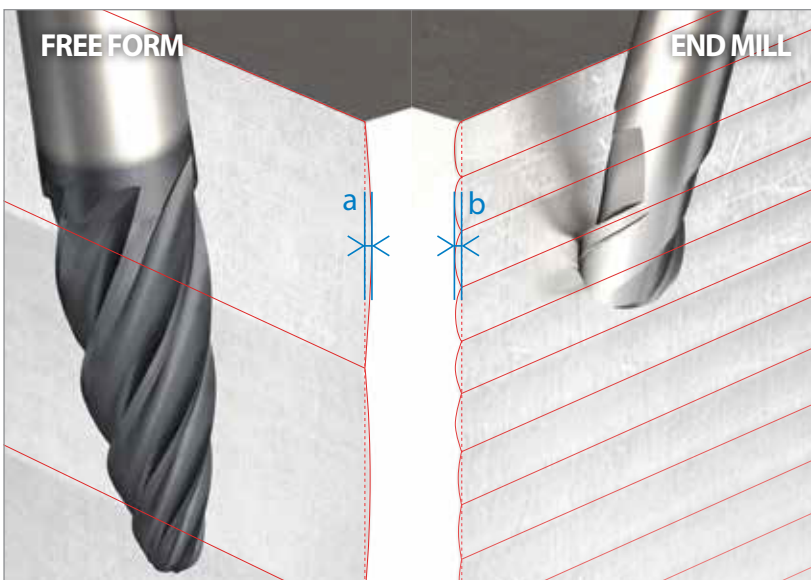
FREE FORM

- Radius Shape Form Design
- For Deep cavities and free form shape parts
- First proposal for blade finishing process

FLAT FORM

- Taper Shape Form Design with large Radius
- Avoid risk of Collision
- For Structural Parts with flat long surfaces

FREE FORM   **END MILL**

a   b

a=b (At Same Surface Quality)

Shorter Cycle Time ➡ YG5X

Compared to conventional ball End mills

The efficiency of the YG5X milling tools can be explained with the advantage of a larger radii on the cutting edges.

The increased width of cut on the work material shows the reduction of cutting steps compared to conventional ball End mills with same surface quality.

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