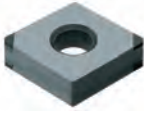
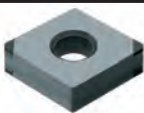
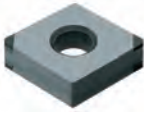
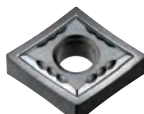
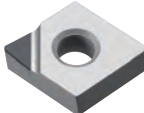




|             |      |       |
|-------------|------|-------|
| Bezeichnung | IC   | Dicke |
| CN_1204_    | 12.7 | 4.76  |

## <80 Grad rhombische negative Platte>

| Form  | ISO-Bezeichnung      | Inch-Bezeichnung | Fase   | R   | Beschichtung      |                  |     |     |     |     |     |     |                    |     | Werkzeughalter |     |     |              |    |     |
|---|----------------------|------------------|--------|-----|-------------------|------------------|-----|-----|-----|-----|-----|-----|--------------------|-----|----------------|-----|-----|--------------|----|-----|
|   |                      |                  |        |     | BIDEMICS (Besch.) | CBN (PVD-Besch.) |     |     | CBN |     |     |     | Diamant beschicht. |     |                | PKD |     |              |    |     |
|   |                      |                  |        |     | JP2               | B16              | B5K | B6K | B22 | B23 | B30 | B36 | B40                | B52 | UC1            | PD1 | PD2 | Siehe Seite: |    |     |
| <br>4 Ecken CBN bestückt                   | CNGA 120412 PQ SEH   | CNGA433PQS0635   | S01535 | 1.2 |                   |                  | ●   | ●   |     |     |     |     |                    |     |                |     |     |              |    |     |
|   | 120412 PQ TBD        | 433PQT0215       | T00515 | 1.2 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |    |     |
|   | 120412 PQ TCE        | 433PQT0420       | T01020 | 1.2 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |    |     |
|   | 120416 PQ SCD        | 434PQS0415       | S01015 | 1.6 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |    |     |
|   | 120416 PQ SCE        | 434PQS0420       | S01020 | 1.6 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |    |     |
|   | 120416 PQ SXF        | 434PQS0525       | S01325 | 1.6 |                   |                  | ●   |     |     |     |     |     |                    |     |                |     |     |              |    |     |
|   | 120416 PQ SEH        | 434PQS0635       | S01535 | 1.6 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |    |     |
|   | 120416 PQ TCE        | 434PQT0420       | T01020 | 1.6 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |    |     |
|   | 120420 PQ SCD        | 435PQS0415       | S01015 | 2   |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |    |     |
|   | 120420 PQ SCE        | 435PQS0420       | S01020 | 2   |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |    |     |
|   | 120420 PQ SXF        | 435PQS0525       | S01325 | 2   |                   |                  |     | ●   |     |     |     |     |                    |     |                |     |     |              |    |     |
|   | 120420 PQ SEH        | 435PQS0635       | S01535 | 2   |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |    |     |
| 120420 PQ TCE   | 435PQT0420           | T01020           | 2      |     |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |    |     |
| <br>2 Ecken CBN bestückt auf einer Seite | CNGA 120404 PD F     | CNGA431PDFNX     |        | 0.4 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              | F9 |     |
|   | 120408 PD F          | 432PDFNX         |        | 0.8 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |    | F11 |
|   | 120412 PD F          | 433PDFNX         |        | 1.2 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |    | G40 |
| <br>4 Ecken CBN bestückt mit Wiper       | CNGA 120404 PQ W SCD | CNGA431PQWS0415  | S01015 | 0.4 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |    |     |
|   | 120404 PQ W SEH      | 431PQWS0635      | S01535 | 0.4 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |    |     |
|   | 120408 PQ W SCD      | 432PQWS0415      | S01015 | 0.8 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |    |     |
|   | 120408 PQ W SEH      | 432PQWS0635      | S01535 | 0.8 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |    |     |
|   | 120412 PQ W SCD      | 433PQWS0415      | S01015 | 1.2 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |    |     |
|   | 120412 PQ W SEH      | 433PQWS0635      | S01535 | 1.2 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |    |     |
| <br>4 Schneiden                          | CNMG 120404 FNZP     | CNMG431-FN-ZP    |        | 0.4 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |    |     |
|   | 120408 FNZP          | 432-FN-ZP        |        | 0.8 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |    |     |
| <br>Eine Ecke PKD bestückt               | CNMX 120404 PF       |                  |        | 0.4 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |    |     |
|   | 120408 PF            |                  |        | 0.8 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |    |     |

