

|  |   |    |    |    | Page<br>Seite<br>Sida |
|--|---|----|----|----|-----------------------|
|  |   | 16 | 20 | 25 |                       |
|  | <b>PCLN R/L</b><br><b>MCLN R/L</b><br><b>CCLN R/L</b> | 12 | 12 |    | B105                  |
|  | <b>PDJN R/L</b><br><b>MDJN R/L</b><br><b>CDJN R/L</b> |    |    | 15 | B105                  |
|  | <b>PDUN R/L</b><br><b>MDUN R/L</b><br><b>CDUN R/L</b> |    |    | 15 | B106                  |
|  | <b>PCFN R/L</b><br><b>MCFN R/L</b><br><b>CCFN R/L</b> | 12 |    |    | B106                  |
|  | <b>PTFN R/L</b><br><b>MTFN R/L</b><br><b>CTFN R/L</b> | 16 | 16 |    | B107                  |
|  | <b>PTGN R/L</b><br><b>MTGN R/L</b><br><b>CTGN R/L</b> | 16 | 16 |    | B107                  |
|  | <b>PSYN R/L</b><br><b>MSYN R/L</b><br><b>CSYN R/L</b> | 12 | 12 |    | B108                  |
|  | <b>PSKN R/L</b><br><b>MSKN R/L</b><br><b>CSKN R/L</b> | 12 | 12 |    | B108                  |
|  | <b>PSRN R/L</b><br><b>MSRN R/L</b><br><b>CSRN R/L</b> | 12 | 12 |    | B109                  |
|  | <b>PTTN R/L</b><br><b>MTTN R/L</b><br><b>CTTN R/L</b> | 16 | 16 |    | B109                  |
|  | <b>PTWN R/L</b><br><b>MTWN R/L</b><br><b>CTWN R/L</b> | 16 | 16 |    | B110                  |
|  | <b>PTSN R/L</b><br><b>MTSN R/L</b><br><b>CTSN R/L</b> | 16 | 16 |    | B110                  |

**Please note:**

Holders in **M-style** must be used in combination with throw-away inserts which have an **insert height** according to **ISO** standard at the contact surface between the top of the clamp and the insert. If that would not be the case, as for example when using special cutting geometries with a pronounced positive rake angle, the top of the clamp will not touch the upper side of the insert and thereby the function of the **M-clamping** set will be negated.

**Bitte beachten:**

Halter in **M-Ausführung** dürfen **nur in Kombination** mit Wendeschneidplatten eingesetzt werden, deren **Höhe** zwischen Auflage und Spannfläche **ISO-Standard** entspricht.

Wenn dies nicht gegeben ist, wie z. B. bei einigen speziellen Schneidengeometrien mit betont positivem Spanwinkel, berührt die Spannhakennase die Oberseite der Schneidplatte nicht. Dadurch wird die Funktion des **M-Spannsatzes** vereitelt.

**Observera:**

Hållare i **M-utförande** måste användas i kombination med vändskär som har en **skärhöjd** enligt **ISO-standard** vid spannhakensnosens anliggningsyta. Om så ej är fallet, som t. ex. vid användande av speciella skärgeometrier med uttalat positiv spåninkel, kommer spannhakens nos ej i kontakt med skärets översida och därmed omintetgörs **M-spännsatsens** funktion.

Holders with **P-** and **M-clamping** are stocked in accordance with the range shown in the catalogue.

Holders with **C-clamping** in the **PMC-range** are not stocked. The **C-holder** is obtained in the following way:

- From the **P-holder**:

Remove the locking pin (LP) and change the clamping set (PS) for the clamping set MS in accordance with the sketch on page B16. The spare part designation on the clamping set (MS) is obtained from the table on corresponding holder size in **M-version**.

- From the **M-holder**:

Remove the locking pin (LP) in accordance with sketch on page B16.

**The MIRCONA PMC system is patented and patent pending in many countries.**

Halter mit **P-** und **M-Spannsystem** werden am Lager gehalten entsprechend der Aufstellung, die im Katalog gezeigt wird.

Halter mit **C-Spannsystem** werden in der **PMC-Produktpalette** nicht am Lager gehalten. Die **C-Ausführung** erhält man wie folgt:

- Aus dem **P-Halter**:

Entfernen Sie den Spannstift (LP) und wechseln Sie den Spannsatz (PS) gegen den Spannsatz (MS) entsprechend der Skizze auf Seite B16. Die Ersatzteilbeschreibung des Spannfingers (MS) erhalten Sie aus der Tabelle für die entsprechende Haltergröße in **M-Ausführung**.

- Aus dem **M-Halter**:

Entfernen Sie den Spannstift (LP) entsprechend der Skizze auf Seite B16.

**Das MIRCONA PMC-system ist in mehreren Ländern patentiert und zum Patent angemeldet.**

Hållare med **P-** och **M-fastspänning** lagerföres i överensstämmelse med sortimentet i katalogen.

Hållare med **C-fastspänning** i **PMC-sortimentet** lagerföres ej. **C-utförandet** erhålles på följande sätt:

- I från **P-hållaren**:

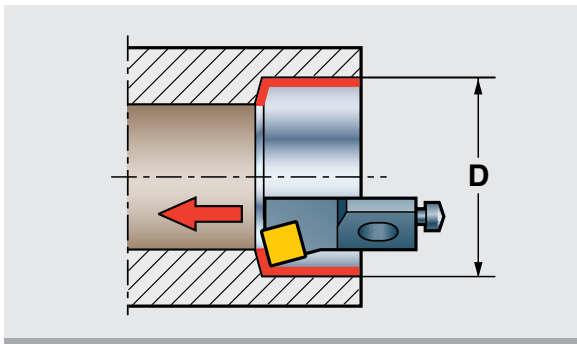
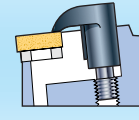
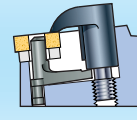
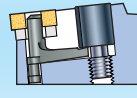
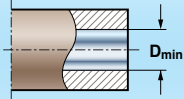
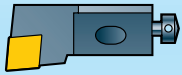
Ta bort låspinnen (LP) och byt spännsats (PS) mot spännsats (MS) enl skiss på sid B16. Reservdelsbe-teckningen på spännsats (MS) erhålles ifrån tabellen på motsvarande hållarstorlek i **M-utförande**.

- I från **M-hållaren**:

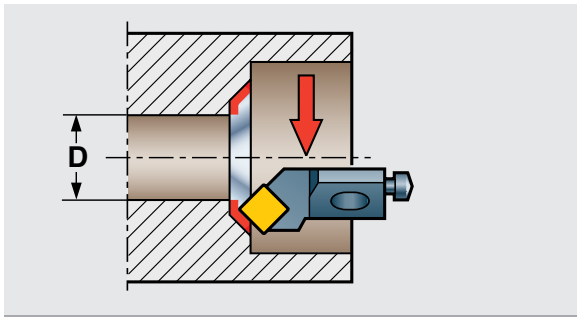
Ta bort låspinnen (LP) enl skiss på sid B16.

