



**NEU**  
**NEW**

**NEUE SORTE IG96 FÜR  
HÖHERE STANDZEIT  
SYSTEM 224/229**

**NEW IG96 GRADE FOR  
LONGER TOOL LIFE  
SYSTEM 224/229**





# **DER UNTERSCHIED: MEHR MÖGLICHKEITEN**

THE DIFFERENCE:  
MORE POSSIBILITIES

- **Steigerung der Produktivität  
durch warmfeste Sorte**

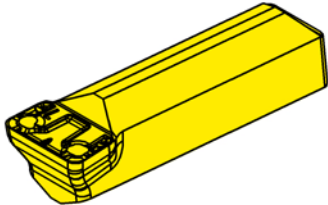
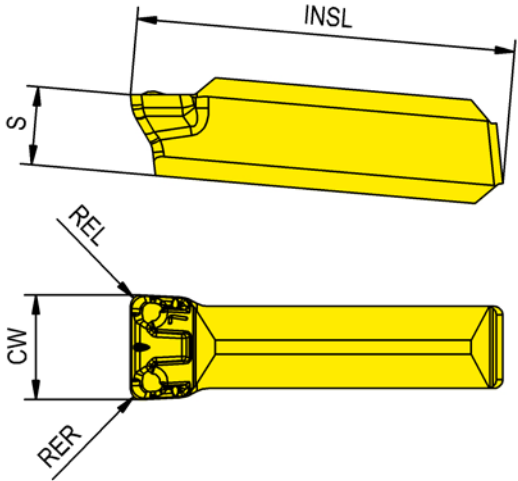
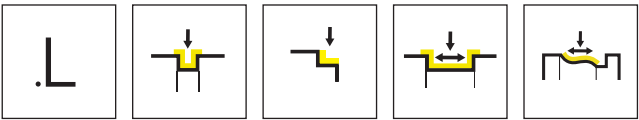
Increased productivity due to  
a heat-resistant grade

- **Effiziente Zerspanung allgemeiner  
und rostfreier Werkstoffe**

Efficient machining of general and  
stainless materials

- **Schnelle Lieferzeiten durch  
interne HiPIMS-Beschichtung**

Fast delivery times thanks to  
in-house HiPIMS coating

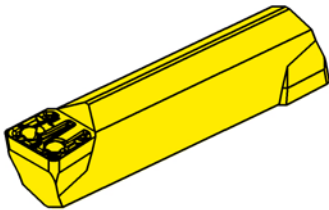
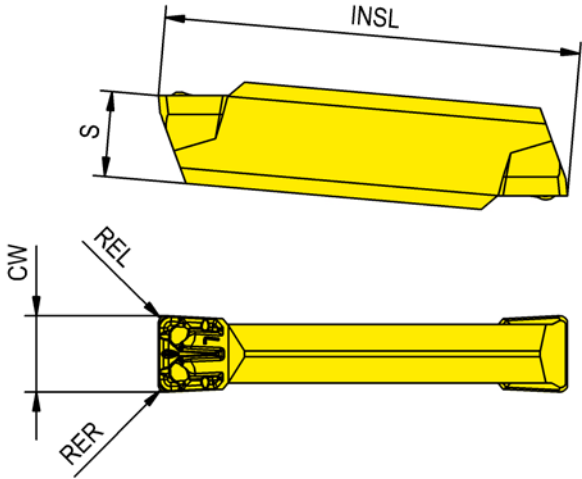
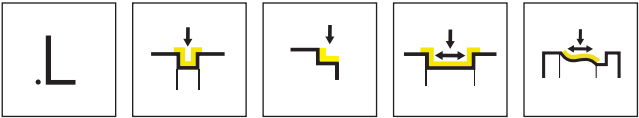


|                  |            |
|------------------|------------|
| Sorten<br>Grades |            |
| ▲ ab Lager       | Δ 4 Wochen |
| ▲ on stock       | Δ 4 weeks  |

| Artikelnummer<br>Part number | CW | INS L | REL | RER | S   | Trennstelle M<br>Interface M | IG% |
|------------------------------|----|-------|-----|-----|-----|------------------------------|-----|
| S124.0600.L6                 | 6  | 21,7  | 0,6 | 0,6 | 4,5 | 224060058N                   | ▲   |
|                              |    |       |     |     |     |                              | P ● |
|                              |    |       |     |     |     |                              | M o |
|                              |    |       |     |     |     |                              | K - |
|                              |    |       |     |     |     |                              | N - |
|                              |    |       |     |     |     |                              | S - |
|                              |    |       |     |     |     |                              | H - |

