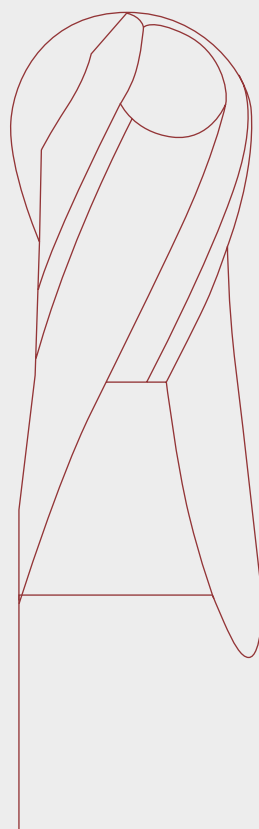
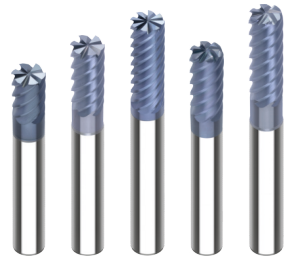


83-152

HSC & CSC Fräser
HSC & CSC mills
Fraises HSC et CSC

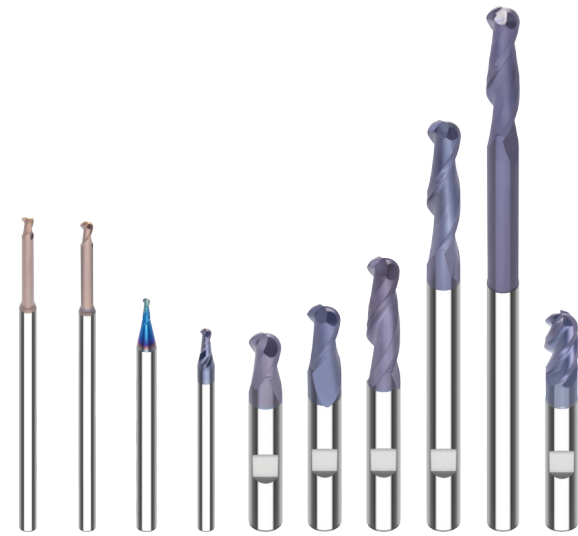


HSC – Schlichtfräser / Finishing mills / Fraises de finition



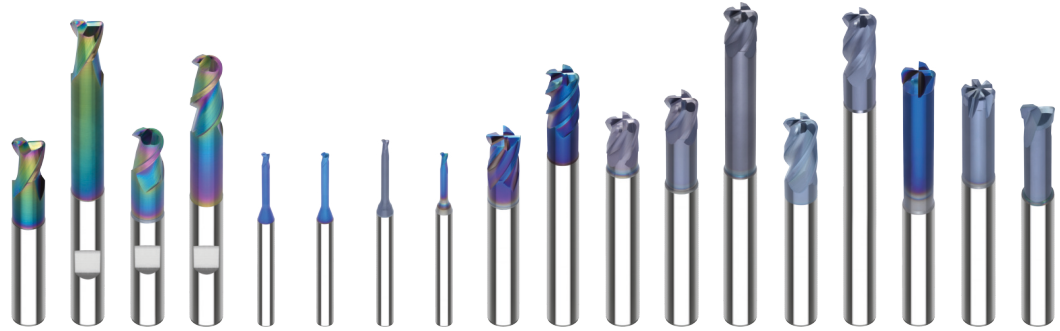
| Artikel Article Référence | 218 | 220 | 221 | 308 | 309 |
|--|-----------|-----------|-----------|-----------|-----------|
| Seite Page Page | 89 | 89 | 90 | 90 | 91 |
| Zähnezahl No. of teeth Nombre de dents | 6/8 | 6/8 | 6/8 | 6-8 | 6-8 |
| Stirngeometrie Tool face design Géométrie frontale | | | | | |
| Beschichtung Coating Revêtement | ALTiN | ALTiN | ALTiN | ALTiN | ALTiN |
| High Performance General Purpose | HP | HP | HP | HP | HP |
| Stahl steel | ○ | ○ | ○ | ○ | ○ |
| HRC 45-55 | ● | ● | ● | ● | ● |
| HRC 55-60 | ● | ● | ● | ● | ● |
| HRC 60-65 | ● | ● | ● | ● | ● |
| GG(G) | | | | | |
| ALU NE | | | | | |
| Kunststoff plastic | | | | | |
| GFK/CFK | | | | | |
| Graphit | | | | | |
| INOX VA | | | | | |
| INCONEL TITAN | | | | | |
| | | | | | |
| TYP | H | H | H | H | H |