**MIRCONA PMC-system är patentrat och patent-sökt i ett flertal länder.**

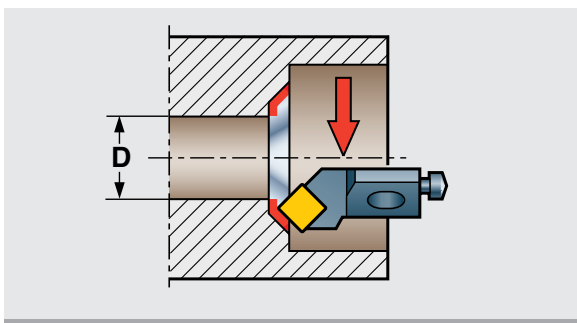




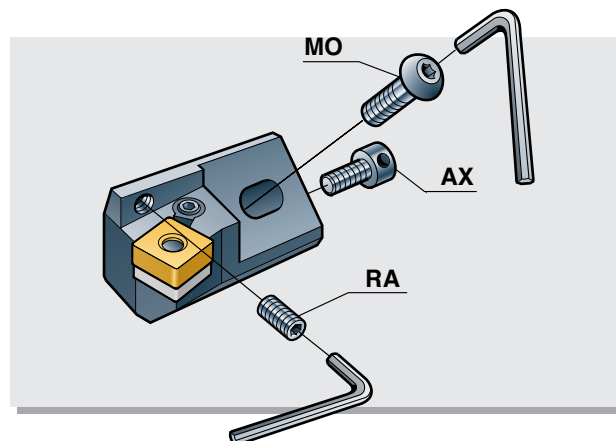
| Size<br>Grösse<br>Storlek | 16 CA     | 20 CA     | 25 CA   |
|---------------------------|-----------|-----------|---------|
| Type                      | P/M/C SKN | P/M/C SKN | P/M/C – |
| Typ                       | SYN       | SYN       | –       |
| Typ                       | TFN       | TFN       | –       |
| Typ                       | TSN       | TSN       | –       |
| Typ                       | TWN       | TWN       | –       |
| Typ                       | CLN       | CLN       | –       |
|                           | –         | –         | DUN     |
|                           | CFN       | –         | –       |
| D-min                     | 60        | 70        | 100     |



| Size<br>Grösse<br>Storlek | 16 CA     | 20 CA     | 25 CA   |
|---------------------------|-----------|-----------|---------|
| Type                      | P/M/C SRN | P/M/C SRN | P/M/C – |
| Typ                       | TGN       | TGN       | –       |
| Typ                       | TSN       | TSN       | –       |
| Typ                       | TTN       | TTN       | –       |
| Typ                       | CLN       | CLN       | –       |
|                           | –         | –         | DJN     |
| D-min                     | 60        | 70        | 100     |



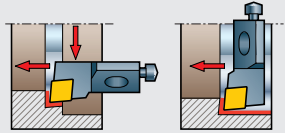
| Size<br>Grösse<br>Storlek | 16 CA     | 20 CA     | 25 CA   |
|---------------------------|-----------|-----------|---------|
| Type                      | P/M/C SRN | P/M/C SRN | P/M/C – |
| Typ                       | TGN       | TGN       | –       |
| Typ                       | TSN       | TSN       | –       |
| Typ                       | TTN       | TTN       | –       |
| Typ                       | CLN       | CLN       | –       |
|                           | –         | –         | DJN     |
| D-min                     | 75        | 90        | 115     |



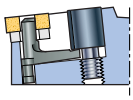
# PCLN R/L MCLN R/L CCLN R/L

Recommendations  
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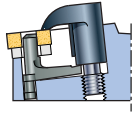
Page: Seite: **B9-B14**  
Sida:



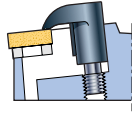
**95°**



**P**

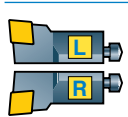
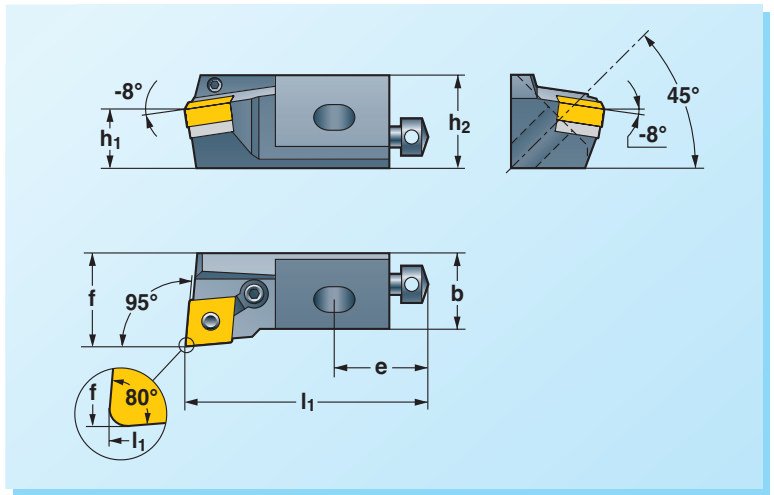


**M**



**C**

The drawing shows right-hand version. Left-hand version reversed.  
Die Zeichnung zeigt Rechtsausführung. Linksausführung umgekehrt.  
Ritningen visar högerutförande. Vänsterutförande spegelvänt.



|  | $h_1$    | $h_2$    | $b$      | $l_1$    | $e$      | $f$      |                  |       |      |     |      |      |     |       |       |       |       |     |         | CNMA *<br>CNMG<br>CNMM |
|--|----------|----------|----------|----------|----------|----------|------------------|-------|------|-----|------|------|-----|-------|-------|-------|-------|-----|---------|------------------------|
| <b>P</b><br>PCLN R/L 16CA-12<br>PCLN R/L 20CA-12 | 16<br>20 | 25<br>30 | 20<br>20 | 63<br>70 | 25<br>30 | 25<br>25 | LP62K-1<br>LP62K | UCN12 | RS62 | D62 | PS62 | -    | NY4 | AX612 | RA508 | NY2,5 | MO830 | NY5 | 1204 .. |                        |
| <b>M</b><br>MCLN R/L 16CA-12<br>MCLN R/L 20CA-12 | 16<br>20 | 25<br>30 | 20<br>20 | 63<br>70 | 25<br>30 | 25<br>25 | LP62K-1<br>LP62K | UCN12 | RS62 | D62 | -    | MS62 | NY4 | AX612 | RA508 | NY2,5 | MO830 | NY5 | 1204 .. |                        |