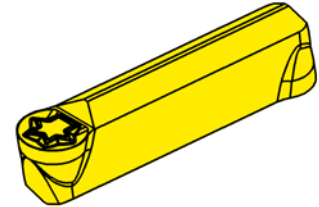
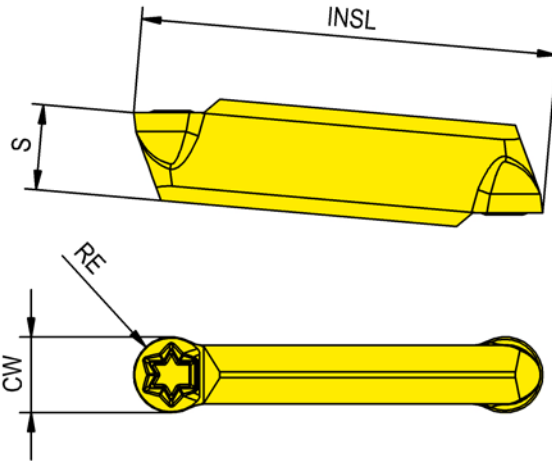
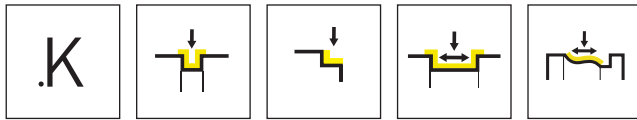
# Wendeschneidplatte

## Indexable insert



|            |            |
|------------|------------|
| Sorten     |            |
| Grades     |            |
| ▲ ab Lager | Δ 4 Wochen |
| ▲ on stock | Δ 4 weeks  |

| Artikelnummer<br>Part number | CW | INSL | REL | RER | S   | Trennstelle M<br>Interface M | IG% |
|------------------------------|----|------|-----|-----|-----|------------------------------|-----|
| S224.0300.L4                 | 3  | 22   | 0,4 | 0,4 | 4,5 | 224030058N                   | ▲   |
| S224.0400.L4                 | 4  | 22   | 0,4 | 0,4 | 4,5 | 224040058N                   | ▲   |
| S224.0500.L4                 | 5  | 22   | 0,4 | 0,4 | 4,5 | 224050058N                   | ▲   |
| S224.0500.L6                 | 5  | 22   | 0,6 | 0,6 | 4,5 | 224050058N                   | ▲   |
| S224.0600.L4                 | 6  | 22   | 0,4 | 0,4 | 4,5 | 224060058N                   | ▲   |
| S224.0600.L6                 | 6  | 22   | 0,6 | 0,6 | 4,5 | 224060058N                   | ▲   |
|                              |    |      |     |     |     | P                            | ●   |
|                              |    |      |     |     |     | M                            | o   |
|                              |    |      |     |     |     | K                            | -   |
|                              |    |      |     |     |     | N                            | -   |
|                              |    |      |     |     |     | S                            | -   |
|                              |    |      |     |     |     | H                            | -   |

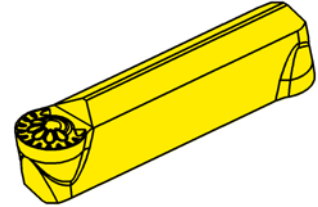
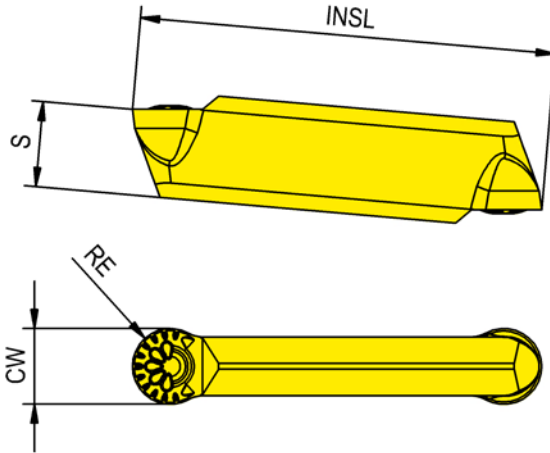
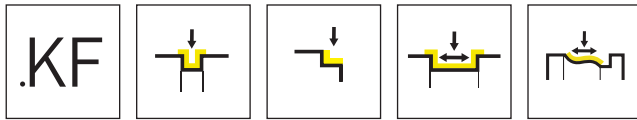


