

TNMG-NM7

| | l | s | r | ALC280 P25/M20/K30 | ALC420 P10/K20 |
|------|----|----|--------|-----------------------|-------------------|
| TNMG | 16 | 04 | 04-NM7 | ■ | |
| TNMG | 16 | 04 | 08-NM7 | ■ | ■ |
| TNMG | 16 | 04 | 12-NM7 | ■ | |
| TNMG | 22 | 04 | 04-NM7 | ■ | |
| TNMG | 22 | 04 | 08-NM7 | ■ | ■ |

TNMG-NM6

| | l | s | r | ALP300 P35/M25/S25 |
|------|----|----|--------|-----------------------|
| TNMG | 16 | 04 | 04-NM6 | ■ |
| TNMG | 16 | 04 | 08-NM6 | ■ |

TNMG-NR4

| | l | s | r | ALP300 P35/M25/S25 |
|------|----|----|--------|-----------------------|
| TNMG | 16 | 04 | 08-NR4 | ■ |
| TNMG | 16 | 04 | 12-NR4 | ■ |

TNMG-NM8

| | l | s | r | ALP230 M15/S15 |
|------|----|----|--------|-------------------|
| TNMG | 16 | 04 | 08-NM8 | ■ |

● Coated grades ● Beschichtete Sorten ● Belagda sorter.



CVD = Chemical Vapour Deposition
PVD = Physical Vapour Deposition

Ordering example:

Bestellbeispiel: **TNMG 220404-NF1 ALC 245**

Beställningsexempel:

Page: **B31-B49**
Seite: **B31-B49**

Page: **B79-B83**
Seite: **B79-B83**

Page: **B103-B110**
Seite: **B103-B110**

- Stocked - Ab Lager - Lagerfört
- Limited stocked - Begrenzt ab Lager - Begränsat lagerfört
- Offered on request - Auf Anfrage angeboten - Offereras på begäran



Selection of cutting geometry, page:
Wahl der Schneidengeometrie, Seite: **B22-B26**
Val av skärgeometri, sida:

Selection of carbide grade, page:
Wahl der Hartmetallsorte, Seite: **B134**
Val av hårdmetallsort, sida:

Cutting data, page:
Schnittdaten, Seite: **B151-B156**
Skärdata, sida:

TNMA

ALC420
P10/K20

| | l | s | r |
|------|----------|---|---|
| TNMA | 27 06 08 | | |
| TNMA | 27 06 12 | | |
| TNMA | 27 06 16 | | |

SNMG-NM7

ALC420
P10/K20

ALC280
P25/M20/K30

| | l | s | r |
|------|--------------|---|---|
| SNMG | 09 03 04-NM7 | | |
| SNMG | 09 03 08-NM7 | | |
| SNMG | 12 04 08-NM7 | | |
| SNMG | 12 04 12-NM7 | | |

SNMG-NR4

ALP300
P35/M25/S25

| | l | s | r |
|------|--------------|---|---|
| SNMG | 09 03 04-NR4 | | |
| SNMG | 09 03 08-NR4 | | |

SNMG-NM4

ALC280
P25/M20/K30

| | l | s | r |
|------|--------------|---|---|
| SNMG | 15 06 12-NM4 | | |
| SNMG | 19 06 12-NM4 | | |

SNMM-NM2

ALC280
P25/M20/K30

| | l | s | r |
|------|--------------|---|---|
| SNMM | 19 06 16-NM2 | | |
| SNMM | 19 06 24-NM2 | | |

SNMG-NM8

ALP230
M15/S15

| | l | s | r |
|------|--------------|---|---|
| SNMG | 12 04 08-NM8 | | |

CNMG-NM6

| | | | | |
|------|----|----|--------|---|
| | l | s | r | |
| CNMG | 12 | 04 | 04-NM6 | ■ |
| CNMG | 12 | 04 | 08-NM6 | ■ |

ALP300
P35/M25/S25

CNMG-NR4

| | | | | |
|------|----|----|--------|---|
| | l | s | r | |
| CNMG | 12 | 04 | 08-NR4 | ■ |
| CNMG | 12 | 04 | 12-NR4 | ■ |