● : Standard-Artikel    ● : Neue Artikel    ■ : Auf Anfrage    ★ : Festgelegte Ausführung

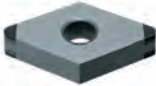
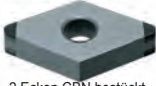
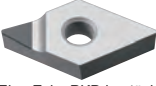
BIDEMICS  
CBN · PKD

F9  
F11  
G40  
K34



| Bezeichnung | IC   | Dicke |
|-------------|------|-------|
| DN_1504_    | 12.7 | 4.76  |
| DN_1506_    | 12.7 | 6.35  |

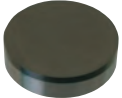

## <55 Grad rhombische negative Platten>

| Form   | ISO-Bezeichnung    | Inch-Bezeichnung | Fase   | R   | Materialien       |                  |     |     |     |     |     |     |     |                    |     |     | Werkzeughalter |  |  |
|--|--------------------|------------------|--------|-----|-------------------|------------------|-----|-----|-----|-----|-----|-----|-----|--------------------|-----|-----|----------------|--|--|
|  |                    |                  |        |     | BIDEMICS (Besch.) | CBN (PVD-Besch.) |     |     | CBN |     |     |     |     | Diamant beschicht. |     | PKD |                |  |  |
|  |                    |                  |        |     | JP2               | B16              | B5K | B6K | B22 | B23 | B30 | B36 | B40 | B52                | UC1 | PD1 | PD2            | Siehe Seite:   |  |
| <br>4 Ecken CBN bestückt                  | DNGA 150604 PQ TCE | DNGA441PQT0420   | T01020 | 0.4 |                   |                  |     |     |     |     |     |     |     |                    |     |     |                | <b>F13</b><br><b>F15</b><br><b>G41</b><br><b>K35</b> |  |
|  | 150608 PQ SCD      | 442PQS0415       | S01015 | 0.8 |                   |                  |     |     |     |     |     |     |     |                    |     |     |                |  |  |
|  | 150608 PQ SXF      | 442PQS0525       | S01325 | 0.8 |                   |                  |     |     |     |     |     |     |     |                    |     |     |                |  |  |
|  | 150608 PQ TCE      | 442PQT0420       | T01020 | 0.8 |                   |                  |     |     |     |     |     |     |     |                    |     |     |                |  |  |
|  | 150612 PQ SCD      | 443PQS0415       | S01015 | 1.2 |                   |                  |     |     |     |     |     |     |     |                    |     |     |                |  |  |
|  | 150612 PQ SXF      | 443PQS0525       | S01325 | 1.2 |                   |                  |     |     |     |     |     |     |     |                    |     |     |                |  |  |
|  | 150612 PQ TCE      | 443PQT0420       | T01020 | 1.2 |                   |                  |     |     |     |     |     |     |     |                    |     |     |                |  |  |
|  | 150616 PQ SCD      | 444PQS0415       | S01015 | 1.6 |                   |                  |     |     |     |     |     |     |     |                    |     |     |                |  |  |
|  | 150616 PQ SXF      | 444PQS0525       | S01325 | 1.6 |                   |                  |     |     |     |     |     |     |     |                    |     |     |                |  |  |
| <br>2 Ecken CBN bestückt auf einer Seite | DNGA 150404 PD F   | DNGA431PDFNX     |        | 0.4 |                   |                  |     |     |     |     |     |     |     |                    |     |     |                |  |  |
|  | 150408 PD F        | 432PDFNX         |        | 0.8 |                   |                  |     |     |     |     |     |     |     |                    |     |     |                |  |  |
|  | 150412 PD F        | 433PDFNX         |        | 1.2 |                   |                  |     |     |     |     |     |     |     |                    |     |     |                |  |  |
| <br>Eine Ecke PKD bestückt              | DNMX 150404 PF     |                  |        | 0.4 |                   |                  |     |     |     |     |     |     |     |                    |     |     |                |  |  |
|  | 150408 PF          |                  |        | 0.8 |                   |                  |     |     |     |     |     |     |     |                    |     |     |                |  |  |