Sorten  
Grades  
▲ ab Lager    Δ 4 Wochen  
▲ on stock    Δ 4 weeks

| Artikelnummer<br>Part number | CW | INSL | RE  | S   | Trennstelle M<br>Interface M | IG% |
|------------------------------|----|------|-----|-----|------------------------------|-----|
| <b>S224.0010.K2</b>          | 2  | 22   | 1   | 4,5 | 224010058N                   | ▲   |
| <b>S224.0015.K3</b>          | 3  | 22   | 1,5 | 4,5 | 224030058N                   | ▲   |
| <b>S224.0020.K4</b>          | 4  | 22   | 2   | 4,5 | 224040058N                   | ▲   |
| <b>S224.0025.K5</b>          | 5  | 22   | 2,5 | 4,5 | 224050058N                   | ▲   |
| <b>S224.0030.K6</b>          | 6  | 22   | 3   | 4,5 | 224060058N                   | ▲   |
|                              |    |      |     |     |                              | P ● |
|                              |    |      |     |     |                              | M o |
|                              |    |      |     |     |                              | K - |
|                              |    |      |     |     |                              | N - |
|                              |    |      |     |     |                              | S - |
|                              |    |      |     |     |                              | H - |

DMIN für Eckenfreistriche in Verbindung mit Klemmhalter unter 45°  
DMIN for corner reliefs with toolholder 45°

| CDX | S224.0010.K2 | S224.0015.K3 | S224.0020.K4 | S224.0025.K5 | S224.0030.K6 |
|-----|--------------|--------------|--------------|--------------|--------------|
| 0,5 | Ø 34         | Ø 26         | Ø 22         | Ø 21         | Ø 14         |
| 1,0 | Ø 54         | Ø 36         | Ø 26         | Ø 22         | Ø 18         |
| 1,5 | Ø 54         | Ø 36         | Ø 26         | Ø 22         | Ø 18         |
| 2,0 | Ø 55         | Ø 36         | Ø 26         | Ø 22         | Ø 18         |
| 2,5 | Ø 56         | Ø 36         | Ø 26         | Ø 22         | Ø 18         |
| 3,0 | -            | -            | -            | Ø 22         | Ø 18         |

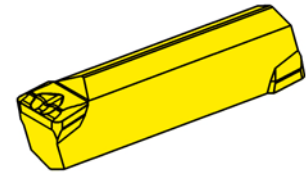
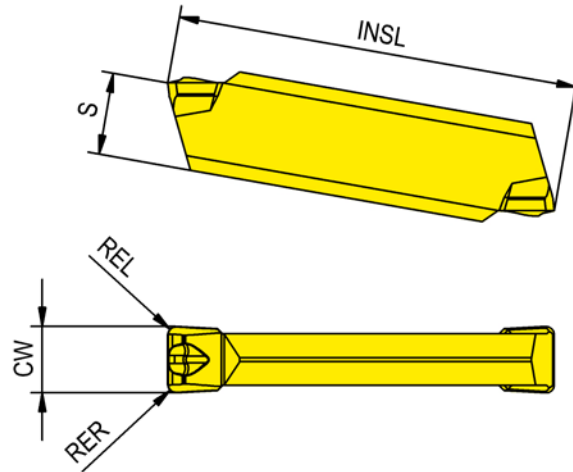
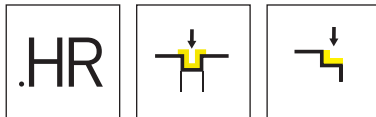