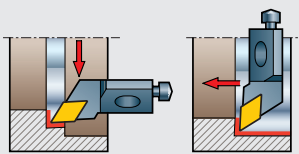
Page: Seite: **B137-B142**  
Sida:

**C** CCLN R/L See page - Siehe Seite - Se sida **B13-B14**

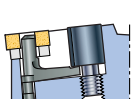
# PDJN R/L MDJN R/L CDJN R/L

Recommendations  
Empfehlungen  
Rekommendationer

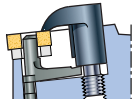
Page: Seite: **B9-B14**  
Sida:



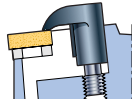
**93°**



**P**

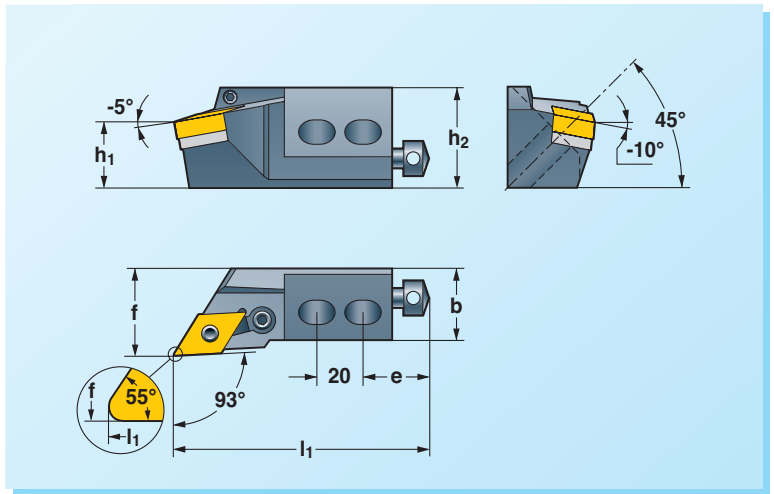


**M**



**C**

The drawing shows right-hand version. Left-hand version reversed.  
Die Zeichnung zeigt Rechtsausführung. Linksausführung umgekehrt.  
Ritningen visar högerutförande. Vänsterutförande spegelvänt.



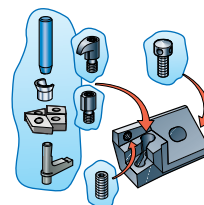
|                               | $h_1$ | $h_2$ | $b$ | $l_1$ | $e$ | $f$ |         |   |      |     |      |      |     |       |       |     |        |     |  | DNMA *<br>DNMG<br>DNMM |
|-------------------------------|-------|-------|-----|-------|-----|-----|---------|---|------|-----|------|------|-----|-------|-------|-----|--------|-----|--|------------------------|
| <b>P</b><br>PDJN R/L 25CA-15T | 25    | 38    | 25  | 100   | 30  | 32  | LP62-1T | UDN15 <sup>1)</sup><br>(UDN154) <sup>2)</sup> | RS62 | D62 | PS62 | -    | NY4 | AX813 | RA608 | NY3 | MO1040 | NY6 | 1506 .. <sup>1)</sup><br>(1504 ..) <sup>2)</sup> |                        |
| <b>M</b><br>MDJN R/L 25CA-15T | 25    | 38    | 25  | 100   | 30  | 32  | LP62-1T | UDN15 <sup>1)</sup><br>(UDN154) <sup>2)</sup> | RS62 | D62 | -    | MS63 | NY4 | AX813 | RA608 | NY3 | MO1040 | NY6 | 1506 .. <sup>1)</sup><br>(1504 ..) <sup>2)</sup> |                        |

Page: Seite: **B137-B142**  
Sida:

**C** CDJN R/L See page - Siehe Seite - Se sida **B13-B14**

\* Selection of cutting geometry page:  
 Wahl der Schneidgeometrie, Seite: **B22-B26**  
 Val av skärgeometri, sid:

Ordering example:  
Bestellbeispiel: **MDJNR 25CA-15T**  
Beställningsexempel:



Spare parts shown in the coloured columns are supplied assembled in each tool.

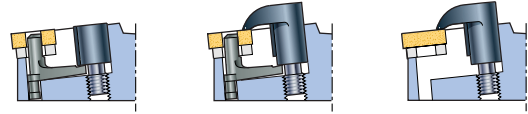
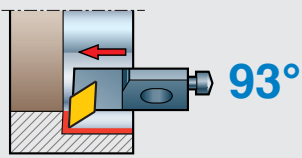
Die in den farbigen Spalten aufgeführten Ersatzteile sind in den Werkzeugen montiert.

Reservdelar i de färgade kolumnerna ingår monterade i varje verktyg.

**PDUN R/L  
MDUN R/L  
CDUN R/L**

Recommendations  
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Sida:

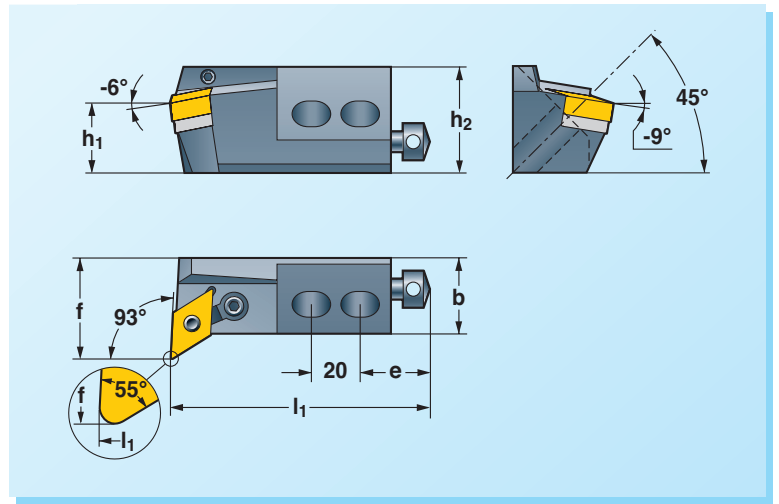


**P**

**M**

**C**

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Die Zeichnung zeigt Rechtsausführung. Linksausführung umgekehrt.  
Ritningen visar högerutförande. Vänsterutförande spegelvänt.