● : Standard-Artikel    ● : Neue Artikel    ■ : Auf Anfrage    ★ : Festgelegte Ausführung

| Bezeichnung | IC   | Dicke |
|-------------|------|-------|
| RN_1203_    | 12.7 | 3.18  |
| RN_1204_    | 12.7 | 4.76  |

## <Runde negative Platten>

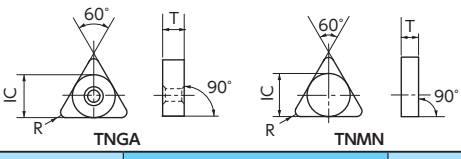
| Form  | ISO-Bezeichnung | Inch-Bezeichnung | Fase   | R | Materialien       |                  |     |     |     |     |     |     |     |                    |     |     | Werkzeughalter |  |   |
|---|-----------------|------------------|--------|---|-------------------|------------------|-----|-----|-----|-----|-----|-----|-----|--------------------|-----|-----|----------------|--|---|
|   |                 |                  |        |   | BIDEMICS (Besch.) | CBN (PVD-Besch.) |     |     | CBN |     |     |     |     | Diamant beschicht. |     | PKD |                |  |   |
|   |                 |                  |        |   | JP2               | B16              | B5K | B6K | B22 | B23 | B30 | B36 | B40 | B52                | UC1 | PD1 | PD2            | Siehe Seite:                           |   |
| <br>Full-Face Platte | RNGN 120400 S   | RNGN430S         | Z01015 | — |                   |                  |     |     |     |     |     |     |     |                    |     |     |                | <b>F30</b><br><b>L23</b><br><b>L30</b> |   |
| <br>Voll-CBN         | RNMN 120300 STN | RNMN420STN       | T01025 | — |                   |                  |     |     |     |     |     |     |     |                    |     |     |                |  | — |
|   | RNMN 120400 STN | RNMN430STN       | T01025 | — |                   |                  |     |     |     |     |     |     |     |                    |     |     |                | siehe oben                             |   |

● : Standard-Artikel    ● : Neue Artikel    ■ : Auf Anfrage    ★ : Festgelegte Ausführung



| Bezeichnung | IC    | Dicke |
|-------------|-------|-------|
| TN_1604_    | 9.525 | 4.76  |
| TN_2204_    | 12.7  | 4.76  |