ALP300
P35/M25/S25

CNMG-NM7

| | | | | |
|------|----|----|--------|---|
| | l | s | r | |
| CNMG | 12 | 04 | 04-NM7 | ■ |
| CNMG | 12 | 04 | 08-NM7 | ■ |
| CNMG | 12 | 04 | 12-NM7 | ■ |

ALC280
P25/M20/K30

ALC420
P10/K20

CNMG-NM8

| | | | | |
|------|----|----|--------|---|
| | l | s | r | |
| CNMG | 12 | 04 | 08-NM8 | ■ |

ALP230
M15/S15

CNMM-NM3

| | | | | |
|------|----|----|--------|---|
| | l | s | r | |
| CNMM | 12 | 04 | 12-NM3 | ■ |
| CNMM | 16 | 06 | 12-NM3 | ■ |
| CNMM | 19 | 06 | 16-NM3 | ■ |

ALC280
P25/M20/K30

CNMG-NM4

| | | | | |
|------|----|----|--------|---|
| | l | s | r | |
| CNMG | 16 | 06 | 12-NM4 | ■ |
| CNMG | 19 | 06 | 12-NM4 | ■ |
| CNMG | 19 | 06 | 16-NM4 | ■ |

ALC280
P25/M20/K30

● Coated grades ● Beschichtete
Sorten ● Belagda sorter.

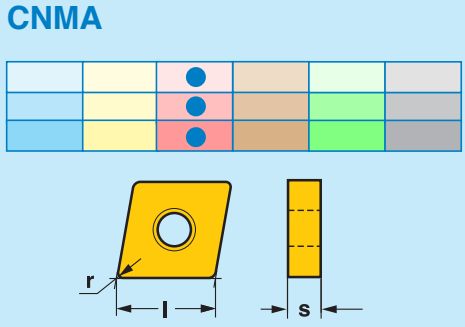
CVD TiN/TiCN/Al₂O₃/TiN+
 PVD TiAlN
 CVD TiN/TiCN/Al₂O₃

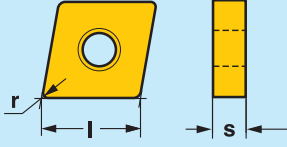
CVD = Chemical Vapour Deposition
PVD = Physical Vapour Deposition


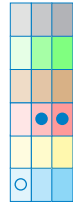



| | | | | | |
|--|--------------------------|----------------|--|--------------------------|------------------|
| | Page: Seite: Sida: | B31-B49 | | Page: Seite: Sida: | B103-B110 |
| | Page: Seite: Sida: | B79-B83 | | | |

Ordering example:
Bestellbeispiel: **WNMG 080408-NM1 ALC 245**
Beställningsexempel:

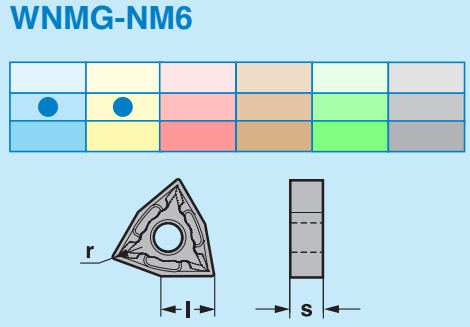
CNMA

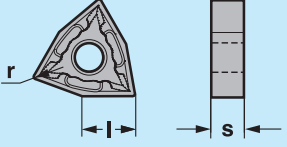



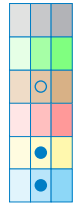




| | | | |
|--|----------|---|---|
|  | l s r | ALC420 P10/K20 |  |
| CNMA | 12 04 08 |  | |
| CNMA | 12 04 12 |  | |
| CNMA | 12 04 16 |  | |