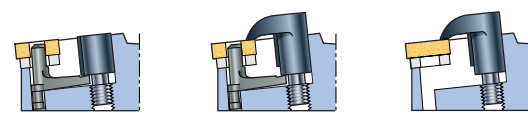
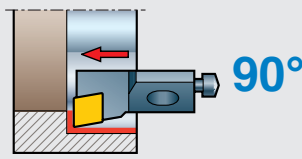


|          |                   |  | $h_1$    | $h_2$ | $b$ | $l_1$         | $e$ | $f$ |           |   |      |                |      |      |     |       |       |     |        | DNMA *<br>DNMG<br>DNMM<br>Page: Seite: <b>B137-B142</b><br>Sida: |  |
|----------|-------------------|--|----------|-------|-----|---------------|-----|-----|-----------|---|------|----------------|------|------|-----|-------|-------|-----|--------|--|--|
| <b>P</b> | PDUN R/L 25CA-15T |  | 25       | 38    | 25  | 100           | 30  | 32  | LP62-1T   | UDN15 <sup>1)</sup><br>(UDN154) <sup>2)</sup> | RS62 | D62            | PS62 | -    | NY4 | AX813 | RA608 | NY3 | MO1040 | NY6  | 1506 . . <sup>1)</sup><br>(1504 . .) <sup>2)</sup> |
| <b>M</b> | MDUN R/L 25CA-15T |  | 25       | 38    | 25  | 100           | 30  | 32  | LP62-1T   | UDN15 <sup>1)</sup><br>(UDN154) <sup>2)</sup> | RS62 | D62            | -    | MS63 | NY4 | AX813 | RA608 | NY3 | MO1040 | NY6  | 1506 . . <sup>1)</sup><br>(1504 . .) <sup>2)</sup> |
| <b>C</b> | CDUN R/L          |  | See page |       |     | - Siehe Seite |     |     | - Se sida |   |      | <b>B13-B14</b> |      |      |     |       |       |     |        |  |  |

**PCFN R/L  
MCFN R/L  
CCFN R/L**

Recommendations  
Empfehlungen  
Rekommendationer

Page: Seite: **B9-B14**  
Sida:

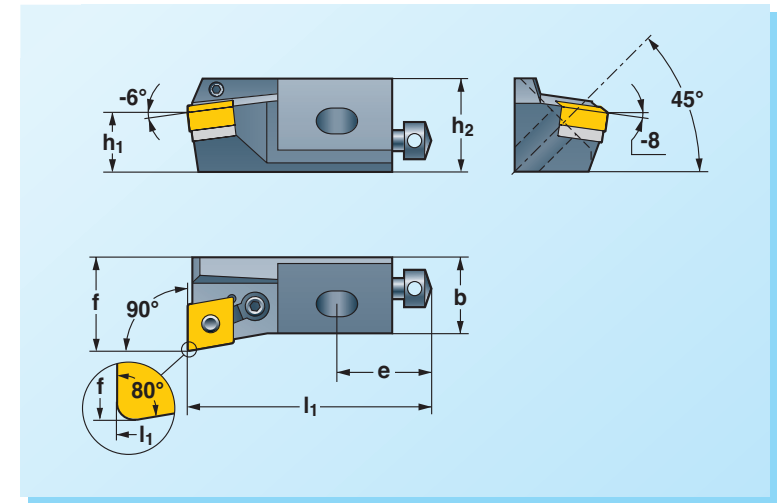


**P**

**M**

**C**

The drawing shows right-hand version. Left-hand version reversed.  
Die Zeichnung zeigt Rechtsausführung. Linksausführung umgekehrt.  
Ritningen visar högerutförande. Vänsterutförande spegelvänt.



|          |                  |  | $h_1$    | $h_2$ | $b$ | $l_1$         | $e$ | $f$ |           |       |      |                |      |      |     |       |       |       |       | CNMA *<br>CNMG<br>CNMM<br>Page: Seite: <b>B137-B142</b><br>Sida: |          |
|----------|------------------|--|----------|-------|-----|---------------|-----|-----|-----------|-------|------|----------------|------|------|-----|-------|-------|-------|-------|--|----------|
| <b>P</b> | PCFN R/L 16CA-12 |  | 16       | 25    | 20  | 63            | 25  | 25  | LP62K     | UCN12 | RS62 | D62            | PS62 | -    | NY4 | AX612 | RA508 | NY2.5 | MO830 | NY5  | 1204 . . |
| <b>M</b> | MCFN R/L 16CA-12 |  | 16       | 25    | 20  | 63            | 25  | 25  | LP62K     | UCN12 | RS62 | D62            | -    | MS63 | NY4 | AX612 | RA508 | NY2.5 | MO830 | NY5  | 1204 . . |
| <b>C</b> | CCFN R/L         |  | See page |       |     | - Siehe Seite |     |     | - Se sida |       |      | <b>B13-B14</b> |      |      |     |       |       |       |       |  |          |

<sup>1)</sup> Standard delivery for inserts with 6,35 mm thickness.  
<sup>2)</sup> Separate delivery for inserts with 4,76 mm thickness.

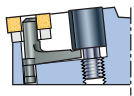
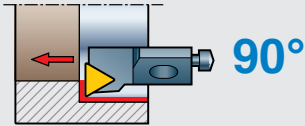
<sup>1)</sup> Standardlieferung für Schneiden mit 6,35 mm Dicke.  
<sup>2)</sup> Lieferung auf besondere Bestellung für Schneiden mit 4,76 mm Dicke.

<sup>1)</sup> Standardleverans för skär med 6,35 mm tjocklek.  
<sup>2)</sup> Separat leverans för skär med 4,76 mm tjocklek.

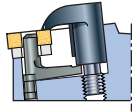
**PTFN R/L  
MTFN R/L  
CTFN R/L**

Recommendations  
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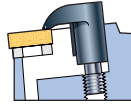
Page: Seite: **B9-B14**  
Sida:



**P**

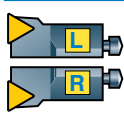
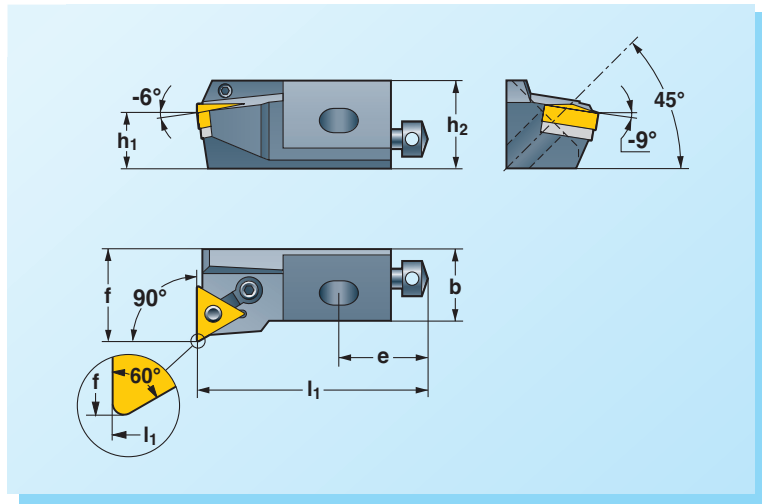


