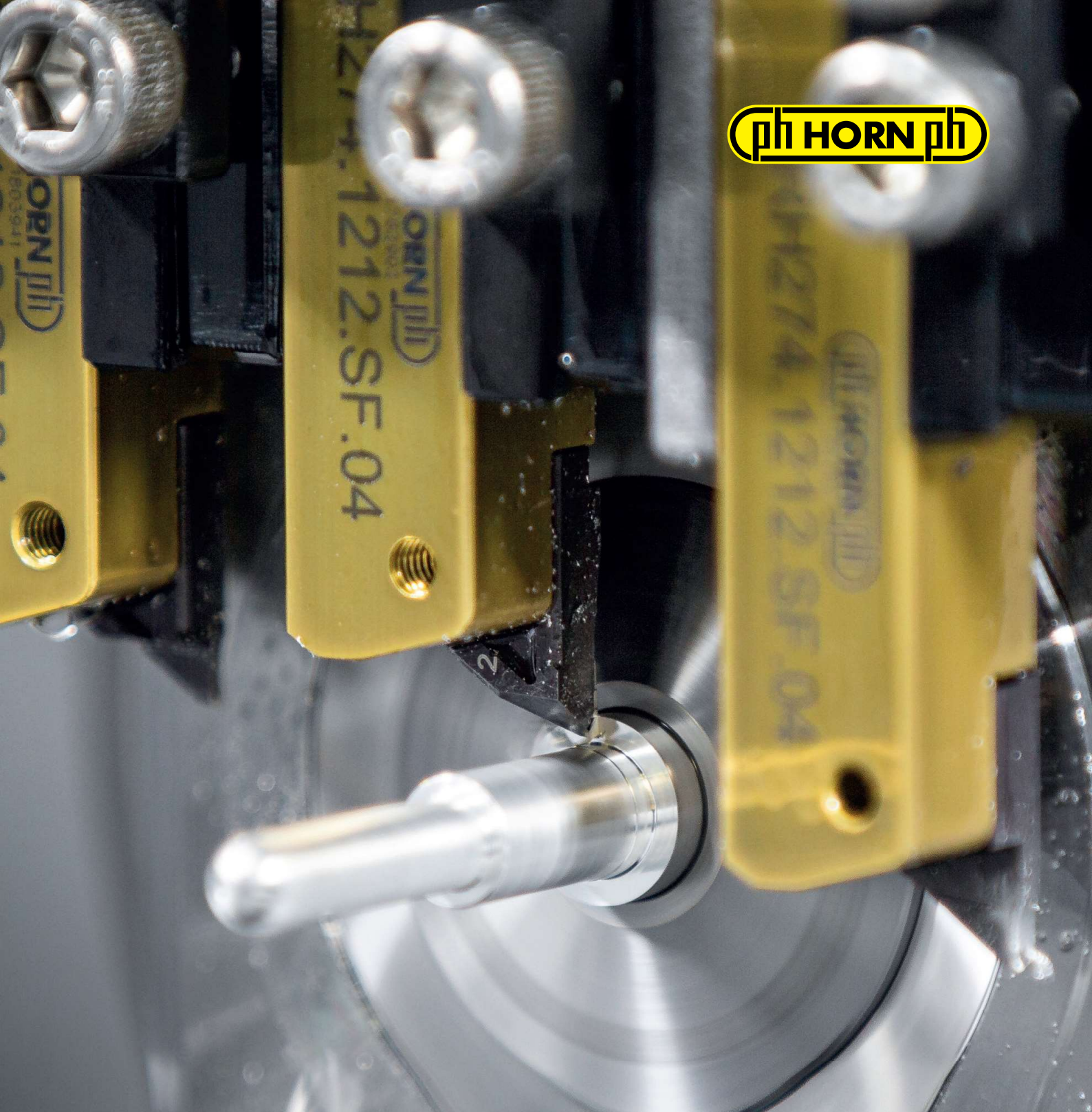




## **LANGDREHTECHNIK**

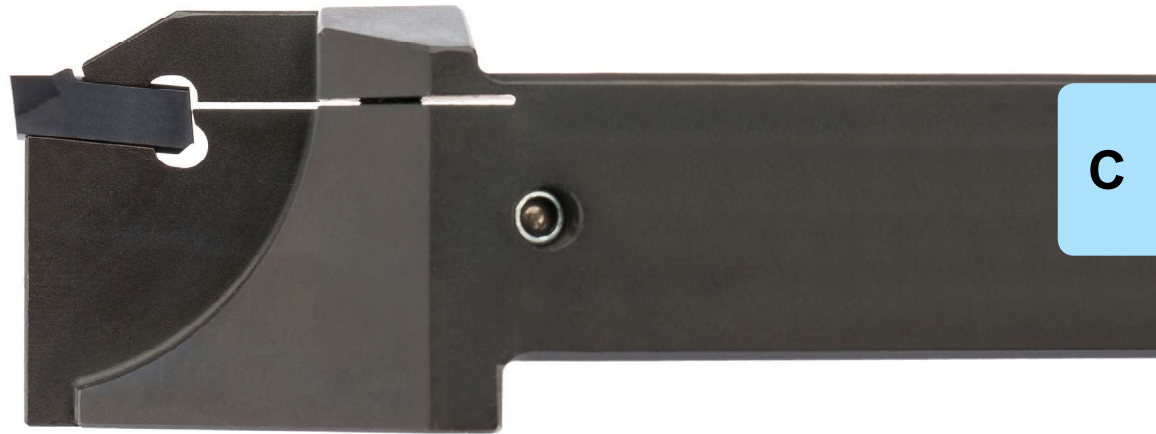
TECHNOLOGY FOR SWISS  
TYPE MACHINES

**2020/2021**



**DAS WERKZEUG  
HORN TOOLS**

**100/101**



**Schneidenträger mit  
Schneidplatten**

Stechbreite 1,2 - 3 mm

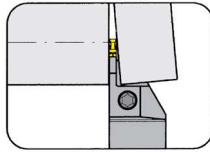
Stechtiefe bis 21,5 mm

**Cutter body  
with Inserts**

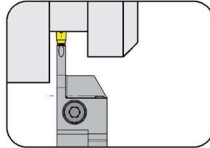
Width of groove 1,2 - 3 mm

Depth of groove up to 21,5 mm

Klemmhalter  
Toolholder  
H100



Seite/Page  
C3-C8



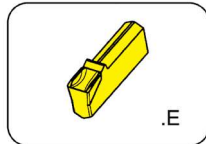
Seite/Page  
C9

Klemmhalter Graf  
Toolholder Graf  
910

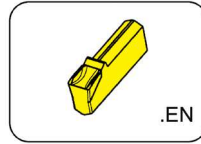


Seite/Page  
C10-C11

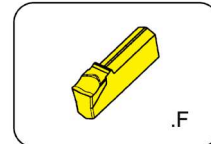
Schneidplatte  
Insert  
S100



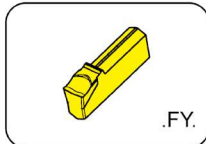
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C12



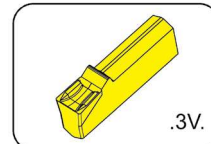
Seite/Page  
C13



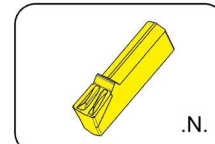
Seite/Page  
C14



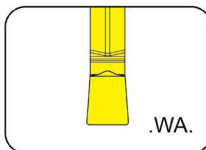
Seite/Page  
C15



Seite/Page  
C16

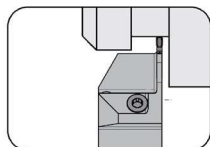


Seite/Page  
C17



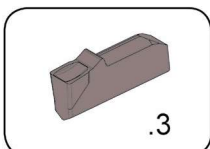
Seite/Page  
C18

Klemmhalter  
Toolholder  
H101



Seite/Page  
C19

Schneidplatte  
Insert  
S101



Seite/Page  
C20

# Einstecken und Abstechen

Grooving and Parting Off



## Klemmhalter

Toolholder

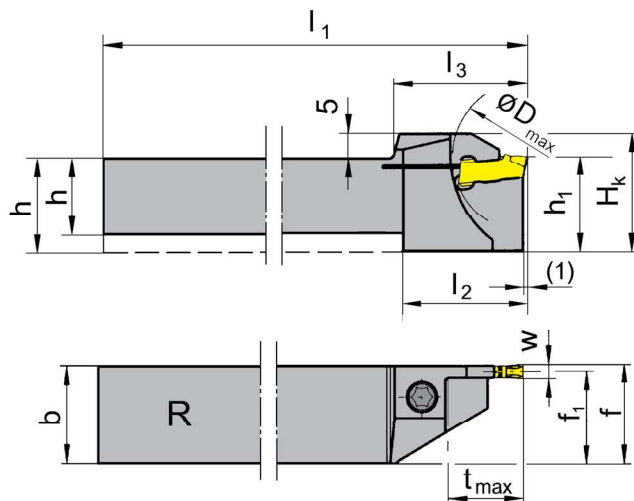
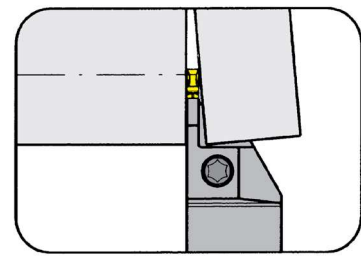
## H100

