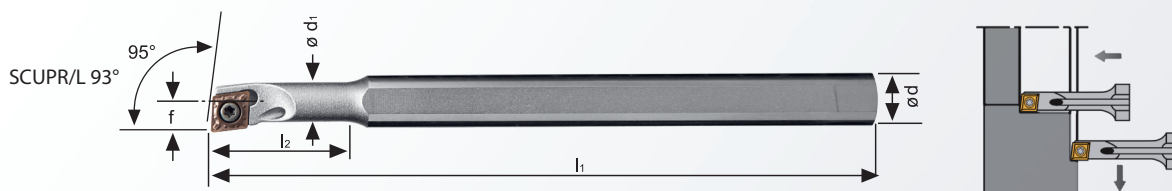


# Mini-Bohrstangen



**Bohrstangen mit Wendeschneidplatten und  
Innenkühlung für Bohrungen ab  $\varnothing$  4,8 mm**

## Bohrstangen für die Innenbearbeitung | Internal boring bars



### A-SCLDR/L

| STAHL | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |    |                  | CDGT 0401... | VT18B | BT06 | kg    | LAGER | € |
|-------|--------------------------|--------------------------------|----------------|----------------|----|------------------|--------------|-------|------|-------|-------|---|
|       | d                        | d <sub>1</sub>                 | l <sub>1</sub> | l <sub>2</sub> | f  | D <sub>min</sub> |              |       |      |       |       |   |
|       | A 0408H SCLDR/L 04       | 8                              | 4              | 100            | 16 | 2,4              | 4,8          |       |      | 0,030 | ●     |   |
|       | A 0508H SCLDR/L 04       | 8                              | 5              | 100            | 20 | 2,9              | 5,8          |       |      | 0,040 | ●     |   |
|       | A 0608H SCLDR/L 04       | 8                              | 6              | 100            | 24 | 3,4              | 6,8          |       |      | 0,050 | ●     |   |

### E-SCLDR/L

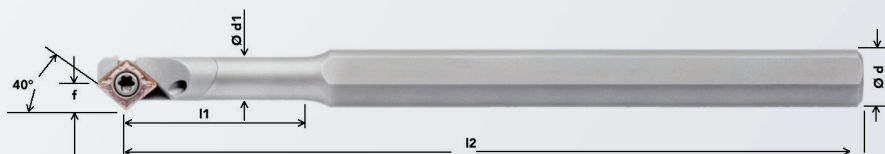
| HARTMETALL | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |    |                  | CDGT 0401... | VT18B | BT06 | kg    | LAGER | € |
|------------|--------------------------|--------------------------------|----------------|----------------|----|------------------|--------------|-------|------|-------|-------|---|
|            | d                        | d <sub>1</sub>                 | l <sub>1</sub> | l <sub>2</sub> | f  | D <sub>min</sub> |              |       |      |       |       |   |
|            | E 0408H SCLDR/L 04       | 8                              | 4              | 100            | 24 | 2,4              | 4,8          |       |      | 0,040 | ●     |   |
|            | E 0508H SCLDR/L 04       | 8                              | 5              | 100            | 30 | 2,9              | 5,8          |       |      | 0,040 | ●     |   |
|            | E 0608H SCLDR/L 04       | 8                              | 6              | 100            | 36 | 3,4              | 6,8          |       |      | 0,050 | ●     |   |

### A-SCUPR/L

| STAHL | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |    |                  | CPMT<br>CPGT<br>05T1... | VT22B | BT06 | kg    | LAGER | € |
|-------|--------------------------|--------------------------------|----------------|----------------|----|------------------|-------------------------|-------|------|-------|-------|---|
|       | d                        | d <sub>1</sub>                 | l <sub>1</sub> | l <sub>2</sub> | f  | D <sub>min</sub> |                         |       |      |       |       |   |
|       | A 0608H SCUPR/L 05       | 8                              | 6              | 100            | 20 | 4,5              | 8                       |       |      | 0,050 | ●     |   |
|       | A 0810J SCUPR/L 05       | 10                             | 8              | 110            | 26 | 6                | 11                      |       |      | 0,070 | ●     |   |
|       | A 1012K SCUPR/L 05       | 12                             | 10             | 125            | 32 | 7                | 13                      |       |      | 0,100 | ●     |   |
|       | A 1216M SCUPR/L 05       | 16                             | 12             | 150            | 40 | 9                | 16                      |       |      | 0,200 | ●     |   |

### E-SCUPR/L

| HARTMETALL | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |    |                  | CPMT<br>CPGT<br>05T1... | VT22B | BT06 | kg    | LAGER | € |
|------------|--------------------------|--------------------------------|----------------|----------------|----|------------------|-------------------------|-------|------|-------|-------|---|
|            | d                        | d <sub>1</sub>                 | l <sub>1</sub> | l <sub>2</sub> | f  | D <sub>min</sub> |                         |       |      |       |       |   |
|            | E 0608H SCUPR/L 05       | 8                              | 6              | 100            | 28 | 4,5              | 8                       |       |      | 0,050 | ●     |   |
|            | E 0810J SCUPR/L 05       | 10                             | 8              | 110            | 36 | 6                | 11                      |       |      | 0,090 | ●     |   |
|            | E 1012K SCUPR/L 05       | 12                             | 10             | 125            | 44 | 7                | 13                      |       |      | 0,170 | ●     |   |
|            | E 1216M SCUPR/L 05       | 16                             | 12             | 150            | 55 | 9                | 16                      |       |      | 0,300 | ●     |   |



### A-SCXPR/L

| STAHL | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |    |                  | CPMT<br>CPGT<br>05T1... | VT22B | BT06 | kg    | LAGER | € |
|-------|--------------------------|--------------------------------|----------------|----------------|----|------------------|-------------------------|-------|------|-------|-------|---|
|       | d                        | d <sub>1</sub>                 | l <sub>1</sub> | l <sub>2</sub> | f  | D <sub>min</sub> |                         |       |      |       |       |   |
|       | A 0608H SCXPR/L 05       | 8                              | 6              | 100            | 20 | 4,5              | 8,5                     |       |      | 0,050 | ●     |   |
|       | A 0810J SCXPR/L 05       | 10                             | 8              | 110            | 26 | 6                | 11                      |       |      | 0,070 | ●     |   |
|       | A 1012K SCXPR/L 05       | 12                             | 10             | 125            | 32 | 7                | 13                      |       |      | 0,100 | ●     |   |
|       | A 1216M SCXPR/L 05       | 16                             | 12             | 150            | 40 | 9                | 16                      |       |      | 0,200 | ●     |   |