Sorten  
Grades  
▲ ab Lager    Δ 4 Wochen  
▲ on stock    Δ 4 weeks

| Artikelnummer<br>Part number | CW | INSL | RE  | S   | Trennstelle M<br>Interface M | IG% |
|------------------------------|----|------|-----|-----|------------------------------|-----|
| <b>S224.0010.KF2</b>         | 2  | 22   | 1   | 4,5 | 224010058N                   | ▲   |
| <b>S224.0020.KF4</b>         | 4  | 22   | 2   | 4,5 | 224040058N                   | ▲   |
| <b>S224.0025.KF5</b>         | 5  | 22   | 2,5 | 4,5 | 224050058N                   | ▲   |
| <b>S224.0030.KF6</b>         | 6  | 22   | 3   | 4,5 | 224060058N                   | ▲   |
|                              |    |      |     |     | P                            | ●   |
|                              |    |      |     |     | M                            | o   |
|                              |    |      |     |     | K                            | -   |
|                              |    |      |     |     | N                            | -   |
|                              |    |      |     |     | S                            | -   |
|                              |    |      |     |     | H                            | -   |

DMIN für Eckenfreistriche in Verbindung mit Klemmhalter unter 45°  
DMIN for corner reliefs with toolholder 45°

| CDX | S224.0010.KF2 | S224.0020.KF4 | S224.0025.KF5 | S224.0030.KF6 |
|-----|---------------|---------------|---------------|---------------|
| 0,5 | Ø 26          | Ø 21          | Ø 14          | Ø 14          |
| 1,0 | Ø 36          | Ø 22          | Ø 18          | Ø 18          |
| 1,5 | Ø 36          | Ø 22          | Ø 18          | Ø 18          |
| 2,0 | Ø 36          | Ø 22          | Ø 18          | Ø 18          |
| 2,5 | Ø 36          | Ø 22          | Ø 18          | Ø 18          |
| 3,0 | -             | Ø 22          | Ø 18          | Ø 18          |



Sorten

Grades

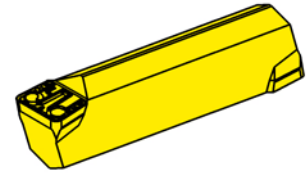
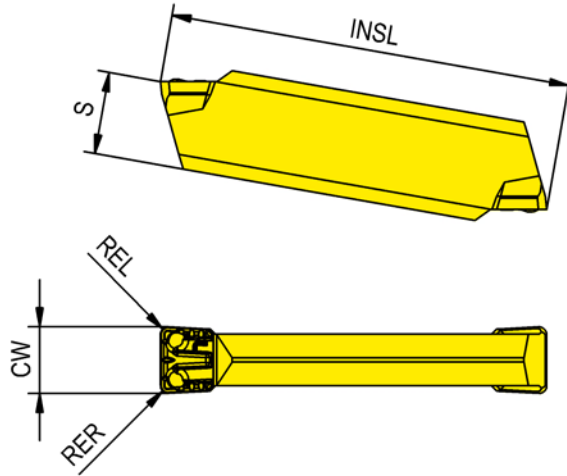
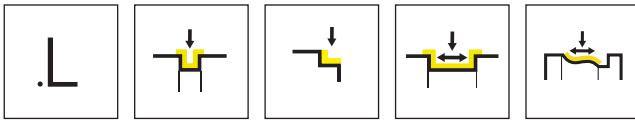
▲ ab Lager

Δ 4 Wochen

▲ on stock

Δ 4 weeks

| Artikelnummer<br>Part number | CW | INSL  | REL | RER | S    | Trennstelle M<br>Interface M | IG% |
|------------------------------|----|-------|-----|-----|------|------------------------------|-----|
| S229.0300.HR4                | 3  | 30,4  | 0,4 | 0,4 | 6,2  | S229030108N                  | ▲   |
| S229.0400.HR4                | 4  | 30,4  | 0,4 | 0,4 | 6,2  | S229040108N                  | ▲   |
| S229.0500.HR4                | 5  | 30,4  | 0,4 | 0,4 | 6,2  | S229050108N                  | ▲   |
| S229.0500.HR6                | 5  | 30,4  | 0,6 | 0,6 | 6,2  | S229050108N                  | ▲   |
| S229.0500.HR8                | 5  | 30,4  | 0,8 | 0,8 | 6,2  | S229050108N                  | ▲   |
| S229.0600.HR4                | 6  | 30,8  | 0,4 | 0,4 | 6,4  | S229060108N                  | ▲   |
| S229.0600.HR6                | 6  | 30,8  | 0,6 | 0,6 | 6,4  | S229060108N                  | ▲   |
| S229.0600.HR8                | 6  | 30,8  | 0,8 | 0,8 | 6,4  | S229060108N                  | ▲   |
| S229.0800.HR8.PG             | 8  | 30,75 | 0,8 | 0,8 | 6,35 | S229080108N                  | ▲   |
|                              |    |       |     |     |      | P                            | ●   |
|                              |    |       |     |     |      | M                            | o   |
|                              |    |       |     |     |      | K                            | -   |
|                              |    |       |     |     |      | N                            | -   |
|                              |    |       |     |     |      | S                            | -   |
|                              |    |       |     |     |      | H                            | -   |