mit Schraubklemmung  
with screwed clamping

Stechtiefe bis  
Stechbreite

Depth of groove up to  
Width of groove

21 mm  
2 mm



R = rechts wie gezeichnet  
R = right hand version shown

L = links spiegelbildlich  
L = left hand version

für Schneidplatte  
for Insert

Typ S100  
Type

C

| Bestellnummer<br>Part number | h  | b  | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | h <sub>1</sub> | f <sub>1</sub> | f                   | t <sub>max</sub> | D <sub>max</sub> | H <sub>K</sub> | Größe<br>Size |
|------------------------------|----|----|----------------|----------------|----------------|----------------|----------------|---------------------|------------------|------------------|----------------|---------------|
| R/LH100.1010.01              | 10 | 10 | 125            | 19             | 21,0           | 13             | 9,25           | f <sub>1</sub> +w/2 | 10,5             | 21               | 18             | 01            |
| R/LH100.1010.11              | 10 | 10 | 125            | 21             | 23,0           | 16             | 9,25           | f <sub>1</sub> +w/2 | 13,0             | 42               | 21             | 01            |
| R/LH100.1212.01              | 12 | 12 | 125            | 21             | 23,0           | 16             | 11,25          | f <sub>1</sub> +w/2 | 13,0             | 26               | 21             | 01            |
| R/LH100.1212.11              | 12 | 12 | 125            | 21             | 26,0           | 16             | 11,25          | f <sub>1</sub> +w/2 | 16,0             | 42               | 21             | 01            |
| R/LH100.1616.11              | 16 | 16 | 125            | 24             | 26,0           | 20             | 15,25          | f <sub>1</sub> +w/2 | 16,0             | 42               | 25             | 01            |
| R/LH100.1616.21              | 16 | 16 | 125            | 30             | 33,5           | 20             | 15,25          | f <sub>1</sub> +w/2 | 21,0             | 42               | 25             | 01            |

Ausführung R oder L angeben  
State R or L version

w siehe Schneidplatten  
w see inserts

Abmessungen in mm  
Dimensions in mm

Weitere Abmessungen auf Anfrage  
Further sizes upon request

Das Anzugsdrehmoment der Schrauben finden Sie in den Technischen Hinweisen.  
For torque specification of the screw, please see Technical Instructions.

## Ersatzteile

Spare Parts

| Klemmhalter<br>Toolholder | Spannschraube<br>Clamping Screw | TORX PLUS®-Schlüssel<br>TORX PLUS® Wrench |
|---------------------------|---------------------------------|-------------------------------------------|
| R/LH100...                | 4.15T15P                        | T15PQ                                     |

# Einstecken und Abstechen

## Grooving and Parting Off



### Klemmhalter

Toolholder

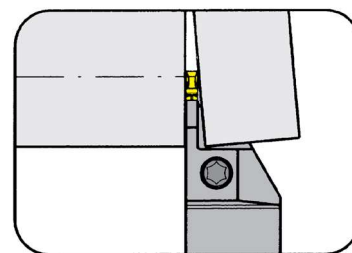
### H100

mit Schraubklemmung  
with screwed clamping

Stechtiefe bis  
Stechbreite

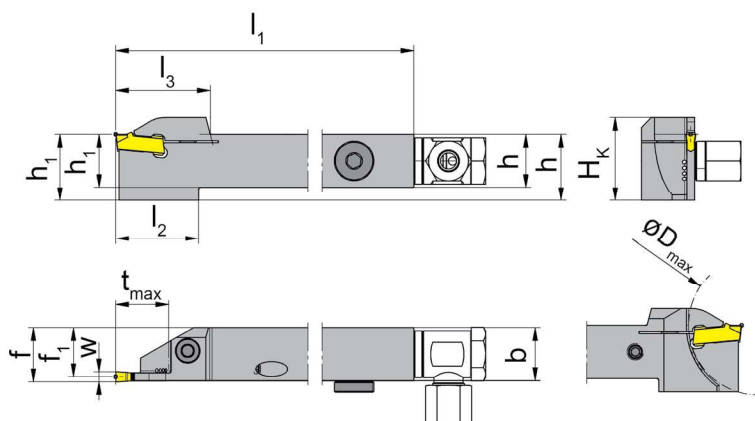
Depth of groove up to  
Width of groove

21 mm  
2 mm



für Schneidplatte  
for Insert

Typ S100  
Type



R = rechts wie gezeichnet  
R = right hand version shown

L = links spiegelbildlich  
L = left hand version

mit innerer  
Kühlmittelzufuhr  
with through coolant supply

| Bestellnummer<br>Part number | h  | b  | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | h <sub>1</sub> | f <sub>1</sub> | f                   | t <sub>max</sub> | D <sub>max</sub> | H <sub>k</sub> | Größe<br>Size |
|------------------------------|----|----|----------------|----------------|----------------|----------------|----------------|---------------------|------------------|------------------|----------------|---------------|
| R/LH100.1212.01.IK           | 12 | 12 | 125            | 21             | 23,0           | 12             | 11,25          | f <sub>1</sub> +w/2 | 13               | 26               | 21             | 01            |
| R/LH100.1212.11.IK           | 12 | 12 | 125            | 21             | 26,0           | 12             | 11,25          | f <sub>1</sub> +w/2 | 16               | 42               | 21             | 01            |
| R/LH100.1616.11.IK           | 16 | 16 | 125            | 24             | 26,0           | 16             | 15,25          | f <sub>1</sub> +w/2 | 16               | 42               | 25             | 01            |
| R/LH100.1616.21.IK           | 16 | 16 | 125            | 30             | 33,5           | 16             | 15,25          | f <sub>1</sub> +w/2 | 21               | 42               | 25             | 01            |

Ausführung R oder L angeben  
State R or L version

w siehe Schneidplatten  
w see inserts

Abmessungen in mm  
Dimensions in mm

Weitere Abmessungen auf Anfrage  
Further sizes upon request

Das Anzugsdrehmoment der Schrauben finden Sie in den Technischen Hinweisen.  
For torque specification of the screw, please see Technical Instructions.

### Ersatzteile

Spare Parts

| Klemmhalter<br>Toolholder | Spannschraube<br>Clamping Screw | Kühlmittelanschluss<br>Coolant supply | TORX PLUS®-Schlüssel<br>TORX PLUS® Wrench | Dichtstopfen<br>Sealing plug | Gewindestift<br>Threaded Pin |
|---------------------------|---------------------------------|---------------------------------------|-------------------------------------------|------------------------------|------------------------------|
| R/LH100.1212...           | 4.15T15P                        | 004.00.61                             | T15PQ                                     |                              |                              |
| R/LH100...                | 4.15T15P                        | 004.00.16                             | T15PQ                                     | 004.00.26                    | 18.05.913                    |