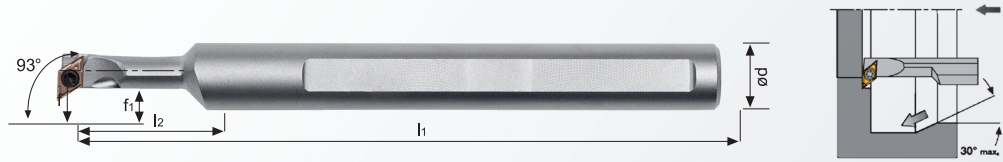
### E-SCXPR/L

| HARTMETALL | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |    |                  | CPMT<br>CPGT<br>05T1... | VT22B | BT06 | kg    | LAGER | € |
|------------|--------------------------|--------------------------------|----------------|----------------|----|------------------|-------------------------|-------|------|-------|-------|---|
|            | d                        | d <sub>1</sub>                 | l <sub>1</sub> | l <sub>2</sub> | f  | D <sub>min</sub> |                         |       |      |       |       |   |
|            | E 0608H SCXPR/L 05       | 8                              | 6              | 100            | 28 | 4,5              | 8,5                     |       |      | 0,050 | ●     |   |
|            | E 0810J SCXPR/L 05       | 10                             | 8              | 110            | 36 | 6                | 11                      |       |      | 0,090 | ●     |   |
|            | E 1012K SCXPR/L 05       | 12                             | 10             | 125            | 44 | 7                | 13                      |       |      | 0,170 | ●     |   |
|            | E 1216M SCXPR/L 05       | 16                             | 12             | 150            | 55 | 9                | 16                      |       |      | 0,300 | ●     |   |

● Lieferbar ab Werk – On stock

○ Auf Anfrage – On request

Zwischenverkauf vorbehalten.



**A-SDUCR/L**

| STAHL | CODICE ORDINE            | DIMENSIONI   <b>Abmessungen</b>   Dimensions (mm.) |                |                |   |                |                  |              |        |      |       | STOCK | PRICELIST |
|-------|--------------------------|--|----------------|----------------|---|----------------|------------------|--------------|--------|------|-------|-------|-----------|
|       | Bestell-Nr.<br>Order No. | d  | l <sub>1</sub> | l <sub>2</sub> | f | f <sub>1</sub> | D <sub>min</sub> |              |        |      |       |       |           |
|       | A 0408F SDUCR/L          | 8  | 80             | 15             | 3 | 1,5            | 5,6              | DCGT 04T0... | VT1604 | BT05 | 0,030 | ●     | €         |

**E-SDUCR/L**

| HARTMETALL | Abmessungen   Dimensions (mm.) |   |                |                |   |                |     |              |        |      | LAGER | € |                  |
|------------|--------------------------------|---|----------------|----------------|---|----------------|-----|--------------|--------|------|-------|---|------------------|
|            | Bestell-Nr.<br>Order No.       | d | l <sub>1</sub> | l <sub>2</sub> | f | f <sub>1</sub> |     |              |        |      |       |   | D <sub>min</sub> |
|            | E 0408F SDUCR/L 04             | 8 | 80             | 26             | 3 | 1,5            | 5,6 | DCGT 04T0... | VT1604 | BT05 | 0,042 | ● | €                |



**A-SDQCR/L**

| STAHL | Abmessungen   Dimensions (mm.) |   |                |                |     |                |     |              |        |      | LAGER | € |                  |
|-------|--------------------------------|---|----------------|----------------|-----|----------------|-----|--------------|--------|------|-------|---|------------------|
|       | Bestell-Nr.<br>Order No.       | d | l <sub>1</sub> | l <sub>2</sub> | f   | f <sub>1</sub> |     |              |        |      |       |   | D <sub>min</sub> |
|       | A 0408F SDQCR/L 04             | 8 | 80             | 15             | 2,6 | 1,1            | 5,2 | DCGT 04T0... | VT1604 | BT05 | 0,030 | ● | €                |

**E-SDQCR/L**

| HARTMETALL | Abmessungen   Dimensions (mm.) |   |                |                |     |                |     |              |        |      | LAGER | € |                  |
|------------|--------------------------------|---|----------------|----------------|-----|----------------|-----|--------------|--------|------|-------|---|------------------|
|            | Bestell-Nr.<br>Order No.       | d | l <sub>1</sub> | l <sub>2</sub> | f   | f <sub>1</sub> |     |              |        |      |       |   | D <sub>min</sub> |
|            | E 0408F SDQCR/L 04             | 8 | 80             | 26             | 2,6 | 1,1            | 5,2 | DCGT 04T0... | VT1604 | BT05 | 0,042 | ● | €                |



**A-SWUCR/L**

| STAHL | Abmessungen   Dimensions (mm.) |   |                |                |                |     |                  |              |       |      |       | LAGER | € |
|-------|--------------------------------|---|----------------|----------------|----------------|-----|------------------|--------------|-------|------|-------|-------|---|
|       | Bestell-Nr.<br>Order No.       | d | d <sub>1</sub> | l <sub>1</sub> | l <sub>2</sub> | f   | D <sub>min</sub> |              |       |      |       |       |   |
|       | A 0508H SWUCR/L 02             | 8 | 5              | 100            | 18             | 2,9 | 5,8              | WCMT<br>WCGT | VT20B | BT06 | 0,040 | ●     | € |
|       | A 0608H SWUCR/L 02             | 8 | 6              | 100            | 24             | 3,9 | 7,8              | 0201...      |       |      | 0,050 | ●     | € |

**AH-SWUCR/L**

| HSS | Abmessungen   Dimensions (mm.) |   |                |                |                |     |                  |              |       |      |       | LAGER | € |
|-----|--------------------------------|---|----------------|----------------|----------------|-----|------------------|--------------|-------|------|-------|-------|---|
|     | Bestell-Nr.<br>Order No.       | d | d <sub>1</sub> | l <sub>1</sub> | l <sub>2</sub> | f   | D <sub>min</sub> |              |       |      |       |       |   |
|     | AH 0508H SWUCR/L 02            | 8 | 5              | 100            | 18             | 2,9 | 5,8              | WCMT<br>WCGT | VT20B | BT06 | 0,040 | ●     | € |
|     | AH 0608H SWUCR/L 02            | 8 | 6              | 100            | 24             | 3,9 | 7,8              | 0201...      |       |      | 0,050 | ●     | € |

**E-SWUCR/L**

| HARTMETALL | Abmessungen   Dimensions (mm.) |   |                |                |                |     |                  |              |       |      |       | LAGER | € |
|------------|--------------------------------|---|----------------|----------------|----------------|-----|------------------|--------------|-------|------|-------|-------|---|
|            | Bestell-Nr.<br>Order No.       | d | d <sub>1</sub> | l <sub>1</sub> | l <sub>2</sub> | f   | D <sub>min</sub> |              |       |      |       |       |   |
|            | E 0508H SWUCR/L 02             | 8 | 5              | 100            | 24             | 2,9 | 5,8              | WCMT<br>WCGT | VT20B | BT06 | 0,040 | ●     | € |
|            | E 0608H SWUCR/L 02             | 8 | 6              | 100            | 32             | 3,9 | 7,8              | 0201...      |       |      | 0,050 | ●     | € |

● Lieferbar ab Werk – On stock

○ Auf Anfrage – On request

Zwischenverkauf vorbehalten.