Sorten

Grades

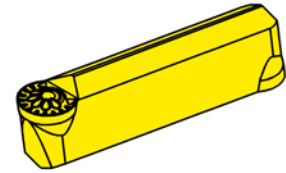
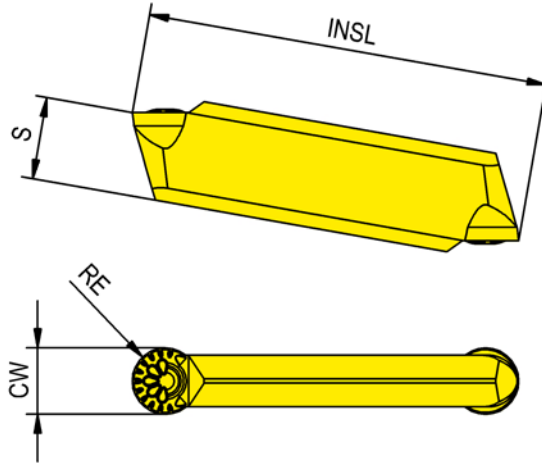
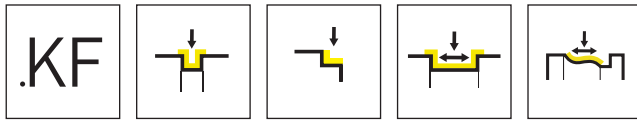
▲ ab Lager

Δ 4 Wochen

▲ on stock

Δ 4 weeks

| Artikelnummer<br>Part number | CW | INS L | REL | RER | S   | Trennstelle M<br>Interface M | IG% |
|------------------------------|----|-------|-----|-----|-----|------------------------------|-----|
| S229.0400.L4                 | 4  | 30,4  | 0,4 | 0,4 | 6,2 | S229040108N                  | ▲   |
| S229.0400.L6                 | 4  | 30,4  | 0,6 | 0,6 | 6,2 | S229040108N                  | ▲   |
| S229.0500.L4                 | 5  | 30,4  | 0,4 | 0,4 | 6,2 | S229050108N                  | ▲   |
| S229.0500.L6                 | 5  | 30,4  | 0,6 | 0,6 | 6,2 | S229050108N                  | ▲   |
| S229.0500.L8                 | 5  | 30,4  | 0,8 | 0,8 | 6,2 | S229050108N                  | ▲   |
| S229.0600.L4                 | 6  | 30,8  | 0,4 | 0,4 | 6,4 | S229060108N                  | ▲   |
| S229.0600.L6                 | 6  | 30,8  | 0,6 | 0,6 | 6,4 | S229060108N                  | ▲   |
| S229.0800.L6                 | 8  | 30,6  | 0,6 | 0,6 | 6,5 | S229080108N                  | ▲   |
|                              |    |       |     |     |     | P                            | ●   |
|                              |    |       |     |     |     | M                            | o   |
|                              |    |       |     |     |     | K                            | -   |
|                              |    |       |     |     |     | N                            | -   |
|                              |    |       |     |     |     | S                            | -   |
|                              |    |       |     |     |     | H                            | -   |