# Einstecken und Abstechen

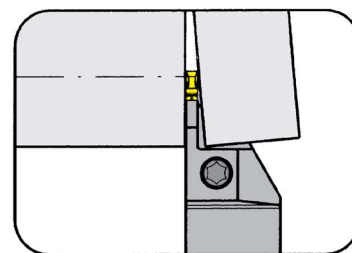
## Grooving and Parting Off



### Klemmhalter

Toolholder

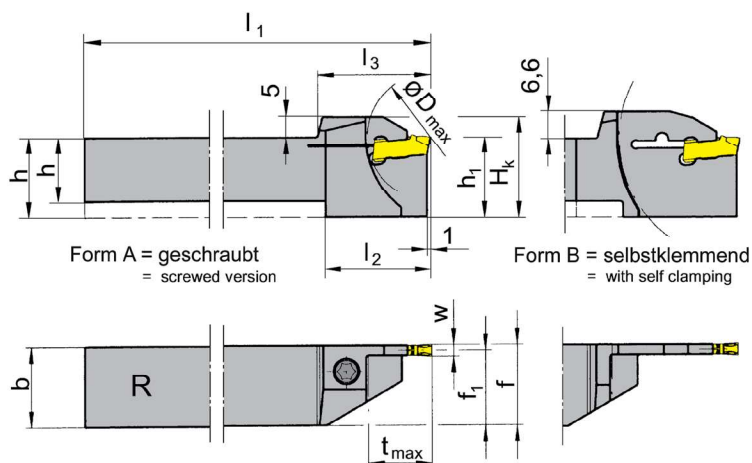
## H100



Stechtiefe bis  
Stechbreite

Depth of groove up to  
Width of groove

21 mm  
2,5 mm



für Schneidplatte  
for Insert

Typ S100  
Type

C

R = rechts wie gezeichnet  
R = right hand version shown

L = links spiegelbildlich  
L = left hand version

| Bestellnummer<br>Part number | h  | b  | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | h <sub>1</sub> | f <sub>1</sub> | f                   | t <sub>max</sub> | D <sub>max</sub> | H <sub>K</sub> | Form<br>Form | Größe<br>Size |
|------------------------------|----|----|----------------|----------------|----------------|----------------|----------------|---------------------|------------------|------------------|----------------|--------------|---------------|
| R/LH100.1212.02              | 12 | 12 | 125            | 21             | 23,0           | 16             | 11,05          | f <sub>1</sub> +w/2 | 13,0             | 25               | 21             | A            | 02            |
| R/LH100.1212.12              | 12 | 12 | 125            | 24             | 26,0           | 16             | 11,05          | f <sub>1</sub> +w/2 | 16,0             | 42               | 25             | A            | 02            |
| R/LH100.1616.02              | 16 | 16 | 125            | 19             | 21,0           | 20             | 15,05          | f <sub>1</sub> +w/2 | 10,5             | 42               | 25             | A            | 02            |
| R/LH100.1616.12              | 16 | 16 | 125            | 24             | 26,0           | 20             | 15,05          | f <sub>1</sub> +w/2 | 16,0             | 42               | 25             | A            | 02            |
| R/LH100.1616.22              | 16 | 16 | 125            | 30             | 33,5           | 20             | 15,05          | f <sub>1</sub> +w/2 | 21,0             | 42               | 25             | A            | 02            |

Ausführung R oder L angeben  
State R or L version

w siehe Schneidplatten  
w see inserts

Abmessungen in mm  
Dimensions in mm

Weitere Abmessungen auf Anfrage  
Further sizes upon request

Das Anzugsdrehmoment der Schrauben finden Sie in den Technischen Hinweisen.  
For torque specification of the screw, please see Technical Instructions.

### Ersatzteile

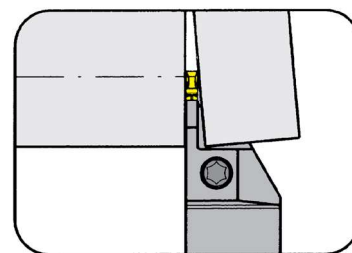
Spare Parts

| Klemmhalter<br>Toolholder | Spannschraube<br>Clamping Screw | TORX PLUS®-Schlüssel<br>TORX PLUS® Wrench |
|---------------------------|---------------------------------|-------------------------------------------|
| R/LH100...                | 4.15T15P                        | T15PQ                                     |

### Klemmhalter

Toolholder

## H100



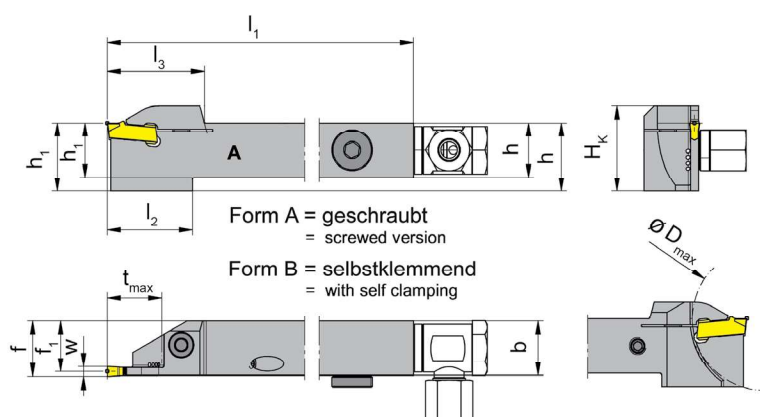
Stechtiefe bis  
Stechbreite

Depth of groove up to  
Width of groove

21 mm  
2,5 mm

für Schneidplatte  
for Insert

Typ S100  
Type



R = rechts wie gezeichnet  
R = right hand version shown

L = links spiegelbildlich  
L = left hand version

mit innerer  
Kühlmittelzufuhr  
with through coolant supply

| Bestellnummer<br>Part number | h  | b  | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | h <sub>1</sub> | f <sub>1</sub> | f                   | t <sub>max</sub> | D <sub>max</sub> | H <sub>k</sub> | Form<br>Form | Größe<br>Size |
|------------------------------|----|----|----------------|----------------|----------------|----------------|----------------|---------------------|------------------|------------------|----------------|--------------|---------------|
| R/LH100.1212.02.IK           | 12 | 12 | 125            | 21             | 23,0           | 16             | 11,05          | f <sub>1</sub> +w/2 | 13,0             | 25               | 21             | A            | 02            |
| R/LH100.1212.12.IK           | 12 | 12 | 125            | 24             | 26,0           | 16             | 11,05          | f <sub>1</sub> +w/2 | 16,0             | 42               | 25             | A            | 02            |
| R/LH100.1616.02.IK           | 16 | 16 | 125            | 19             | 21,0           | 20             | 15,05          | f <sub>1</sub> +w/2 | 10,5             | 42               | 25             | A            | 02            |
| R/LH100.1616.12.IK           | 16 | 16 | 125            | 24             | 28,5           | 20             | 15,05          | f <sub>1</sub> +w/2 | 16,0             | 42               | 25             | A            | 02            |
| R/LH100.1616.22.IK           | 16 | 16 | 125            | 30             | 33,5           | 20             | 15,05          | f <sub>1</sub> +w/2 | 21,0             | 42               | 25             | A            | 02            |

Ausführung R oder L angeben  
State R or L version

w siehe Schneidplatten  
w see inserts

Abmessungen in mm  
Dimensions in mm

Weitere Abmessungen auf Anfrage  
Further sizes upon request

Das Anzugsdrehmoment der Schrauben finden Sie in den Technischen Hinweisen.  
For torque specification of the screw, please see Technical Instructions.

### Ersatzteile

Spare Parts

| Klemmhalter<br>Toolholder | Spannschraube<br>Clamping Screw | Kühlmittelanschluss<br>Coolant supply | TORX PLUS®-Schlüssel<br>TORX PLUS® Wrench | Dichtstopfen<br>Sealing plug | Gewindestift<br>Threaded Pin |
|---------------------------|---------------------------------|---------------------------------------|-------------------------------------------|------------------------------|------------------------------|
| R/LLH100.1212...          | 4.15T15P                        | 004.00.61                             | T15PQ                                     | 004.00.26                    | 18.05.913                    |
| R/LH100...                | 4.15T15P                        | 004.00.16                             | T15PQ                                     | 004.00.26                    | 18.05.913                    |

# Einstecken und Abstechen

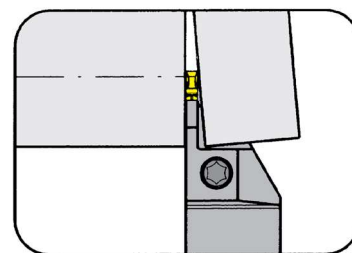
## Grooving and Parting Off



### Klemmhalter

Toolholder

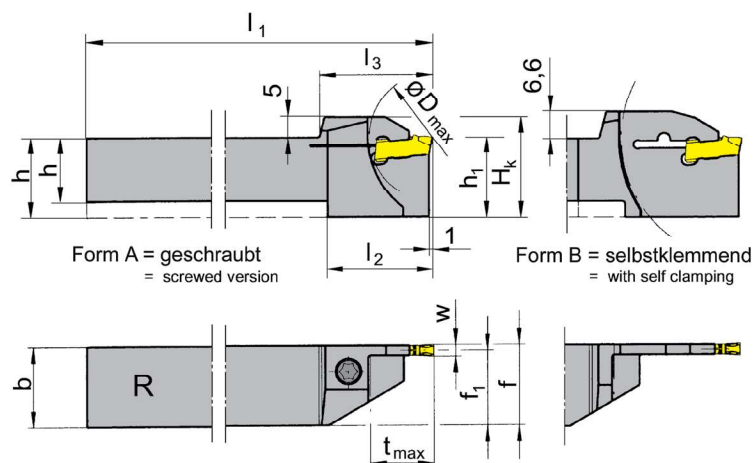
## H100



Stechtiefe bis  
Stechbreite

Depth of groove up to  
Width of groove

21 mm  
3 mm



Form A = geschraubt  
= screwed version

Form B = selbstklemmend  
= with self clamping

für Schneidplatte  
for Insert

Typ S100  
Type

C

R = rechts wie gezeichnet  
R = right hand version shown

L = links spiegelbildlich  
L = left hand version

| Bestellnummer<br>Part number | h  | b  | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | h <sub>1</sub> | f <sub>1</sub> | f                   | t <sub>max</sub> | D <sub>max</sub> | H <sub>k</sub> | Form<br>Form | Größe<br>Size |
|------------------------------|----|----|----------------|----------------|----------------|----------------|----------------|---------------------|------------------|------------------|----------------|--------------|---------------|
| R/LH100.1212.03              | 12 | 12 | 125            | 21,0           | 23,0           | 16             | 10,85          | f <sub>1</sub> +w/2 | 13,0             | 26               | 25             | A            | 03            |
| R/LH100.1616.03              | 16 | 16 | 125            | 19,5           | 23,0           | 20             | 14,85          | f <sub>1</sub> +w/2 | 10,5             | 42               | 25             | A            | 03            |
| R/LH100.1616.13              | 16 | 16 | 125            | 25,0           | 28,5           | 20             | 14,85          | f <sub>1</sub> +w/2 | 16,0             | 42               | 25             | A            | 03            |
| R/LH100.1616.23              | 16 | 16 | 125            | 30,0           | 33,5           | 20             | 14,85          | f <sub>1</sub> +w/2 | 21,0             | 42               | 25             | A            | 03            |