**A-SCLDR/L**

|       | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |     |                  |              |       |      |       | LAGER |  |
|-------|--------------------------|--------------------------------|----------------|----------------|-----|------------------|--------------|-------|------|-------|-------|--|
|       |                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f   | D <sub>min</sub> |              |       |      |       |       |  |
| STAHL | A 04E SCLDR/L 04         | 4                              | 70             | -              | 2,4 | 4,8              |              |       |      | 0,030 | ●     |  |
|       | A 05E SCLDR/L 04         | 5                              | 70             | -              | 2,9 | 5,8              | CDGT 0401... | VT18B | BT06 | 0,040 | ●     |  |
|       | A 06F SCLDR/L 04         | 6                              | 80             | -              | 3,4 | 6,8              |              |       |      | 0,050 | ●     |  |

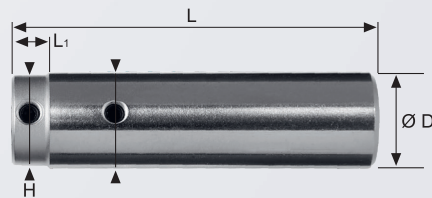
**E-SCLDR/L**

|            | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |     |                  |              |       |      |       | LAGER |  |
|------------|--------------------------|--------------------------------|----------------|----------------|-----|------------------|--------------|-------|------|-------|-------|--|
|            |                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f   | D <sub>min</sub> |              |       |      |       |       |  |
| HARTMETALL | E 04F SCLDR/L 04         | 4                              | 80             | -              | 2,4 | 4,8              |              |       |      | 0,030 | ●     |  |
|            | E 05F SCLDR/L 04         | 5                              | 80             | -              | 2,9 | 5,8              | CDGT 0401... | VT18B | BT06 | 0,040 | ●     |  |
|            | E 06G SCLDR/L 04         | 6                              | 95             | -              | 3,4 | 6,8              |              |       |      | 0,050 | ●     |  |



**E-SWUCR/L**

|            | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |     |                  |                         |       |      |       | LAGER |  |
|------------|--------------------------|--------------------------------|----------------|----------------|-----|------------------|-------------------------|-------|------|-------|-------|--|
|            |                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f   | D <sub>min</sub> |                         |       |      |       |       |  |
| HARTMETALL | E 05F SWUCR/L 02         | 5                              | 85             | -              | 2,9 | 5,8              | WCMT<br>WCGT<br>0201... | VT20B | BT06 | 0,040 | ●     |  |
|            | E 06G SWUCR/L 02         | 6                              | 95             | -              | 3,9 | 7,8              |                         |       |      | 0,050 | ●     |  |



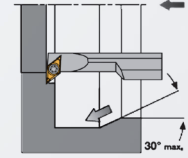
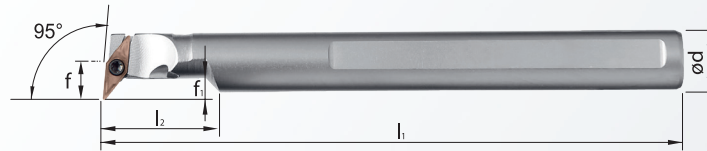
**MINI COLLET**

| Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |    |    |                |    |       | LAGER |  |
|--------------------------|--------------------------------|----|----|----------------|----|-------|-------|--|
|                          | Ød                             | ØD | L  | L <sub>1</sub> | H  |       |       |  |
| SC 04-16                 | 4                              |    |    |                |    | 0,010 | ●     |  |
| SC 05-16                 | 5                              | 16 | 80 | 6              | 15 | 0,010 | ●     |  |
| SC 06-16                 | 6                              |    |    |                |    | 0,010 | ●     |  |

● Lieferbar ab Werk – On stock

○ Auf Anfrage – On request

Zwischenverkauf vorbehalten.

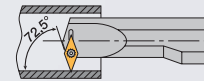
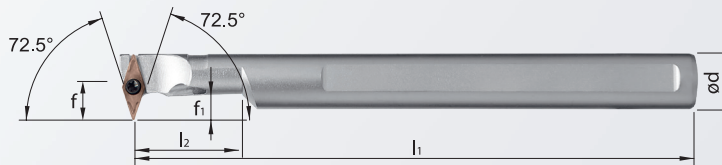


A-SVLCR/L

|       | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |    |                |                  |                         |        |      |       | LAGER | € |
|-------|--------------------------|--------------------------------|----------------|----------------|----|----------------|------------------|-------------------------|--------|------|-------|-------|---|
|       |                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f  | f <sub>1</sub> | D <sub>min</sub> |                         |        |      |       |       |   |
| STAHL | A 08F SVLCR/L 05         | 8                              | 80             | 15             | 5  | 3              | 9,2              | VCGT 0501...            | VT1604 | BT05 | 0,040 | ●     |   |
|       | A 10H SVLCR/L 07         | 10                             | 100            | 22             | 7  | 5              | 12,5             |                         |        |      | 0,080 | ●     |   |
|       | A 12K SVLCR/L 07         | 12                             | 125            | 28             | 9  | 6              | 15,5             | VCMT<br>VCGT<br>0702... | VT20   | BT06 | 0,120 | ●     |   |
|       | A 16M SVLCR/L 07         | 16                             | 150            | 36             | 11 | 5              | 19,5             |                         |        |      | 0,250 | ●     |   |

E-SVLCR/L

|            | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |    |                |                  |                         |        |      |       | LAGER | € |
|------------|--------------------------|--------------------------------|----------------|----------------|----|----------------|------------------|-------------------------|--------|------|-------|-------|---|
|            |                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f  | f <sub>1</sub> | D <sub>min</sub> |                         |        |      |       |       |   |
| HARTMETALL | E 08F SVLCR/L 05         | 8                              | 80             | 26             | 5  | 3              | 9,2              | VCGT 0501...            | VT1604 | BT05 | 0,070 | ●     |   |
|            | E 10H SVLCR/L 07         | 10                             | 100            | 32             | 7  | 5              | 12,5             |                         |        |      | 0,170 | ●     |   |
|            | E 12K SVLCR/L 07         | 12                             | 125            | 40             | 9  | 6              | 15,5             | VCMT<br>VCGT<br>0702... | VT20   | BT06 | 0,300 | ●     |   |
|            | E 16M SVLCR/L 07         | 16                             | 150            | 55             | 11 | 5              | 19,5             |                         |        |      | 0,500 | ●     |   |



