для размещения заказа - sgs@sgs-tool.ru

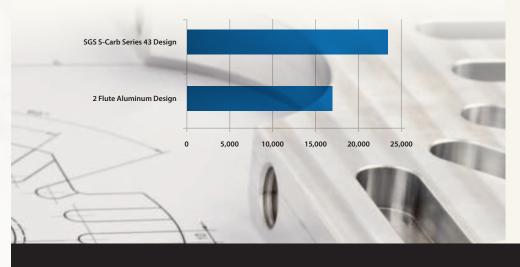
Maximum RPM Capability

Results of Independent Lab Balance Analysis Testing per the ISO G2.5 Tolerance 1/2" Diameter Tools Equal Flute Lengths and Overall Lengths

S-CARB 3-FLUTE END MILLS

The one-of-a-kind, symmetrical 3-flute design features an engineered flute form that provides high-performance results through a full range of machining conditions. These tools are designed for aggressive aluminum and non-ferrous machining requiring a high level of material removal.



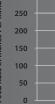


S-CARB HIGH-PERFORMANCE END MILLS ARE IDEAL FOR CYCLE TIME REDUCTION IN TARGET **APPLICATIONS SUCH AS:**

rospace		
tructure	components	

Automotive/Motorbike

- Performance aluminum wheels
- Non-ferrous housings; transmissions, manifolds, electronic pumps





FOR ALUMINUM, NON-FERROUS & NON-METALLIC MATERIALS

Performance by Design

Engineered with a specialized flute to effectively manage the size and volume of chips produced during aggressive machining.



S-CARB 3-FLUTE END MILLS

Engineered Flute Design · Effective chip removal at high feed rates · Lower cutting forces than comparable products **Unique Symmetrical** End Gashing Improved balance at high

> Improved workpiece finish through better balance

spindle speeds

· More effective plunging vs. conventional designs

Available in Long Reach with **Neck Options**

Increased control at various

speed and feed levels

Circular Land

Reduced chatter

 Axial slotting up to 1xD; radial profiling up to 0.5xD

- Necked design with blended diameter transitions provide clearance to reach
- Short flutes for maximum rigidity

Semiconductor • Aluminum vacuum chambers

SLOTTING CAPABILITY: 3-FLUTE END MILLS Maximum Feed Rate Achieved at 100% Spindle Load on a 30 hp Vertical Mill in 6061 Aluminum @ 10,000 rpm .500" Deep Slot .500" Diameter Tool

Available with TiB2 Coating (Titanium Diboride), which provides a very smooth surface and a low affinity to cold welding, or built-up edge, which makes it optimal for titanium, aluminum (>10%) and copper applications. It has high toughness and high hardness for exceptional performance with these materials.

Microhardness: 4000HV Oxidation Temperature: 850°C - 1562°F **Coefficient of Friction: .45** Thickness: 1 - 2 Microns (based on tool diameter)

Mold & Die Non-ferrous mold cavities

Firearms • Aluminum components









Competitor N

Series 43