**M**



**C**

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Ritningen visar högerutförande. Vänsterutförande spegelvänt.



|   | $h_1$    | $h_2$    | $b$      | $l_1$    | $e$      | $f$      |      |         |       |     |      |      |     |       |       |       |       |     |         | TNMA * | TNMG | TNMM |
|---|----------|----------|----------|----------|----------|----------|------|---------|-------|-----|------|------|-----|-------|-------|-------|-------|-----|---------|--------|------|------|
| <b>P</b> PTFN R/L 16CA-16<br>PTFN R/L 20CA-16 | 16<br>20 | 25<br>30 | 20<br>20 | 63<br>70 | 25<br>30 | 25<br>25 | LP61 | UTN16-1 | RS61K | D61 | PS61 | -    | NY3 | AX612 | RA508 | NY2.5 | MO830 | NY5 | 1604 .. |        |      |      |
| <b>M</b> MTFN R/L 16CA-16<br>MTFN R/L 20CA-16 | 16<br>20 | 25<br>30 | 20<br>20 | 63<br>70 | 25<br>30 | 25<br>25 | LP61 | UTN16-1 | RS61K | D61 | -    | MS61 | NY3 | AX612 | RA508 | NY2.5 | MO830 | NY5 | 1604 .. |        |      |      |

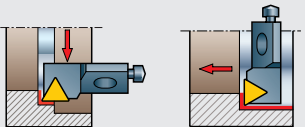
Page: Seite: **B137-B142**  
Sida:

|                   |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                |
|-------------------|----------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------|
| <b>C</b> CTFN R/L | See page - Siehe Seite - Se sida |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>B13-B14</b> |
|-------------------|----------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------|

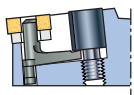
**PTGN R/L  
MTGN R/L  
CTGN R/L**

Recommendations  
Empfehlungen  
Rekomendationer

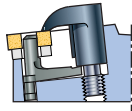
Page: Seite: **B9-B14**  
Sida:



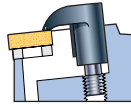
**90°**



**P**

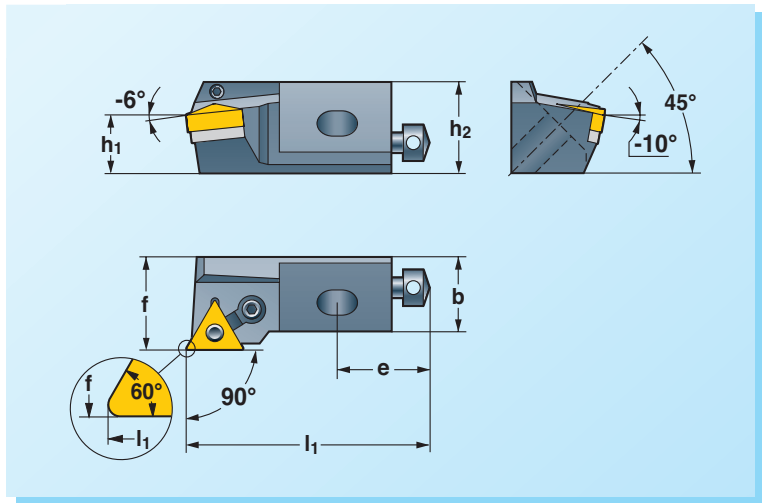


**M**



**C**

The drawing shows right-hand version. Left-hand version reversed.  
Die Zeichnung zeigt Rechtsausführung. Linksausführung umgekehrt.  
Ritningen visar högerutförande. Vänsterutförande spegelvänt.



|   | $h_1$    | $h_2$    | $b$      | $l_1$    | $e$      | $f$      |      |         |       |     |      |      |     |       |       |       |       |     |         | TNMA * | TNMG | TNMM |
|---|----------|----------|----------|----------|----------|----------|------|---------|-------|-----|------|------|-----|-------|-------|-------|-------|-----|---------|--------|------|------|
| <b>P</b> PTGN R/L 16CA-16<br>PTGN R/L 20CA-16 | 16<br>20 | 25<br>30 | 20<br>20 | 63<br>70 | 25<br>30 | 25<br>25 | LP61 | UTN16-1 | RS61K | D61 | PS61 | -    | NY3 | AX612 | RA508 | NY2.5 | MO830 | NY5 | 1604 .. |        |      |      |
| <b>M</b> MTGN R/L 16CA-16<br>MTGN R/L 20CA-16 | 16<br>20 | 25<br>30 | 20<br>20 | 63<br>70 | 25<br>30 | 25<br>25 | LP61 | UTN16-1 | RS61K | D61 | -    | MS61 | NY3 | AX612 | RA508 | NY2.5 | MO830 | NY5 | 1604 .. |        |      |      |

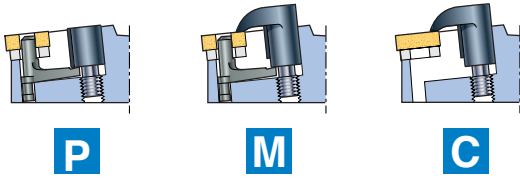
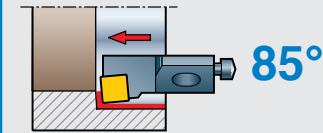
Page: Seite: **B137-B142**  
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|-------------------|----------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------|
| <b>C</b> CTGN R/L | See page - Siehe Seite - Se sida |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>B13-B14</b> |
|-------------------|----------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------|

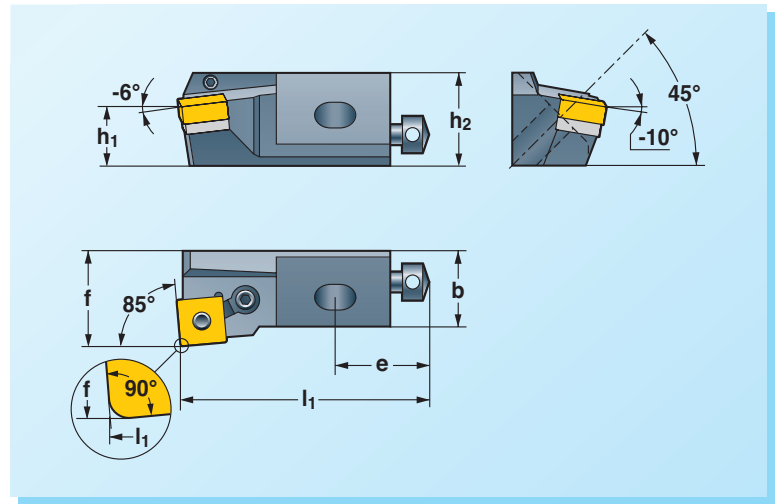
# PSYN R/L MSYN R/L CSYN R/L

Recommendations  
Empfehlungen  
Rekommendationer

Page: Seite: **B9-B14**  
Sida:



The drawing shows right-hand version. Left-hand version reversed.  
Die Zeichnung zeigt Rechtsausführung. Linksausführung umgekehrt.  
Ritningen visar högerutförande. Vänsterutförande spegelvänt.