A-SVVCRL/L

|       | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |     |                |                  |                         |        |      |       | LAGER | € |
|-------|--------------------------|--------------------------------|----------------|----------------|-----|----------------|------------------|-------------------------|--------|------|-------|-------|---|
|       |                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f   | f <sub>1</sub> | D <sub>min</sub> |                         |        |      |       |       |   |
| STAHL | A 08F SVVCRL/L 05        | 8                              | 80             | 15             | 5,5 | 3,5            | 10,2             | VCGT 0501...            | VT1604 | BT05 | 0,040 | ●     |   |
|       | A 10H SVVCRL/L 07        | 10                             | 100            | 22             | 8   | 6              | 13,5             |                         |        |      | 0,080 | ●     |   |
|       | A 12K SVVCRL/L 07        | 12                             | 125            | 28             | 9   | 6              | 15,5             | VCMT<br>VCGT<br>0702... | VT20   | BT06 | 0,120 | ●     |   |
|       | A 16M SVVCRL/L 07        | 16                             | 150            | 36             | 11  | 6              | 19,5             |                         |        |      | 0,250 | ●     |   |

E-SVVCRL/L

|            | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |     |                |                  |                         |        |      |       | LAGER | € |
|------------|--------------------------|--------------------------------|----------------|----------------|-----|----------------|------------------|-------------------------|--------|------|-------|-------|---|
|            |                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f   | f <sub>1</sub> | D <sub>min</sub> |                         |        |      |       |       |   |
| HARTMETALL | E 08F SVVCRL/L 05        | 8                              | 80             | 26             | 5,5 | 3,5            | 10,2             | VCGT 0501...            | VT1604 | BT05 | 0,070 | ●     |   |
|            | E 10H SVVCRL/L 07        | 10                             | 100            | 32             | 8   | 6              | 13,5             |                         |        |      | 0,170 | ●     |   |
|            | E 12K SVVCRL/L 07        | 12                             | 125            | 40             | 9   | 6              | 15,5             | VCMT<br>VCGT<br>0702... | VT20   | BT06 | 0,300 | ●     |   |
|            | E 16M SVVCRL/L 07        | 16                             | 150            | 55             | 11  | 6              | 19,5             |                         |        |      | 0,500 | ●     |   |

● Lieferbar ab Werk – On stock

○ Auf Anfrage – On request

Zwischenverkauf vorbehalten.

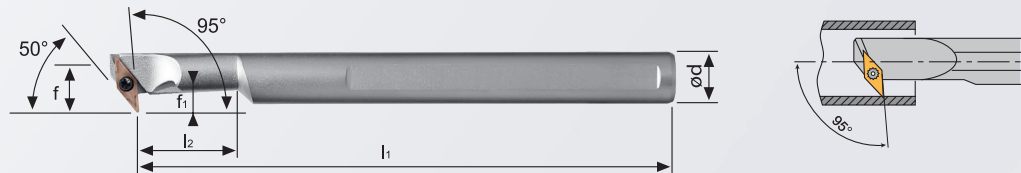


**A-SVXCR/L**

|       | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |    |                |                  |                         |        |      |       | LAGER |  |
|-------|--------------------------|--------------------------------|----------------|----------------|----|----------------|------------------|-------------------------|--------|------|-------|-------|--|
|       |                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f  | f <sub>1</sub> | D <sub>min</sub> |                         |        |      |       |       |  |
| STAHL | A 08F SVXCR/L 05         | 8                              | 80             | 15             | 5  | 3              | 9,2              | VCGT 0501...            | VT1604 | BT05 | 0,040 | ●     |  |
|       | A 10H SVXCR/L 07         | 10                             | 100            | 22             | 7  | 3              | 12,5             | VCMT<br>VCGT<br>0702... | VT20   | BT06 | 0,080 | ●     |  |
|       | A 12K SVXCR/L 07         | 12                             | 125            | 28             | 9  | 3              | 15,5             |                         |        |      | 0,120 | ●     |  |
|       | A 16M SVXCR/L 07         | 16                             | 150            | 36             | 11 | 3              | 19,5             |                         |        |      | 0,250 | ●     |  |

**E-SVXCR/L**

|            | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |    |                |                  |                         |        |      |       | LAGER |  |
|------------|--------------------------|--------------------------------|----------------|----------------|----|----------------|------------------|-------------------------|--------|------|-------|-------|--|
|            |                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f  | f <sub>1</sub> | D <sub>min</sub> |                         |        |      |       |       |  |
| HARTMETALL | E 08F SVXCR/L 05         | 8                              | 80             | 26             | 5  | 3              | 9,2              | VCGT 0501...            | VT1604 | BT05 | 0,070 | ●     |  |
|            | E 10H SVXCR/L 07         | 10                             | 100            | 32             | 7  | 3              | 12,5             | VCMT<br>VCGT<br>0702... | VT20   | BT06 | 0,170 | ●     |  |
|            | E 12K SVXCR/L 07         | 12                             | 125            | 40             | 9  | 3              | 15,5             |                         |        |      | 0,300 | ●     |  |
|            | E 16M SVXCR/L 07         | 16                             | 150            | 55             | 11 | 3              | 19,5             |                         |        |      | 0,500 | ●     |  |



**A-SV95CR/L**

|       | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |    |                |                  |                         |        |      |       | LAGER |  |
|-------|--------------------------|--------------------------------|----------------|----------------|----|----------------|------------------|-------------------------|--------|------|-------|-------|--|
|       |                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f  | f <sub>1</sub> | D <sub>min</sub> |                         |        |      |       |       |  |
| STAHL | A 08F SV95CR/L 05        | 8                              | 80             | 15             | 5  | 3              | 9,2              | VCGT 0501...            | VT1604 | BT05 | 0,040 | ●     |  |
|       | A 10H SV95CR/L 07        | 10                             | 100            | 22             | 7  | 5              | 12,5             | VCMT<br>VCGT<br>0702... | VT20   | BT06 | 0,080 | ●     |  |
|       | A 12K SV95CR/L 07        | 12                             | 125            | 28             | 9  | 6              | 15,5             |                         |        |      | 0,120 | ●     |  |
|       | A 16M SV95CR/L 07        | 16                             | 150            | 36             | 11 | 5              | 19,5             |                         |        |      | 0,250 | ●     |  |

**E-SV95CR/L**

|            | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |    |                |                  |                         |        |      |       | LAGER |  |
|------------|--------------------------|--------------------------------|----------------|----------------|----|----------------|------------------|-------------------------|--------|------|-------|-------|--|
|            |                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f  | f <sub>1</sub> | D <sub>min</sub> |                         |        |      |       |       |  |
| HARTMETALL | E 08F SV95CR/L 05        | 8                              | 80             | 26             | 5  | 3              | 9,2              | VCGT 0501...            | VT1604 | BT05 | 0,070 | ●     |  |
|            | E 10H SV95CR/L 07        | 10                             | 100            | 32             | 7  | 5              | 12,5             | VCMT<br>VCGT<br>0702... | VT20   | BT06 | 0,170 | ●     |  |
|            | E 12K SV95CR/L 07        | 12                             | 125            | 40             | 9  | 6              | 15,5             |                         |        |      | 0,300 | ●     |  |
|            | E 16M SV95CR/L 07        | 16                             | 150            | 55             | 11 | 8              | 19,5             |                         |        |      | 0,500 | ●     |  |

● Lieferbar ab Werk – On stock

○ Auf Anfrage – On request

Zwischenverkauf vorbehalten.

