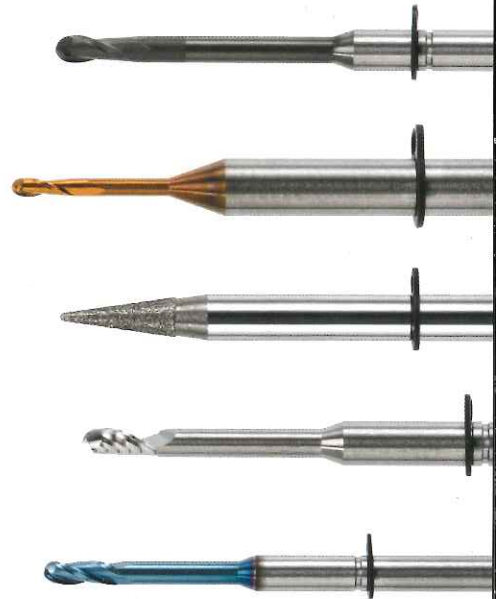




CAD/CAM

made in Germany



Kompatibel mit · Compatible with

VHF FRÄSER

S1 / S2 / K5 / K5+ / R5 / S5
K3 / K4 / K4 edition / Z4 / N4 / N4+
N4 / N4+ / S1 / S2 / Z4 / S5 / R5

VERSCHLEISS-SCHUTZSCHICHTEN

wear-protection coating



AC-BLUE

Universelle, sehr harte und glatte PVD/Verschleißschutzschicht
Schichtstärke: ca. $3,0 \mu\text{m}$, Schichtarchitektur: nano Composite
Basis: Supernitrid $\text{AlTiN} + \text{SN}$, Schichtfarbe: blau, glänzend
Härte, HV 0,05: 3.700, Schicht ist elektrisch leitend,
Max. Einsatz/Temperatur: 1.100°C , Reibungskoeffizient
gegen Stahl 0,2
Besonders geeignet für Trockenbearbeitung
Für alle fräsbaren Materialien, Kunststoffe, Composite, Metall
und Standard Zirkonoxid

AC-BLUE

Hard and smooth PVD/ wear protection coating, coating thick-
ness: approx. $1,5 \mu\text{m}$, Coating architecture: nano-composite,
basis: supernitride $\text{AlTiN} + \text{SN}$, Coating colour: blue, brilliant,
hardness, HV 0,05: 3.700, The coating is electrically conductive,
max. use/ temperature: 1.100°C , Coefficient of friction against
steel 0,2, particularly suitable for dry machining
For all millable materials, synthetic material, composite, metal
and standard zirconium oxide



AC-FIRE

PVD Schicht nach dem HiPIMS-Verfahren, speziell für die Hart-
stoffzerspanung, Schichtstärke: $1,5\text{--}2,5 \mu\text{m}$, Schichtarchitektur:
Nano Composite, Basis $\text{TiAlN} + \text{Si}$, Schichtfarbe: kupferfarben,
glänzend, Härte HV 0,05: 3.800, elektrisch leitend, max. Einsatz-
temperatur: 1.100°C , Reibwert gg. Stahl 0,3; besonders geeignet
für schwer zu zerspanende Legierungen – CoCr und Titan

AC-FIRE

PVD-coating on the basis of the HiPIMS-procedure, especially for
the chipping of hard materials, coating thickness: approx. $1,0 \mu\text{m}$,
coating architecture: Nano composite, Basis: $\text{TiAlN} + \text{Si}$,
Coating colour: copper, shiny, Hardness HV 0,05 : 3.800,
electrically conductive, max. operating temperature: 1.000°C ,
coefficient of friction against steel 0,3; particularly suitable
for materials which are hard to machine – CrCo and Titanium



AC-KRISTALL (DIAMANTBESCHICHTUNG)

CVD-Spezialschicht zum Bearbeiten hoch abrasiver Materialien
(z.B. ZrO), Schichtstärke: ca. $6 \mu\text{m}$, Schichtarchitektur: nano-kris-
talline Schicht, Basis: Kristalline C-Schicht, Farbe: grau/schwarz,
Härte: HV 0,05: 10.000, Schicht nicht elektrisch leitend,
max. Einsatztemperatur: $600\text{--}700^\circ\text{C}$, Standweigerung
bis zu 10-fach, hohe Wärmeleitfähigkeit

AC-CRYSTAL (DIAMOND COATING)

CVD-special coating for the treatment of highly abrasive materials
(e.g. ZrO), Coating thickness: approx. $6 \mu\text{m}$, coating architecture:
nano-crystalline coating, Colour: grey/ black, hardness HV 0,05:
10.000, The coating is not electrically conductive, max. operation
temperature: $600\text{--}700^\circ\text{C}$, Increased tool life up to factor 10,
high thermal conductivity

S1 / S2 / K5 / K5+ / R5 / S5

ZRO2

AC-KRISTALL



| | | | | | |
|------|----------------------|-------------|-------------|----------------------|-------------|
| | V5 2R5 Z06 | V5 2R5 Z10 | V5 2F5 Z12 | V5 2R5 Z20 | V5 3R5 Z20 |
| Ø mm | 0,6 | 1,0 | 1,2 | 2,0 | 2,0 |
| | Z060 R2D 40 | Z100 R2D 40 | Z120 F2D 40 | / | Z200 R3D 40 |
| | 2-Schneider 2 blades | | | 3-Schneider 3 blades | |