Ausführung R oder L angeben  
State R or L version

w siehe Schneidplatten  
w see inserts

Abmessungen in mm  
Dimensions in mm

Weitere Abmessungen auf Anfrage  
Further sizes upon request

Das Anzugsdrehmoment der Schrauben finden Sie in den Technischen Hinweisen.  
For torque specification of the screw, please see Technical Instructions.

### Ersatzteile

Spare Parts

| Klemmhalter<br>Toolholder | Spannschraube<br>Clamping Screw | TORX PLUS®-Schlüssel<br>TORX PLUS® Wrench |
|---------------------------|---------------------------------|-------------------------------------------|
| R/LH100...                | 5.17T20P                        | T20PQ                                     |

# Einstecken und Abstechen

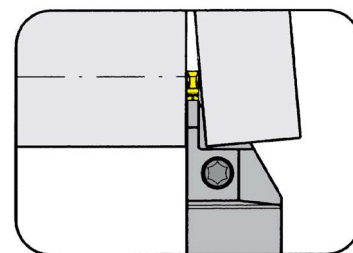
## Grooving and Parting Off



### Klemmhalter

#### Toolholder

## H100



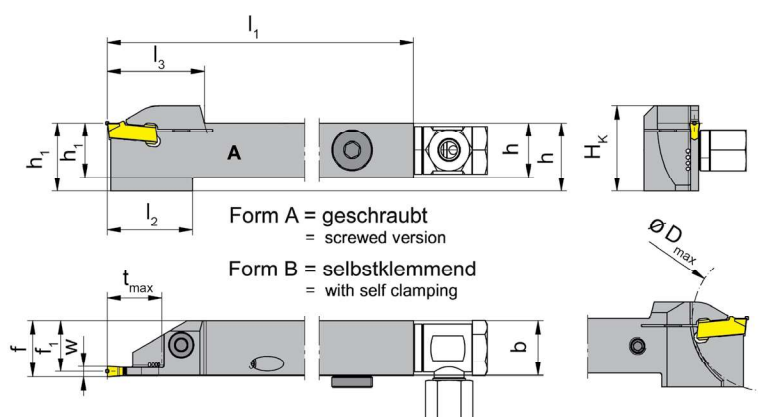
Stechtiefe bis  
Stechbreite

Depth of groove up to  
Width of groove

21 mm  
3 mm

für Schneidplatte  
for Insert

Typ S100  
Type



R = rechts wie gezeichnet  
R = right hand version shown

L = links spiegelbildlich  
L = left hand version

mit innerer  
Kühlmittelzufuhr  
with through coolant supply

| Bestellnummer<br>Part number | h  | b  | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | h <sub>1</sub> | f <sub>1</sub> | f                   | t <sub>max</sub> | D <sub>max</sub> | H <sub>k</sub> | Form<br>Form | Größe<br>Size |
|------------------------------|----|----|----------------|----------------|----------------|----------------|----------------|---------------------|------------------|------------------|----------------|--------------|---------------|
| R/LH100.1212.03.IK           | 12 | 12 | 125            | 21,0           | 23,0           | 16             | 10,85          | f <sub>1</sub> +w/2 | 13,0             | 26               | 25             | A            | 03            |
| R/LH100.1616.03.IK           | 16 | 16 | 125            | 19,5           | 23,0           | 20             | 14,85          | f <sub>1</sub> +w/2 | 10,5             | 42               | 25             | A            | 03            |
| R/LH100.1616.13.IK           | 16 | 16 | 125            | 25,0           | 28,5           | 20             | 14,85          | f <sub>1</sub> +w/2 | 16,0             | 42               | 25             | A            | 03            |
| R/LH100.1616.23.IK           | 16 | 16 | 125            | 30,0           | 33,5           | 20             | 14,85          | f <sub>1</sub> +w/2 | 21,0             | 42               | 25             | A            | 03            |

Ausführung R oder L angeben  
State R or L version

w siehe Schneidplatten  
w see inserts

Abmessungen in mm  
Dimensions in mm

Weitere Abmessungen auf Anfrage  
Further sizes upon request

Das Anzugsdrehmoment der Schrauben finden Sie in den Technischen Hinweisen.  
For torque specification of the screw, please see Technical Instructions.

### Ersatzteile

#### Spare Parts

| Klemmhalter<br>Toolholder | Spannschraube<br>Clamping Screw | Kühlmittel-<br>anschluss<br>Coolant supply | TORX PLUS®-<br>Schlüssel<br>TORX PLUS® Wrench | Dichtstopfen<br>Sealing plug | Gewindestift<br>Threaded Pin | Verschluss-<br>schraube<br>Screw Plug |
|---------------------------|---------------------------------|--------------------------------------------|-----------------------------------------------|------------------------------|------------------------------|---------------------------------------|
| R/LH100.1212.03.IK        | 5.17T20P                        | 004.00.61                                  | T20PQ                                         |                              |                              |                                       |
| R/LH100...                | 5.17T20P                        | 004.00.16                                  | T20PQ                                         | 004.00.26                    | 18.05.913                    |                                       |
| R/LH100.1616.23.IK        | 4.15T15P                        | 004.00.16                                  | T20PQ                                         | 004.00.26                    | 18.05.913                    | 18.908                                |

# Einstecken und Abstechen

## Grooving and Parting Off

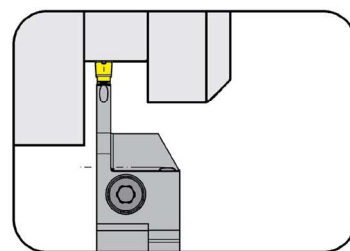


### Klemmhalter

Toolholder

### H100

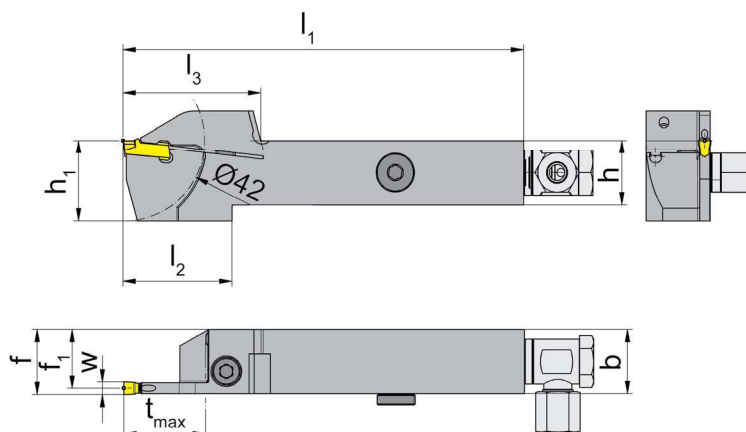
mit Schraubklemmung  
with screwed clamping



Stechtiefe bis  
Stechbreite

Depth of groove up to  
Width of groove

21,5 mm  
3 mm



für Schneidplatte  
for Insert

Typ S100  
Type

C

R = rechts wie gezeichnet  
R = right hand version shown

L = links spiegelbildlich  
L = left hand version

mit innerer  
Kühlmittelzufuhr  
with through coolant supply

| Bestellnummer<br>Part number | h  | b  | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | h <sub>1</sub> | f <sub>1</sub> | f                   | t <sub>max</sub> | Größe<br>Size |
|------------------------------|----|----|----------------|----------------|----------------|----------------|----------------|---------------------|------------------|---------------|
| <b>R/LH100.1616.0.23.IK</b>  | 16 | 16 | 125            | 35             | 39             | 25             | 14,65          | f <sub>1</sub> +w/2 | 21,5             | 03            |

Ausführung R oder L angeben  
State R or L version

w siehe Schneidplatten  
w see inserts

Abmessungen in mm  
Dimensions in mm

Weitere Abmessungen auf Anfrage  
Further sizes upon request

Das Anzugsdrehmoment der Schrauben finden Sie in den Technischen Hinweisen.  
For torque specification of the screw, please see Technical Instructions.