## Bohrstangen für die Innenbearbeitung | Internal boring bars



### AH-SCLCR/L

| HSS | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |     |                  |              |  |      |      |       | LAGER | € |
|-----|--------------------------|--------------------------------|----------------|----------------|-----|------------------|--------------|--|------|------|-------|-------|---|
|     |                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f   | D <sub>min</sub> |              |  |      |      |       |       |   |
|     | AH 0410H SCLCR/L 03      | 10                             | 100            | 24             | 2,5 | 5                | CCGT 0301... |  | VT16 | BT06 | 0,030 | ●     |   |
|     | AH 0610H SCLCR/L 03      | 10                             | 100            | 24             | 2,5 | 7                |              |  |      |      | 0,040 | ●     |   |

### E-SCLCR/L

| HARTMETALL | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |     |                  |              |  |             |      |       | LAGER | € |
|------------|--------------------------|--------------------------------|----------------|----------------|-----|------------------|--------------|--|-------------|------|-------|-------|---|
|            |                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f   | D <sub>min</sub> |              |  |             |      |       |       |   |
|            | E 04G SCLCR/L 03         | 4                              | 90             | 10             | 2,5 | 5                |              |  | VT16        |      | 0,030 | ●     |   |
|            | E 05H SCLCR/L 03         | 5                              | 100            | 10             | 3   | 6                | CCGT 0301... |  | BFTX 01604N | BT06 | 0,040 | ●     |   |
|            | E 06J SCLCR/L 03         | 6                              | 110            | 10             | 3,5 | 7                |              |  |             |      | 0,050 | ●     |   |



### A-SVJCR/L

| STAHL | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |     |                  |                   |        |      |      |       | LAGER | € |
|-------|--------------------------|--------------------------------|----------------|----------------|-----|------------------|-------------------|--------|------|------|-------|-------|---|
|       |                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f   | D <sub>min</sub> |                   |        |      |      |       |       |   |
|       | A 08F SVJCR/L 05         | 8                              | 80             | 15             | 3   | 8                | VCGT 0501...      | VT1604 |      | BT05 | 0,040 | ●     |   |
|       | A 10K SVJCR/L 07         | 10                             | 125            | 18             | 1,5 | 13               | VCMT VCGT 0702... |        | VT20 |      | 0,080 | ●     |   |
|       | A 12L SVJCR/L 07         | 12                             | 140            | 18             | 2   | 13               |                   |        |      |      | 0,120 | ●     |   |

### E-SVJCR/L

| HARTMETALL | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |     |                  |                   |        |      |      |       | LAGER | € |
|------------|--------------------------|--------------------------------|----------------|----------------|-----|------------------|-------------------|--------|------|------|-------|-------|---|
|            |                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f   | D <sub>min</sub> |                   |        |      |      |       |       |   |
|            | E08F SVJCR/L 05          | 8                              | 80             | 26             | 3   | 8                | VCGT 0501...      | VT1604 |      | BT05 | 0,090 | ●     |   |
|            | E10K SVJCR/L 07          | 10                             | 125            | 18             | 1,5 | 13               | VCMT VCGT 0702... |        | VT20 |      | 0,170 | ●     |   |
|            | E12M SVJCR/L 07          | 12                             | 150            | 18             | 2   | 13               |                   |        |      |      | 0,300 | ●     |   |

## Bohrstangen für die Innenbearbeitung | Internal boring bars



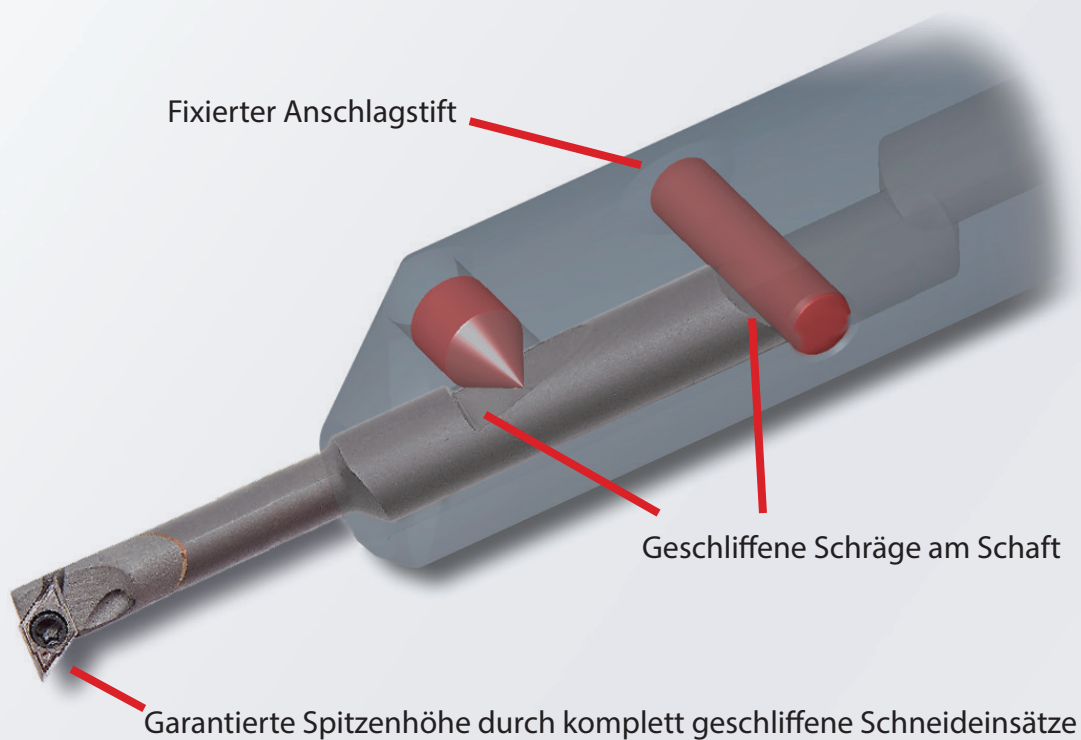
### A-SDXCR/L

| STAHL | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |   |                |                  | DCGT<br>04T0... | VT1604 | BT05 | kg    | LAGER | € |
|-------|--------------------------|--------------------------------|----------------|----------------|---|----------------|------------------|-----------------|--------|------|-------|-------|---|
|       |                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f | f <sub>1</sub> | D <sub>min</sub> |                 |        |      |       |       |   |
|       | A 08F SDXCR/L 04         | 8                              | 80             | 15             | 5 | 3              | 9,20             |                 |        |      | 0,040 | ●     |   |
|       | A 10H SDXCR/L 04         | 10                             | 100            | 22             | 7 | 5              | 12,50            |                 |        |      | 0,060 | ●     |   |

### AMS Wechselsystem

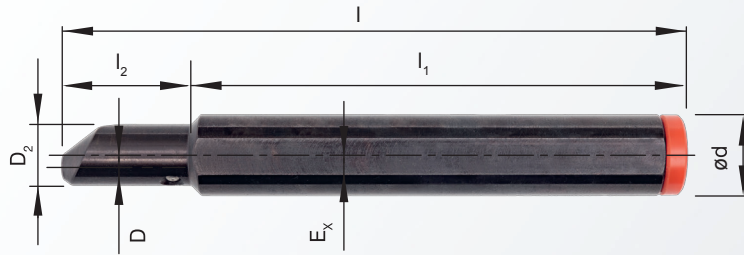
Mit dem AMS Mini-Bohrstangen Wechselsystem können Bohrungen bereits ab Ø 2,5 mm mit VHM Bohrstangen und ab Ø 4,8 mm mit Wendeschneidplatten ausgedreht werden.