## <60 Grad dreieckige negative Platten>

| Form  | ISO-Bezeichnung  | Inch-Bezeichnung | Fase   | R   | BIDEMICS (Besch.) | CBN (PVD-Besch.) |     | CBN |     |     |     | Diamant-beschicht. |     | PKD | Werkzeughalter<br>Siehe Seite: |     |     |
|---|------------------|------------------|--------|-----|-------------------|------------------|-----|-----|-----|-----|-----|--------------------|-----|-----|--------------------------------|-----|-----|
|   |                  |                  |        |     |                   | B16              | B5K | B6K | B22 | B23 | B30 | B36                | B40 |     |                                | B52 | UC1 |
|  | TNGA 160401 PH F | TNGA3304PHFNX    | None   | 0.1 | JP2               |                  |     |     |     |     |     |                    |     |     |                                |     |     |
|   | 160401 PH SCD    | 3304PHS0415      | S01015 | 0.1 |                   |                  | ●   | ●   |     |     |     | ●                  | ●   |     |                                |     |     |
|   | 160401 PH SXF    | 3304PH0525       | S01325 | 0.1 |                   |                  | ●   | ●   |     |     |     | ●                  | ●   |     |                                |     |     |
|   | 160401 PH SEH    | 3304PHS0635      | S01535 | 0.1 |                   |                  | ●   |     |     |     |     | ●                  | ●   |     |                                |     |     |
|   | 160402 PH F      | 3308PHFNX        |        |     | 0.2               |                  |     |     |     |     | ●   |                    | ●   |     |                                |     |     |
|   | 160402 PH SCD    | 3308PHS0415      | S01015 | 0.2 |                   |                  | ●   | ●   |     |     |     | ●                  | ●   | ●   |                                |     |     |
|   | 160402 PH SXF    | 3308PHS0525      | S01325 | 0.2 |                   |                  | ●   | ●   |     |     |     | ●                  | ●   | ●   |                                |     |     |
|   | 160402 PH SEH    | 3308PHS0635      | S01535 | 0.2 |                   |                  | ●   |     |     |     |     | ●                  | ●   | ●   |                                |     |     |
|   | 160404 PH F      | 331PHFNX         |        |     | 0.4               |                  |     |     |     |     |     |                    | ●   |     |                                |     |     |
|   | 160404 PH SCD    | 331PHS0415       | S01015 | 0.4 |                   |                  | ●   | ●   |     |     |     | ●                  | ●   | ●   |                                |     |     |
|   | 160404 PH SCE    | 331PHS0420       | S01020 | 0.4 |                   |                  |     |     |     | ●   |     |                    |     |     |                                |     |     |
|   | 160404 PH SXF    | 331PHS0525       | S01325 | 0.4 |                   |                  | ●   | ●   |     |     |     | ●                  | ●   | ●   |                                |     |     |
|   | 160404 PH SEH    | 331PHS0635       | S01535 | 0.4 |                   |                  | ●   | ●   |     |     |     | ●                  | ●   | ●   |                                |     |     |
|   | 160404 PH TCE    | 331PHT0420       | T01020 | 0.4 |                   |                  |     |     |     |     | ●   |                    |     |     |                                |     |     |
|   | 160408 PH F      | 332PHFNX         |        |     | 0.8               |                  |     |     |     |     |     |                    | ●   |     |                                |     |     |
|   | 160408 PH SCD    | 332PHS0415       | S01015 | 0.8 |                   |                  | ●   | ●   |     |     |     | ●                  | ●   | ●   |                                |     |     |
|   | 160408 PH SCE    | 332PHS0420       | S01020 | 0.8 |                   |                  |     |     |     |     | ●   |                    |     |     |                                |     |     |
|   | 160408 PH SXF    | 332PHS0525       | S01325 | 0.8 |                   |                  | ●   | ●   |     |     |     | ●                  | ●   | ●   |                                |     |     |
|   | 160408 PH SEH    | 332PHS0635       | S01535 | 0.8 |                   |                  | ●   | ●   |     |     |     | ●                  | ●   | ●   |                                |     |     |
|   | 160408 PH TCE    | 332PHT0420       | T01020 | 0.8 |                   |                  |     |     |     |     |     | ●                  |     |     |                                |     |     |
|   | 160412 PH F      | 333PHFNX         |        |     | 1.2               |                  |     |     |     |     |     |                    | ●   |     |                                |     |     |
|   | 160412 PH SCD    | 333PHS0415       | S01015 | 1.2 |                   |                  | ●   | ●   |     |     |     | ●                  | ●   | ●   |                                |     |     |
|   | 160412 PH SCE    | 333PHS0420       | S01020 | 1.2 |                   |                  |     |     |     |     | ●   |                    |     |     |                                |     |     |
|   | 160412 PH SXF    | 333PHS0525       | S01325 | 1.2 |                   |                  | ●   | ●   |     |     |     | ●                  | ●   | ●   |                                |     |     |
|   | 160412 PH SEH    | 333PHS0635       | S01535 | 1.2 |                   |                  | ●   | ●   |     |     |     | ●                  | ●   | ●   |                                |     |     |
|   | 160412 PH TCE    | 333PHT0420       | T01020 | 1.2 |                   |                  |     |     |     |     |     | ●                  |     |     |                                |     |     |
|   | 160416 PH SCD    | 334PHS0415       | S01015 | 1.6 |                   |                  | ●   | ●   |     |     |     | ●                  |     |     |                                |     |     |
|   | 160416 PH SXF    | 334PHS0525       | S01325 | 1.6 |                   |                  | ●   | ●   |     |     |     | ●                  |     |     |                                |     |     |
|   | 160416 PH SEH    | 334PHS0635       | S01535 | 1.6 |                   |                  | ●   | ●   |     |     |     | ●                  |     |     |                                |     |     |
|   | 160416 PH TCE    | 334PHT0420       | T01020 | 1.6 |                   |                  |     |     |     |     |     | ●                  |     |     |                                |     |     |
|   | 220412 PH SCD    | 433PHS0415       | S01015 | 1.2 |                   |                  |     |     |     |     |     |                    | ●   |     |                                |     |     |
|   | 220412 PH SEH    | 433PHS0635       | S01535 | 1.2 |                   |                  |     |     |     |     |     |                    | ●   |     |                                |     |     |