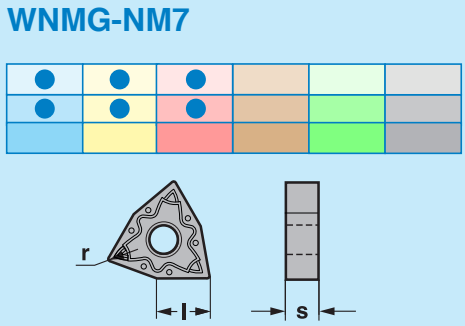
WNMG-NM6

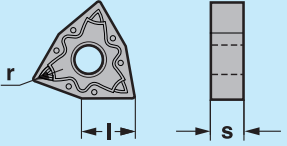



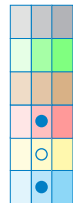
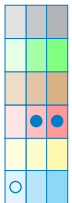









| | | | |
|---|--------------|---|---|
|  | l s r | ALP300 P35/M25/S25 |  |
| WNMG | 08 04 04-NM6 |  | |
| WNMG | 08 04 08-NM6 |  | |

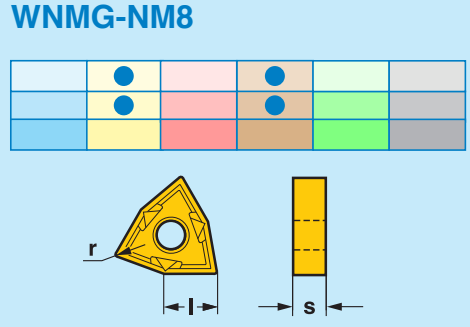
WNMG-NM7

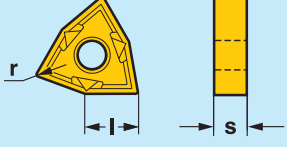



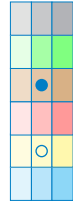



| | | | | |
|--|--------------|---|---|---|
|  | l s r | ALC280 P25/M20/K30 |  |  |
| WNMG | 06 04 04-NM7 |  | | |
| WNMG | 06 04 08-NM7 |  | | |
| WNMG | 08 04 04-NM7 |  | | |
| WNMG | 08 04 08-NM7 |  |  | |
| WNMG | 08 04 12-NM7 |  |  | |

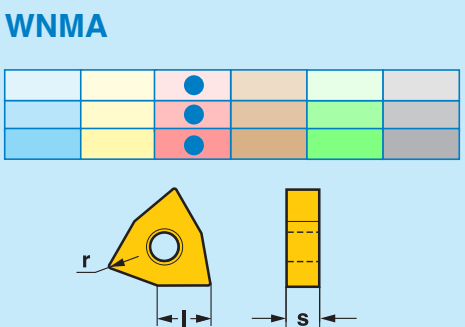
WNMG-NM8

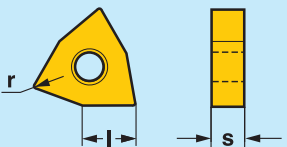



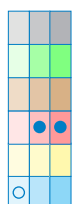



| | | | |
|--|--------------|---|---|
|  | l s r | ALP230 M15/S15 |  |
| WNMG | 08 04 08-NM8 |  | |

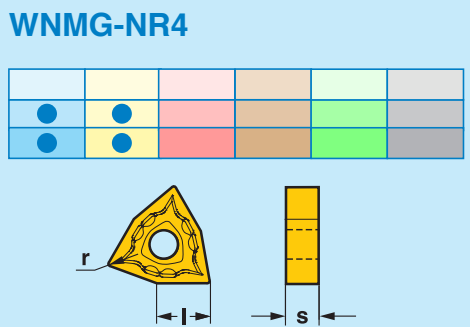
WNMA

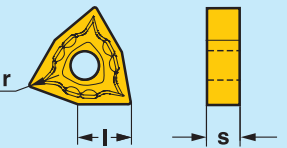



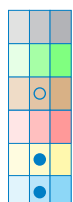




| | | | |
|--|----------|---|---|
|  | l s r | ALC420 P10/K20 |  |
| WNMA | 08 04 08 |  | |

WNMG-NR4





| | | | |
|---|--------------|---|---|
|  | l s r | ALP300 P35/M25/S25 |  |
| WNMG | 08 04 08-NR4 |  | |
| WNMG | 08 04 12-NR4 |  | |