Durch das einfache Wechselsystem kann der Austausch der Bohrstanze ohne Genauigkeitsverlust in der Maschine erfolgen.



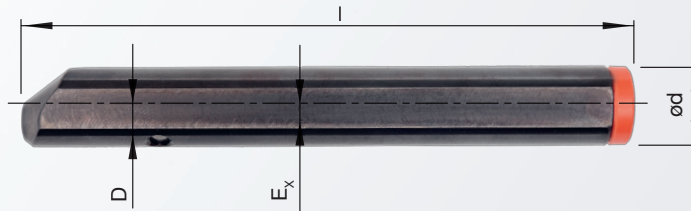


## Klemmhalter | Holders



NEU HAMS

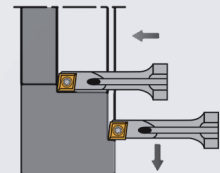
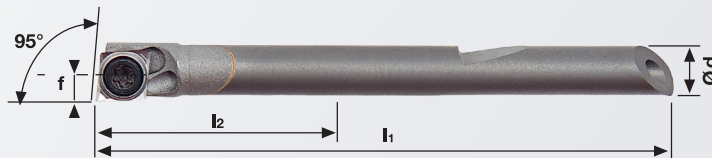
| Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |    |     |                |                |                | AS0043 | KVR16 | KP3111 | kg    | LAGER | € |
|--------------------------|--------------------------------|----------------|----|-----|----------------|----------------|----------------|--------|-------|--------|-------|-------|---|
|                          | D                              | D <sub>2</sub> | d  | l   | l <sub>1</sub> | l <sub>2</sub> | E <sub>x</sub> |        |       |        |       |       |   |
| HAMS 1604R/L             | 4                              | 12             | 16 | 120 | 95             | 25             | 2,35           |        |       |        | 0,150 | ●     |   |



NEU HAMS

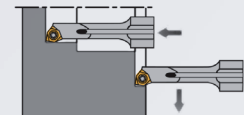
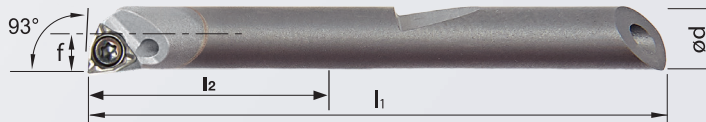
| Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |    |     |                | AS0044 | KVR16 | KP1111 | kg | LAGER | € |
|--------------------------|--------------------------------|----|-----|----------------|--------|-------|--------|----|-------|---|
|                          | D                              | d  | l   | E <sub>x</sub> |        |       |        |    |       |   |
| HAMS 1606R/L             | 6                              | 16 | 120 | 2,8            |        |       | 0,160  | ●  |       |   |
| HAMS 1608R/L             | 8                              | 16 | 120 | 2,8            |        |       | 0,160  | ●  |       |   |

## Bohrstangen für die Innenbearbeitung | Internal boring bars



NEU E-SCLDR/L

| Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |     |                  | CDGT 0401... | VT18B | BT06  | kg | LAGER | € |
|--------------------------|--------------------------------|----------------|----------------|-----|------------------|--------------|-------|-------|----|-------|---|
|                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f   | D <sub>min</sub> |              |       |       |    |       |   |
| E04 SCLDR/L 04 AMS       | 4                              | 46             | 24             | 2,4 | 4,8              |              |       | 0,015 | ●  |       |   |
| E06 SCLDR/L 04 AMS       | 6                              | 65             | 37             | 3,4 | 6,8              |              |       | 0,030 | ●  |       |   |



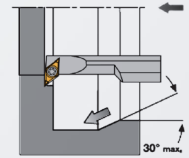
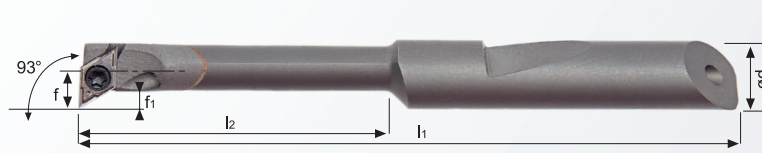
NEU E-SWUCR/L

| Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |     |                  | WCMT WCGT 0201... | VT20B | BT06  | kg | LAGER | € |
|--------------------------|--------------------------------|----------------|----------------|-----|------------------|-------------------|-------|-------|----|-------|---|
|                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f   | D <sub>min</sub> |                   |       |       |    |       |   |
| E 06 SWUCR/L 02 AMS      | 6                              | 65             | 37             | 3,9 | 7,8              |                   |       | 0,030 | ●  |       |   |

● Lieferbar ab Werk – On stock

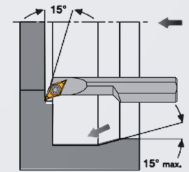
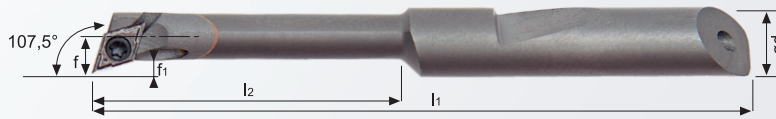
○ Auf Anfrage – On request

Zwischenverkauf vorbehalten.



