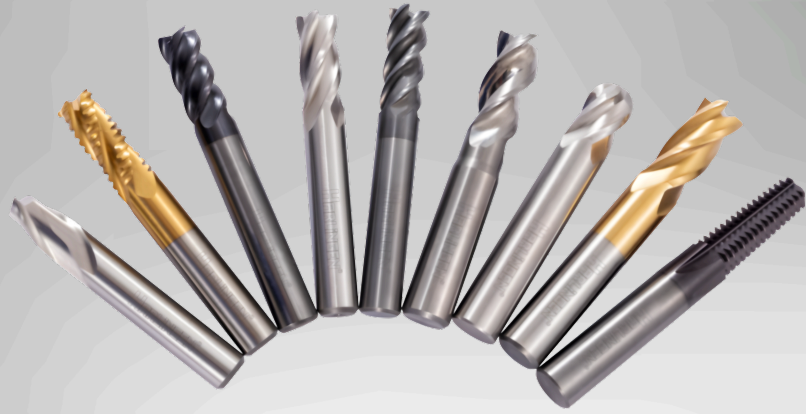




HIGH-PERFORMANCE SOLID CARBIDE END MILLS



EDGETEC[®]

WE TURN YOUR IDEAS INTO REALITY

EDGETEC SOLID CARBIDE END MILLS

Types of Endmills

- HIGH-PERFORMANCE SOLID CARBIDE END MILLS
- STANDARD SOLID CARBIDE SLOT DRILLS
- STANDARD SOLID CARBIDE END MILLS
- 2 FLUTE HSS-Co8 END MILLS
- 2 FLUTE HSS-Co8 BALL END MILLS
- MULTIPLE FLUTE HSS-Co8 END MILLS
- 4 FLUTE HSS-Co8 END MILLS LONG LENGTH

HIGH-PERFORMANCE SOLID CARBIDE END MILLS

SIDE MILLING 70%↑
Higher productivity

CENTER CUTTING
4, 45°, h6 DIN 6535HA, HRC ≤ 45, AlCrN

Stepped core improved chip evacuation and cutting force

45° helix angle with unequal flute spacing for soft, quiet cut

BALZERS AlCrN coating for longer tool life

Application group	Material examples	Ideal for
P	Steel	●
M	Stainless steel	●
K	Cast iron	●
N	Aluminum	○
S	Ni / Ti alloys	○
H	Hardened steel	○

●=Optimal ○=Secondary

Slotting, Roughing, Ramping, Helix, Plunging

SUMMARY OF ADVANTAGES

- Better chip evacuation and cutting force.
- Higher feed rates
- Longer tool life.
- vibration-free machining
- suitable for roughing and finishing
- Increased surface finish quality
- Each batch inspected by WALTER HELI TOOLCHECK.

STANDARD SOLID CARBIDE SLOT DRILLS

CENTER CUTTING
2, 30°, h6 DIN 6535HA, HRC ≤ 45, TiAlN

BALZERS TiAlN coating for longer tool life

100% Inspected

Application group	Material examples	Ideal for
P	Steel	●
M	Stainless steel	○
K	Cast iron	●
N	Aluminum	○
S	Ni / Ti alloys	○
H	Hardened steel	○

●=Optimal ○=Secondary

Slotting, Roughing, Ramping, Helix, Plunging

SUMMARY OF ADVANTAGES

- Better chip evacuation and cutting force.
- Higher feed rates
- Longer tool life.
- vibration-free machining
- suitable for roughing and finishing
- Increased surface finish quality
- Each batch inspected by WALTER HELI TOOLCHECK.

STANDARD SOLID CARBIDE END MILLS

CENTER CUTTING
4, 30°, h6 DIN 6535HA, HRC ≤ 45, TiAlN

BALZERS AlCrN coating for longer tool life

100% Inspected

Application group	Material examples	Ideal for
P	Steel	●
M	Stainless steel	○
K	Cast iron	●
N	Aluminum	○
S	Ni / Ti alloys	○
H	Hardened steel	○

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Slotting, Roughing, Ramping, Helix, Plunging

SUMMARY OF ADVANTAGES

- Better chip evacuation and cutting force.
- Higher feed rates
- Longer tool life.
- vibration-free machining
- suitable for roughing and finishing
- Increased surface finish quality
- Each batch inspected by WALTER HELI TOOLCHECK.

2 FLUTE HSS-Co8 END MILLS

CENTER CUTTING
2, 30°, DIN 327, h6 DIN 6535HA, HSS Co8

Flute in h6 tolerance 100% inspected

Flute Hardness HRC66-68

Roughness ≤ RA 0.4

Ground from Solid Hardness HRC45-60

Shank Ellipticity 100% inspected

Crack 100% inspected

100% Inspected

Application group	Material examples	Ideal for
P	Steel	○
M	Stainless steel	○
K	Cast iron	○
N	Aluminum	○
S	Ni / Ti alloys	○
H	Hardened steel	○

●=Optimal ○=Secondary

Slotting, Roughing, Ramping, Helix, Plunging

SUMMARY OF ADVANTAGES

- Each piece is ground by CBN grinding wheel on WALTER machine.
- Run-out control is more strict than DIN844.2 standard
- Effective for machining high strength, heat-resistant and other difficult-to-machine materials.
- Better appearance quality and longer tool life.
- Each batch inspected by WALTER HELI TOOLCHECK.

2 FLUTE HSS-Co8 BALL END MILLS

CENTER CUTTING
2, 30°, DIN 327, h6 DIN 6535HA, HSS Co8

Flute in h6 tolerance 100% inspected

Flute Hardness HRC66-68

Roughness ≤ RA 0.4

Ground from Solid Hardness HRC45-60

Shank Ellipticity 100% inspected

Crack 100% inspected

100% Inspected

Application group	Material examples	Ideal for
P	Steel	○
M	Stainless steel	○
K	Cast iron	○
N	Aluminum	○
S	Ni / Ti alloys	○
H	Hardened steel	○

●=Optimal ○=Secondary

Slotting, Roughing, Ramping, Helix, Copy milling

SUMMARY OF ADVANTAGES

- Each piece is ground by CBN grinding wheel on WALTER machine.
- Run-out control is more strict than DIN844.2 standard.
- Effective for machining high strength, heat-resistant and other difficult-to-machine materials.
- Better appearance quality and longer tool life.
- Each batch inspected by WALTER HELI TOOLCHECK.