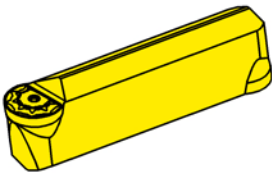
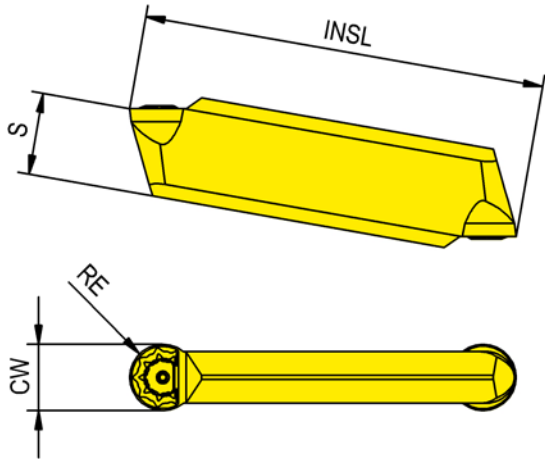
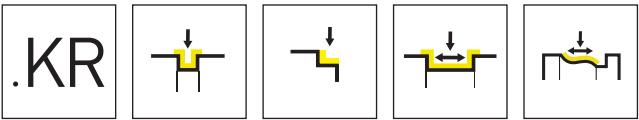
Sorten  
Grades  
▲ ab Lager    Δ 4 Wochen  
▲ on stock    Δ 4 weeks

| Artikelnummer<br>Part number | CW | INS   | RE  | S   | Trennstelle M<br>Interface M | IG% |
|------------------------------|----|-------|-----|-----|------------------------------|-----|
| <b>S229.0015.KF3</b>         | 3  | 30,4  | 1,5 | 6,2 | S229030108N                  | ▲   |
| <b>S229.0020.KF4</b>         | 4  | 30,4  | 2   | 6,2 | S229040108N                  | ▲   |
| <b>S229.0025.KF5</b>         | 5  | 30,4  | 2,5 | 6,2 | S229050108N                  | ▲   |
| <b>S229.0030.KF6</b>         | 6  | 30,75 | 3   | 6,4 | S229060108N                  | ▲   |
| <b>S229.0040.KF8</b>         | 8  | 31,2  | 4   | 6,4 | S229080108N                  | ▲   |
|                              |    |       |     |     | <b>P</b>                     | ●   |
|                              |    |       |     |     | <b>M</b>                     | o   |
|                              |    |       |     |     | <b>K</b>                     | -   |
|                              |    |       |     |     | <b>N</b>                     | -   |
|                              |    |       |     |     | <b>S</b>                     | -   |
|                              |    |       |     |     | <b>H</b>                     | -   |

DMIN für Eckenfreistriche in Verbindung mit Klemmhalter unter 45°

DMIN for corner reliefs with toolholder 45°

| CDX | S229.0015.KF3 | S229.0020.KF4 | S229.0025.KF5 | S229.0030.KF6 |
|-----|---------------|---------------|---------------|---------------|
| 0,5 | Ø 26          | Ø 26          | Ø 32          | Ø 32          |
| 1,0 | Ø 76          | Ø 55          | Ø 42          | Ø 37          |
| 1,5 | Ø 78          | Ø 58          | Ø 45          | Ø 41          |
| 2,0 | Ø 80          | Ø 59          | Ø 46          | Ø 42          |
| 2,5 | Ø 82          | Ø 60          | Ø 47          | Ø 43          |
| 3,0 | Ø 84          | Ø 62          | Ø 48          | Ø 44          |
| 3,5 | Ø 87          | Ø 63          | Ø 49          | Ø 46          |
| 4,0 | Ø 89          | Ø 65          | Ø 50          | Ø 47          |



|            |
|------------|
| Sorten     |
| Grades     |
| ▲ ab Lager |
| ▲ on stock |
| Δ 4 Wochen |
| Δ 4 weeks  |

| Artikelnummer<br>Part number | CW | INSL  | RE  | s   | Trennstelle M<br>Interface M | IG% |
|------------------------------|----|-------|-----|-----|------------------------------|-----|
| S229.0020.KR4                | 4  | 30,4  | 2   | 6,2 | S229040108N                  | ▲   |
| S229.0025.KR5                | 5  | 30,4  | 2,5 | 6,2 | S229050108N                  | ▲   |
| S229.0030.KR6                | 6  | 30,75 | 3   | 6,4 | S229060108N                  | ▲   |
|                              |    |       |     |     |                              | P ● |
|                              |    |       |     |     |                              | M o |
|                              |    |       |     |     |                              | K - |
|                              |    |       |     |     |                              | N - |
|                              |    |       |     |     |                              | S - |
|                              |    |       |     |     |                              | H - |



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