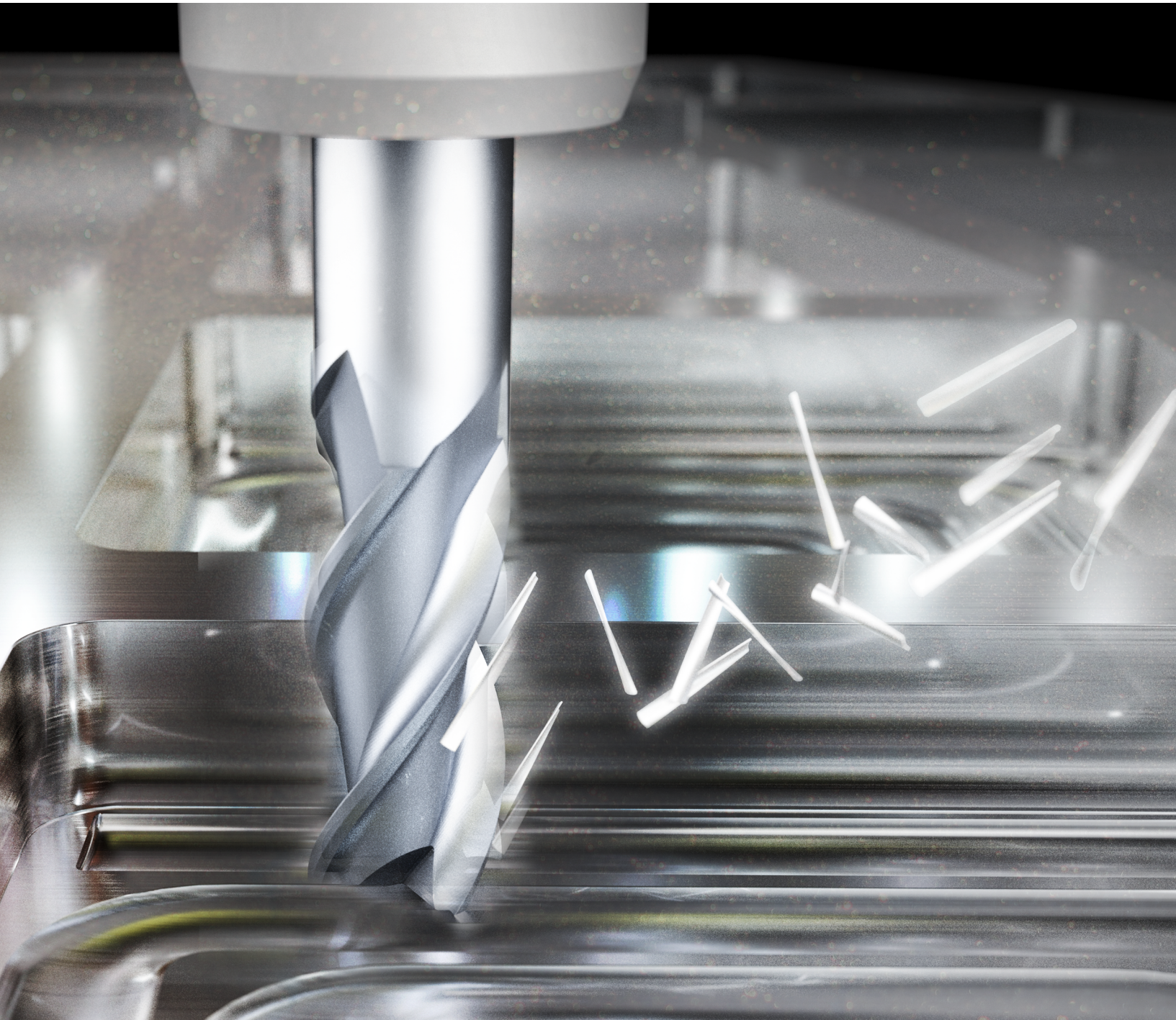


MILLING

ALU-POWER HPC

HIGH PERFORMANCE CUTTING END MILLS
FOR ALUMINUM ALLOYS



ALU-POWER HPC

HIGH PERFORMANCE CUTTING END MILLS
FOR ALUMINUM ALLOYS

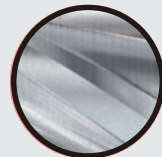
- Designed for Aluminum Alloys used in Aerospace industries
- Special geometries applied to control weight balance for quality performance on higher RPM making an excellent surface finish through stable machining
- High corner protection made from special shape and rake angle inside the radius
- Excellent performance with high feed, high RPM, high chip removal (heavy cutting)

TYPE(SERIES)	SIZE RANGE	
	INCH	METRIC
3 Flute Square	Φ 1/8~1	Φ 3~25mm
3 Flute Square with Neck	Φ 1/4~1	Φ 6~20mm
3 Flute Corner Radius	Φ 1/8~1 (R.010~.250)	Φ 6~20mm (R0.3~4mm)
3 Flute Corner Radius with Neck	Φ 1/4~1 (R.010~.250)	Φ 6~20mm (R0.3~4mm)



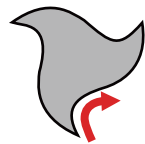
Ideal Symmetrical Shape

- 3 Flute design "To the center" - all 3 flutes come to center
- Designed with high spindle speeds in mind
- Highly effective in plunging and helical ramping



Cylindrical Land

- Increased performance over a variety of cutting conditions
- Helps in reduction of vibration and chatter



Engineered Flute Design

- Effective chip evacuation at high feed rates with lower cutting forces than competitive products

Long Reach Neck Tools Available

- Variable lengths of necks for deep pockets and long reach processing
- Short flute length for higher rigidity

Tough Micro - Grain Carbide Material

- Provides edge strength and unsurpassed tool life