-  Stocked - Ab Lager - Lagerfört
-  Limited stocked - Begrenzt ab Lager - Begränsat lagerfört
-  Offered on request - Auf Anfrage angeboten - Offereras på begäran

Selection of carbide grade, page:
Wahl der Hartmetallsorte, Seite:
Val av hårdmetallsort, sida:

B134

*  Selection of cutting geometry, page:
Wahl der Schneidengeometrie, Seite: **B22-B26**
Val av skärgeometri, sida:

Cutting data, page:
Schnittdaten, Seite: **B151-B156**
Skärdata, sida:

DNMG-NM6

| ALP300 | P35/M25/S25 |
|--------|-------------|
| ■ | ■ |
| ■ | ■ |
| ■ | ■ |
| ■ | ■ |

| l | s | r |
|-------------------|---|---|
| DNMG 15 04 04-NM6 | | |
| DNMG 15 04 08-NM6 | | |
| DNMG 15 06 04-NM6 | | |
| DNMG 15 06 08-NM6 | | |

DNMG-NR4

| ALP300 | P35/M25/S25 |
|--------|-------------|
| ■ | ■ |
| ■ | ■ |

| l | s | r |
|-------------------|---|---|
| DNMG 15 06 08-NR4 | | |
| DNMG 15 06 12-NR4 | | |

DNMG-NM7

| ALC280 | P25/M20/K30 | ALC420 | P10/K20 |
|--------|-------------|--------|---------|
| ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ |

| l | s | r |
|-------------------|---|---|
| DNMG 11 04 04-NM7 | | |
| DNMG 11 04 08-NM7 | | |
| DNMG 15 06 04-NM7 | | |
| DNMG 15 06 08-NM7 | | |
| DNMG 15 06 12-NM7 | | |

DNMG-NM8

| ALP230 | M15/S15 |
|--------|---------|
| ■ | ■ |

| l | s | r |
|-------------------|---|---|
| DNMG 15 06 08-NM8 | | |

VNMG-NM6

| ALP300 | P35/M25/S25 |
|--------|-------------|
| ■ | ■ |

| l | s | r |
|-------------------|---|---|
| VNMG 16 04 08-NM6 | | |

VNMG-NM7

| ALC280 | P25/M20/K30 |
|--------|-------------|
| ■ | ■ |
| ■ | ■ |

| l | s | r |
|-------------------|---|---|
| VNMG 16 04 04-NM7 | | |
| VNMG 16 04 08-NM7 | | |

● Coated grades ● Beschichtete Sorten ● Belagda sorter. CVD = Chemical Vapour Deposition PVD = Physical Vapour Deposition
 CVD TiN/TiCN/Al₂O₃/TiN+ PVD TiALN CVD TiN/TiCN/Al₂O₃

Page: B31-B49
 Seite: B31-B49
 Sida: B31-B49

Page: B79-B83
 Seite: B79-B83
 Sida: B79-B83

Page: B103-B110
 Seite: B103-B110
 Sida: B103-B110

Ordering example: **SNMG 150608-NM4 ALC 245**
 Bestellbeispiel:
 Beställningsexempel:

VNMG-NM8

| | l | s | r |
|------|----|----|--------|
| VNMG | 16 | 04 | 08-NM8 |

ALP230
M15/S15

RNMG-NM7

| | l | s | r |
|------|----|----|--------|
| RNMG | 09 | 03 | 00-NM7 |
| RNMG | 12 | 04 | 00-NM7 |
| RNMG | 15 | 06 | 00-NM7 |
| RNMG | 19 | 06 | 00-NM7 |

ALC280
P25/M20/K30

- Stocked - Ab Lager - Lagerfört
- Limited stocked - Begrenzt ab Lager - Begränsat lagerfört
- Offered on request - Auf Anfrage angeboten - Offereras på begäran

Selection of carbide grade, page:
Wahl der Hartmetallsorte, Seite:
Val av hårdmetallsort, sida:

B134



Selection of cutting geometry, page:
Wahl der Schneidengeometrie, Seite:
Val av skärgeometri, sida:

B22-B26

Cutting data, page:
Schnittdaten, Seite:
Skärdata, sida:

B151-B156