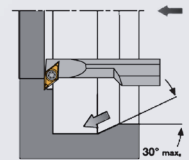
NEU E-SDUCR/L

| HARTMETALL | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |   |                | D <sub>min</sub> |              |        |      |       | LAGER | € |
|------------|--------------------------|--------------------------------|----------------|----------------|---|----------------|------------------|--------------|--------|------|-------|-------|---|
|            |                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f | f <sub>1</sub> |                  |              |        |      |       |       |   |
|            | E0406 SDUCR/L 04 AMS     | 6                              | 56             | 26             | 3 | 1,5            | 5,6              | DCGT 04TO... | VT1604 | BT05 | 0,022 | ●     |   |
|            | E0408 SDUCR/L 04 AMS     | 8                              | 57             | 26             | 3 | 1,5            | 5,6              |              |        |      | 0,022 | ●     |   |



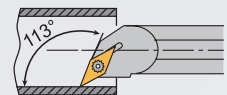
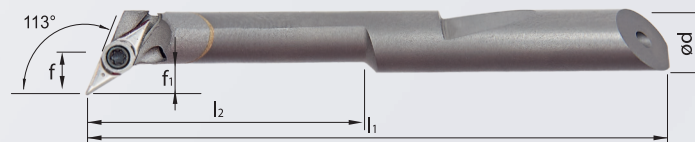
NEU E-SDQCR/L

| HARTMETALL | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |     |                | D <sub>min</sub> |              |        |      |       | LAGER | € |
|------------|--------------------------|--------------------------------|----------------|----------------|-----|----------------|------------------|--------------|--------|------|-------|-------|---|
|            |                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f   | f <sub>1</sub> |                  |              |        |      |       |       |   |
|            | E0406 SDQCR/L 04 AMS     | 6                              | 56             | 26             | 2,6 | 1,1            | 5,2              | DCGT 04TO... | VT1604 | BT05 | 0,022 | ●     |   |
|            | E0408 SDQCR/L 04 AMS     | 8                              | 57             | 26             | 2,6 | 1,1            | 5,2              |              |        |      | 0,022 | ●     |   |



NEU E-SVLCR/L

| HARTMETALL | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |   |                | D <sub>min</sub> |              |        |      |       | LAGER | € |
|------------|--------------------------|--------------------------------|----------------|----------------|---|----------------|------------------|--------------|--------|------|-------|-------|---|
|            |                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f | f <sub>1</sub> |                  |              |        |      |       |       |   |
|            | E0406 SVLCR/L 05 AMS     | 6                              | 56             | 26             | 6 | 3              | 9,2              | VCGT 0501... | VT1604 | BT05 | 0,022 | ●     |   |
|            | E0408 SVLCR/L 05 AMS     | 8                              | 57             | 26             | 5 | 3              | 9,2              |              |        |      | 0,031 | ●     |   |



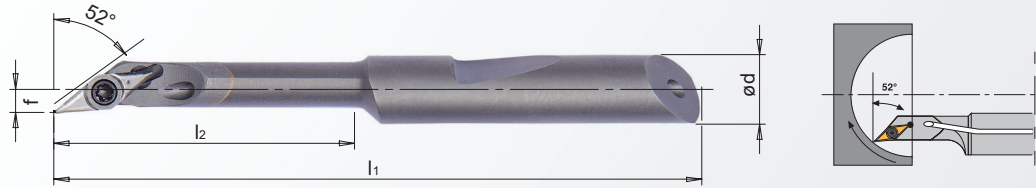
NEU E-SVXCR/L

| HARTMETALL | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |   |                | D <sub>min</sub> |              |        |      |       | LAGER | € |
|------------|--------------------------|--------------------------------|----------------|----------------|---|----------------|------------------|--------------|--------|------|-------|-------|---|
|            |                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f | f <sub>1</sub> |                  |              |        |      |       |       |   |
|            | E0406 SVXCR/L 05 AMS     | 6                              | 56             | 26             | 5 | 3              | 8,2              | VCGT 0501... | VT1604 | BT05 | 0,022 | ●     |   |
|            | E0408 SVXCR/L 05 AMS     | 8                              | 57             | 26             | 5 | 3              | 9,2              |              |        |      | 0,031 | ●     |   |

● Lieferbar ab Werk – On stock

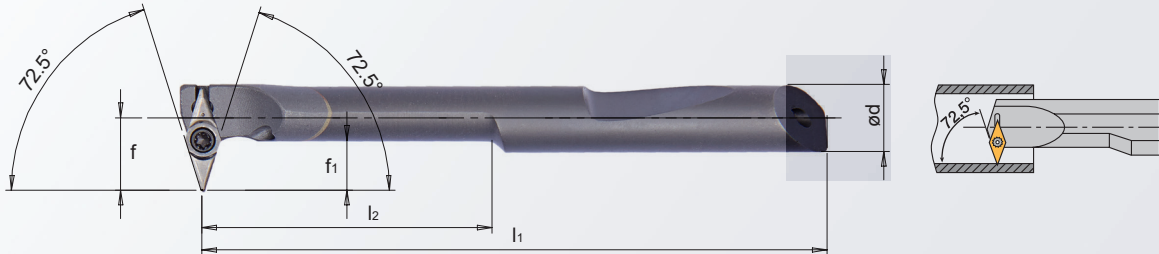
○ Auf Anfrage – On request

Zwischenverkauf vorbehalten.



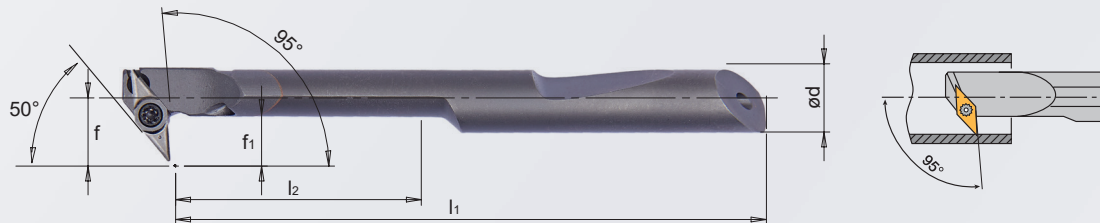
NEU E-SVJCR/L

| HARTMETALL | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |   |                  |                 |        |      |       | LAGER | € |
|------------|--------------------------|--------------------------------|----------------|----------------|---|------------------|-----------------|--------|------|-------|-------|---|
|            |                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f | D <sub>min</sub> |                 |        |      |       |       |   |
|            | E0406 SVJCR/L 05 AMS     | 6                              | 56             | 26             | 2 | 5,5              | VCVT<br>0501... | VT1604 | BT05 | 0,021 | ●     |   |
|            | E0408 SVJCR/L 05 AMS     | 8                              | 57             | 26             | 2 | 5,5              |                 |        |      | 0,028 | ●     |   |



NEU E-SVVCRL/L

| HARTMETALL | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |     |                |                  |                 |        |      |       | LAGER | € |
|------------|--------------------------|--------------------------------|----------------|----------------|-----|----------------|------------------|-----------------|--------|------|-------|-------|---|
|            |                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f   | f <sub>1</sub> | D <sub>min</sub> |                 |        |      |       |       |   |
|            | E0406 SVVCRL/L 05 AMS    | 6                              | 56             | 26             | 6,5 | 4,5            | 10,3             | VCVT<br>0501... | VT1604 | BT05 | 0,024 | ●     |   |
|            | E0408 SVVCRL/L 05 AMS    | 8                              | 57             | 26             | 5,5 | 3,5            | 10,2             |                 |        |      | 0,035 | ●     |   |