ZRO2

AC-BLUE



| | | |
|------|----------------------|----------------------|
| | V5 2R3 Z10 | V5 3R3 Z20 |
| Ø mm | 1,0 | 2,0 |
| | Z100 R2 40 | Z200 R3 40 |
| | 2-Schneider 2 blades | 3-Schneider 3 blades |

ZRO2



| | | |
|------|----------------------|----------------------|
| | V5 2R0 Z10 | V5 3R0 Z20 |
| Ø mm | 1,0 | 2,0 |
| | / | / |
| | 2-Schneider 2 blades | 3-Schneider 3 blades |

PMMA, WAX



| | | |
|------|----------------------|------------|
| | V5 2R0 P10 | V5 2R0 P20 |
| Ø mm | 1,0 | 2,0 |
| | P100 R2 40 | P200 R2 40 |
| | 2-Schneider 2 blades | |

PMMA



| | | | |
|------|---------------------|------------|------------|
| | V5 1R0 P10 | V5 1R0 P20 | V5 1F0 P25 |
| Ø mm | 1,0 | 2,0 | 2,5 |
| | P100 R1 40 | P200 R1 40 | P250 F1 40 |
| | 1-Schneider 1 blade | | |

S1 / S2 / K5 / K5+ / R5 / S5

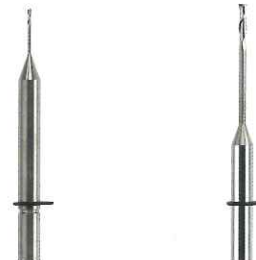
COMPOSITE

UNIVERSAL



| | |
|----------------------|------------|
| V5 2R0 P10 | V5 2R0 P20 |
| 1,0 | 2,0 |
| C100 R2 40 | C200 R2 40 |
| 2-Schneider 2 blades | |

Ø mm



| | |
|----------------------|------------|
| V5 2R0 U06 | V5 2F0 U12 |
| 0,6 | 1,2 |
| U060 R2 40 | U120 F2 40 |
| 2-Schneider 2 blades | |

COCR, TITAN

AC-FIRE



| | | | |
|----------------------|------------|----------------------|------------|
| V5 2R4 M06 | V5 2R4 M10 | V5 2R4 M20 | V5 4R4 M20 |
| 0,6 | 1,0 | 2,0 | 2,0 |
| M060 R2 35 | M100 R2 35 | M200 R2 35 | M200 R4 35 |
| 2-Schneider 2 blades | | 4-Schneider 4 blades | |

Ø mm

K3 / K4 / K4 EDITION / Z4 / N4 / N4+

ZRO2

AC-BLUE



| | | | | |
|----------------------|------------|----------------------|----------------------|----------------------|
| V4 2R0 U06 | V4 2R0 U10 | V4 3R0 Z20 | V4 2R3 Z10 | V4 3R3 Z20 |
| 0,6 | 1,0 | 2,0 | 1,0 | 2,0 |
| Z060 R2D 35 | / | / | Z100 R2 35 | Z200 R3 35 |
| 2-Schneider 2 blades | | 3-Schneider 3 blades | 2-Schneider 2 blades | 3-Schneider 3 blades |

Ø mm

K3 / K4 / K4 EDITION / Z4 / N4 / N4+

PMMA, WAX

PMMA



| | |
|------------|------------|
| V4 2R0 U10 | V4 2R0 P20 |
| 1,0 | 2,0 |
| P100 R2 35 | P200 R2 35 |

Ø mm

2-Schneider 2 blades



| | |
|------------|------------|
| V4 1R0 P10 | V4 1R0 P20 |
| 1,0 | 2,0 |
| P100 R1 35 | P200 R1 35 |

1-Schneider 1 blade

COMPOSITE

UNIVERSAL

COCR, TITAN

AC-FIRE



| | | |
|------------|------------|------------|
| V4 2R0 U10 | V4 2R0 P20 | V4 2R0 U06 |
| 1,0 | 2,0 | 0,6 |
| C100 R2 35 | C200 R2 35 | U060 R2 35 |

Ø mm

2-Schneider 2 blades



| | | |
|------------|------------|------------|
| V4 2R4 M06 | V4 2R4 M10 | V4 2R4 M20 |
| 0,6 | 1,0 | 2,0 |
| M060 R2 32 | M100 R2 32 | M200 R2 32 |

2-Schneider 2 blades

DIAMANT SCHLEIFER N4 / N4+ / S1 / S2 / Z4 / S5 / R5

GLASKERAMIK Glass ceramic – galvanic diamond coating

GALVANISCHE DIAMANTBESCHICHTUNG



| | | |
|---------------------|---------------------|---------------------|
| 806 335 300 091 006 | 806 335 200 091 010 | 806 335 200 181 024 |
| 0,6 | 1,0 | 2,4 |
| G060 R 35 | G100 R 35 | G240 R 35 |

Ø mm

Radiusschleifstift Grinding Tool



ROTIERENDE HOCHLEISTUNGSINSTRUMENTE auf höchstem Niveau.

Zahnmediziner, Dentallabore und Podologen wertschätzen unsere praxisorientierten, bedarfsgerechten Produkte mittlerweile weltweit. Denn wir hören zu und hinterfragen. Auf einer Augenhöhe mit unseren Kunden. Auf diese Weise stellen hochkonzentrierte, leidenschaftliche Perfektionisten bei acurata absolut verlässliche Präzisionsinstrumente her, die ein ultragenaueres Arbeiten in Labor und Praxis erst ermöglichen. Zuverlässigkeit im sensiblen Zusammenwirken aller Kräfte – technisch und menschlich.

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