### Ersatzteile

Spare Parts

| Klemmhalter<br>Toolholder | Dichtstopfen<br>Sealing plug | Gewindestift<br>Threaded Pin | Kühlmittelanschluss<br>Coolant supply | Spannschraube<br>Clamping Screw | TORX PLUS®-Schlüssel<br>TORX PLUS® Wrench |
|---------------------------|------------------------------|------------------------------|---------------------------------------|---------------------------------|-------------------------------------------|
| R/LH100.1616.0.23.IK      | <b>004.00.26</b>             | <b>18.05.913</b>             | <b>004.00.16</b>                      | <b>6.23T25P</b>                 | <b>T25PQ</b>                              |

### Klemmhalter

Toolholder

# 910

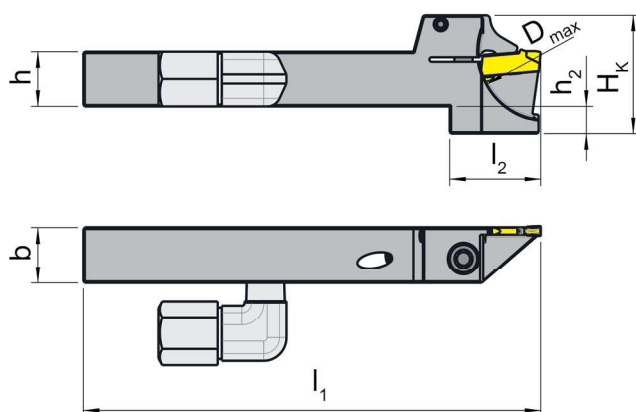
mit Schraubklemmung  
with screwed clamping

**GRAF**  
WERKZEUGSYSTEME

Stechbreite

Width of groove

2-2,2 mm



für Schneidplatte  
for Insert

Typ S100  
Type

mit innerer  
Kühlmittelzufuhr  
with through coolant supply

R = rechts wie gezeichnet  
R = right hand version shown

L = links spiegelbildlich  
L = left hand version

| Bestellnummer<br>Part number | h  | b  | l <sub>1</sub> | l <sub>2</sub> | H <sub>k</sub> | h <sub>2</sub> | D <sub>max</sub> | Größe<br>Size |
|------------------------------|----|----|----------------|----------------|----------------|----------------|------------------|---------------|
| 910.L.1012.01.2IK            | 10 | 12 | 100            | 20             | 24             | 6              | 20               | 01            |
| 910.R.1012.01.2IK            | 10 | 12 | 100            | 20             | 24             | 6              | 20               | 01            |
| 910.L.1212.01.2IK            | 12 | 12 | 100            | 20             | 26             | 6              | 26               | 01            |
| 910.R.1212.01.2IK            | 12 | 12 | 100            | 20             | 26             | 6              | 26               | 01            |
| 910.L.1616.01.2IK            | 16 | 16 | 100            | 25             | 34             | 10             | 42               | 01            |
| 910.R.1616.01.2IK            | 16 | 16 | 100            | 25             | 34             | 10             | 42               | 01            |

Abmessungen in mm  
Dimensions in mm

Weitere Abmessungen auf Anfrage  
Further sizes upon request

### Ersatzteile

Spare Parts

| Klemmhalter<br>Toolholder | Kühlmittelanschluss<br>Coolant supply |
|---------------------------|---------------------------------------|
| 910...                    | 004.00.22                             |

### Klemmhalter

Toolholder

# 910

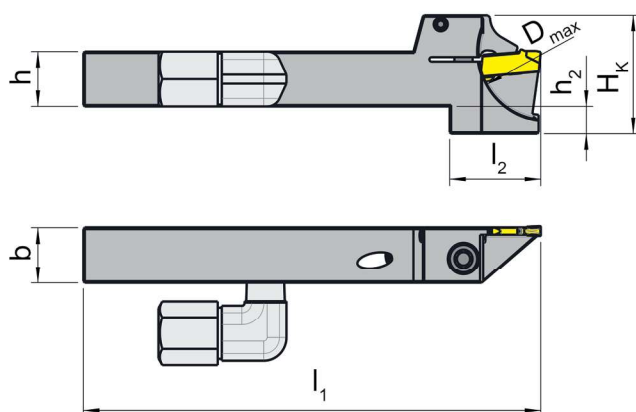
mit Schraubklemmung  
with screwed clamping

**GRAF**  
WERKZEUGSYSTEME

Stechbreite

Width of groove

2,5-3 mm



für Schneidplatte  
for Insert

Typ S100  
Type

C

R = rechts wie gezeichnet  
R = right hand version shown

L = links spiegelbildlich  
L = left hand version

mit innerer  
Kühlmittelzufuhr  
with through coolant supply

| Bestellnummer<br>Part number | h  | b  | $l_1$ | $l_2$ | $H_k$ | $h_2$ | $D_{max}$ | Größe<br>Size |
|------------------------------|----|----|-------|-------|-------|-------|-----------|---------------|
| 910.L.1012.02.2IK            | 10 | 12 | 100   | 20    | 24    | 6     | 20        | 02            |
| 910.R.1012.02.2IK            | 10 | 12 | 100   | 20    | 24    | 6     | 20        | 02            |
| 910.L.1212.02.2IK            | 12 | 12 | 100   | 20    | 26    | 6     | 26        | 02            |
| 910.R.1212.02.2IK            | 12 | 12 | 100   | 20    | 26    | 6     | 26        | 02            |
| 910.L.1616.02.2IK            | 16 | 16 | 100   | 25    | 34    | 10    | 42        | 02            |
| 910.R.1616.02.2IK            | 16 | 16 | 100   | 25    | 34    | 10    | 42        | 02            |
| 910.L.1212.03.2IK            | 12 | 12 | 100   | 20    | 26    | 6     | 26        | 03            |
| 910.R.1212.03.2IK            | 12 | 12 | 100   | 20    | 26    | 6     | 26        | 03            |
| 910.L.1616.03.2IK            | 16 | 16 | 100   | 25    | 34    | 10    | 42        | 03            |
| 910.R.1616.03.2IK            | 16 | 16 | 100   | 25    | 34    | 10    | 42        | 03            |

Abmessungen in mm

Dimensions in mm

Weitere Abmessungen auf Anfrage

Further sizes upon request

### Ersatzteile

Spare Parts

| Klemmhalter<br>Toolholder | Kühlmittelanschluss<br>Coolant supply |
|---------------------------|---------------------------------------|
| 910...                    | 004.00.22                             |