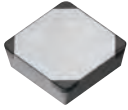
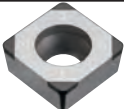
F23  
F25  
G39

● : Standard-Artikel    ● : Neue Artikel    ■ : Auf Anfrage    ★ : Festgelegte Ausführung



| Bezeichnung     | IC    | Dicke | Winkel |
|-----------------|-------|-------|--------|
| <b>SP_0903</b>  | 9.525 | 3.18  | 11°    |
| <b>SCGW09T3</b> | 9.525 | 3.97  | 7°     |

### <90 Grad quadratische positive Platten>

| Form  | ISO-Bezeichnung    | Inch-Bezeichnung | Fase   | R   | Beschichtung      |                  |     |     |     |     |     |     |                    |     | Werkzeughalter |     |     |              |  |
|---|--------------------|------------------|--------|-----|-------------------|------------------|-----|-----|-----|-----|-----|-----|--------------------|-----|----------------|-----|-----|--------------|--|
|   |                    |                  |        |     | BIDEMICS (Besch.) | CBN (PVD-Besch.) |     |     | CBN |     |     |     | Diamant beschicht. |     |                | PKD |     |              |  |
|   |                    |                  |        |     | JP2               | B16              | B5K | B6K | B22 | B23 | B30 | B36 | B40                | B52 | UC1            | PD1 | PD2 | Siehe Seite: |  |
|  <p>4 Ecken CBN bestückt</p>  | SPGN 090304 PQ SCD | SPGN321PQS0415   | S01015 | 0.4 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |  |
|   | 090304 PQ SCE      | 321PQS0420       | S01020 | 0.4 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |  |
|   | 090304 PQ SEH      | 321PQS0635       | S01535 | 0.4 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |  |
|   | 090304 PQ TCE      | 321PQT0420       | T01020 | 0.4 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |  |
|   | SPGN 090308 PQ SCD | SPGN322PQS0415   | S01015 | 0.8 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |  |
|   | 090308 PQ SCE      | 322PQS0420       | S01020 | 0.8 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |  |
|   | 090308 PQ SEH      | 322PQS0635       | S01535 | 0.8 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |  |
|   | 090308 PQ TCE      | 322PQT0420       | T01020 | 0.8 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |  |
|   | SPGN 090312 PQ SCD | SPGN323PQS0415   | S01015 | 1.2 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |  |
|   | 090312 PQ SCE      | 323PQS0420       | S01020 | 1.2 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |  |
|   | 090312 PQ SEH      | 323PQS0635       | S01535 | 1.2 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |  |
|   | 090312 PQ TCE      | 323PQT0420       | T01020 | 1.2 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |  |
|  <p>4 Ecken CBN bestückt</p> | SCGW 09T304 PQ ZCD | SCGW32.51PQZ0415 | Z01015 | 0.4 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |  |
|   | 09T308 PQ ZCD      | 32.52PQZ0415     | Z01015 | 0.8 |                   |                  |     |     |     |     |     |     |                    |     |                |     |     |              |  |

● : Standard-Artikel    ● : Neue Artikel    ■ : Auf Anfrage    ★ : Festgelegte Ausführung