

Solid Carbide End Mills

CHARACTERISTICS AND ADVANTAGES AT A GLANCE

Use:

- For universal use in different materials (steel preferred)

Substrate:

- Submicron carbide grade with excellent impact strength and high T.R.S.

Tool Shank:

- h5 shank tolerance
- Safe-Lock™ shank for pull out protection and productivity improvement

Coatings:

- Latest PVD coating for maximum wear protection, AlTiN-based HAIMER high-performance coating
- Pre and post treatment of tool surfaces for optimized chip removal

Geometry:

- Unequal cutting edge end helix slitting for vibration reduced machining
- 2, 3, 4 and 5 cutting edges with different lengths of cut based on application requirements
- Cutting edge design (sharp, chamfer or radius) for maximum flexibility
- HAIMER cord cutting edge design for cutting force reduction
- Neck for higher cutting depth
- Power Mill end mills are fine balanced
- Highest run-out accuracy (max. 5 µm, market comparison: 15 µm)
- Accurate overall length tolerance (+/- 0,05 mm), thus tool measurement is not always necessary
- Diameter tolerance h9

Quality:

- Consistent high and approved quality by 100% optical and dimensional inspection
- Special drop-protected packaging

UNI Z4 – С ГЕОМЕТРИЕЙ
KORDEL
UNI Z4 – CORD PROFILE

С ПОЛНЫМ РАДИУСОМ
BALL NOSE

АЛЮМИНИЙ
ALU

UNI Z5 – С ФАСКОЙ И СТРУЖКОЛОМОМ
UNI Z5 – CHAMFER WITH CHIP BREAKER



Maximum metal removal rate
and accuracy at the work piece
only with a combination of
HAIMER tool holding technology
and HAIMER Power Mill!