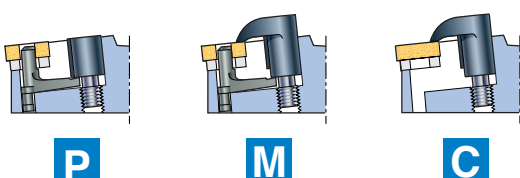
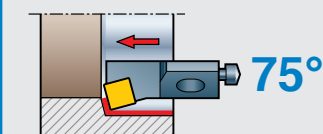


|          | h <sub>1</sub>                       | h <sub>2</sub>                   | b        | l <sub>1</sub> | e        | f        |          |                  |       |      |     |      |      |     |       |       |       | SNMA * |     |         |
|----------|--------------------------------------|----------------------------------|----------|----------------|----------|----------|----------|------------------|-------|------|-----|------|------|-----|-------|-------|-------|--------|-----|---------|
| <b>P</b> | PSYN R/L 16CA-12<br>PSYN R/L 20CA-12 | 16<br>20                         | 25<br>30 | 20<br>20       | 63<br>70 | 25<br>30 | 25<br>25 | LP62K-1<br>LP62K | USN12 | RS62 | D62 | PS62 | -    | NY4 | AX612 | RA508 | NY2.5 | MO830  | NY5 | 1204 .. |
| <b>M</b> | MSYN R/L 16CA-12<br>MSYN R/L 20CA-12 | 16<br>20                         | 25<br>30 | 20<br>20       | 63<br>70 | 25<br>30 | 25<br>25 | LP62K-1<br>LP62K | USN12 | RS62 | D62 | -    | MS62 | NY4 | AX612 | RA508 | NY2.5 | MO830  | NY5 | 1204 .. |
| <b>C</b> | CSYN R/L                             | See page - Siehe Seite - Se sida |          |                |          |          |          | <b>B13-B14</b>   |       |      |     |      |      |     |       |       |       |        |     |         |

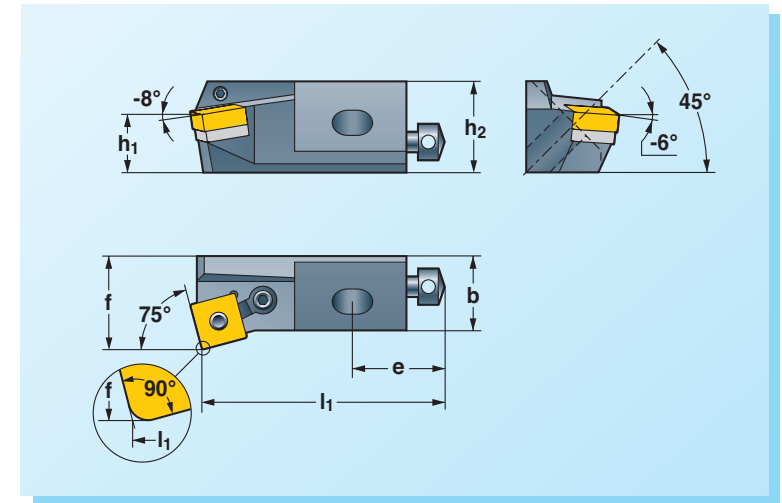
# PSKN R/L MSKN R/L CSKN R/L

Recommendations  
Empfehlungen  
Rekommendationer

Page: Seite: **B9-B14**  
Sida:



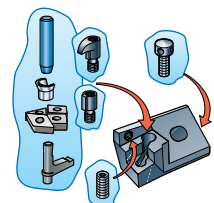
The drawing shows right-hand version. Left-hand version reversed.  
Die Zeichnung zeigt Rechtsausführung. Linksausführung umgekehrt.  
Ritningen visar högerutförande. Vänsterutförande spegelvänt.



|          | h <sub>1</sub>                       | h <sub>2</sub>                   | b        | l <sub>1</sub> | e        | f        |          |                  |       |      |     |      |      |     |       |       |       |       | SNMA * |         |
|----------|--------------------------------------|----------------------------------|----------|----------------|----------|----------|----------|------------------|-------|------|-----|------|------|-----|-------|-------|-------|-------|--------|---------|
| <b>P</b> | PSKN R/L 16CA-12<br>PSKN R/L 20CA-12 | 16<br>20                         | 25<br>30 | 20<br>20       | 63<br>70 | 25<br>30 | 25<br>25 | LP62K-1<br>LP62K | USN12 | RS62 | D62 | PS62 | -    | NY4 | AX612 | RA508 | NY2.5 | MO830 | NY5    | 1204 .. |
| <b>M</b> | MSKN R/L 16CA-12<br>MSKN R/L 20CA-12 | 16<br>20                         | 25<br>30 | 20<br>20       | 63<br>70 | 25<br>30 | 25<br>25 | LP62K-1<br>LP62K | USN12 | RS62 | D62 | -    | MS62 | NY4 | AX612 | RA508 | NY2.5 | MO830 | NY5    | 1204 .. |
| <b>C</b> | CSKN R/L                             | See page - Siehe Seite - Se sida |          |                |          |          |          | <b>B13-B14</b>   |       |      |     |      |      |     |       |       |       |       |        |         |

\* Selection of cutting geometry page:  
Wahl der Schneidgeometrie, Seite: **B22-B26**  
Val av skärgeometri, sid:

Ordering example:  
Bestellbeispiel: **MSKNR 16CA-12**  
Beställningsexempel:

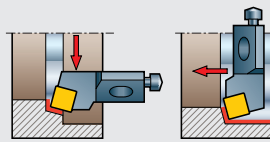


Spare parts shown in the coloured columns are supplied assembled in each tool.  
Die in den farbigen Spalten aufgeführten Ersatzteile sind in den Werkzeugen montiert.  
Reservdelar i de färgade kolumnerna ingår monterade i varje verktyg.