HSC – Kopierfräser / Profile mills / Fraises à copier



| Artikel Article Référence | 557 | 556 | 531 | 532 | 511 | 512 | 522 | 544 | 547 | 739 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Seite Page Page | 92 | 93 | 94 | 95 | 95 | 96 | 96 | 97 | 97 | 98 |
| Zähnezahl No. of teeth Nombre de dents | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 |
| Stirngeometrie Tool face design Géométrie frontale | | | | | | | | | | |
| Beschichtung Coating Revêtement | TIALCN | TIALCN | naco blue | TIALN | TIALN | TIALN | TIALN | TIALN | TIALN | TIALN |
| High Performance General Purpose | HP | HP | HP | HP | HP | HP | HP | HP | HP | HP |
| Stahl steel | ○ | ○ | ● | ● | ● | ● | ● | ● | ● | ● |
| HRC 45-55 | | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| HRC 55-60 | | | | | | | | | | |
| HRC 60-65 | | | | | | | | | | |
| GG(G) | | | ● | ● | ● | ● | ● | ● | ● | ● |
| ALU NE | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | |
| Kunststoff plastic | ○ | ○ | | | | | | | | |
| GFK/CFK | | | | | | | | | | |
| Graphit | | | | | | | | | | |
| INOX VA | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| INCONEL TITAN | | | | | | | | | | |
| | | | | | | | | | | |
| TYP | N-W | N-W | N-H | N-H | N-H | N-H | N-H | N-H | N-H | N-H |

HSC – Kopierfräser / Profile mills / Fraises à copier



2.409 2.408 2.411 2.412 571 570 553 558 430 313 640 641 642 643 644 338 339 332

| | | | | | | | | | | | | | | | | | | |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Artikel Article Référence | 99 | 99 | 100 | 100 | 101 | 104 | 110 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 122 | 123 |
| Seite Page Page | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 6 | 2 |
| Zähnezahl No. of teeth Nombre de dents | | | | | | | | | | | | | | | | | | |
| Stirngeometrie Tool face design Géométrie frontale | | | | | | | | | | | | | | | | | | |
| Beschichtung Coating Revêtement | ta-C | ta-C | ta-C | ta-C | NanoCon | NanoCon | ALTiN | naco blue | naco blue | naco blue | TIALN | TIALN | TIALN | ALTiN | ALTiN | naco blue | ALTiN | ALTiN |
| High Performance General Purpose | HP | HP | HP | HP | HP | HP | HP | HP | HP | HP | HP | HP | HP | HP | HP | HP | HP | HP |
| Stahl steel | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| HRC 45-55 | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| HRC 55-60 | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ○ |
| HRC 60-65 | | | | | ○ | ● | ● | ● | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ |
| GG(G) | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| ALU NE | ● | ● | ● | ● | | | | | | | | | | | | | | |
| Kunststoff plastic | ● | ● | ● | ● | | | | | | | | | | | | | | |
| GFK/CFK | ○ | ○ | ○ | ○ | | | | | | | | | | | | | | |
| Graphit | | | | | | | | | | | | | | | | | | |
| INOX VA | | | | | | | | | | | | | | | | | | |
| INCONEL TITAN | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| TYP | W | W | W | W | H | H | H | H | H | H | H | H | H | H | H | H | H | H-N |