NEU E-SV95CR/L

| HARTMETALL | Bestell-Nr.<br>Order No. | Abmessungen   Dimensions (mm.) |                |                |   |                |                  |                 |        |      |       | LAGER | € |
|------------|--------------------------|--------------------------------|----------------|----------------|---|----------------|------------------|-----------------|--------|------|-------|-------|---|
|            |                          | d                              | l <sub>1</sub> | l <sub>2</sub> | f | f <sub>1</sub> | D <sub>min</sub> |                 |        |      |       |       |   |
|            | E0406 SVL95CR/L 05 AMS   | 6                              | 56             | 26             | 6 | 4,5            | 9,2              | VCVT<br>0501... | VT1604 | BT05 | 0,024 | ●     |   |
|            | E0408 SVL95CR/L 05 AMS   | 8                              | 57             | 26             | 5 | 3              | 9,2              |                 |        |      | 0,037 | ●     |   |

● Lieferbar ab Werk – On stock

○ Auf Anfrage – On request

Zwischenverkauf vorbehalten.

| Bestell-Nr.<br>Order No. | Form<br>Figure | Abmessungen<br>Dimensions |      |      |     |     | Bezeichnung<br>Designation | Unbeschichte<br>Uncoated |     |     | Beschichtet<br>Coated |      |      |            |              | CERMET |     |  |   |   |
|--------------------------|----------------|---------------------------|------|------|-----|-----|----------------------------|--------------------------|-----|-----|-----------------------|------|------|------------|--------------|--------|-----|--|---|---|
|                          |                | l                         | d    | s    | d1  | r   |                            | k15                      | P25 | P40 | P200                  | K300 | K400 | TIN<br>PVD | TIALN<br>PVD | X99    | X55 |  |   |   |
| CCGT                     |                | 3,3                       | 3,35 | 1,4  | 2,3 | 0,2 | CCGT 030102 L/R-F          |                          |     |     |                       |      |      |            |              |        |     |  |   |   |
| CDGT                     |                | 4,03                      | 3,97 | 1    | 2,1 | 0,1 | CDGT 040101 FN-ALU         | ●                        |     |     |                       |      |      |            |              |        |     |  |   |   |
|                          |                | 4,03                      | 3,97 | 1    | 2,1 | 0,2 | CDGT 040102 FN-ALU         | ●                        |     |     |                       |      |      |            |              |        |     |  |   |   |
|                          |                | 4,03                      | 3,97 | 1    | 2,1 | 0,4 | CDGT 040104 FN-ALU         | ●                        |     |     |                       |      |      |            |              |        |     |  |   |   |
|                          |                | 4,03                      | 3,97 | 1    | 2,1 | 0,2 | CDGT 040102 FN             |                          |     |     |                       |      | ●    |            |              |        |     |  |   |   |
| CPMT                     |                | 4,03                      | 3,97 | 1    | 2,1 | 0,4 | CDGT 040104 FN             |                          |     |     |                       |      | ●    |            |              |        |     |  |   |   |
|                          |                |                           |      |      |     | 0,4 | CPMT 05T104                |                          |     |     |                       | ●    |      |            |              |        |     |  |   |   |
|                          |                |                           |      |      |     | 0,2 | CPMT 05T102 EN-PM1         |                          |     |     |                       |      | ●    |            |              |        |     |  |   |   |
|                          |                | 5,6                       | 5,56 | 1,97 | 2,5 | 0,2 | CPMT 05T102 EN-PS2         |                          |     |     | ○                     |      |      |            |              |        |     |  |   |   |
| CPGT... ALU              |                | 5,6                       | 5,56 | 1,97 | 2,5 | 0,2 | CPMT 05T104 EN-PM1         |                          |     |     |                       |      |      |            |              |        |     |  |   |   |
|                          |                | 5,6                       | 5,56 | 1,97 | 2,5 | 0,4 | CPMT 05T104 EN-PS2         |                          |     |     |                       |      |      |            |              |        |     |  |   |   |
| DCGT...ALU               |                | 3,78                      | 3,1  | 1,2  | 1,7 | 0,2 | DCGT 04T002 FN-ALU         | ●                        |     |     |                       |      |      |            |              |        |     |  |   |   |
|                          |                | 3,78                      | 3,1  | 1,2  | 1,7 | 0,2 | DCGT 04T002 EN-PM1         |                          |     |     |                       |      |      |            |              |        |     |  |   |   |
| VCGT...EN-PM1            |                | 5,40                      | 3,10 | 1,59 | 1,7 | 0,1 | VCGT 050101 EN-PM1         |                          |     |     |                       |      |      |            |              |        |     |  | ○ |   |
|                          |                | 5,40                      | 3,10 | 1,59 | 1,7 | 0,2 | VCGT 050102 EN-PM1         |                          |     |     |                       |      |      |            |              |        |     |  |   | ● |
| VCMT... EN-PM1           |                | 6,92                      | 3,97 | 2,38 | 2,2 | 0,2 | VCGT 050102 EN-PM1         |                          |     |     |                       |      |      |            |              |        |     |  |   | ● |
|                          |                | 6,92                      | 3,97 | 2,38 | 2,2 | 0,4 | VCMT 070204 EN-PM1         |                          |     |     |                       |      |      |            |              |        |     |  |   |   |
| VCGT... FN-ALU           |                | 5,40                      | 3,10 | 1,59 | 1,7 | 0,2 | VCGT 050102 FN-ALU         | ●                        |     |     |                       |      |      |            |              |        |     |  |   |   |
|                          |                | 6,92                      | 3,97 | 2,38 | 2,2 | 0,1 | VCGT 070201 FN-ALU         | ●                        |     |     |                       |      |      |            |              |        |     |  |   |   |
|                          |                | 6,92                      | 3,97 | 2,38 | 2,2 | 0,2 | VCGT 070202 FN-ALU         | ●                        |     |     |                       |      |      |            |              |        |     |  |   |   |
|                          |                | 6,92                      | 3,97 | 2,38 | 2,2 | 0,4 | VCGT 070204 FN-ALU         | ●                        |     |     |                       |      |      |            |              |        |     |  |   |   |
| WCGT... ALU              |                |                           |      |      |     |     | 0,1                        | WCGT 020101 FN-ALU       | ●   |     |                       |      |      |            |              |        |     |  |   |   |
|                          |                | 2,7                       | 3,97 | 1,59 | 2,2 | 0,2 | WCGT 020102 FN-ALU         | ●                        |     |     |                       |      |      |            |              |        |     |  |   |   |
| WCMT                     |                | 2,7                       | 3,97 | 1,59 | 2,2 | 0,2 | WCMT 020102                |                          |     |     |                       |      |      |            |              |        |     |  |   | ● |
|                          |                | 2,7                       | 3,97 | 1,59 | 2,2 | 0,4 | WCMT 020104                |                          |     |     |                       |      |      |            |              |        |     |  |   |   |

● Lieferbar ab Werk – On stock

○ Auf Anfrage – On request

Zwischenverkauf vorbehalten.



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