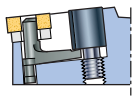
**PSRN R/L  
MSRN R/L  
CSRN R/L**

Recommendations  
Empfehlungen  
Rekommendationer

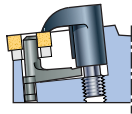
Page: Seite: **B9-B14**  
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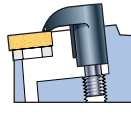
**75°**



**P**

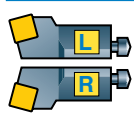
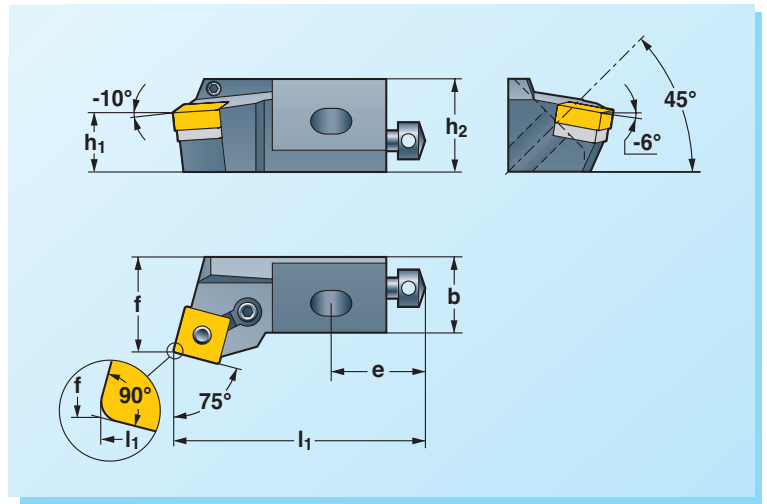


**M**



**C**

The drawing shows right-hand version. Left-hand version reversed.  
Die Zeichnung zeigt Rechtsausführung. Linksausführung umgekehrt.  
Ritningen visar högerutförande. Vänsterutförande spegelvänt.



|  | $h_1$    | $h_2$    | $b$      | $l_1$    | $e$      | $f$      |                  |       |      |     |      |      |     |       |       |       |       |     | SNMA *<br>SNMG<br>SNMM |
|--|----------|----------|----------|----------|----------|----------|------------------|-------|------|-----|------|------|-----|-------|-------|-------|-------|-----|------------------------|
| <b>P</b><br>PSRN R/L 16CA-12<br>PSRN R/L 20CA-12 | 16<br>20 | 25<br>30 | 20<br>20 | 63<br>70 | 25<br>30 | 25<br>25 | LP62K-1<br>LP62K | USN12 | RS62 | D62 | PS62 | -    | NY4 | AX612 | RA508 | NY2.5 | MO830 | NY5 | 1204 ..                |
| <b>M</b><br>MSRN R/L 16CA-12<br>MSRN R/L 20CA-12 | 16<br>20 | 25<br>30 | 20<br>20 | 63<br>70 | 25<br>30 | 25<br>25 | LP62K-1<br>LP62K | USN12 | RS62 | D62 | -    | MS62 | NY4 | AX612 | RA508 | NY2.5 | MO830 | NY5 | 1204 ..                |

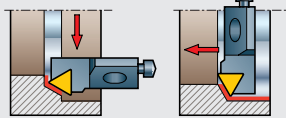
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|                      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| <b>C</b><br>CSRN R/L | See page – Siehe Seite – Se sida <b>B13-B14</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

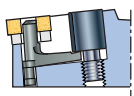
**PTTN R/L  
MTTN R/L  
CTTN R/L**

Recommendations  
Empfehlungen  
Rekommendationer

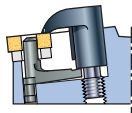
Page: Seite: **B9-B14**  
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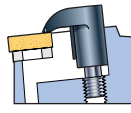
**60°**



**P**

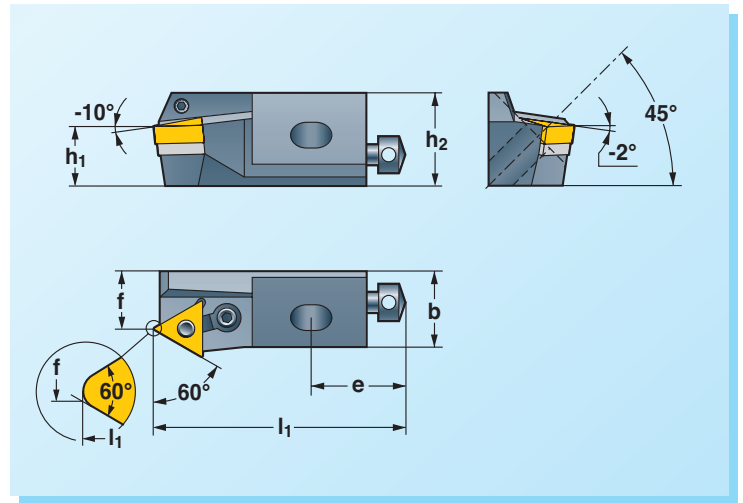


**M**



**C**

The drawing shows right-hand version. Left-hand version reversed.  
Die Zeichnung zeigt Rechtsausführung. Linksausführung umgekehrt.  
Ritningen visar högerutförande. Vänsterutförande spegelvänt.



|  | $h_1$    | $h_2$    | $b$      | $l_1$    | $e$      | $f$      |      |         |       |     |      |      |     |       |       |       |       |     | TNMA *<br>TNMG<br>TNMM |
|--|----------|----------|----------|----------|----------|----------|------|---------|-------|-----|------|------|-----|-------|-------|-------|-------|-----|------------------------|
| <b>P</b><br>PTTN R/L 16CA-16<br>PTTN R/L 20CA-16 | 16<br>20 | 25<br>30 | 20<br>20 | 63<br>70 | 25<br>30 | 15<br>15 | LP61 | UTN16-1 | RS61K | D61 | PS61 | -    | NY3 | AX612 | RA508 | NY2.5 | MO830 | NY5 | 1604 ..                |
| <b>M</b><br>MTTN R/L 16CA-16<br>MTTN R/L 20CA-16 | 16<br>20 | 25<br>30 | 20<br>20 | 63<br>70 | 25<br>30 | 15<br>15 | LP61 | UTN16-1 | RS61K | D61 | -    | MS61 | NY3 | AX612 | RA508 | NY2.5 | MO830 | NY5 | 1604 ..                |

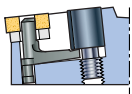
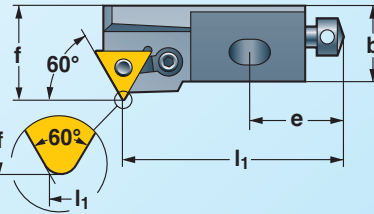
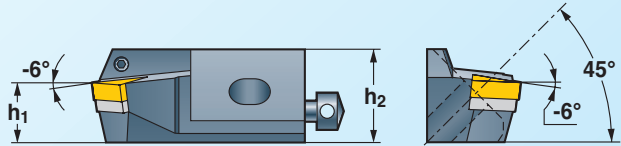
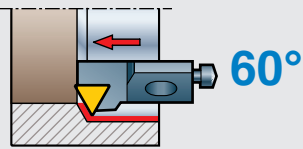
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|----------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| <b>C</b><br>CTTN R/L | See page – Siehe Seite – Se sida <b>B13-B14</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