HSC – Kopierfräser / Profile mills / Fraises à copier



| Artikel Article Référence | Seite Page Page | Zähnezahl No. of teeth Nombre de dents | Stirngeometrie Tool face design Géométrie frontale | Beschichtung Coating Revêtement | High Performance General Purpose | Stahl steel | HRC 45-55 | HRC 55-60 | HRC 60-65 | GG(G) | ALU NE | Kunststoff plastic | GFK/CFK | Graphit | INOX VA | INCONEL TITAN | IK | TYP | | |
|---------------------------------|-----------------------|--|--|---------------------------------------|-------------------------------------|----------------|--------------|--------------|--------------|-------|-----------|-----------------------|---------|---------|------------|------------------|----|-----|-----|---|
| 333 | 123 | 2 | | ALTIN | HP | ● | ● | ○ | ○ | ● | | | | | | | | | H-N | |
| 336 | 124 | 4 | | ALTIN | HP | ● | ● | ● | ● | ● | | | | | | | | | | H |
| 337 | 124 | 4 | | ALTIN | HP | ● | ● | ● | ● | ● | | | | | | | | | | H |
| 671 | 125 | 2 | | ALTIN | HP | ● | ● | ● | ● | ● | | | | | | | | | | H |
| 525 | 125 | 2 | | VAROCON | HP | ● | ● | ● | ● | ● | | | | | | | | | | H |
| 554 | 130 | 2 | | ALTIN | HP | ● | ● | ● | ● | ● | | | | | | | | | | H |
| 559 | 133 | 2 | | naco blue | HP | ● | ● | ● | ● | ● | | | | | | | | | | H |
| 420 | 135 | 2 | | naco blue | HP | ● | ● | ● | ● | ● | | | | | | | | | | H |
| 520 | 136 | 2 | | naco blue | HP | ● | ● | ● | ● | ● | | | | | | | | | | H |
| 521 | 137 | 2 | | naco blue | HP | ● | ● | ● | ● | ● | | | | | | | | | | H |
| 664 | 137 | 2 | | TIALN | HP | ● | ● | ● | ● | ● | | | | | | | | | | H |
| 665 | 138 | 2 | | ALTIN | HP | ● | ● | ● | ● | ● | | | | | | | | | | H |
| 663 | 138 | 2 | | TIALN | HP | ● | ● | ● | ● | ● | | | | | | | | | | H |
| 560 | 139 | 2 | | DIAMOND | HP | | | | | | | | | ● | | | | | W | |
| 565 | 142 | 2 | | DIAMOND | GP | | | | | | | | | ● | | | | | W | |
| 567 | 143 | 3 | | DIAMOND | HP | | | | | | | | | ● | | | | | W | |
| 563 | 144 | 4 | | DIAMOND | HP | | | | | | | | | ● | | | | | W | |
| 564 | 145 | 4 | | DIAMOND | HP | | | | | | | | | ● | | | | | W | |

HSC – Kopierfräser / Profile mills / Fraises à copier



561 566 568

146 149 150

2 2 3



DIAMOND DIAMOND DIAMOND

HP GP HP

CSC – Bogensegmentfräser / Curve segment mills / Fraises segment d'arc



633 634

151 151

4 4



VAROCON VAROCON

HP HP

Artikel
Article
Référence

Seite
Page
Page

Zähnezahl
No. of teeth
Nombre de dents

Stirngeometrie
Tool face design
Géométrie frontale

Beschichtung
Coating
Revêtement

High Performance
General Purpose

Stahl
steel

HRC
45-55

HRC
55-60

HRC
60-65

GG(G)

ALU
NE

Kunststoff
plastic

GFK/CFK

Graphit

INOX
VA

INCONEL
TITAN

TYP

W W W

W-H W-H