# Einstecken und Abstechen

## Grooving and Parting Off



### Schneidplatte

Insert

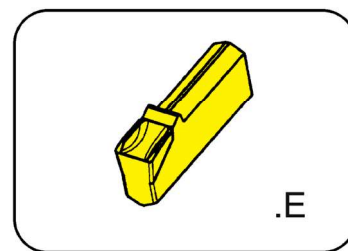
### S100

mit Spanformrinne  
with chip former

Stechbreite

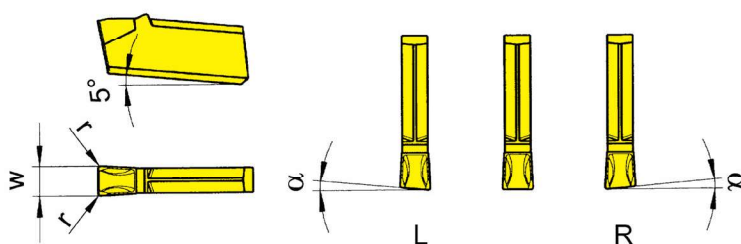
Width of groove

2-3 mm



für Klemmhalter  
for Toolholder

Typ H100  
Type



R = Rechtsausführung  
R = right hand version

L = Linksausführung  
L = left hand version

| Bestellnummer<br>Part number                                            | w   | r   | α  | Größe<br>Size | ALX2 | ALX3 | AS63 | AS66 | TC92 | TC93 | TF42 | TF43 | TF45 | TF46 | TI22 |
|-------------------------------------------------------------------------|-----|-----|----|---------------|------|------|------|------|------|------|------|------|------|------|------|
| <b>S100.0200.E2</b>                                                     | 2,0 | 0,2 | 0° | 01            |      | ▲    |      |      | Δ    | Δ    |      | ▲    | ▲    | ▲    | ▲    |
| <b>R/LS100.0520.E2</b>                                                  | 2,0 | 0,2 | 5° | 01            |      |      |      |      | Δ/Δ  | Δ/Δ  |      | ▲/Δ  | ▲/▲  | Δ/Δ  | Δ/Δ  |
| <b>S100.0250.E2</b>                                                     | 2,5 | 0,2 | 0° | 02            |      |      |      |      | Δ    | Δ    |      | ▲    | ▲    | ▲    | ▲    |
| <b>R/LS100.0525.E2</b>                                                  | 2,5 | 0,2 | 5° | 02            |      |      |      |      | Δ/Δ  | ▲/Δ  |      | ▲/Δ  | ▲/Δ  | Δ/Δ  | Δ/Δ  |
| <b>S100.0300.E2</b>                                                     | 3,0 | 0,2 | 0° | 03            | ▲    | ▲    | ▲    | ▲    | ▲    | ▲    | ▲    | ▲    | ▲    | ▲    | ▲    |
| <b>R/LS100.0530.E2</b>                                                  | 3,0 | 0,2 | 5° | 03            |      | ▲/▲  |      |      | Δ/▲  | Δ/Δ  | ▲/Δ  | ▲/▲  | ▲/▲  | ▲/▲  | ▲/Δ  |
| ▲ ab Lager / on stock Δ 4 Wochen / 4 weeks x auf Anfrage / upon request |     |     |    |               | P    | •    | •    | •    | •    | •    | •    | •    | •    | •    | •    |
| • empfohlen / recommended                                               |     |     |    |               | M    | -    | -    | -    | o    | -    | -    | -    | •    | o    | -    |
| o bedingt einsetzbar / alternative recommendation                       |     |     |    |               | K    | -    | -    | -    | •    | -    | -    | -    | •    | •    | -    |
| - nicht geeignet / not suitable                                         |     |     |    |               | N    | -    | -    | -    | •    | -    | -    | -    | •    | •    | -    |
| unbeschichtete HM-Sorten / uncoated grades                              |     |     |    |               | S    | -    | -    | -    | o    | -    | -    | -    | •    | o    | -    |
| beschichtete HM-Sorten / coated grades                                  |     |     |    |               | H    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| bestückt/Cermet / brazed/Cermet                                         |     |     |    |               |      |      |      |      |      |      |      |      |      |      |      |

Abmessungen in mm

Dimensions in mm

Ausführung R oder L angeben

State R or L version

HM-Sorten  
Carbide grades

# Einstecken und Abstecken

Grooving and Parting Off



## Schneidplatte

Insert

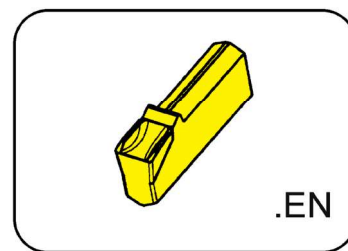
## S100

mit Spanformrinne  
with chip former

Stechbreite

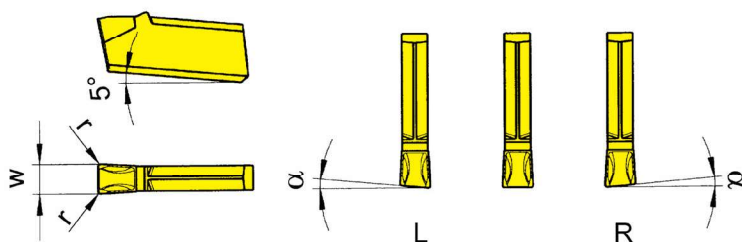
Width of groove

2-3 mm



für Klemmhalter  
for Toolholder

Typ H100  
Type



R = Rechtsausführung  
R = right hand version

L = Linksausführung  
L = left hand version

| Bestellnummer<br>Part number                                            | w   | r   | α  | Größe<br>Size | ALX3 | ALX5 | AS62 | AS63 | AS66 | AS6G | TF45 | TH35 |
|-------------------------------------------------------------------------|-----|-----|----|---------------|------|------|------|------|------|------|------|------|
| <b>S100.0200.EN2</b>                                                    | 2,0 | 0,2 | 0° | 01            | ▲    | Δ    |      |      |      | ▲    |      | Δ    |
| <b>S100.0220.EN2</b>                                                    | 2,2 | 0,2 | 0° | 01            | ▲    |      |      |      |      | ▲    |      |      |
| <b>S100.0250.EN2</b>                                                    | 2,5 | 0,2 | 0° | 02            | ▲    |      |      |      |      | ▲    |      |      |
| <b>S100.0300.EN2</b>                                                    | 3,0 | 0,2 | 0° | 03            | ▲    | Δ    |      | ▲    | ▲    | ▲    | Δ    |      |
| <b>RS100.0530.EN2</b>                                                   | 3,0 | 0,2 | 5° | 03            |      |      | ▲    |      | ▲    |      |      |      |
| ▲ ab Lager / on stock Δ 4 Wochen / 4 weeks x auf Anfrage / upon request |     |     |    |               | P    | •    | •    | •    | •    | •    | •    | •    |
| ● empfohlen / recommended                                               |     |     |    |               | M    | -    | •    | -    | -    | o    | •    | •    |
| o bedingt einsetzbar / alternative recommendation                       |     |     |    |               | K    | -    | •    | -    | -    | •    | •    | •    |
| - nicht geeignet / not suitable                                         |     |     |    |               | N    | -    | •    | -    | -    | •    | •    | •    |
| unbeschichtete HM-Sorten / uncoated grades                              |     |     |    |               | S    | -    | •    | -    | -    | o    | •    | •    |
| beschichtete HM-Sorten / coated grades                                  |     |     |    |               | H    | -    | -    | -    | -    | -    | -    | -    |
| bestückt/Cermet / brazed/Cermet                                         |     |     |    |               |      |      |      |      |      |      |      |      |

Abmessungen in mm

Dimensions in mm

Ausführung R oder L angeben

State R or L version

HM-Sorten  
Carbide grades

C

# Einstecken und Abstechen

Grooving and Parting Off



## Schneidplatte

Insert

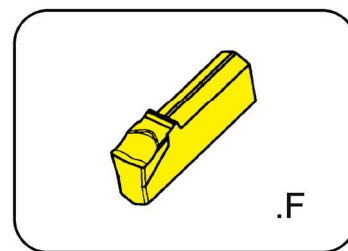
## S100

mit Spanformung  
with chip forming

Stechbreite

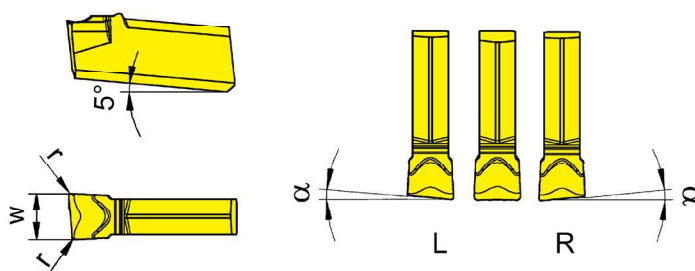
Width of groove

2-3 mm



für Klemmhalter  
for Toolholder

Typ H100  
Type



R = rechts wie gezeichnet  
R = right hand version shown

L = links spiegelbildlich  
L = left hand version

| Bestellnummer<br>Part number                                                | w   | r   | α  | Größe<br>Size | TC92 | TC93 | TF42 | TF43 | TF45 | TF46 | TI22 |
|-----------------------------------------------------------------------------|-----|-----|----|---------------|------|------|------|------|------|------|------|
| <b>S100.0200.F2</b>                                                         | 2,0 | 0,2 | 0° | 01            | ▲    | Δ    |      | ▲    | ▲    | ▲    | ▲    |
| <b>R/LS100.0520.F2</b>                                                      | 2,0 | 0,2 | 5° | 01            | Δ/Δ  | Δ/Δ  |      | Δ/Δ  | ▲/▲  | ▲/Δ  | Δ/Δ  |
| <b>S100.0250.F2</b>                                                         | 2,5 | 0,2 | 0° | 02            | Δ    | Δ    |      | Δ    | ▲    | Δ    | ▲    |
| <b>R/LS100.0525.F2</b>                                                      | 2,5 | 0,2 | 5° | 02            | Δ/Δ  | Δ/Δ  |      | Δ/Δ  | ▲/▲  | Δ/Δ  | Δ/Δ  |
| <b>S100.0300.F2</b>                                                         | 3,0 | 0,2 | 0° | 03            | Δ    | ▲    | Δ    | ▲    | ▲    | ▲    | ▲    |
| <b>R/LS100.0530.F2</b>                                                      | 3,0 | 0,2 | 5° | 03            | Δ/Δ  | Δ/Δ  |      | ▲/Δ  | ▲/▲  | ▲/▲  | Δ/▲  |
| ▲ ab Lager / on stock   Δ 4 Wochen / 4 weeks   x auf Anfrage / upon request |     |     |    |               | P    | •    | •    | •    | •    | •    | •    |
| ● empfohlen / recommended                                                   |     |     |    |               | M    | -    | -    | -    | •    | o    | -    |
| o bedingt einsetzbar / alternative recommendation                           |     |     |    |               | K    | -    | -    | -    | •    | •    | -    |
| - nicht geeignet / not suitable                                             |     |     |    |               | N    | -    | -    | -    | •    | •    | -    |
| unbeschichtete HM-Sorten / uncoated grades                                  |     |     |    |               | S    | -    | -    | -    | •    | o    | -    |
| beschichtete HM-Sorten / coated grades                                      |     |     |    |               | H    | -    | -    | -    | -    | -    | -    |
| bestückt/Cermet / brazed/Cermet                                             |     |     |    |               |      |      |      |      |      |      |      |

Abmessungen in mm

Dimensions in mm

Ausführung R oder L angeben

State R or L version

HM-Sorten  
Carbide grades

# Einstecken und Abstechen

## Grooving and Parting Off



### Schneidplatte

Insert

### S100

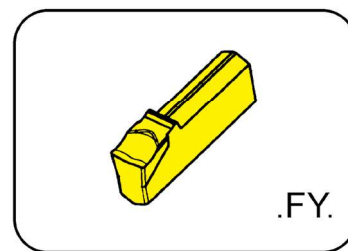
mit Spanformung  
with chip forming

Stechbreite

Width of groove

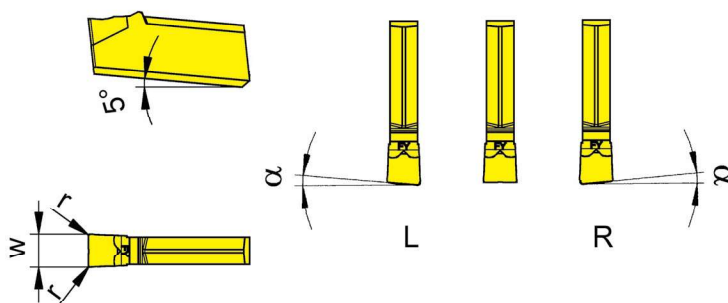
2-3 mm

präzisionsgesintert  
precision sintered



für Klemmhalter  
for Toolholder

Typ H100  
Type



R = Rechtsausführung  
R = right hand version

L = Linksausführung  
L = left hand version

| Bestellnummer<br>Part number                                                | w   | r   | α   | Größe<br>Size |   | AS45 | HP65 | IG35 | PH35 | TI25 |
|-----------------------------------------------------------------------------|-----|-----|-----|---------------|---|------|------|------|------|------|
| S100.0200.FY2                                                               | 2,0 | 0,2 | 0°  | 01            |   | Δ    | ▲    | ▲    | ▲    | ▲    |
| R/LS100.1520.FY0                                                            | 2,0 | -   | 15° | 01            |   | ▲/▲  |      | ▲/▲  |      |      |
| S100.0220.FY2                                                               | 2,2 | 0,2 | 0°  | 01            |   |      |      | ▲    |      | ▲    |
| S100.0250.FY2                                                               | 2,5 | 0,2 | 0°  | 02            |   | Δ    | ▲    | ▲    |      | ▲    |
| S100.0300.FY2                                                               | 3,0 | 0,2 | 0°  | 03            |   | Δ    | ▲    | ▲    | ▲    | ▲    |
| R/LS100.1530.FY0                                                            | 3,0 | -   | 15° | 03            |   | ▲/▲  |      | ▲/▲  |      |      |
| ▲ ab Lager / on stock   Δ 4 Wochen / 4 weeks   x auf Anfrage / upon request |     |     |     |               | P | •    | •    | -    | o    | •    |
| ● empfohlen / recommended                                                   |     |     |     |               | M | •    | •    | •    | o    | •    |
| o bedingt einsetzbar / alternative recommendation                           |     |     |     |               | K | •    | •    | -    | •    | •    |
| - nicht geeignet / not suitable                                             |     |     |     |               | N | o    | o    | -    | -    | •    |
| ■ unbeschichtete HM-Sorten / uncoated grades                                |     |     |     |               | S | •    | •    | •    | -    | •    |
| ■ beschichtete HM-Sorten / coated grades                                    |     |     |     |               | H | -    | -    | -    | -    | -    |
| ■ bestückt/Cermet / brazed/Cermet                                           |     |     |     |               |   |      |      |      |      |      |

HM-Sorten  
Carbide grades

Abmessungen in mm  
Dimensions in mm

Schneidplatten sind in **rechten und linken** Klemmhaltern verwendbar.  
Indexable inserts can be used in **right and left** hand toolholders.

C

### Schneidplatte

Insert

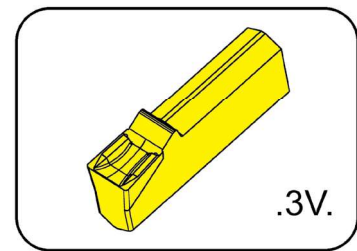
### S100

mit Spanformung  
with chip forming

Stechbreite

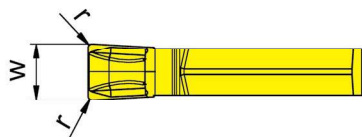
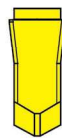
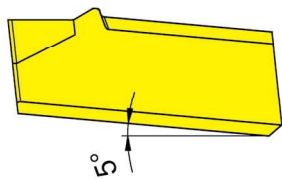
Width of groove

2-3 mm



für Klemmhalter  
for Toolholder

Typ H100  
Type



| Bestellnummer<br>Part number                                                | w   | r   | Größe<br>Size | AS45 | HP35 | HP65 | IG35 | PH35 |   |
|-----------------------------------------------------------------------------|-----|-----|---------------|------|------|------|------|------|---|
| S100.0200.3V2                                                               | 2,0 | 0,2 | 01            | ▲    | Δ    | ▲    | ▲    | ▲    |   |
| S100.0250.3V2                                                               | 2,5 | 0,2 | 02            | ▲    |      | ▲    | ▲    |      |   |
| S100.0300.3V2                                                               | 3,0 | 0,2 | 03            | ▲    |      | ▲    | ▲    | ▲    |   |
| ▲ ab Lager / on stock   Δ 4 Wochen / 4 weeks   x auf Anfrage / upon request |     |     |               | P    | ●    | ○    | ●    | -    | ○ |
| ● empfohlen / recommended                                                   |     |     |               | M    | ●    | ●    | ●    | ●    | ○ |
| ○ bedingt einsetzbar / alternative recommendation                           |     |     |               | K    | ●    | ○    | ●    | -    | ● |
| - nicht geeignet / not suitable                                             |     |     |               | N    | ○    | -    | ○    | -    | - |
| ■ unbeschichtete HM-Sorten / uncoated grades                                |     |     |               | S    | ●    | ○    | ●    | ●    | - |
| ■ beschichtete HM-Sorten / coated grades                                    |     |     |               | H    | -    | -    | -    | -    | - |
| ■ bestückt/Cermet / brazed/Cermet                                           |     |     |               |      |      |      |      |      |   |

Abmessungen in mm  
Dimensions in mm

HM-Sorten  
Carbide grades

# Einstecken und Abstechen

## Grooving and Parting Off



### Schneidplatte

Insert

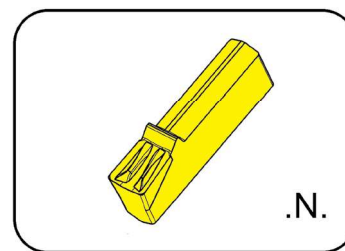
### S100

mit Spanformung  
with chip forming

Stechbreite

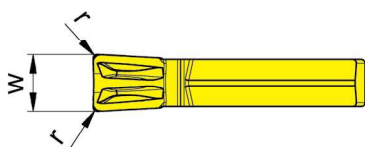
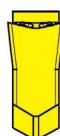
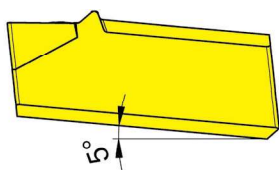
Width of groove

3 mm



für Klemmhalter  
for Toolholder

Typ H100  
Type



C

| Bestellnummer<br>Part number | w | r   | Größe<br>Size |   | AS45 | HP65 |
|------------------------------|---|-----|---------------|---|------|------|
| <b>S100.0300.N2</b>          | 3 | 0,2 | 03            |   | ▲    | ▲    |
|                              |   |     |               | P | •    | •    |
|                              |   |     |               | M | •    | •    |
|                              |   |     |               | K | •    | •    |
|                              |   |     |               | N | o    | o    |
|                              |   |     |               | S | •    | •    |
|                              |   |     |               | H | -    | -    |

▲ ab Lager / on stock Δ 4 Wochen / 4 weeks x auf Anfrage / upon request

• empfohlen / recommended

o bedingt einsetzbar / alternative recommendation

- nicht geeignet / not suitable

unbeschichtete HM-Sorten / uncoated grades

beschichtete HM-Sorten / coated grades

bestückt/Cermet / brazed/Cermet

Abmessungen in mm

Dimensions in mm

HM-Sorten  
Carbide grades

# Einstechen und Abstechen

## Grooving and Parting Off



### Schneidplatte

Insert

## S100

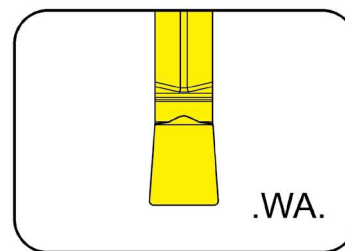
mit Spanformung  
with chip forming

Stechbreite

Width of groove

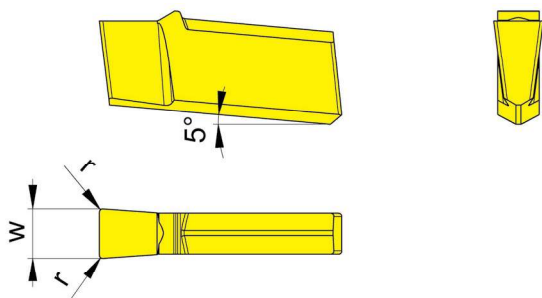
2-3 mm

präzisionsgeschliffen und poliert  
precision ground and polished



für Klemmhalter  
for Toolholder

Typ H100  
Type



für Aluminium  
for Aluminium

| Bestellnummer<br>Part number                                                                                                                                                                                                                                                                                                      | w | r   | Größe<br>Size | K10 | DD26 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----|---------------|-----|------|
| <b>S100.0200.WA2</b>                                                                                                                                                                                                                                                                                                              | 2 | 0,2 | 02            | ▲   | ▲    |
| <b>S100.0300.WA2</b>                                                                                                                                                                                                                                                                                                              | 3 | 0,2 | 03            | ▲   | ▲    |
| ▲ ab Lager / on stock   Δ 4 Wochen / 4 weeks   x auf Anfrage / upon request<br>● empfohlen / recommended<br>o bedingt einsetzbar / alternative recommendation<br>- nicht geeignet / not suitable<br>■ unbeschichtete HM-Sorten / uncoated grades<br>■ beschichtete HM-Sorten / coated grades<br>■ bestückt/Cermet / brazed/Cermet |   |     |               | P   | •    |
|                                                                                                                                                                                                                                                                                                                                   |   |     |               | M   | o    |
|                                                                                                                                                                                                                                                                                                                                   |   |     |               | K   | •    |
|                                                                                                                                                                                                                                                                                                                                   |   |     |               | N   | •    |
|                                                                                                                                                                                                                                                                                                                                   |   |     |               | S   | o    |
|                                                                                                                                                                                                                                                                                                                                   |   |     |               | H   | -    |

HM-Sorten  
Carbide grades

Abmessungen in mm

Dimensions in mm

Schneidplatten sind in **rechten und linken** Klemmhaltern verwendbar.

Indexable inserts can be used in **right and left** hand toolholders.

C

# Einstecken und Abstechen

Grooving and Parting Off



## Klemmhalter

Toolholder

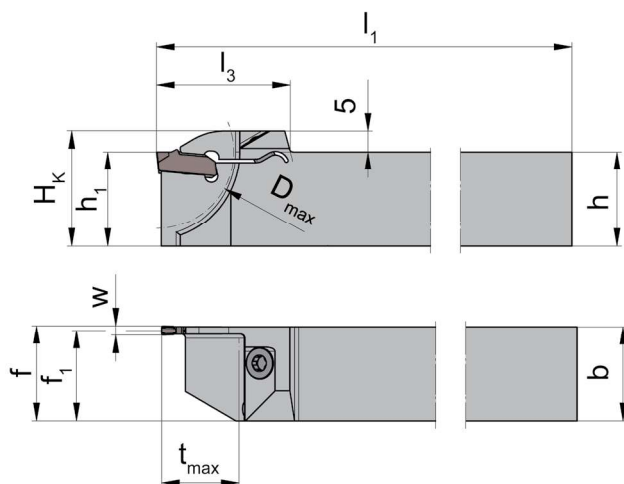
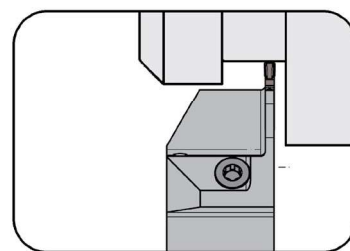
## H101

mit Schraubklemmung  
with screwed clamping

Stechtiefe bis  
Stechbreite

Depth of groove up to  
Width of groove

13 mm  
1,2-1,6 mm



für Schneidplatte  
for Insert

Typ S101  
Type

C

| Bestellnummer<br>Part number | h  | b  | l <sub>1</sub> | l <sub>3</sub> | h <sub>1</sub> | f <sub>1</sub> | f                   | t <sub>max</sub> | H <sub>K</sub> | D <sub>max</sub> | Größe<br>Size |
|------------------------------|----|----|----------------|----------------|----------------|----------------|---------------------|------------------|----------------|------------------|---------------|
| R/LH101.1010.1.12            | 10 | 10 | 125            | 22,5           | 10             | 9,53           | f <sub>1</sub> +w/2 | 13               | 13,5           | 26               | 12            |
| R/LH101.1212.1.12            | 12 | 12 | 125            | 22,5           | 12             | 11,53          | f <sub>1</sub> +w/2 | 13               | 15,5           | 26               | 12            |
| R/LH101.1616.1.12            | 16 | 16 | 125            | 22,5           | 16             | 15,53          | f <sub>1</sub> +w/2 | 13               | 19,5           | 26               | 12            |
| R/LH101.1010.1.16            | 10 | 10 | 125            | 22,5           | 10             | 9,35           | f <sub>1</sub> +w/2 | 13               | 13,5           | 26               | 16            |
| R/LH101.1212.1.16            | 12 | 12 | 125            | 22,5           | 12             | 11,35          | f <sub>1</sub> +w/2 | 13               | 15,5           | 26               | 16            |
| R/LH101.1616.1.16            | 16 | 16 | 125            | 22,5           | 16             | 15,35          | f <sub>1</sub> +w/2 | 13               | 19,5           | 26               | 16            |

Ausführung R oder L angeben  
State R or L version

w siehe Schneidplatten  
w see inserts

Abmessungen in mm  
Dimensions in mm

Weitere Abmessungen auf Anfrage  
Further sizes upon request

Das Anzugsdrehmoment der Schrauben finden Sie in den Technischen Hinweisen.  
For torque specification of the screw, please see Technical Instructions.

## Ersatzteile

Spare Parts

| Klemmhalter<br>Toolholder | Spannschraube<br>Clamping Screw | TORX PLUS®-Schlüssel<br>TORX PLUS® Wrench |
|---------------------------|---------------------------------|-------------------------------------------|
| R/LH101...                | 3.5.12T10EP                     | T10PL                                     |

# Einstecken und Abstechen

Grooving and Parting Off



## Schneidplatte

Insert

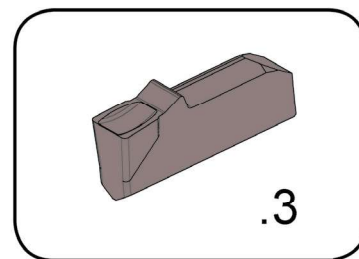
## S101

mit Spanformung  
with chip forming

Stechbreite

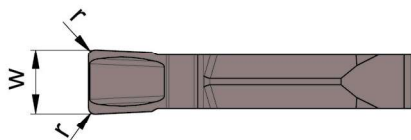
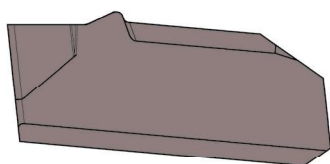
Width of groove

1,2-1,6 mm



für Klemmhalter  
for Toolholder

Typ H101  
Type



| Bestellnummer<br>Part number                                                                                                                                                                                                                                                                                                      | w   | r    | Größe<br>Size | AS45 | IG35 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|---------------|------|------|
| <b>S101.0120.315</b>                                                                                                                                                                                                                                                                                                              | 1,2 | 0,15 | 12            | ▲    | ▲    |
| <b>S101.0160.315</b>                                                                                                                                                                                                                                                                                                              | 1,6 | 0,15 | 16            | ▲    | ▲    |
| ▲ ab Lager / on stock   Δ 4 Wochen / 4 weeks   x auf Anfrage / upon request<br>● empfohlen / recommended<br>o bedingt einsetzbar / alternative recommendation<br>- nicht geeignet / not suitable<br>■ unbeschichtete HM-Sorten / uncoated grades<br>■ beschichtete HM-Sorten / coated grades<br>■ bestückt/Cermet / brazed/Cermet |     |      |               | P    | •    |
|                                                                                                                                                                                                                                                                                                                                   |     |      |               | M    | •    |
|                                                                                                                                                                                                                                                                                                                                   |     |      |               | K    | •    |
|                                                                                                                                                                                                                                                                                                                                   |     |      |               | N    | o    |
|                                                                                                                                                                                                                                                                                                                                   |     |      |               | S    | •    |
|                                                                                                                                                                                                                                                                                                                                   |     |      |               | H    | -    |

HM-Sorten  
Carbide grades

Abmessungen in mm  
Dimensions in mm

C