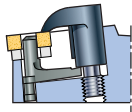
**PTWN R/L  
MTWN R/L  
CTWN R/L**

Recommendations  
Empfehlungen  
Rekommendationer

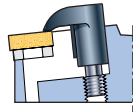
Page: Seite: **B9-B14**  
Sida:



**P**

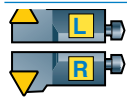


**M**



**C**

The drawing shows right-hand version. Left-hand version reversed.  
Die Zeichnung zeigt Rechtsausführung. Linksausführung umgekehrt.  
Ritningen visar högerutförande. Vänsterutförande spegelvänt.



|  | $h_1$ | $h_2$ | $b$ | $l_1$ | $e$ | $f$ |  |  |  |  |  |  |  |  |  |  |  |  |
|--|-------|-------|-----|-------|-----|-----|--|--|--|--|--|--|--|--|--|--|--|--|
|--|-------|-------|-----|-------|-----|-----|--|--|--|--|--|--|--|--|--|--|--|--|

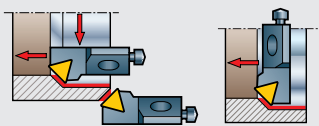
TNMA \*   
TNMG   
TNMM   
Page: Seite: **B137-B142**  
Sida:

|          |                                      |   |          |          |          |          |          |      |         |       |     |      |      |     |       |       |       |       |     |         |
|----------|--------------------------------------|---|----------|----------|----------|----------|----------|------|---------|-------|-----|------|------|-----|-------|-------|-------|-------|-----|---------|
| <b>P</b> | PTWN R/L 16CA-16<br>PTWN R/L 20CA-16 | 16<br>20  | 25<br>30 | 20<br>20 | 53<br>60 | 25<br>30 | 25<br>25 | LP61 | UTN16-1 | RS61K | D61 | PS61 | -    | NY3 | AX612 | RA508 | NY2.5 | MO830 | NY5 | 1604 .. |
| <b>M</b> | MTWN R/L 16CA-16<br>MTWN R/L 20CA-16 | 16<br>20  | 25<br>30 | 20<br>20 | 53<br>60 | 25<br>30 | 25<br>25 | LP61 | UTN16-1 | RS61K | D61 | -    | MS61 | NY3 | AX612 | RA508 | NY2.5 | MO830 | NY5 | 1604 .. |
| <b>C</b> | CTWN R/L                             | See page - Siehe Seite - Se sida <b>B13-B14</b> |          |          |          |          |          |      |         |       |     |      |      |     |       |       |       |       |     |         |

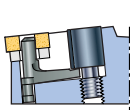
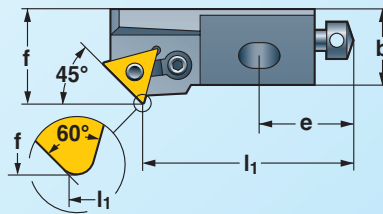
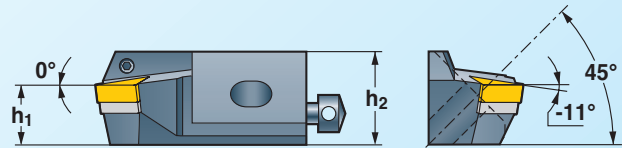
**PTSN R/L  
MTSN R/L  
CTSN R/L**

Recommendations  
Empfehlungen  
Rekommendationer

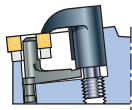
Page: Seite: **B9-B14**  
Sida:



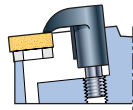
**45°**



**P**

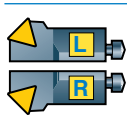


**M**



**C**

The drawing shows right-hand version. Left-hand version reversed.  
Die Zeichnung zeigt Rechtsausführung. Linksausführung umgekehrt.  
Ritningen visar högerutförande. Vänsterutförande spegelvänt.

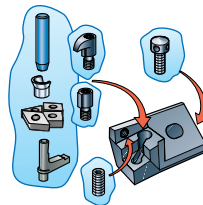


|  | $h_1$ | $h_2$ | $b$ | $l_1$ | $e$ | $f$ |  |  |  |  |  |  |  |  |  |  |  |  |
|--|-------|-------|-----|-------|-----|-----|--|--|--|--|--|--|--|--|--|--|--|--|
|--|-------|-------|-----|-------|-----|-----|--|--|--|--|--|--|--|--|--|--|--|--|

TNMA \*   
TNMG   
TNMM   
Page: Seite: **B137-B142**  
Sida:

|          |                                      |   |          |          |          |          |          |      |         |       |     |      |      |     |       |       |       |       |     |         |
|----------|--------------------------------------|---|----------|----------|----------|----------|----------|------|---------|-------|-----|------|------|-----|-------|-------|-------|-------|-----|---------|
| <b>P</b> | PTSN R/L 16CA-16<br>PTSN R/L 20CA-16 | 16<br>20  | 25<br>30 | 20<br>20 | 53<br>60 | 25<br>30 | 25<br>25 | LP61 | UTN16-1 | RS61K | D61 | PS61 | -    | NY3 | AX612 | RA508 | NY2.5 | MO830 | NY5 | 1604 .. |
| <b>M</b> | MTSN R/L 16CA-16<br>MTSN R/L 20CA-16 | 16<br>20  | 25<br>30 | 20<br>20 | 53<br>60 | 25<br>30 | 25<br>25 | LP61 | UTN16-1 | RS61K | D61 | -    | MS61 | NY3 | AX612 | RA508 | NY2.5 | MO830 | NY5 | 1604 .. |
| <b>C</b> | CTSN R/L                             | See page - Siehe Seite - Se sida <b>B13-B14</b> |          |          |          |          |          |      |         |       |     |      |      |     |       |       |       |       |     |         |

\* Selection of cutting geometry page:  
 Wahl der Schneidgeometrie, Seite: **B22-B26**  
 Val av skärgeometri, sid:



Spare parts shown in the coloured columns are supplied assembled in each tool.

Die in den farbigen Spalten aufgeführten Ersatzteile sind in den Werkzeugen montiert.

Reservdelar i de färgade kolumnerna ingår monterade i varje verktyg.

Ordering example:  
Bestellbeispiel: **PTSNR 16CA-16**  
Beställningsexempel: