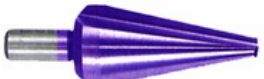
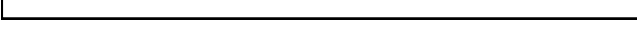


|                                                                                                                                                                                                                                                                                                                                                |                                                                  |                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                 | HSS-E-Co8-Zentrierbohrer                                         | mit Radius<br>60° / 120°                                                                                                   |
|                                                                                                                                                                               | NC-Anbohrer                                                      | <br>60° / 120°                          |
|                                                                                                                                                                               | Spiralbohrer                                                     | TIN-beschichtet<br> kurz<br>-beschichtet |
|                                                                                                                                                                                                                                                                | Spiralbohrer                                                     | rollgewalzt / profilgeschliffen                                                                                            |
|                                                                                                                                                                                                                                                                | Spiralbohrer                                                     | mit abgesetztem Schaft                                                                                                     |
|                                                                                                                                                                                                                                                                | Spiralbohrer                                                     | lang                                                                                                                       |
|                                                                                                                                                                                                                                                                | Spiralbohrer                                                     | extra lang                                                                                                                 |
|                                                                                                                                                                              | Spiralbohrer                                                     | überlang                                                                                                                   |
|                                                                                                                                                                                                                                                                | Spiralbohrer                                                     | HSS-E Co8 TIN-beschichtet                                                                                                  |
|                                                                                                                                                                                                                                                                | Spiralbohrer                                                     | HSS-E Co8  -beschichtet                 |
|                                                                                                                                                                               | Spiralbohrer                                                     | für ALU<br>für Messing                                                                                                     |
|                                                                                                                                                                               | Spiralbohrer                                                     | rollgewalzt<br>mit Morsekonus<br>profilgeschliffen                                                                         |
|                                                                                                                                                                           | Spiralbohrer                                                     | mit Morsekonus lang / überlang                                                                                             |
|                                                                                                                                                                           | HSSE-Co8 Spiralbohrer                                            | mit Morsekonus                                                                                                             |
|                                                                                                                                                                                                                                                              | Blechbohrer                                                      | einseitig<br>zweiseitig                                                                                                    |
|                                                                                                                                                                           | Bohrer                                                           |  -beschichtet                          |
|                                                                                        | HSSE-Co8 Blechschälbohrer                                        |                                       |
|                                                                                                                                                                                                                                                              | Mehrstufenaufbohrer                                              |                                       |
|                                                                                                                                                                                                                                                              | Mehrfasen-Stufenbohrer                                           | dampfbehandelt                                                                                                             |
|     | Senker<br>Handsener<br>Rohrentgrater                             | 90° / 60°                                                                                                                  |
|                                                                                                                                                                           | Kegel- und Entgratsenker<br>mit Morsekonus<br>Lang und extralang | 90°<br>90° / 60°<br>90°                                                                                                    |
|                                                                                                                                                                           | Zapfensenker<br>Zapfensenker mit Morsekonus                      |                                       |
|                                                                                                                                                                           | HSSE-Co8-Reibahlen                                               |                                       |
|                                                                                                                                                                                                                                                              | HSSE-Co8-Reibahlen-Set                                           |                                                                                                                            |
|                                                                                                                                                                                                                                                              | HSSE-Co8-Reibahlen mit MK-Schaft                                 |                                                                                                                            |
|                                                                                                                                                                                                                                                              | HSS-Hand-Reibahlen verstellbar                                   |                                                                                                                            |

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# HSS + HSS-E-Co8 - Bohrer

## Übersicht

# HSSE – Zentrierbohrer

2500

2500 B

2501

2501 B

2502

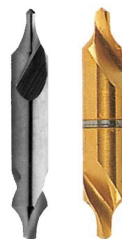
2502 B

- Zum Fertigen von Zentrierbohrungen 60° DIN 332
- Zentrierbohrer mit Radius ; dadurch entstehen keine scharfen Kanten an der Bohrung
- Zum Fertigen von Zentrierbohrungen von 60° und einer Schutzsenkung von 120°
- Mehr Leistung durch TiN oder MC3 - Beschichtung

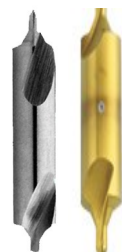
| Best.-Nr.<br>2500...<br>2500b...<br>2501...<br>2501b...<br>2502...<br>2502b... | Alu  | Alu<br>Guss<br>> 10% Si | Stahl<br>< 750N | Stahl<br>< 900N | Stahl<br>< 1400N | INOX                  | Ti<br>+ Cu              | GG<br>(G) | Uni-<br>versal | Form A<br>60°      | Form R<br>60°        | Form B<br>60°-120° | 2500 | 2500 B | 2501 | 2501 B | ØD | Länge | 2502 | 2502 B |
|--------------------------------------------------------------------------------|------|-------------------------|-----------------|-----------------|------------------|-----------------------|-------------------------|-----------|----------------|--------------------|----------------------|--------------------|------|--------|------|--------|----|-------|------|--------|
|                                                                                | Ø d  | Ø D                     | Länge           | 2500<br>60°     | 2500 B<br>60°    | 2501<br>mit<br>Radius | 2501 B<br>mit<br>Radius | ØD        | Länge          | 2502<br>60° / 120° | 2502 B<br>60° / 120° |                    |      |        |      |        |    |       |      |        |
| ..0100                                                                         | 1    | 3.15                    | 31.5            | 5.90            | 13.40            | 5.90                  | 13.40                   | 4         | 35.5           | 9.40               | 19.30                |                    |      |        |      |        |    |       |      |        |
| ..0125                                                                         | 1.25 | 3.15                    | 31.5            | 5.90            | 13.40            | 5.90                  | 13.40                   | 5         | 40             | 10.50              | 20.10                |                    |      |        |      |        |    |       |      |        |
| ..0160                                                                         | 1.6  | 4                       | 35.5            | 5.90            | 13.40            | 5.90                  | 13.40                   | 6.3       | 45             | 10.50              | 21.60                |                    |      |        |      |        |    |       |      |        |
| ..0200                                                                         | 2    | 5                       | 40              | 6.80            | 14.40            | 6.80                  | 14.30                   | 8         | 50             | 10.50              | 23.10                |                    |      |        |      |        |    |       |      |        |
| ..0250                                                                         | 2.5  | 6.3                     | 45              | 7.30            | 14.40            | 7.30                  | 14.30                   | 10        | 56             | 15.10              | 28.40                |                    |      |        |      |        |    |       |      |        |
| ..0315                                                                         | 3.15 | 8                       | 50              | 8.80            | 17.40            | 8.80                  | 17.40                   | 11.2      | 60             | 18.90              | 35.90                |                    |      |        |      |        |    |       |      |        |
| ..0400                                                                         | 4    | 10                      | 56              | 14.90           | 25.30            | 14.90                 | 25.30                   | 14        | 67             | 27.80              | 48.00                |                    |      |        |      |        |    |       |      |        |
| ..0500                                                                         | 5    | 12.5                    | 63              | 22.10           | 33.00            | 22.10                 | 32.90                   | 18        | 75             | 37.50              | 64.20                |                    |      |        |      |        |    |       |      |        |
| ..0630                                                                         | 6.3  | 16                      | 71              | 29.00           | 43.50            | 29.00                 | 43.50                   | 20        | 80             | 50.40              | 85.50                |                    |      |        |      |        |    |       |      |        |



2500  
2500 B



2501  
2501 B



2502  
2502 B

## HSSE-Co NC-Anbohrer

2505 90°

2505 B 90°

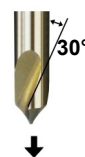
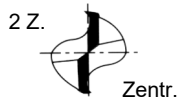
2507 120°

2507 B 120°

PLUS - FUTURE beschichtet

PLUS - FUTURE beschichtet

- Zum Zentrieren von genauen Bohrungen, zum Anbohren sowie gleichzeitigem Ansenken, wenn nachher mit kleinerem Ø gebohrt wird.
- Höchstleistung mit PLUS - FUTURE - Beschichtung.



2505 90°

2507 120°

2505 B 90°

2507 B 120°

Best.-Nr.  
2505...  
2505b...  
2507...  
2507b...

| Thermo<br>Plast.<br>Alu | Alu               | Alu<br>Guss<br>> 10% Si | Stahl<br>< 750N | Stahl<br>< 900N | Stahl<br>< 1400N | INOX   | Ti<br>+ Cu | GG<br>(G) | Uni-<br>versal | 2505<br>90° | 2505 B<br>90° | 2507<br>120° | 2507 B<br>120° |
|-------------------------|-------------------|-------------------------|-----------------|-----------------|------------------|--------|------------|-----------|----------------|-------------|---------------|--------------|----------------|
| Ø e <sub>8</sub>        | Schneid-<br>länge | Gesamt-<br>länge        | 2505            | 2505 B          | 2507             | 2507 B |            |           |                |             |               |              |                |
| ..0300                  | 3                 | 12                      | 46              | 9.20            | 18.00            | 13.50  | 25.50      |           |                |             |               |              |                |
| ..0400                  | 4                 | 12                      | 55              | 10.60           | 19.50            | 15.10  | 27.10      |           |                |             |               |              |                |
| ..0500                  | 5                 | 15                      | 60              | 11.30           | 20.40            | 15.70  | 27.80      |           |                |             |               |              |                |
| ..0600                  | 6                 | 20                      | 66              | 12.10           | 21.00            | 16.50  | 28.50      |           |                |             |               |              |                |
| ..0800                  | 8                 | 25                      | 79              | 12.80           | 27.10            | 20.20  | 37.50      |           |                |             |               |              |                |
| ..1000                  | 10                | 25                      | 89              | 16.50           | 33.00            | 24.00  | 43.60      |           |                |             |               |              |                |
| ..1200                  | 12                | 30                      | 102             | 21.00           | 43.60            | 28.50  | 54.00      |           |                |             |               |              |                |
| ..1400                  | 14                | 34                      | 107             | 34.70           | 63.00            | 42.00  | 73.60      |           |                |             |               |              |                |
| ..1600                  | 16                | 35                      | 115             | 36.10           | 67.50            | 48.10  | 82.60      |           |                |             |               |              |                |
| ..2000                  | 20                | 40                      | 131             | 63.00           | 102.20           | 75.10  | 117.20     |           |                |             |               |              |                |

# HSS Spiralbohrer

Speziell für INOX



Art.-Nr. 2540 B TIN



Art.-Nr. 2545 B MC3

| Ø mm | Spiral-<br>länge | Gesamt-<br>länge | 2540 B<br>TIN | 2545 B<br>MC 3 | Ø mm  | Spiral-<br>länge | Gesamt-<br>länge | 2540 B<br>TIN | 2545 B<br>MC 3 | Ø mm  | Spiral-<br>länge | Gesamt-<br>länge | 2540 B<br>TIN | 2545 B<br>MC 3 |
|------|------------------|------------------|---------------|----------------|-------|------------------|------------------|---------------|----------------|-------|------------------|------------------|---------------|----------------|
| 2    | 12               | 38               | 3.10          | 3.90           | 7     | 34               | 74               | 8.40          | 10.30          | 12    | 51               | 102              | 25.70         | 29.20          |
| 2.1  | 12               | 38               | 3.20          | 4.30           | 7.1   | 34               | 74               | 10.80         | 12.50          | 12.1  | 51               | 102              | 24.50         | 28.20          |
| 2.2  | 13               | 40               | 3.60          | 4.80           | 7.2   | 34               | 74               | 10.80         | 12.50          | 12.2  | 51               | 102              | 24.50         | 28.20          |
| 2.25 | 13               | 40               | 3.60          | 4.80           | 7.25  | 34               | 74               | 8.00          | 9.90           | 12.25 | 51               | 102              | 26.60         | 30.50          |
| 2.3  | 13               | 40               | 3.90          | 5.10           | 7.3   | 34               | 74               | 10.80         | 12.50          | 12.3  | 51               | 102              | 26.50         | 30.40          |
| 2.4  | 14               | 43               | 4.10          | 5.30           | 7.4   | 34               | 74               | 10.80         | 12.50          | 12.4  | 51               | 102              | 26.50         | 30.40          |
| 2.5  | 14               | 43               | 3.50          | 4.50           | 7.5   | 34               | 74               | 8.00          | 9.90           | 12.5  | 51               | 102              | 26.60         | 30.50          |
| 2.6  | 14               | 43               | 3.60          | 4.60           | 7.6   | 37               | 79               | 13.30         | 15.50          | 12.6  | 51               | 102              | 25.60         | 29.30          |
| 2.7  | 16               | 46               | 3.60          | 4.60           | 7.7   | 37               | 79               | 13.30         | 15.50          | 12.7  | 51               | 102              | 25.60         | 29.30          |
| 2.75 | 16               | 46               | 3.60          | 4.60           | 7.75  | 37               | 79               | 9.20          | 11.60          | 12.75 | 51               | 102              | 26.60         | 30.50          |
| 2.8  | 16               | 46               | 3.60          | 4.60           | 7.8   | 37               | 79               | 13.30         | 15.50          | 12.8  | 51               | 102              | 27.50         | 31.50          |
| 2.9  | 16               | 46               | 3.60          | 4.60           | 7.9   | 37               | 79               | 13.30         | 15.50          | 12.9  | 51               | 102              | 27.50         | 31.50          |
| 3    | 16               | 46               | 3.40          | 4.40           | 8     | 37               | 79               | 9.20          | 11.60          | 13    | 51               | 102              | 26.60         | 30.50          |
| 3.1  | 18               | 49               | 3.40          | 4.50           | 8.1   | 37               | 79               | 14.20         | 16.80          | 13.5  | 54               | 107              | 30.00         | 33.90          |
| 3.2  | 18               | 49               | 3.70          | 5.00           | 8.2   | 37               | 79               | 14.20         | 16.80          | 14    | 54               | 107              | 30.00         | 33.90          |
| 3.25 | 18               | 49               | 3.60          | 4.60           | 8.25  | 37               | 79               | 12.20         | 15.00          | 14.5  | 56               | 111              | 29.80         | 36.20          |
| 3.3  | 18               | 49               | 3.60          | 4.60           | 8.3   | 37               | 79               | 14.20         | 16.80          | 15    | 56               | 111              | 29.80         | 36.20          |
| 3.4  | 20               | 52               | 3.90          | 5.00           | 8.4   | 37               | 79               | 14.20         | 16.80          | 15.5  | 58               | 115              | 39.10         | 43.00          |
| 3.5  | 20               | 52               | 3.70          | 4.80           | 8.5   | 37               | 79               | 12.20         | 15.00          | 16    | 58               | 115              | 39.10         | 43.00          |
| 3.6  | 20               | 52               | 4.20          | 5.40           | 8.6   | 40               | 84               | 14.50         | 17.20          |       |                  |                  |               |                |
| 3.7  | 20               | 52               | 4.20          | 5.40           | 8.7   | 40               | 84               | 14.50         | 17.20          |       |                  |                  |               |                |
| 3.75 | 20               | 52               | 4.20          | 5.40           | 8.75  | 40               | 84               | 12.20         | 15.00          |       |                  |                  |               |                |
| 3.8  | 22               | 55               | 4.20          | 5.40           | 8.8   | 40               | 84               | 14.50         | 17.20          |       |                  |                  |               |                |
| 3.9  | 22               | 55               | 4.60          | 6.10           | 8.9   | 40               | 84               | 14.50         | 17.20          |       |                  |                  |               |                |
| 4    | 22               | 55               | 4.20          | 5.40           | 9     | 40               | 84               | 12.20         | 15.00          |       |                  |                  |               |                |
| 4.1  | 22               | 55               | 5.00          | 6.70           | 9.1   | 40               | 84               | 17.80         | 20.60          |       |                  |                  |               |                |
| 4.2  | 22               | 55               | 5.00          | 6.70           | 9.2   | 40               | 84               | 17.80         | 20.60          |       |                  |                  |               |                |
| 4.25 | 22               | 55               | 4.60          | 6.20           | 9.25  | 40               | 84               | 16.40         | 19.10          |       |                  |                  |               |                |
| 4.3  | 24               | 58               | 5.70          | 7.40           | 9.3   | 40               | 84               | 17.80         | 20.60          |       |                  |                  |               |                |
| 4.4  | 24               | 58               | 5.70          | 7.40           | 9.4   | 40               | 84               | 17.80         | 20.60          |       |                  |                  |               |                |
| 4.5  | 24               | 58               | 4.60          | 6.20           | 9.5   | 40               | 84               | 16.40         | 19.10          |       |                  |                  |               |                |
| 4.6  | 24               | 58               | 5.70          | 7.40           | 9.6   | 43               | 89               | 20.70         | 23.30          |       |                  |                  |               |                |
| 4.7  | 24               | 58               | 5.70          | 7.40           | 9.7   | 43               | 89               | 20.70         | 23.30          |       |                  |                  |               |                |
| 4.75 | 24               | 58               | 5.10          | 6.60           | 9.75  | 43               | 89               | 18.50         | 21.20          |       |                  |                  |               |                |
| 4.8  | 26               | 62               | 6.20          | 7.60           | 9.8   | 43               | 89               | 20.70         | 23.30          |       |                  |                  |               |                |
| 4.9  | 26               | 62               | 6.20          | 7.60           | 9.9   | 43               | 89               | 20.70         | 23.30          |       |                  |                  |               |                |
| 5    | 26               | 62               | 5.10          | 6.60           | 10    | 43               | 89               | 14.00         | 16.70          |       |                  |                  |               |                |
| 5.1  | 26               | 62               | 6.60          | 8.30           | 10.1  | 43               | 89               | 20.50         | 23.20          |       |                  |                  |               |                |
| 5.2  | 26               | 62               | 6.60          | 8.30           | 10.2  | 43               | 89               | 20.50         | 23.20          |       |                  |                  |               |                |
| 5.25 | 26               | 62               | 5.70          | 7.30           | 10.25 | 43               | 89               | 20.20         | 23.10          |       |                  |                  |               |                |
| 5.3  | 26               | 62               | 6.60          | 8.30           | 10.3  | 43               | 89               | 23.30         | 26.40          |       |                  |                  |               |                |
| 5.4  | 28               | 66               | 7.60          | 9.10           | 10.4  | 43               | 89               | 23.30         | 26.40          |       |                  |                  |               |                |
| 5.5  | 28               | 66               | 5.70          | 7.30           | 10.5  | 43               | 89               | 20.20         | 23.10          |       |                  |                  |               |                |
| 5.6  | 28               | 66               | 7.60          | 9.10           | 10.6  | 43               | 89               | 24.40         | 27.60          |       |                  |                  |               |                |
| 5.7  | 28               | 66               | 7.60          | 9.10           | 10.7  | 47               | 95               | 24.40         | 27.60          |       |                  |                  |               |                |
| 5.75 | 28               | 66               | 5.70          | 7.40           | 10.75 | 47               | 95               | 20.20         | 22.90          |       |                  |                  |               |                |
| 5.8  | 28               | 66               | 7.60          | 9.10           | 10.8  | 47               | 95               | 22.90         | 26.10          |       |                  |                  |               |                |
| 5.9  | 28               | 66               | 7.60          | 9.10           | 10.9  | 47               | 95               | 22.90         | 26.10          |       |                  |                  |               |                |
| 6    | 28               | 66               | 5.70          | 7.40           | 11    | 47               | 95               | 20.20         | 22.90          |       |                  |                  |               |                |
| 6.1  | 31               | 70               | 8.10          | 9.90           | 11.1  | 47               | 95               | 24.50         | 25.40          |       |                  |                  |               |                |
| 6.2  | 31               | 70               | 8.10          | 9.90           | 11.2  | 47               | 95               | 24.50         | 25.40          |       |                  |                  |               |                |
| 6.25 | 31               | 70               | 6.80          | 8.70           | 11.25 | 47               | 95               | 20.90         | 23.70          |       |                  |                  |               |                |
| 6.3  | 31               | 70               | 8.10          | 9.90           | 11.3  | 47               | 95               | 22.60         | 25.40          |       |                  |                  |               |                |
| 6.4  | 31               | 70               | 8.10          | 10.10          | 11.4  | 47               | 95               | 22.60         | 25.40          |       |                  |                  |               |                |
| 6.5  | 31               | 70               | 6.90          | 8.80           | 11.5  | 47               | 95               | 20.90         | 23.70          |       |                  |                  |               |                |
| 6.6  | 31               | 70               | 8.10          | 10.10          | 11.6  | 47               | 95               | 23.00         | 25.60          |       |                  |                  |               |                |
| 6.7  | 34               | 70               | 8.10          | 10.10          | 11.7  | 47               | 95               | 23.00         | 25.60          |       |                  |                  |               |                |
| 6.75 | 34               | 74               | 7.90          | 9.80           | 11.75 | 47               | 95               | 24.60         | 27.40          |       |                  |                  |               |                |
| 6.8  | 34               | 74               | 9.20          | 11.00          | 11.8  | 47               | 95               | 25.30         | 28.80          |       |                  |                  |               |                |
| 6.9  | 34               | 74               | 9.20          | 11.00          | 11.9  | 51               | 102              | 25.30         | 28.80          |       |                  |                  |               |                |

## MC3 Kassette 2546B

Ø 2.0 – 10.0 (steigend 0.5)

17 Stk

CHF 139.--



## MC3 Bohrerstände 2547B

Ø 2.0 – 13.0 (steigend 0.5)

23 Stk

CHF 292.60



## MC3 Bohrerstände 2542B

Ø 2.0 – 13.0 (steigend 0.5)

23 Stk

CHF 247.50



## TIN Kassette 2541B

Ø 2.0 – 10.0 (steigend 0.5)

17 Stk

CHF 126.50

Verpackungseinheit: Ø 1,00 – 6,00 mm 10 Stück / Ø 6,10 – 13,00 mm 5 Stück / Ø 13,25 – 20,00 mm 1 Stück



# HSSE-Co8-Spiralbohrer kurz



Art.-Nr. 2515

Mit Kreuzanschliff und spez. Ausspitzung. HSSE-Co

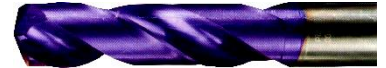
Art.-Nr. 2520B

Mit Kreuzanschliff und spez. Ausspitzung. HSSE-Co-TIN beschichtet.



Art.-Nr. 2530B

Extra kurzer Bohrer, MC3 beschichtet, für mehr Leistung bei legierten Stählen.



| Ø mm | Spiral-länge | Gesamt-länge | 2515  | 2520B | 2530B | Ø mm  | Spiral-länge | Gesamt-länge | 2515  | 2520B | 2530B | Ø mm  | Spiral-länge | Gesamt-länge | 2515  | 2520B | 2530B |
|------|--------------|--------------|-------|-------|-------|-------|--------------|--------------|-------|-------|-------|-------|--------------|--------------|-------|-------|-------|
| 1    | 6            | 26           | 3.90  | 4.30  | 5.10  | 7     | 34           | 74           | 7.90  | 9.80  | 11.70 | 17.5  | 62           | 123          | 64.80 | 59.30 | 59.30 |
| 1.1  | 7            | 28           | 3.90  | 4.30  | 5.10  | 7.1   | 34           | 74           | 12.50 | 13.30 | 15.20 | 17.75 | 62           | 123          | 64.80 | 59.30 | 59.30 |
| 1.2  | 8            | 30           | 3.90  | 4.30  | 5.10  | 7.2   | 34           | 74           | 12.50 | 13.30 | 15.20 | 18    | 62           | 123          | 62.30 | 57.20 | 57.30 |
| 1.3  | 8            | 30           | 3.90  | 4.30  | 5.10  | 7.3   | 34           | 74           | 12.50 | 13.30 | 15.20 | 18.25 | 64           | 127          | 71.00 | 65.70 | 66.20 |
| 1.4  | 9            | 32           | 3.90  | 4.30  | 5.10  | 7.4   | 34           | 74           | 12.50 | 13.30 | 15.20 | 18.5  | 64           | 127          | 71.00 | 65.70 | 66.20 |
| 1.5  | 9            | 32           | 3.10  | 3.70  | 4.50  | 7.5   | 34           | 74           | 8.60  | 10.20 | 12.10 | 18.75 | 64           | 127          | 71.00 | 65.70 | 66.20 |
| 1.6  | 10           | 34           | 3.40  | 4.00  | 4.80  | 7.6   | 37           | 79           | 15.30 | 15.50 | 17.40 | 19    | 64           | 127          | 69.00 | 64.20 | 64.80 |
| 1.7  | 10           | 34           | 3.40  | 4.00  | 4.80  | 7.7   | 37           | 79           | 15.30 | 15.50 | 17.40 | 19.25 | 66           | 131          | 78.70 | 71.80 | 72.10 |
| 1.8  | 11           | 36           | 3.40  | 4.00  | 4.80  | 7.8   | 37           | 79           | 15.30 | 15.50 | 17.40 | 19.5  | 66           | 131          | 78.70 | 71.80 | 72.10 |
| 1.9  | 11           | 36           | 3.40  | 4.00  | 4.80  | 7.9   | 37           | 79           | 15.30 | 15.50 | 17.40 | 19.75 | 66           | 131          | 78.70 | 71.80 | 72.10 |
| 2    | 12           | 38           | 2.40  | 3.10  | 3.90  | 8     | 37           | 79           | 9.40  | 11.20 | 12.90 | 20    | 66           | 131          | 72.50 | 67.30 | 67.40 |
| 2.1  | 12           | 38           | 2.60  | 3.60  | 4.40  | 8.1   | 37           | 79           | 15.40 | 16.50 | 17.80 |       |              |              |       |       |       |
| 2.2  | 13           | 40           | 2.60  | 3.60  | 4.40  | 8.2   | 37           | 79           | 15.70 | 16.50 | 17.80 |       |              |              |       |       |       |
| 2.3  | 13           | 40           | 3.00  | 3.90  | 4.70  | 8.3   | 37           | 79           | 15.70 | 16.50 | 17.80 |       |              |              |       |       |       |
| 2.4  | 14           | 43           | 3.10  | 4.10  | 4.80  | 8.4   | 37           | 79           | 15.70 | 16.50 | 17.80 |       |              |              |       |       |       |
| 2.5  | 14           | 43           | 3.00  | 3.90  | 4.60  | 8.5   | 37           | 79           | 12.90 | 14.20 | 15.60 |       |              |              |       |       |       |
| 2.6  | 14           | 43           | 3.10  | 4.10  | 4.80  | 8.6   | 40           | 84           | 16.30 | 17.40 | 19.10 |       |              |              |       |       |       |
| 2.7  | 16           | 46           | 3.10  | 4.10  | 4.80  | 8.7   | 40           | 84           | 16.30 | 17.40 | 19.10 |       |              |              |       |       |       |
| 2.8  | 16           | 46           | 3.10  | 4.10  | 4.80  | 8.8   | 40           | 84           | 16.30 | 17.40 | 19.10 |       |              |              |       |       |       |
| 2.9  | 16           | 46           | 3.10  | 4.10  | 4.80  | 8.9   | 40           | 84           | 16.30 | 17.40 | 19.10 |       |              |              |       |       |       |
| 3    | 16           | 46           | 2.90  | 3.90  | 4.60  | 9     | 40           | 84           | 12.90 | 14.50 | 16.50 |       |              |              |       |       |       |
| 3.1  | 18           | 49           | 3.00  | 3.90  | 4.70  | 9.1   | 40           | 84           | 21.30 | 21.60 | 23.10 |       |              |              |       |       |       |
| 3.2  | 18           | 49           | 3.10  | 3.50  | 4.60  | 9.2   | 40           | 84           | 21.30 | 21.60 | 23.10 |       |              |              |       |       |       |
| 3.3  | 18           | 49           | 3.00  | 3.90  | 4.70  | 9.3   | 40           | 84           | 21.30 | 21.60 | 23.10 |       |              |              |       |       |       |
| 3.4  | 20           | 52           | 3.40  | 4.40  | 5.40  | 9.4   | 40           | 84           | 21.30 | 21.60 | 23.10 |       |              |              |       |       |       |
| 3.5  | 20           | 52           | 3.20  | 4.20  | 5.30  | 9.5   | 40           | 84           | 19.00 | 19.60 | 21.20 |       |              |              |       |       |       |
| 3.6  | 20           | 52           | 3.90  | 4.40  | 5.40  | 9.6   | 43           | 89           | 25.40 | 25.10 | 26.30 |       |              |              |       |       |       |
| 3.7  | 20           | 52           | 3.90  | 4.40  | 5.40  | 9.7   | 43           | 89           | 25.40 | 25.10 | 26.30 |       |              |              |       |       |       |
| 3.8  | 22           | 55           | 3.90  | 4.40  | 5.40  | 9.8   | 43           | 89           | 25.40 | 25.10 | 26.30 |       |              |              |       |       |       |
| 3.9  | 22           | 55           | 3.90  | 4.40  | 5.40  | 9.9   | 43           | 89           | 25.40 | 25.10 | 26.30 |       |              |              |       |       |       |
| 4    | 22           | 55           | 3.90  | 4.40  | 5.40  | 10    | 43           | 89           | 15.60 | 16.70 | 18.50 |       |              |              |       |       |       |
| 4.1  | 22           | 55           | 3.90  | 5.10  | 6.30  | 10.25 | 43           | 89           | 24.80 | 24.60 | 26.20 |       |              |              |       |       |       |
| 4.2  | 22           | 55           | 3.90  | 5.10  | 6.30  | 10.5  | 43           | 89           | 24.80 | 24.60 | 26.20 |       |              |              |       |       |       |
| 4.3  | 24           | 58           | 5.70  | 6.80  | 8.00  | 10.75 | 47           | 95           | 24.80 | 24.60 | 27.00 |       |              |              |       |       |       |
| 4.4  | 24           | 58           | 5.70  | 6.80  | 8.00  | 11    | 47           | 95           | 24.80 | 24.60 | 27.00 |       |              |              |       |       |       |
| 4.5  | 24           | 58           | 3.90  | 5.40  | 6.70  | 11.25 | 47           | 95           | 25.90 | 26.00 | 27.70 |       |              |              |       |       |       |
| 4.6  | 24           | 58           | 5.70  | 6.80  | 8.00  | 11.5  | 47           | 95           | 25.90 | 26.00 | 27.70 |       |              |              |       |       |       |
| 4.7  | 24           | 58           | 5.70  | 6.80  | 8.00  | 11.75 | 47           | 95           | 31.40 | 30.70 | 32.10 |       |              |              |       |       |       |
| 4.8  | 26           | 62           | 6.20  | 7.30  | 8.50  | 12    | 51           | 102          | 31.40 | 31.10 | 33.00 |       |              |              |       |       |       |
| 4.9  | 26           | 62           | 6.20  | 7.30  | 8.50  | 12.25 | 51           | 102          | 32.10 | 31.70 | 33.00 |       |              |              |       |       |       |
| 5    | 26           | 62           | 4.60  | 6.10  | 7.30  | 12.5  | 51           | 102          | 32.10 | 31.70 | 33.00 |       |              |              |       |       |       |
| 5.1  | 26           | 62           | 6.20  | 6.80  | 8.50  | 12.75 | 51           | 102          | 32.10 | 31.70 | 33.40 |       |              |              |       |       |       |
| 5.2  | 26           | 62           | 6.20  | 6.80  | 8.50  | 13    | 51           | 102          | 32.10 | 31.70 | 33.40 |       |              |              |       |       |       |
| 5.3  | 26           | 62           | 6.20  | 6.80  | 8.50  | 13.25 | 54           | 107          | 38.70 | 35.90 | 36.70 |       |              |              |       |       |       |
| 5.4  | 28           | 66           | 8.40  | 8.80  | 10.90 | 13.5  | 54           | 107          | 37.00 | 35.90 | 36.70 |       |              |              |       |       |       |
| 5.5  | 28           | 66           | 5.60  | 6.80  | 8.70  | 13.75 | 54           | 107          | 37.00 | 35.90 | 36.70 |       |              |              |       |       |       |
| 5.6  | 28           | 66           | 8.40  | 8.80  | 10.90 | 14    | 54           | 107          | 37.00 | 35.90 | 36.70 |       |              |              |       |       |       |
| 5.7  | 28           | 66           | 8.40  | 8.80  | 10.90 | 14.25 | 56           | 111          | 42.40 | 39.40 | 40.40 |       |              |              |       |       |       |
| 5.8  | 28           | 66           | 8.40  | 8.80  | 10.90 | 14.5  | 56           | 111          | 40.50 | 39.40 | 40.40 |       |              |              |       |       |       |
| 5.9  | 28           | 66           | 8.40  | 8.80  | 10.90 | 14.75 | 56           | 111          | 40.50 | 39.40 | 40.40 |       |              |              |       |       |       |
| 6    | 28           | 66           | 5.70  | 6.80  | 8.70  | 15    | 56           | 111          | 40.50 | 42.70 | 40.40 |       |              |              |       |       |       |
| 6.1  | 31           | 70           | 8.70  | 9.80  | 12.20 | 15.25 | 58           | 115          | 52.60 | 46.30 | 46.80 |       |              |              |       |       |       |
| 6.2  | 31           | 70           | 8.70  | 9.80  | 12.20 | 15.5  | 58           | 115          | 50.20 | 46.30 | 46.80 |       |              |              |       |       |       |
| 6.3  | 31           | 70           | 8.70  | 9.80  | 12.20 | 15.75 | 58           | 115          | 52.60 | 46.30 | 46.80 |       |              |              |       |       |       |
| 6.4  | 31           | 70           | 8.90  | 10.00 | 12.20 | 16    | 58           | 115          | 50.20 | 46.30 | 46.80 |       |              |              |       |       |       |
| 6.5  | 31           | 70           | 6.50  | 8.10  | 10.50 | 16.25 | 60           | 119          | 58.00 | 53.20 | 53.50 |       |              |              |       |       |       |
| 6.6  | 31           | 70           | 8.90  | 10.00 | 12.40 | 16.5  | 60           | 119          | 58.00 | 53.20 | 53.50 |       |              |              |       |       |       |
| 6.7  | 31           | 70           | 8.90  | 10.00 | 12.40 | 16.75 | 60           | 119          | 58.00 | 53.20 | 53.50 |       |              |              |       |       |       |
| 6.8  | 34           | 74           | 10.20 | 11.00 | 13.50 | 17    | 60           | 119          | 57.10 | 52.60 | 52.80 |       |              |              |       |       |       |
| 6.9  | 34           | 74           | 10.20 | 11.00 | 13.50 | 17.25 | 62           | 123          | 64.80 | 59.30 | 59.30 |       |              |              |       |       |       |

## Bohrer-Kassetten

MC3 beschichtet

Art.-Nr. 2531  
2532  
2533  
2534



TIN beschichtet

Art.-Nr. 2521  
2522  
2523  
2524



Art.-Nr. 2511  
2512  
2513  
2514



| HSS-dampfbehandelt<br>HSSE-Co8 MC3+TIN |        | Steig-<br>gend | Stk. | FR     |
|----------------------------------------|--------|----------------|------|--------|
| Art.-Nr. 2511                          | Ø1-10  | 0.5            | 19   | 75.90  |
| Art.-Nr. 2521                          | Ø1-10  | 0.5            | 19   | 177.10 |
| Art.-Nr. 2531                          | Ø1-10  | 0.5            | 19   | 205.70 |
| Art.-Nr. 2512                          | Ø1-13  | 0.5            | 25   | 144.10 |
| Art.-Nr. 2522                          | Ø1-13  | 0.5            | 25   | 339.90 |
| Art.-Nr. 2532                          | Ø1-13  | 0.5            | 25   | 386.10 |
| Art.-Nr. 2513                          | Ø1-5.9 | 0.1            | 50   | 104.50 |
| Art.-Nr. 2523                          | Ø1-5.9 | 0.1            | 50   | 275.00 |
| Art.-Nr. 2533                          | Ø1-5.9 | 0.1            | 50   | 335.50 |
| Art.-Nr. 2514                          | Ø6-10  | 0.1            | 41   | 262.90 |
| Art.-Nr. 2524                          | Ø6-10  | 0.1            | 41   | 633.60 |
| Art.-Nr. 2534                          | Ø6-10  | 0.1            | 41   | 724.90 |

Verpackungseinheit: Ø 1,00 – 6,00 mm 10 Stück / Ø 6,10 – 13,00 mm 5 Stück / Ø 13,25 – 20,00 mm 1 Stück

# HSS-Spezialbohrer kurz

## Art.-Nr.- 2510

| Ø mm | Spiral-länge | Gesamt-länge | 2510 | Ø mm  | Spiral-länge | Gesamt-länge | 2510  | Ø mm                                                                                                                                                                                                                                                                                             | Spiral-länge | Gesamt-länge | 2510  |
|------|--------------|--------------|------|-------|--------------|--------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|-------|
| 1    | 6            | 26           | 1.80 | 7     | 34           | 74           | 3.10  | 17.5                                                                                                                                                                                                                                                                                             | 62           | 123          | 42.20 |
| 1.1  | 7            | 28           | 2.00 | 7.1   | 34           | 74           | 5.30  | 17.75                                                                                                                                                                                                                                                                                            | 62           | 123          | 42.20 |
| 1.2  | 8            | 30           | 2.00 | 7.2   | 34           | 74           | 5.30  | 18                                                                                                                                                                                                                                                                                               | 62           | 123          | 42.20 |
| 1.3  | 8            | 30           | 2.00 | 7.3   | 34           | 74           | 5.30  | 18.25                                                                                                                                                                                                                                                                                            | 64           | 127          | 46.20 |
| 1.4  | 9            | 32           | 2.00 | 7.4   | 34           | 74           | 5.30  | 18.5                                                                                                                                                                                                                                                                                             | 64           | 127          | 46.20 |
| 1.5  | 9            | 32           | 1.50 | 7.5   | 34           | 74           | 3.60  | 18.75                                                                                                                                                                                                                                                                                            | 64           | 127          | 46.20 |
| 1.6  | 10           | 34           | 1.80 | 7.6   | 37           | 79           | 6.40  | 19                                                                                                                                                                                                                                                                                               | 64           | 127          | 46.20 |
| 1.7  | 10           | 34           | 1.80 | 7.7   | 37           | 79           | 6.40  | 19.25                                                                                                                                                                                                                                                                                            | 66           | 131          | 51.30 |
| 1.8  | 11           | 36           | 1.80 | 7.8   | 37           | 79           | 6.40  | 19.5                                                                                                                                                                                                                                                                                             | 66           | 131          | 51.30 |
| 1.9  | 11           | 36           | 1.80 | 7.9   | 37           | 79           | 6.40  | 19.75                                                                                                                                                                                                                                                                                            | 66           | 131          | 51.30 |
| 2    | 12           | 38           | 1.20 | 8     | 37           | 79           | 3.90  | 20                                                                                                                                                                                                                                                                                               | 66           | 131          | 51.30 |
| 2.1  | 12           | 38           | 1.10 | 8.1   | 37           | 79           | 7.20  |  <p>Preisgünstige, dampfbehandelte, kurze Bohrer für universellen Einsatz.</p> <p><b>Verpackungseinheit:</b><br/> Ø 1,00 – 6,00 mm 10 Stück<br/> Ø 6,10 – 13,00 mm 5 Stück<br/> Ø 13,25 – 20,00 mm 1 Stück</p> |              |              |       |
| 2.2  | 13           | 40           | 1.10 | 8.2   | 37           | 79           | 7.20  |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 2.3  | 13           | 40           | 1.10 | 8.3   | 37           | 79           | 7.20  |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 2.4  | 14           | 43           | 1.10 | 8.4   | 37           | 79           | 7.20  |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 2.5  | 14           | 43           | 1.10 | 8.5   | 37           | 79           | 5.30  |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 2.6  | 14           | 43           | 1.10 | 8.6   | 40           | 84           | 7.40  |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 2.7  | 16           | 46           | 1.10 | 8.7   | 40           | 84           | 7.40  |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 2.8  | 16           | 46           | 1.10 | 8.8   | 40           | 84           | 7.40  |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 2.9  | 16           | 46           | 1.10 | 8.9   | 40           | 84           | 7.40  |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 3    | 16           | 46           | 1.10 | 9     | 40           | 84           | 5.30  |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 3.1  | 18           | 49           | 1.20 | 9.1   | 40           | 84           | 9.90  |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 3.2  | 18           | 49           | 1.20 | 9.2   | 40           | 84           | 9.90  |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 3.3  | 18           | 49           | 1.30 | 9.3   | 40           | 84           | 9.90  |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 3.4  | 20           | 52           | 1.30 | 9.4   | 40           | 84           | 9.90  |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 3.5  | 20           | 52           | 1.40 | 9.5   | 40           | 84           | 7.90  |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 3.6  | 20           | 52           | 1.40 | 9.6   | 43           | 89           | 12.40 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 3.7  | 20           | 52           | 1.40 | 9.7   | 43           | 89           | 12.40 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 3.8  | 22           | 55           | 1.40 | 9.8   | 43           | 89           | 12.40 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 3.9  | 22           | 55           | 1.40 | 9.9   | 43           | 89           | 12.40 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 4    | 22           | 55           | 1.40 | 10    | 43           | 89           | 6.30  |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 4.1  | 22           | 55           | 1.40 | 10.25 | 43           | 89           | 10.30 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 4.2  | 22           | 55           | 1.40 | 10.5  | 43           | 89           | 10.30 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 4.3  | 24           | 58           | 1.70 | 10.75 | 47           | 95           | 10.30 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 4.4  | 24           | 58           | 1.70 | 11    | 47           | 95           | 10.30 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 4.5  | 24           | 58           | 1.70 | 11.25 | 47           | 95           | 10.30 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 4.6  | 24           | 58           | 1.90 | 11.5  | 47           | 95           | 10.30 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 4.7  | 24           | 58           | 1.90 | 11.75 | 47           | 95           | 14.00 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 4.8  | 26           | 62           | 1.90 | 12    | 51           | 102          | 14.00 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 4.9  | 26           | 62           | 1.90 | 12.25 | 51           | 102          | 14.30 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 5    | 26           | 62           | 1.90 | 12.5  | 51           | 102          | 14.30 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 5.1  | 26           | 62           | 2.50 | 12.75 | 51           | 102          | 14.30 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 5.2  | 26           | 62           | 2.50 | 13    | 51           | 102          | 14.30 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 5.3  | 26           | 62           | 2.50 | 13.25 | 54           | 107          | 24.80 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 5.4  | 28           | 66           | 2.60 | 13.5  | 54           | 107          | 24.80 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 5.5  | 28           | 66           | 2.60 | 13.75 | 54           | 107          | 24.80 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 5.6  | 28           | 66           | 2.60 | 14    | 54           | 107          | 24.80 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 5.7  | 28           | 66           | 2.60 | 14.25 | 56           | 111          | 27.20 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 5.8  | 28           | 66           | 2.60 | 14.5  | 56           | 111          | 27.20 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 5.9  | 28           | 66           | 2.60 | 14.75 | 56           | 111          | 27.20 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 6    | 28           | 66           | 2.60 | 15    | 56           | 111          | 27.20 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 6.1  | 31           | 70           | 3.00 | 15.25 | 58           | 115          | 32.80 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 6.2  | 31           | 70           | 3.00 | 15.5  | 58           | 115          | 32.80 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 6.3  | 31           | 70           | 3.00 | 15.75 | 58           | 115          | 32.80 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 6.4  | 31           | 70           | 3.00 | 16    | 58           | 115          | 32.80 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 6.5  | 31           | 70           | 3.00 | 16.25 | 60           | 119          | 37.80 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 6.6  | 31           | 70           | 3.00 | 16.5  | 60           | 119          | 37.80 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 6.7  | 31           | 70           | 3.00 | 16.75 | 60           | 119          | 37.80 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 6.8  | 34           | 74           | 3.10 | 17    | 60           | 119          | 37.80 |                                                                                                                                                                                                                                                                                                  |              |              |       |
| 6.9  | 34           | 74           | 3.10 | 17.25 | 62           | 123          | 42.20 |                                                                                                                                                                                                                                                                                                  |              |              |       |

# HSS-Spiralbohrer

Art.-Nr. 2550 / 2560



## Art.-Nr. 2550

Für Bau- und Einsatzstähle, dampfangelassen, rollgewalzt, preisgünstige Ausführung für Handbohrmaschinen, Montagearbeiten etc.



## Art.-Nr. 2560

Profilgeschliffen, dampfangelassen, Spitzenwinkel 118°, zum Bohren von legiertem und unlegiertem Stahl, bis 900 N/mm<sup>2</sup>, Stahlguss, Grauguss.



## Art.-Nr. 2568

Profilgeschliffen, dampfangelassen, Spitzenwinkel 118°, zum Bohren von legiertem und unlegiertem Stahl, bis 900N/mm<sup>2</sup>, Stahlguss, Grauguss. Mit abgesetztem Schaft Ø 13 cm.

| Ø<br>in mm | Spiral-L. | Ges.-L. | 2550 | 2560 | 2568 |
|------------|-----------|---------|------|------|------|
| 0.30       | 3         | 19      | 2.60 | 3.70 | ---  |
| 0.35       | 4         | 19      | 2.60 | 3.70 | ---  |
| 0.40       | 5         | 20      | 2.30 | 3.40 | ---  |
| 0.45       | 5         | 20      | 2.30 | 3.40 | ---  |
| 0.50       | 6         | 22      | 2.10 | 3.00 | ---  |
| 0.55       | 7         | 24      | 2.30 | 3.30 | ---  |
| 0.60       | 7         | 24      | 2.10 | 3.00 | ---  |
| 0.65       | 8         | 26      | 2.30 | 3.00 | ---  |
| 0.70       | 9         | 28      | 2.10 | 2.30 | ---  |
| 0.75       | 9         | 28      | 2.10 | 2.30 | ---  |
| 0.80       | 10        | 30      | 2.10 | 2.30 | ---  |
| 0.85       | 10        | 30      | 2.30 | 2.30 | ---  |
| 0.90       | 11        | 32      | 1.80 | 2.30 | ---  |
| 0.95       | 11        | 32      | 2.30 | 2.60 | ---  |
| 1.00       | 12        | 34      | 0.70 | 2.20 | ---  |
| 1.05       | 12        | 34      | ---  | 2.40 | ---  |
| 1.10       | 14        | 36      | 0.70 | 2.20 | ---  |
| 1.15       | 14        | 36      | ---  | 2.60 | ---  |
| 1.20       | 16        | 38      | 0.70 | 2.20 | ---  |
| 1.25       | 16        | 38      | 0.80 | 2.40 | ---  |
| 1.30       | 16        | 38      | 0.70 | 2.20 | ---  |
| 1.35       | 18        | 40      | ---  | 2.40 | ---  |
| 1.40       | 18        | 40      | 0.70 | 2.20 | ---  |
| 1.45       | 18        | 40      | ---  | 2.40 | ---  |
| 1.50       | 18        | 40      | 0.70 | 2.10 | ---  |
| 1.55       | 20        | 43      | ---  | 2.40 | ---  |
| 1.60       | 20        | 43      | 0.70 | 2.10 | ---  |
| 1.65       | 20        | 43      | ---  | 2.40 | ---  |
| 1.70       | 20        | 43      | 0.70 | 2.00 | ---  |
| 1.75       | 22        | 46      | ---  | 2.30 | ---  |
| 1.80       | 22        | 46      | 0.70 | 2.10 | ---  |
| 1.85       | 22        | 46      | ---  | 2.40 | ---  |
| 1.90       | 22        | 46      | 0.70 | 2.10 | ---  |
| 1.95       | 24        | 49      | ---  | 2.40 | ---  |
| 2.00       | 24        | 49      | 0.70 | 1.40 | ---  |
| 2.05       | 24        | 49      | ---  | 1.90 | ---  |
| 2.10       | 24        | 49      | 0.70 | 1.50 | ---  |
| 2.15       | 27        | 53      | ---  | 1.80 | ---  |
| 2.20       | 27        | 53      | 0.70 | 1.50 | ---  |
| 2.25       | 27        | 53      | 0.80 | 1.80 | ---  |
| 2.30       | 27        | 53      | 0.70 | 1.50 | ---  |
| 2.35       | 27        | 53      | ---  | 1.80 | ---  |
| 2.40       | 30        | 57      | 0.70 | 1.70 | ---  |
| 2.45       | 30        | 57      | ---  | 1.80 | ---  |
| 2.50       | 30        | 57      | 0.70 | 1.70 | ---  |
| 2.55       | 30        | 57      | ---  | 1.80 | ---  |

| Ø<br>in mm | Spiral-L. | Ges.-L. | 2550 | 2560 | 2568 |
|------------|-----------|---------|------|------|------|
| 2.60       | 30        | 57      | 0.70 | 1.70 | ---  |
| 2.65       | 30        | 57      | ---  | 1.80 | ---  |
| 2.70       | 33        | 61      | 0.70 | 1.70 | ---  |
| 2.75       | 33        | 61      | 0.80 | 1.80 | ---  |
| 2.80       | 33        | 61      | 0.70 | 1.70 | ---  |
| 2.85       | 33        | 61      | ---  | 1.80 | ---  |
| 2.90       | 33        | 61      | 0.70 | 1.70 | ---  |
| 2.95       | 33        | 61      | ---  | 1.80 | ---  |
| 3.00       | 33        | 61      | 0.70 | 1.50 | ---  |
| 3.05       | 36        | 65      | ---  | 1.90 | ---  |
| 3.10       | 36        | 65      | 0.80 | 1.90 | ---  |
| 3.15       | 36        | 65      | ---  | 1.90 | ---  |
| 3.20       | 36        | 65      | 0.80 | 1.90 | ---  |
| 3.25       | 36        | 65      | 0.80 | 1.90 | ---  |
| 3.30       | 36        | 65      | 0.80 | 1.90 | ---  |
| 3.40       | 3.9       | 70      | 0.80 | 1.90 | ---  |
| 3.50       | 3.9       | 70      | 0.80 | 1.80 | ---  |
| 3.55       | 3.9       | 70      | ---  | 2.10 | ---  |
| 3.60       | 3.9       | 70      | 0.80 | 2.00 | ---  |
| 3.65       | 3.9       | 70      | ---  | 2.10 | ---  |
| 3.70       | 3.9       | 70      | 0.80 | 2.00 | ---  |
| 3.75       | 3.9       | 70      | 0.80 | 2.30 | ---  |
| 3.80       | 43        | 75      | 0.80 | 2.10 | ---  |
| 3.90       | 43        | 75      | ---  | 2.10 | ---  |
| 4.00       | 43        | 75      | 0.80 | 1.80 | ---  |
| 4.05       | 43        | 75      | ---  | 2.20 | ---  |
| 4.10       | 43        | 75      | 0.90 | 2.20 | ---  |
| 4.20       | 43        | 75      | 0.90 | 2.30 | ---  |
| 4.25       | 43        | 75      | 0.90 | 2.30 | ---  |
| 4.30       | 47        | 80      | ---  | 2.10 | ---  |
| 4.40       | 47        | 80      | 0.90 | 2.10 | ---  |
| 4.45       | 47        | 80      | ---  | 2.40 | ---  |
| 4.50       | 47        | 80      | 0.90 | 2.10 | ---  |
| 4.55       | 47        | 80      | ---  | 2.20 | ---  |
| 4.60       | 47        | 80      | 1.00 | 2.20 | ---  |
| 4.70       | 47        | 80      | 1.00 | 2.20 | ---  |
| 4.75       | 47        | 80      | 1.10 | 2.40 | ---  |
| 4.80       | 52        | 86      | 1.00 | 2.40 | ---  |
| 4.90       | 52        | 68      | 1.00 | 2.50 | ---  |
| 5.00       | 52        | 86      | 1.00 | 2.40 | ---  |
| 5.05       | 52        | 86      | ---  | 2.90 | ---  |
| 5.10       | 52        | 86      | 1.20 | 2.80 | ---  |
| 5.20       | 52        | 86      | 1.20 | 2.80 | ---  |
| 5.25       | 52        | 86      | 1.50 | 2.90 | ---  |
| 5.30       | 52        | 86      | 1.20 | 2.80 | ---  |
| 5.40       | 57        | 93      | 1.20 | 3.30 | ---  |

| Ø<br>in mm | Spiral-L. | Ges.-L. | 2550 | 2560 | 2568 |
|------------|-----------|---------|------|------|------|
| 5.50       | 57        | 93      | 1.20 | 3.20 | ---  |
| 5.60       | 57        | 93      | 1.30 | 3.30 | ---  |
| 5.70       | 57        | 93      | 1.30 | 3.30 | ---  |
| 5.75       | 57        | 93      | ---  | 3.60 | ---  |
| 5.90       | 57        | 93      | 1.30 | 3.30 | ---  |
| 5.90       | 57        | 93      | 1.30 | 3.30 | ---  |
| 6.00       | 57        | 93      | 1.30 | 3.20 | ---  |
| 6.05       | 63        | 101     | ---  | 4.10 | ---  |
| 6.10       | 63        | 101     | 1.50 | 3.60 | ---  |
| 6.20       | 63        | 101     | 1.50 | 3.60 | ---  |
| 6.25       | 63        | 101     | 1.90 | 3.90 | ---  |
| 6.30       | 63        | 101     | 1.50 | 3.60 | ---  |
| 6.40       | 63        | 101     | 1.50 | 3.60 | ---  |
| 6.50       | 63        | 101     | 1.50 | 3.60 | ---  |
| 6.60       | 63        | 101     | 1.90 | 3.70 | ---  |
| 6.70       | 63        | 101     | 1.20 | 3.70 | ---  |
| 6.75       | 69        | 109     | 2.30 | 4.40 | ---  |
| 6.80       | 69        | 109     | 1.90 | 4.40 | ---  |
| 6.90       | 69        | 109     | 1.90 | 4.40 | ---  |
| 7.00       | 69        | 109     | 1.90 | 4.40 | ---  |
| 7.10       | 69        | 109     | 2.10 | 4.60 | ---  |
| 7.20       | 69        | 109     | 2.10 | 4.60 | ---  |
| 7.25       | 69        | 109     | 2.60 | 4.60 | ---  |
| 7.30       | 69        | 109     | 2.10 | 4.60 | ---  |
| 7.40       | 69        | 109     | 2.10 | 4.60 | ---  |
| 7.50       | 69        | 109     | 2.10 | 4.40 | ---  |
| 7.60       | 75        | 117     | 2.30 | 5.40 | ---  |
| 7.70       | 75        | 117     | 2.30 | 5.40 | ---  |
| 7.75       | 75        | 117     | 2.90 | 5.40 | ---  |
| 7.80       | 75        | 117     | 2.30 | 5.40 | ---  |
| 7.90       | 75        | 117     | 2.30 | 5.40 | ---  |
| 8.00       | 75        | 117     | 2.30 | 5.30 | ---  |
| 8.10       | 75        | 117     | 2.40 | 5.70 | ---  |
| 8.20       | 75        | 117     | 2.40 | 5.70 | ---  |
| 8.25       | 75        | 117     | 3.00 | 5.70 | ---  |
| 8.30       | 75        | 117     | 2.40 | 5.70 | ---  |
| 8.40       | 75        | 117     | 2.40 | 5.70 | ---  |
| 8.50       | 75        | 117     | 2.40 | 5.50 | ---  |
| 8.60       | 81        | 125     | 3.00 | 6.40 | ---  |
| 8.70       | 81        | 125     | 3.00 | 6.40 | ---  |
| 8.75       | 81        | 125     | 3.60 | 6.60 | ---  |
| 8.80       | 81        | 125     | 3.00 | 6.40 | ---  |
| 8.90       | 81        | 125     | 3.00 | 6.40 | ---  |
| 9.00       | 81        | 125     | 3.00 | 6.40 | ---  |
| 9.10       | 81        | 125     | 3.00 | 6.50 | ---  |
| 9.20       | 81        | 125     | 3.00 | 6.50 | ---  |
| 9.25       | 81        | 125     | 3.60 | 6.90 | ---  |
| 9.30       | 81        | 125     | 3.20 | 6.90 | ---  |
| 9.40       | 81        | 125     | 3.20 | 6.90 | ---  |
| 9.50       | 81        | 125     | 3.20 | 6.50 | ---  |
| 9.60       | 87        | 133     | 3.50 | 7.40 | ---  |
| 9.70       | 87        | 133     | 3.50 | 7.40 | ---  |
| 9.75       | 87        | 133     | 4.50 | 8.10 | ---  |
| 9.80       | 87        | 133     | 4.50 | 8.10 | ---  |
| 9.90       | 87        | 133     | 3.50 | 8.10 | ---  |
| 10.00      | 87        | 133     | 3.50 | 7.40 | ---  |
| 10.10      | 87        | 133     | ---  | 9.60 | ---  |

| Ø<br>in mm | Spiral-L. | Ges.-L. | 2550  | 2560  | 2568  |
|------------|-----------|---------|-------|-------|-------|
| 10.20      | 87        | 133     | 4.20  | 9.00  | ---   |
| 10.25      | 87        | 133     | 5.20  | 9.00  | ---   |
| 10.30      | 87        | 133     | ---   | 10.50 | ---   |
| 10.40      | 87        | 133     | ---   | 10.50 | ---   |
| 10.50      | 87        | 133     | 4.20  | 8.50  | ---   |
| 10.60      | 87        | 133     | ---   | 11.00 | ---   |
| 10.70      | 94        | 142     | ---   | 11.00 | ---   |
| 10.75      | 94        | 142     | 5.20  | 9.90  | ---   |
| 10.80      | 94        | 142     | ---   | 9.90  | ---   |
| 10.90      | 94        | 142     | ---   | 11.10 | ---   |
| 11.00      | 94        | 142     | 4.60  | 9.40  | ---   |
| 11.10      | 94        | 142     | ---   | 11.00 | ---   |
| 11.20      | 94        | 142     | ---   | 11.00 | ---   |
| 11.25      | 94        | 142     | 5.50  | 12.20 | ---   |
| 11.30      | 94        | 142     | ---   | 12.20 | ---   |
| 11.40      | 94        | 142     | ---   | 12.20 | ---   |
| 11.50      | 94        | 142     | 5.10  | 10.70 | ---   |
| 11.60      | 94        | 142     | ---   | 12.80 | ---   |
| 11.70      | 94        | 142     | ---   | 12.80 | ---   |
| 11.75      | 94        | 142     | 6.30  | 12.80 | ---   |
| 11.80      | 94        | 142     | ---   | 12.80 | ---   |
| 11.90      | 101       | 151     | ---   | 14.70 | ---   |
| 12.00      | 101       | 151     | 5.80  | 11.60 | ---   |
| 12.10      | 101       | 151     | ---   | 13.60 | ---   |
| 12.20      | 101       | 151     | ---   | 13.60 | ---   |
| 12.25      | 101       | 151     | ---   | 13.60 | ---   |
| 12.30      | 101       | 151     | 7.30  | 13.90 | ---   |
| 12.40      | 101       | 151     | ---   | 13.90 | ---   |
| 12.50      | 101       | 151     | 6.20  | 12.80 | ---   |
| 12.60      | 101       | 151     | ---   | 13.90 | ---   |
| 12.70      | 101       | 151     | 7.60  | 13.90 | ---   |
| 12.75      | 101       | 151     | ---   | 13.90 | ---   |
| 12.80      | 101       | 151     | ---   | 15.10 | ---   |
| 12.90      | 101       | 151     | ---   | 15.10 | ---   |
| 13.00      | 101       | 151     | 6.50  | 12.80 | ---   |
| 13.25      | 108       | 160     | ---   | 17.40 | ---   |
| 13.50      | 108       | 160     | 10.10 | 17.40 | ---   |
| 13.75      | 108       | 160     | 12.40 | 19.70 | ---   |
| 14.00      | 108       | 160     | 11.00 | 18.50 | 26.60 |
| 14.25      | 114       | 169     | 13.60 | 19.70 | ---   |
| 14.50      | 114       | 169     | 12.40 | 19.70 | 27.70 |
| 14.75      | 114       | 169     | 15.40 | 20.80 | ---   |
| 15.00      | 114       | 169     | 14.90 | 19.70 | 27.70 |
| 15.25      | 120       | 178     | ---   | 28.90 | ---   |
| 15.50      | 120       | 178     | 16.80 | 22.00 | 32.30 |
| 15.75      | 120       | 178     | ---   | 28.90 | ---   |
| 16.00      | 120       | 178     | 19.10 | 22.00 | 33.60 |
| 16.50      | 125       | 184     | ---   | 23.10 | 37.00 |
| 17.00      | 125       | 184     | 20.80 | 24.30 | 39.30 |
| 17.50      | 130       | 191     | ---   | 26.60 | 41.60 |
| 18.00      | 130       | 191     | 21.80 | 26.60 | 41.60 |
| 18.50      | 135       | 198     | ---   | 28.90 | 47.40 |
| 19.00      | 135       | 198     | 26.10 | 32.30 | 47.40 |
| 19.50      | 140       | 205     | ---   | 33.60 | 50.80 |
| 20.00      | 140       | 205     | 31.80 | 34.70 | 53.10 |

#### Verpackungseinheit:

Ø 0.30 – 8.40 mm 10 Stk.

Ø 8.50 – 13.00 mm 5 Stk.

Ø13.25 – 20.00 mm 1 Stk.

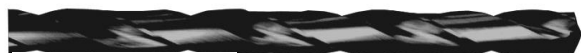
| HSS Bohrer<br>Kassetten | Ø<br>in mm | Steigend | Stk.<br>Bo. | rollgewalzt            | profil-<br>geschliffen |
|-------------------------|------------|----------|-------------|------------------------|------------------------|
| Art.-Nr.2551            | 1-10       | 0.5      | 19          | 47.30                  |                        |
| Art.-Nr.2561            | 1-10       | 0.5      | 19          |                        | 85.80                  |
| Art.-Nr.2552            | 1-13       | 0.5      | 25          | 82.50                  |                        |
| Art.-Nr.2562            | 1-13       | 0.5      | 25          |                        | 170.50                 |
| Art.-Nr.2553            | 1-5.9      | 0.1      | 50          | 103.40                 |                        |
| Art.-Nr.2563            | 1-5.9      | 0.1      | 50          |                        | 121.00                 |
| Art.-Nr.2554            | 6-10       | 0.1      | 41          | 204.60                 |                        |
| Art.-Nr.2564            | 6-10       | 0.1      | 41          |                        | 276.10                 |
| Art.-Nr.2565            | 1-10.5     | 0.5      | 24          | (+ Ø 3.3/4.2/6.8/10.2) | 172.70                 |
| Art.-Nr.2566 B TiN      | 1-5.9      | 0.1      | 50          |                        | 190.30                 |
| Art.-Nr.2567 B TiN      | 1-13       | 0.5      | 25          |                        | 255.20                 |





# HSS Spiralbohrer lang

Artikel 2570 profilgeschliffen, zum Bohren von tiefen Bohrungen



Art.-Nr. 2570



Art.-Nr. 2570 B

| Ø mm | Spiral-<br>länge | Gesamt-<br>länge | 2570  | 2570 B<br>Tin- | Ø mm  | Spiral-<br>länge | Gesamt-<br>länge | 2570  | 2570 B<br>Tin- | Ø mm  | Spiral-<br>länge | Gesamt-<br>länge | 2570   | 2570 B<br>Tin- |
|------|------------------|------------------|-------|----------------|-------|------------------|------------------|-------|----------------|-------|------------------|------------------|--------|----------------|
| 0,5  | 12               | 32               | 11.90 | 19.80          | 5,6   | 91               | 139              | 6.40  | 14.90          | 10,6  | 128              | 195              | 18.60  | 38.70          |
| 0,6  | 15               | 35               | 9.70  | 16.50          | 5,7   | 91               | 139              | 6.40  | 14.90          | 10,7  | 128              | 195              | 21.80  | 43.10          |
| 0,7  | 21               | 42               | 8.50  | 14.90          | 5,75  | 91               | 139              | 5.90  | 14.40          | 10,75 | 128              | 195              | 22.10  | 43.80          |
| 0,8  | 25               | 46               | 7.90  | 14.20          | 5,8   | 91               | 139              | 6.40  | 14.90          | 10,8  | 128              | 195              | 21.80  | 43.10          |
| 0,9  | 29               | 51               | 7.60  | 13.60          | 5,9   | 91               | 139              | 6.40  | 14.90          | 10,9  | 128              | 195              | 21.80  | 43.10          |
| 1,0  | 33               | 56               | 4.70  | 9.80           | 6,0   | 91               | 139              | 5.90  | 14.40          | 11,0  | 128              | 195              | 21.80  | 43.10          |
| 1,1  | 37               | 60               | 5.00  | 10.00          | 6,1   | 97               | 148              | 7.50  | 18.60          | 11,1  | 128              | 195              | 21.50  | 42.80          |
| 1,2  | 41               | 65               | 4.30  | 9.00           | 6,2   | 97               | 148              | 7.50  | 18.60          | 11,2  | 128              | 195              | 23.20  | 45.20          |
| 1,25 | 41               | 65               | 3.50  | 8.00           | 6,25  | 97               | 148              | 7.50  | 18.60          | 11,25 | 128              | 195              | 23.90  | 46.10          |
| 1,3  | 41               | 65               | 4.30  | 9.00           | 6,3   | 97               | 148              | 7.50  | 18.60          | 11,3  | 128              | 195              | 23.90  | 45.20          |
| 1,4  | 45               | 70               | 4.40  | 9.10           | 6,4   | 97               | 148              | 7.90  | 19.30          | 11,4  | 128              | 195              | 23.90  | 45.20          |
| 1,5  | 45               | 70               | 3.50  | 8.00           | 6,5   | 97               | 148              | 7.50  | 18.60          | 11,5  | 128              | 195              | 22.30  | 43.90          |
| 1,6  | 50               | 76               | 4.00  | 8.60           | 6,6   | 97               | 148              | 7.90  | 19.30          | 11,6  | 128              | 195              | 21.90  | 43.50          |
| 1,7  | 50               | 76               | 3.90  | 8.50           | 6,7   | 97               | 148              | 7.90  | 19.30          | 11,7  | 128              | 195              | 25.50  | 48.50          |
| 1,75 | 53               | 80               | 3.50  | 8.00           | 6,75  | 102              | 156              | 8.70  | 20.40          | 11,75 | 128              | 195              | 26.10  | 49.30          |
| 1,8  | 53               | 80               | 3.90  | 8.50           | 6,8   | 102              | 156              | 9.10  | 21.10          | 11,8  | 134              | 205              | 25.50  | 48.50          |
| 1,9  | 53               | 80               | 3.90  | 8.50           | 6,9   | 102              | 156              | 9.10  | 21.10          | 11,9  | 134              | 205              | 25.50  | 48.50          |
| 2,0  | 56               | 85               | 2.90  | 7.00           | 7,0   | 102              | 156              | 8.80  | 20.50          | 12,0  | 134              | 205              | 24.80  | 47.10          |
| 2,1  | 56               | 85               | 3.10  | 7.40           | 7,1   | 102              | 156              | 11.60 | 24.40          | 12,1  | 134              | 205              | 24.20  | 48.80          |
| 2,2  | 59               | 90               | 3.10  | 7.40           | 7,2   | 102              | 156              | 11.60 | 24.40          | 12,2  | 134              | 205              | 27.00  | 72.30          |
| 2,25 | 59               | 90               | 3.10  | 7.40           | 7,25  | 102              | 156              | 9.70  | 21.80          | 12,25 | 134              | 205              | 27.40  | 53.40          |
| 2,3  | 59               | 90               | 3.10  | 7.40           | 7,3   | 102              | 156              | 11.60 | 24.40          | 12,3  | 134              | 205              | 27.00  | 52.70          |
| 2,4  | 62               | 95               | 3.10  | 7.40           | 7,4   | 102              | 156              | 11.60 | 24.40          | 12,4  | 134              | 205              | 27.00  | 52.70          |
| 2,5  | 62               | 95               | 3.10  | 7.40           | 7,5   | 102              | 156              | 9.10  | 21.20          | 12,5  | 134              | 205              | 25.90  | 51.20          |
| 2,6  | 62               | 95               | 3.20  | 7.60           | 7,6   | 109              | 165              | 13.20 | 25.20          | 12,6  | 134              | 205              | 25.30  | 50.40          |
| 2,7  | 66               | 100              | 3.20  | 7.60           | 7,7   | 109              | 165              | 13.20 | 25.20          | 12,7  | 134              | 205              | 41.40  | 73.20          |
| 2,75 | 66               | 100              | 3.20  | 7.50           | 7,75  | 109              | 165              | 10.60 | 23.00          | 12,75 | 134              | 205              | 41.40  | 73.20          |
| 2,8  | 66               | 100              | 3.50  | 7.70           | 7,8   | 109              | 165              | 12.20 | 25.30          | 12,8  | 134              | 205              | 41.40  | 73.20          |
| 2,9  | 66               | 100              | 3.90  | 8.50           | 7,9   | 109              | 165              | 12.10 | 25.20          | 12,9  | 134              | 205              | 41.40  | 73.20          |
| 3,0  | 66               | 100              | 2.90  | 7.00           | 8,0   | 109              | 165              | 10.60 | 23.00          | 13,0  | 134              | 205              | 28.10  | 54.10          |
| 3,1  | 69               | 106              | 3.40  | 10.80          | 8,1   | 109              | 165              | 13.00 | 30.90          | 13,25 | 140              | 214              | 57.30  | 95.70          |
| 3,2  | 69               | 106              | 3.40  | 10.80          | 8,2   | 109              | 165              | 13.00 | 30.90          | 13,5  | 140              | 214              | 33.20  | 61.60          |
| 3,25 | 69               | 106              | 3.50  | 10.90          | 8,25  | 109              | 165              | 11.80 | 29.00          | 13,75 | 140              | 214              | 58.00  | 96.70          |
| 3,3  | 69               | 106              | 3.60  | 11.00          | 8,3   | 109              | 165              | 13.00 | 30.90          | 14,0  | 140              | 214              | 32.70  | 60.80          |
| 3,4  | 73               | 112              | 3.60  | 11.00          | 8,4   | 109              | 165              | 13.00 | 30.90          | 14,25 | 144              | 220              | 70.60  | 117.60         |
| 3,5  | 73               | 112              | 3.40  | 10.90          | 8,5   | 109              | 165              | 11.70 | 28.90          | 14,5  | 144              | 220              | 39.90  | 74.30          |
| 3,6  | 73               | 112              | 3.60  | 11.00          | 8,6   | 115              | 175              | 16.00 | 35.00          | 14,75 | 144              | 220              | 72.90  | 120.90         |
| 3,7  | 73               | 112              | 3.90  | 11.20          | 8,7   | 115              | 175              | 16.00 | 35.00          | 15,0  | 144              | 220              | 37.50  | 70.60          |
| 3,75 | 73               | 112              | 4.00  | 11.60          | 8,75  | 115              | 175              | 13.00 | 30.90          | 15,25 | 149              | 227              | 72.90  | 121.00         |
| 3,8  | 78               | 119              | 3.90  | 11.30          | 8,8   | 115              | 175              | 16.00 | 35.00          | 15,5  | 149              | 227              | 55.80  | 96.50          |
| 3,9  | 78               | 119              | 4.00  | 11.60          | 8,9   | 115              | 175              | 16.00 | 35.00          | 15,75 | 149              | 227              | 75.10  | 124.10         |
| 4,0  | 78               | 119              | 3.70  | 11.10          | 9,0   | 115              | 175              | 12.40 | 31.60          | 16,0  | 149              | 227              | 45.90  | 82.60          |
| 4,1  | 78               | 119              | 4.30  | 12.00          | 9,1   | 115              | 175              | 17.10 | 36.50          | 16,25 | 154              | 235              | 77.60  | 132.80         |
| 4,2  | 78               | 119              | 4.30  | 12.00          | 9,2   | 115              | 175              | 17.10 | 36.50          | 16,5  | 154              | 235              | 72.80  | 126.30         |
| 4,25 | 78               | 119              | 4.50  | 12.20          | 9,25  | 115              | 175              | 15.50 | 34.40          | 16,75 | 154              | 235              | 77.60  | 132.80         |
| 4,3  | 82               | 126              | 4.70  | 12.70          | 9,3   | 115              | 175              | 17.10 | 36.50          | 17,0  | 154              | 235              | 57.20  | 104.00         |
| 4,4  | 82               | 126              | 4.70  | 12.70          | 9,4   | 115              | 175              | 17.10 | 36.50          | 17,25 | 158              | 241              | 78.10  | 133.70         |
| 4,5  | 82               | 126              | 4.50  | 12.20          | 9,5   | 115              | 184              | 14.40 | 32.80          | 17,5  | 158              | 241              | 73.50  | 126.90         |
| 4,6  | 82               | 126              | 4.70  | 12.70          | 9,6   | 121              | 184              | 17.10 | 36.50          | 17,75 | 158              | 241              | 78.10  | 133.70         |
| 4,7  | 82               | 126              | 4.70  | 12.70          | 9,7   | 121              | 184              | 17.10 | 36.10          | 18,0  | 158              | 241              | 60.90  | 109.30         |
| 4,75 | 82               | 126              | 5.00  | 12.80          | 9,75  | 121              | 184              | 15.40 | 35.20          | 18,25 | 162              | 247              | 124.10 | 205.20         |
| 4,8  | 87               | 132              | 5.20  | 13.20          | 9,8   | 121              | 184              | 17.20 | 36.60          | 18,5  | 162              | 247              | 116.60 | 194.60         |
| 4,9  | 87               | 132              | 5.20  | 13.20          | 9,9   | 121              | 184              | 17.20 | 36.60          | 18,75 | 162              | 247              | 124.10 | 205.20         |
| 5,0  | 87               | 132              | 5.00  | 12.80          | 10,0  | 121              | 184              | 14.50 | 32.90          | 19,0  | 162              | 247              | 75.10  | 135.90         |
| 5,1  | 87               | 132              | 5.50  | 13.90          | 10,1  | 121              | 184              | 18.60 | 38.80          | 19,25 | 166              | 254              | 131.10 | 215.20         |
| 5,2  | 87               | 132              | 5.50  | 13.90          | 10,2  | 121              | 184              | 18.60 | 38.80          | 19,5  | 166              | 254              | 123.00 | 203.60         |
| 5,25 | 87               | 132              | 5.90  | 14.40          | 10,25 | 121              | 184              | 19.00 | 39.20          | 19,75 | 166              | 254              | 123.00 | 203.60         |
| 5,3  | 87               | 132              | 5.50  | 13.90          | 10,3  | 121              | 184              | 18.60 | 38.80          | 20,0  | 166              | 254              | 84.30  | 148.70         |
| 5,4  | 91               | 139              | 6.40  | 14.90          | 10,4  | 121              | 184              | 18.60 | 38.80          |       |                  |                  |        |                |
| 5,5  | 91               | 139              | 5.90  | 14.40          | 10,5  | 121              | 184              | 19.00 | 39.20          |       |                  |                  |        |                |

Verpackungseinheit: Ø 1,00 – 6,00 mm 10 Stück / Ø 6,10 – 13,00 mm 5 Stück / Ø 13,25 – 20,00 mm 1 Stück

# HSS Spiralbohrer

## EXTRALANG Art.-Nr. 2572



Profilgeschliffen, zum Bohren von tiefen Bohrungen, mit Kreuzanschliff und spez. Ausspitzung.

## ÜBERLANG Art.-Nr. 2574



Profilgeschliffen, Spezial – Tieflochbohrer, für besonders tiefe oder tiefliegenden Bohrungen, mit Kreuzanschliff und spez. Ausspitzung.

| Bestell-Nr.<br>2572... | Ø in mm | Spiral-<br>länge | Gesamt-<br>länge | CHF   |
|------------------------|---------|------------------|------------------|-------|
| 0200                   | 2       | 85               | 125              | 9.60  |
| 0225                   | 2.25    | 90               | 135              | 11.00 |
| 0250                   | 2.5     | 95               | 140              | 9.00  |
| 0275                   | 2.75    | 100              | 150              | 11.00 |
| 0300                   | 3       | 100              | 150              | 9.60  |
| 0325                   | 3.25    | 105              | 155              | 11.40 |
| 0350                   | 3.2     | 115              | 165              | 11.00 |
| 0375                   | 3.75    | 115              | 165              | 14.60 |
| 0400                   | 4       | 120              | 175              | 11.90 |
| 0425                   | 4.25    | 120              | 175              | 15.30 |
| 0450                   | 4.5     | 125              | 185              | 12.40 |
| 0475                   | 4.75    | 125              | 185              | 15.30 |
| 0500                   | 5       | 135              | 195              | 13.60 |
| 0525                   | 5.25    | 135              | 195              | 17.40 |
| 0550                   | 5.5     | 140              | 205              | 14.60 |
| 0575                   | 5.75    | 140              | 205              | 18.00 |
| 0600                   | 6       | 140              | 205              | 15.30 |
| 0625                   | 6.25    | 150              | 215              | 19.50 |
| 0650                   | 6.5     | 150              | 215              | 19.30 |
| 0675                   | 6.75    | 155              | 225              | 22.00 |
| 0700                   | 7       | 155              | 225              | 19.30 |
| 0725                   | 7.25    | 155              | 225              | 26.40 |
| 0750                   | 7.5     | 155              | 225              | 23.10 |
| 0775                   | 7.75    | 165              | 240              | 25.70 |
| 0800                   | 8       | 165              | 240              | 25.00 |
| 0825                   | 8.25    | 165              | 240              | 36.10 |
| 0850                   | 8.5     | 165              | 240              | 33.30 |
| 0875                   | 8.75    | 175              | 250              | 36.10 |
| 0900                   | 9       | 175              | 250              | 33.30 |
| 0925                   | 9.25    | 175              | 250              | 40.30 |
| 0950                   | 9.5     | 175              | 250              | 40.90 |
| 0975                   | 9.75    | 185              | 265              | 40.30 |
| 1000                   | 10      | 185              | 265              | 34.70 |
| 1050                   | 10.5    | 185              | 265              | 41.60 |
| 1100                   | 11      | 195              | 280              | 47.20 |
| 1150                   | 11.5    | 195              | 280              | 49.90 |
| 1200                   | 12      | 205              | 295              | 61.10 |
| 1250                   | 12.5    | 205              | 295              | 63.80 |
| 1300                   | 13      | 205              | 295              | 63.80 |

| Bestell-<br>Nr.<br>2574... | Ø in mm | Spiral-<br>länge | Gesamt-<br>länge | CHF    |
|----------------------------|---------|------------------|------------------|--------|
| 0350                       | 3.5     | 180              | 265              | 20.80  |
| 0375                       | 3.75    | 180              | 265              | 22.20  |
| 0400                       | 4       | 190              | 280              | 25.00  |
| 0425                       | 4.25    | 190              | 280              | 27.70  |
| 0450                       | 4.5     | 200              | 295              | 23.70  |
| 0475                       | 4.75    | 200              | 295              | 25.00  |
| 0500                       | 5       | 210              | 315              | 20.80  |
| 0525                       | 5.25    | 210              | 315              | 36.10  |
| 0550                       | 5.5     | 225              | 330              | 27.70  |
| 0575                       | 5.75    | 225              | 330              | 29.20  |
| 0600                       | 6       | 225              | 330              | 27.70  |
| 0625                       | 6.25    | 235              | 350              | 37.20  |
| 0650                       | 6.5     | 235              | 350              | 31.90  |
| 0675                       | 6.75    | 250              | 370              | 43.00  |
| 0700                       | 7       | 250              | 370              | 40.30  |
| 0725                       | 7.25    | 250              | 370              | 47.20  |
| 0750                       | 7.5     | 250              | 370              | 45.80  |
| 0775                       | 7.75    | 265              | 390              | 48.50  |
| 0800                       | 8       | 265              | 390              | 45.80  |
| 0825                       | 8.25    | 265              | 390              | 69.30  |
| 0850                       | 8.5     | 265              | 390              | 66.60  |
| 0875                       | 8.75    | 280              | 410              | 74.30  |
| 0900                       | 9       | 280              | 410              | 66.60  |
| 0925                       | 9.25    | 280              | 410              | 81.80  |
| 0950                       | 9.5     | 280              | 410              | 74.30  |
| 0975                       | 9.75    | 295              | 430              | 80.40  |
| 1000                       | 10      | 295              | 430              | 74.30  |
| 1050                       | 10.5    | 295              | 430              | 76.20  |
| 1100                       | 11      | 310              | 455              | 87.30  |
| 1150                       | 11.5    | 310              | 455              | 94.30  |
| 1200                       | 12      | 330              | 480              | 95.70  |
| 1250                       | 12.5    | 330              | 480              | 98.50  |
| 1300                       | 13      | 330              | 480              | 101.20 |

# HSSE-Co8-Spiralbohrer



Art.-Nr. 2575

Bestellbeispiel: Art.-Nr. 2580B Ø3.5mm = Bestell-Nr. 2580b0350



Art.-Nr. 2585 MC3



Art.-Nr. 2580B TIN

Hochleistungsbohrer für hochlegierte und schwer zerspanbare Stähle.  
Spezial-Ausspitzung für rost-säurebeständige Stähle (VA), Federstähle  
sowie exotische Legierungen. MC3 - beschichtet für mehr Leistung.

| Ø mm | Spiral-<br>länge | Gesamt-<br>länge | 2575 | 2580B<br>TIN | 2585B<br>MC3 | Ø mm  | Spiral-<br>länge | Gesamt-<br>länge | 2575  | 2580B<br>TIN | 2585B<br>MC3 | Ø mm  | Spiral-<br>länge | Gesamt-<br>länge | 2575   | 2580B<br>TIN | 2585B<br>MC3 |
|------|------------------|------------------|------|--------------|--------------|-------|------------------|------------------|-------|--------------|--------------|-------|------------------|------------------|--------|--------------|--------------|
| 0,30 | 3.00             | 19.00            | 5.70 | 8.90         | 11.40        | 5,40  | 57.00            | 93.00            | 5.70  | 10.90        | 12.80        | 11,00 | 94.00            | 142.00           | 24.90  | 33.10        | 32.50        |
| 0,40 | 5.00             | 20.00            | 4.50 | 8.90         | 11.40        | 5,50  | 57.00            | 93.00            | 5.70  | 8.30         | 10.90        | 11,25 | 94.00            | 142.00           | 29.30  | 34.50        | 35.60        |
| 0,50 | 6.00             | 22.00            | 4.50 | 8.90         | 11.40        | 5,60  | 57.00            | 93.00            | 6.40  | 10.90        | 12.80        | 11,50 | 94.00            | 142.00           | 28.90  | 34.30        | 33.70        |
| 0,60 | 7.00             | 24.00            | 4.50 | 8.90         | 10.90        | 5,70  | 57.00            | 93.00            | 6.40  | 10.90        | 12.80        | 11,75 | 94.00            | 142.00           | 31.10  | 36.90        | 36.90        |
| 0,70 | 9.00             | 28.00            | 3.90 | 7.70         | 9.60         | 5,75  | 57.00            | 93.00            | 6.40  | 9.60         | 10.90        | 12,00 | 101.00           | 151.00           | 31.10  | 43.90        | 50.30        |
| 0,75 | 9.00             | 28.00            | 4.50 | 8.30         | 10.90        | 5,80  | 57.00            | 93.00            | 6.40  | 10.90        | 12.80        | 12,25 | 101.00           | 151.00           | 39.40  | 52.10        | 57.90        |
| 0,80 | 10.00            | 30.00            | 3.20 | 7.00         | 8.90         | 5,90  | 57.00            | 93.00            | 6.40  | 10.90        | 12.80        | 12,50 | 101.00           | 151.00           | 39.40  | 52.10        | 57.90        |
| 0,90 | 11.00            | 32.00            | 3.20 | 7.00         | 8.90         | 6,00  | 57.00            | 93.00            | 6.40  | 8.30         | 10.90        | 12,75 | 101.00           | 151.00           | 42.00  | 54.70        | 61.10        |
| 1,00 | 12.00            | 34.00            | 2.60 | 6.40         | 8.30         | 6,10  | 63.00            | 101.00           | 6.40  | 11.40        | 14.60        | 13,00 | 101.00           | 151.00           | 42.00  | 54.70        | 61.10        |
| 1,10 | 14.00            | 36.00            | 2.60 | 6.40         | 8.30         | 6,20  | 63.00            | 101.00           | 7.00  | 11.40        | 14.60        | 13,25 | 101.00           | 160.00           | 45.80  | 58.50        | 64.20        |
| 1,20 | 16.00            | 38.00            | 2.60 | 6.40         | 8.30         | 6,25  | 63.00            | 101.00           | 7.00  | 10.20        | 12.80        | 13,50 | 108.00           | 160.00           | 45.80  | 58.50        | 64.20        |
| 1,30 | 16.00            | 38.00            | 3.20 | 6.40         | 8.30         | 6,30  | 63.00            | 101.00           | 7.00  | 11.40        | 14.60        | 13,75 | 108.00           | 160.00           | 43.20  | 56.00        | 62.30        |
| 1,40 | 18.00            | 40.00            | 3.20 | 6.40         | 8.30         | 6,40  | 63.00            | 101.00           | 7.70  | 12.10        | 14.60        | 14,00 | 108.00           | 160.00           | 45.10  | 57.20        | 63.60        |
| 1,50 | 18.00            | 40.00            | 3.20 | 6.40         | 7.70         | 6,50  | 63.00            | 101.00           | 7.00  | 11.40        | 14.00        | 14,25 | 114.00           | 169.00           | 64.20  | 79.40        | 87.10        |
| 1,60 | 20.00            | 43.00            | 3.20 | 6.40         | 8.30         | 6,60  | 63.00            | 101.00           | 7.70  | 13.40        | 16.00        | 14,50 | 114.00           | 169.00           | 64.20  | 79.40        | 87.10        |
| 1,70 | 20.00            | 43.00            | 3.20 | 6.40         | 8.30         | 6,70  | 63.00            | 101.00           | 7.70  | 13.40        | 16.00        | 14,75 | 120.00           | 178.00           | 64.20  | 79.40        | 87.10        |
| 1,80 | 22.00            | 46.00            | 3.20 | 6.40         | 8.30         | 6,75  | 69.00            | 109.00           | 8.30  | 12.80        | 15.30        | 15,00 | 120.00           | 178.00           | 71.80  | 76.90        | 85.10        |
| 1,90 | 22.00            | 46.00            | 3.20 | 6.40         | 8.30         | 6,80  | 69.00            | 109.00           | 8.30  | 14.60        | 17.20        | 15,25 | 125.00           | 178.00           | 71.80  | 87.10        | 94.10        |
| 2,00 | 24.00            | 49.00            | 3.20 | 5.70         | 7.00         | 6,90  | 69.00            | 109.00           | 8.30  | 14.60        | 17.20        | 15,50 | 125.00           | 178.00           | 71.80  | 87.10        | 94.10        |
| 2,10 | 24.00            | 49.00            | 3.20 | 5.70         | 7.00         | 7,00  | 69.00            | 109.00           | 7.70  | 12.80        | 15.30        | 15,75 | 125.00           | 178.00           | 74.40  | 89.71        | 97.20        |
| 2,20 | 27.00            | 53.00            | 3.20 | 5.70         | 7.00         | 7,10  | 69.00            | 109.00           | 10.20 | 15.80        | 18.50        | 16,00 | 125.00           | 178.00           | 74.40  | 94.70        | 104.30       |
| 2,25 | 27.00            | 53.00            | 3.20 | 5.70         | 7.00         | 7,20  | 69.00            | 109.00           | 10.20 | 15.80        | 19.10        | 16,50 | 125.00           | 184.00           | 69.30  | 95.90        | 103.60       |
| 2,30 | 27.00            | 53.00            | 3.20 | 5.70         | 7.00         | 7,25  | 69.00            | 109.00           | 10.20 | 12.80        | 16.00        | 17,00 | 125.00           | 184.00           | 85.10  | 112.50       | 122.00       |
| 2,40 | 30.00            | 57.00            | 3.20 | 5.70         | 7.00         | 7,30  | 69.00            | 109.00           | 10.20 | 15.80        | 18.50        | 17,50 | 130.00           | 191.00           | 91.90  | 120.10       | 130.20       |
| 2,50 | 30.00            | 57.00            | 3.20 | 5.70         | 7.00         | 7,40  | 69.00            | 109.00           | 10.20 | 15.80        | 18.50        | 18,00 | 130.00           | 191.00           | 103.00 | 131.60       | 141.70       |
| 2,60 | 30.00            | 57.00            | 3.20 | 5.70         | 7.00         | 7,50  | 69.00            | 109.00           | 7.70  | 12.80        | 16.00        | 18,50 | 135.00           | 198.00           | 107.40 | 136.60       | 146.20       |
| 2,70 | 33.00            | 61.00            | 3.20 | 5.70         | 7.00         | 7,60  | 75.00            | 117.00           | 12.10 | 18.50        | 21.00        | 19,00 | 135.00           | 198.00           | 113.70 | 145.50       | 156.30       |
| 2,75 | 33.00            | 61.00            | 3.90 | 5.70         | 7.00         | 7,70  | 75.00            | 117.00           | 12.10 | 18.50        | 21.00        | 19,50 | 140.00           | 205.00           | 116.90 | 148.70       | 159.50       |
| 2,80 | 33.00            | 61.00            | 3.90 | 5.70         | 7.00         | 7,75  | 75.00            | 117.00           | 12.10 | 14.00        | 16.60        | 20,00 | 140.00           | 205.00           | 179.90 | 179.90       | 191.30       |
| 2,90 | 33.00            | 61.00            | 3.90 | 5.70         | 7.00         | 7,80  | 75.00            | 117.00           | 12.10 | 18.50        | 21.00        |       |                  |                  |        |              |              |
| 3,00 | 33.00            | 61.00            | 3.20 | 5.70         | 7.00         | 7,90  | 75.00            | 117.00           | 12.10 | 18.50        | 21.00        |       |                  |                  |        |              |              |
| 3,10 | 36.00            | 65.00            | 3.90 | 5.70         | 7.70         | 8,00  | 75.00            | 117.00           | 9.60  | 14.00        | 16.60        |       |                  |                  |        |              |              |
| 3,20 | 36.00            | 65.00            | 3.90 | 5.70         | 7.70         | 8,10  | 75.00            | 117.00           | 12.10 | 19.70        | 22.90        |       |                  |                  |        |              |              |
| 3,25 | 36.00            | 65.00            | 3.90 | 5.70         | 7.70         | 8,20  | 75.00            | 117.00           | 12.10 | 19.70        | 22.90        |       |                  |                  |        |              |              |
| 3,30 | 36.00            | 65.00            | 3.90 | 5.70         | 7.70         | 8,25  | 75.00            | 117.00           | 12.10 | 19.70        | 22.90        |       |                  |                  |        |              |              |
| 3,40 | 39.00            | 70.00            | 3.90 | 6.40         | 8.30         | 8,30  | 75.00            | 117.00           | 12.10 | 19.70        | 22.90        |       |                  |                  |        |              |              |
| 3,50 | 39.00            | 70.00            | 3.90 | 6.40         | 7.70         | 8,40  | 75.00            | 117.00           | 12.10 | 19.70        | 22.90        |       |                  |                  |        |              |              |
| 3,60 | 39.00            | 70.00            | 3.90 | 6.40         | 8.30         | 8,50  | 75.00            | 117.00           | 9.60  | 19.70        | 21.00        |       |                  |                  |        |              |              |
| 3,70 | 39.00            | 70.00            | 3.90 | 6.40         | 8.30         | 8,60  | 81.00            | 125.00           | 14.20 | 19.70        | 22.90        |       |                  |                  |        |              |              |
| 3,75 | 39.00            | 70.00            | 4.50 | 6.40         | 8.30         | 8,70  | 81.00            | 125.00           | 14.20 | 19.70        | 22.90        |       |                  |                  |        |              |              |
| 3,80 | 43.00            | 75.00            | 3.90 | 6.40         | 8.30         | 8,75  | 81.00            | 125.00           | 14.60 | 19.70        | 22.90        |       |                  |                  |        |              |              |
| 3,90 | 43.00            | 75.00            | 3.90 | 6.40         | 8.30         | 8,80  | 81.00            | 125.00           | 14.60 | 19.70        | 22.90        |       |                  |                  |        |              |              |
| 4,00 | 43.00            | 75.00            | 3.90 | 6.40         | 8.30         | 8,90  | 81.00            | 125.00           | 14.60 | 19.70        | 22.90        |       |                  |                  |        |              |              |
| 4,10 | 43.00            | 75.00            | 3.90 | 7.00         | 8.90         | 9,00  | 81.00            | 125.00           | 12.10 | 24.20        | 21.00        |       |                  |                  |        |              |              |
| 4,20 | 43.00            | 75.00            | 3.90 | 7.00         | 8.90         | 9,10  | 81.00            | 125.00           | 16.00 | 24.20        | 27.40        |       |                  |                  |        |              |              |
| 4,25 | 43.00            | 75.00            | 3.90 | 7.00         | 8.90         | 9,20  | 81.00            | 125.00           | 16.00 | 24.20        | 27.40        |       |                  |                  |        |              |              |
| 4,30 | 47.00            | 80.00            | 4.50 | 8.30         | 10.20        | 9,25  | 81.00            | 125.00           | 16.00 | 24.20        | 27.40        |       |                  |                  |        |              |              |
| 4,40 | 47.00            | 80.00            | 4.50 | 8.30         | 10.20        | 9,30  | 81.00            | 125.00           | 17.20 | 24.20        | 27.40        |       |                  |                  |        |              |              |
| 4,50 | 47.00            | 80.00            | 4.50 | 7.00         | 8.90         | 9,40  | 81.00            | 125.00           | 17.20 | 22.30        | 27.40        |       |                  |                  |        |              |              |
| 4,60 | 47.00            | 80.00            | 4.50 | 8.30         | 10.20        | 9,50  | 81.00            | 125.00           | 12.80 | 26.70        | 25.40        |       |                  |                  |        |              |              |
| 4,70 | 47.00            | 80.00            | 4.50 | 8.30         | 10.20        | 9,60  | 87.00            | 133.00           | 19.70 | 26.70        | 25.40        |       |                  |                  |        |              |              |
| 4,75 | 47.00            | 80.00            | 4.50 | 7.70         | 9.60         | 9,70  | 87.00            | 133.00           | 19.70 | 26.70        | 30.60        |       |                  |                  |        |              |              |
| 4,80 | 52.00            | 86.00            | 4.50 | 8.90         | 10.90        | 9,75  | 87.00            | 133.00           | 19.70 | 26.70        | 30.60        |       |                  |                  |        |              |              |
| 4,90 | 52.00            | 86.00            | 5.20 | 8.90         | 10.90        | 9,80  | 87.00            | 133.00           | 19.70 | 26.70        | 30.60        |       |                  |                  |        |              |              |
| 5,00 | 52.00            | 86.00            | 4.50 | 7.70         | 9.60         | 9,90  | 87.00            | 133.00           | 19.70 | 26.70        | 30.60        |       |                  |                  |        |              |              |
| 5,10 | 52.00            | 86.00            | 5.20 | 8.90         | 10.90        | 10,00 | 87.00            | 133.00           | 14.00 | 28.60        | 24.20        |       |                  |                  |        |              |              |
| 5,20 | 52.00            | 86.00            | 5.20 | 8.90         | 10.90        | 10,20 | 87.00            | 133.00           | 26.70 | 28.60        | 32.50        |       |                  |                  |        |              |              |
| 5,25 | 52.00            | 86.00            | 5.20 | 8.30         | 10.90        | 10,50 | 87.00            | 133.00           | 20.40 | 28.60        | 32.50        |       |                  |                  |        |              |              |
| 5,30 | 52.00            | 86.00            | 5.20 | 8.90         | 10.90        | 10,75 | 94.00            | 142.00           | 24.90 | 28.60        | 32.50        |       |                  |                  |        |              |              |

Bohrer-Kassetten



TIN beschichtet



MC3 beschichtet

| HSSE-Co8<br>Art. Nr. | Ø<br>in mm | Steig-<br>gend | Stk. | Fr.     |
|----------------------|------------|----------------|------|---------|
| 2576                 | 1-10       | 0.5            | 19   | 146.30  |
| 2581B TIN            | 1-10       | 0.5            | 19   | 223.30  |
| 2586B MC3            | 1-10       | 0.5            | 19   | 267.30  |
| 2577                 | 1-13       | 0.5            | 25   | 333.30  |
| 2582B TIN            | 1-13       | 0.5            | 25   | 459.80  |
| 2587B MC3            | 1-13       | 0.5            | 25   | 534.60  |
| 2578                 | 1-5.9      | 0.1            | 50   | 257.40  |
| 2583B TIN            | 1-5.9      | 0.1            | 50   | 434.50  |
| 2588B MC3            | 1-5.9      | 0.1            | 50   | 536.80  |
| 2579                 | 6-10       | 0.1            | 41   | 608.30  |
| 2584B TIN            | 6-10       | 0.1            | 41   | 896.50  |
| 2589B MC3            | 6-10       | 0.1            | 41   | 1040.60 |

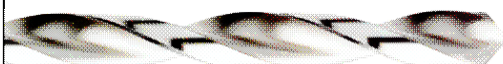
Verpackungseinheit: Ø 1,00 – 6,00 mm 10 Stück / Ø 6,10 – 13,00 mm 5 Stück / Ø 13,25 – 20,00 mm 1 Stück

# HSS ALU-Bohrer

# HSS-Spiralbohrer für Messing

Art.-Nr. 2590

Bestellbeispiel: Art.-Nr. 2590 Ø 1,0 = 25900100



Mit Kreuzanschliff und spez. Ausspitzung

Art.-Nr. 2590 B

Bestellbeispiel: Art.-Nr. 2590b Ø 3,0 = 2590b0300



EXTREM - SPEED - ALU beschichtet

Hochleistungsbohrer für **langspanende** Werkstoffe wie Alu, Alulegierungen, weiches Kupfer, Zink, Kunststoffe und Verbundstoffe. Mehrleistung durch neue EXTREM - SPEED - ALU Beschichtung.

Art.-Nr. 2595



Bestellbeispiel: Art.-Nr. 2595b Ø 12 = 2595b1200

Art.-Nr. 2595 B



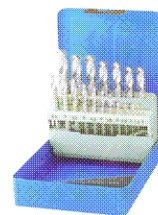
EXTREM - SPEED - beschichtet

Besonders geeignet für Messing und Bronze. Wesentlich besserer Spanabfluss durch geringen Drillwinkel. Spitzwinkel 118°

| Ø mm | Spiral-L | Ges.-L | 2590  | 2590B | 2595  | 2595 B | Ø mm | Spiral-L | Ges.-L | 2590  | 2590B | 2595  | 2595 B |
|------|----------|--------|-------|-------|-------|--------|------|----------|--------|-------|-------|-------|--------|
| 1.0  | 12       | 34     | 5.70  | 7.50  | 4.10  | 6.80   | 7.5  | 69       | 109    | 8.70  | 13.20 | 9.90  | 15.40  |
| 1.5  | 18       | 40     | 2.90  | 4.60  | 3.30  | 6.10   | 7.6  | 75       | 117    | 11.90 | 16.30 | 13.40 | 19.00  |
| 1.6  | 20       | 43     | 2.90  | 4.60  | 3.30  | 6.10   | 7.7  | 75       | 117    | 11.90 | 16.30 | 13.40 | 19.00  |
| 1.7  | 20       | 43     | 2.90  | 4.60  | 3.30  | 6.10   | 7.8  | 75       | 117    | 11.90 | 16.30 | 13.40 | 19.00  |
| 1.8  | 22       | 46     | 2.90  | 4.60  | 3.30  | 6.10   | 7.9  | 75       | 117    | 11.90 | 16.30 | 13.40 | 19.00  |
| 1.9  | 22       | 46     | 2.90  | 4.60  | 3.30  | 6.10   | 8.0  | 75       | 117    | 9.10  | 13.60 | 10.30 | 17.50  |
| 2.0  | 24       | 49     | 2.80  | 4.60  | 3.20  | 5.90   | 8.1  | 75       | 117    | 12.40 | 17.20 | 14.20 | 21.30  |
| 2.1  | 24       | 49     | 2.80  | 4.60  | 3.20  | 5.90   | 8.2  | 75       | 117    | 12.90 | 17.20 | 14.20 | 21.30  |
| 2.2  | 27       | 53     | 2.80  | 4.60  | 3.20  | 5.90   | 8.3  | 75       | 117    | 12.90 | 17.20 | 14.20 | 21.30  |
| 2.3  | 27       | 53     | 2.80  | 4.60  | 3.20  | 5.90   | 8.4  | 75       | 117    | 12.40 | 17.20 | 14.20 | 21.30  |
| 2.4  | 30       | 57     | 3.10  | 4.70  | 3.40  | 6.30   | 8.5  | 75       | 117    | 9.70  | 14.40 | 11.00 | 18.20  |
| 2.5  | 30       | 57     | 2.90  | 4.50  | 3.00  | 5.90   | 8.6  | 81       | 125    | 14.60 | 19.40 | 16.60 | 25.50  |
| 2.6  | 30       | 57     | 3.10  | 4.70  | 3.40  | 6.30   | 8.7  | 81       | 125    | 14.60 | 19.40 | 16.60 | 25.50  |
| 2.7  | 33       | 61     | 3.20  | 5.00  | 3.50  | 6.40   | 8.8  | 81       | 125    | 14.60 | 19.40 | 16.60 | 25.50  |
| 2.8  | 33       | 61     | 3.20  | 5.00  | 3.50  | 6.40   | 8.9  | 81       | 125    | 14.60 | 19.40 | 16.60 | 25.50  |
| 2.9  | 33       | 61     | 3.20  | 5.00  | 3.50  | 6.40   | 9.0  | 81       | 125    | 10.30 | 15.10 | 11.90 | 20.80  |
| 3.0  | 33       | 61     | 3.20  | 5.00  | 3.50  | 6.40   | 9.1  | 81       | 125    | 16.50 | 21.20 | 18.70 | 27.70  |
| 3.1  | 36       | 65     | 3.30  | 6.70  | 3.70  | 6.50   | 9.2  | 81       | 125    | 16.50 | 21.20 | 18.70 | 27.70  |
| 3.2  | 36       | 65     | 3.30  | 6.70  | 3.70  | 6.50   | 9.3  | 81       | 125    | 16.50 | 21.20 | 18.70 | 27.70  |
| 3.3  | 36       | 65     | 3.30  | 6.70  | 3.70  | 6.50   | 9.4  | 81       | 125    | 16.50 | 21.20 | 18.70 | 27.70  |
| 3.4  | 39       | 70     | 3.40  | 6.90  | 4.00  | 6.50   | 9.5  | 81       | 125    | 11.60 | 16.30 | 13.10 | 22.10  |
| 3.5  | 39       | 70     | 3.40  | 6.90  | 4.00  | 6.40   | 9.6  | 87       | 133    | 18.50 | 23.20 | 21.00 | 30.00  |
| 3.6  | 39       | 70     | 3.50  | 7.00  | 4.10  | 6.80   | 9.7  | 87       | 133    | 18.50 | 23.20 | 21.00 | 30.00  |
| 3.7  | 39       | 70     | 3.50  | 7.00  | 4.10  | 6.80   | 9.8  | 87       | 133    | 18.50 | 23.20 | 21.00 | 30.00  |
| 3.8  | 43       | 75     | 3.70  | 7.30  | 4.30  | 7.30   | 9.9  | 87       | 133    | 18.50 | 23.20 | 21.00 | 30.00  |
| 3.9  | 43       | 75     | 3.70  | 7.30  | 4.30  | 7.30   | 10.0 | 87       | 133    | 13.10 | 17.80 | 14.90 | 24.30  |
| 4.0  | 43       | 75     | 3.70  | 7.30  | 4.30  | 7.30   | 10.5 | 87       | 133    | 17.60 | 24.90 | 20.00 | 29.50  |
| 4.1  | 43       | 75     | 3.90  | 7.30  | 4.30  | 7.30   | 11.0 | 94       | 142    | 18.50 | 27.10 | 21.10 | 30.50  |
| 4.2  | 43       | 75     | 3.90  | 7.30  | 4.30  | 7.30   | 11.5 | 94       | 142    | 20.90 | 28.20 | 23.80 | 33.20  |
| 4.3  | 47       | 80     | 4.60  | 8.00  | 5.20  | 8.10   | 12.0 | 101      | 151    | 21.70 | 28.90 | 24.60 | 39.20  |
| 4.4  | 47       | 80     | 4.60  | 8.00  | 5.20  | 8.10   | 12.5 | 101      | 151    | 25.90 | 33.20 | 27.30 | 41.80  |
| 4.5  | 47       | 80     | 4.60  | 8.00  | 5.20  | 8.10   | 13.0 | 101      | 151    | 24.00 | 32.60 | 26.60 | 41.30  |
| 4.6  | 47       | 80     | 4.70  | 8.10  | 5.20  | 8.10   |      |          |        |       |       |       |        |
| 4.7  | 47       | 80     | 4.70  | 8.10  | 5.20  | 8.10   |      |          |        |       |       |       |        |
| 4.8  | 52       | 86     | 4.70  | 8.10  | 5.20  | 8.10   |      |          |        |       |       |       |        |
| 4.9  | 52       | 86     | 4.70  | 8.10  | 5.20  | 8.10   |      |          |        |       |       |       |        |
| 5.0  | 52       | 86     | 4.70  | 8.10  | 5.20  | 8.10   |      |          |        |       |       |       |        |
| 5.1  | 52       | 86     | 5.00  | 8.50  | 5.60  | 8.60   |      |          |        |       |       |       |        |
| 5.2  | 52       | 86     | 5.00  | 8.50  | 5.60  | 8.60   |      |          |        |       |       |       |        |
| 5.3  | 52       | 86     | 5.00  | 8.50  | 5.60  | 8.60   |      |          |        |       |       |       |        |
| 5.4  | 57       | 93     | 6.30  | 9.70  | 7.00  | 10.00  |      |          |        |       |       |       |        |
| 5.5  | 57       | 93     | 5.90  | 9.40  | 6.70  | 9.70   |      |          |        |       |       |       |        |
| 5.6  | 57       | 93     | 6.40  | 9.90  | 7.30  | 10.20  |      |          |        |       |       |       |        |
| 5.7  | 57       | 93     | 6.40  | 9.90  | 7.30  | 10.20  |      |          |        |       |       |       |        |
| 5.8  | 57       | 93     | 6.40  | 9.90  | 7.30  | 10.20  |      |          |        |       |       |       |        |
| 5.9  | 57       | 93     | 6.40  | 9.90  | 7.30  | 10.20  |      |          |        |       |       |       |        |
| 6.0  | 57       | 93     | 6.10  | 9.60  | 7.30  | 11.90  |      |          |        |       |       |       |        |
| 6.1  | 63       | 101    | 6.80  | 11.30 | 7.80  | 13.30  |      |          |        |       |       |       |        |
| 6.2  | 63       | 101    | 6.80  | 11.30 | 7.80  | 13.30  |      |          |        |       |       |       |        |
| 6.3  | 63       | 101    | 6.80  | 11.30 | 7.80  | 13.30  |      |          |        |       |       |       |        |
| 6.4  | 63       | 101    | 7.40  | 11.90 | 8.30  | 13.90  |      |          |        |       |       |       |        |
| 6.5  | 63       | 101    | 7.30  | 11.70 | 8.10  | 13.80  |      |          |        |       |       |       |        |
| 6.6  | 63       | 101    | 7.50  | 12.00 | 8.60  | 14.10  |      |          |        |       |       |       |        |
| 6.7  | 63       | 101    | 7.50  | 12.00 | 8.60  | 14.10  |      |          |        |       |       |       |        |
| 6.8  | 69       | 109    | 7.50  | 12.00 | 8.60  | 14.10  |      |          |        |       |       |       |        |
| 6.9  | 69       | 109    | 7.50  | 12.00 | 8.60  | 14.10  |      |          |        |       |       |       |        |
| 7.0  | 69       | 109    | 7.40  | 12.00 | 8.40  | 13.90  |      |          |        |       |       |       |        |
| 7.1  | 69       | 109    | 10.60 | 15.10 | 12.10 | 17.60  |      |          |        |       |       |       |        |
| 7.2  | 69       | 109    | 10.60 | 15.10 | 12.10 | 17.60  |      |          |        |       |       |       |        |
| 7.3  | 69       | 109    | 10.60 | 15.10 | 12.10 | 17.60  |      |          |        |       |       |       |        |
| 7.4  | 69       | 109    | 10.60 | 15.10 | 12.10 | 17.60  |      |          |        |       |       |       |        |

Verpackungseinheit:

Art.-Nr. 2591 Ø 1-10  
2592 Ø 1-13  
2596 Ø 1-10  
2597 Ø 1-13

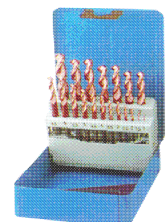


Verpackungseinheit:

Ø 1,00 – 6,00 mm 10 Stück  
Ø 6,10 – 13,00 mm 5 Stück

## Bohrer-Kassetten EXTREM-SPEED-ALU

| HSSE-Co8       | Ø    | Steig-<br>gend | Stk. | Fr.    | B<br>Fr. |
|----------------|------|----------------|------|--------|----------|
| Art.-Nr. 2591  | 1-10 | 0.5            | 19   | 137.50 |          |
| Art.-Nr. 2592  | 1-13 | 0.5            | 25   | 258.50 |          |
| Art.-Nr. 2591B | 1-10 | 0.5            | 19   |        | 201.30   |
| Art.-Nr. 2592B | 1-13 | 0.5            | 25   |        | 366.30   |
| Art.-Nr. 2596  | 1-10 | 0.5            | 19   | 151.80 |          |
| Art.-Nr. 2597  | 1-13 | 0.5            | 25   | 287.10 |          |
| Art.-Nr. 2596B | 1-10 | 0.5            | 19   |        | 238.70   |
| Art.-Nr. 2597B | 1-13 | 0.5            | 25   |        | 443.30   |



EXTREM - SPEED - ALU  
BESCHICHTET

Verpackungseinheit:

Art.-Nr. 2591 B Ø 1-10  
2592 B Ø 1-13  
2596 B Ø 1-10  
2597 B Ø 1-13



# HSS – Spiralbohrer mit Morsekonus

**Art.-Nr. 2603**

Profilgeschliffener Präzisions-Bohrer für unlegierten  
u. legierten Stahl bis ca. 900 N / mm<sup>2</sup>

**Art.-Nr. 2600** Bestellbeispiel: Art.-Nr. 2600 Ø 5,0 = 26000500



Preisgünstige, **rollgewalzte** Ausführung. Oberfläche  
dampfangelassen, für allgemeine Bohrarbeiten



Bestellbeispiel: Art.-Nr. 2603 Ø 80,0 = 26038000



| Ø     | Spi-<br>ral-<br>län-<br>ge | Ge-<br>sam-<br>t-<br>län-<br>ge | M<br>K | 2600  | 2603  | Ø     | Spi-<br>ral-<br>län-<br>ge | Ge-<br>sam-<br>t-<br>län-<br>ge | M<br>K | 2600   | 2603   | Ø    | Spi-<br>ral-<br>län-<br>ge | Ge-<br>sam-<br>t-<br>län-<br>ge | M<br>K | 2600   | 2603    |
|-------|----------------------------|---------------------------------|--------|-------|-------|-------|----------------------------|---------------------------------|--------|--------|--------|------|----------------------------|---------------------------------|--------|--------|---------|
| 12.0  | 101                        | 182                             | 1      | 8.10  | 16.20 | 22.5  | 155                        | 253                             | 2      | 26.60  | 55.40  | 41.5 | 205                        | 354                             | 4      | 115.50 | 265.70  |
| 12.1  | 101                        | 182                             | 1      | —     | 22.00 | 22.75 | 155                        | 253                             | 2      | —      | 60.10  | 42.0 | 205                        | 354                             | 4      | 117.80 | 240.20  |
| 12.2  | 101                        | 182                             | 1      | —     | 25.40 | 23.0  | 155                        | 253                             | 2      | 26.60  | 60.10  | 42.5 | 205                        | 354                             | 4      | 120.10 | 271.50  |
| 12.25 | 101                        | 182                             | 1      | —     | 24.30 | 23.25 | 155                        | 253                             | 3      | —      | 62.40  | 43.0 | 210                        | 359                             | 4      | 122.40 | 263.30  |
| 12.3  | 101                        | 182                             | 1      | —     | 25.40 | 23.5  | 155                        | 253                             | 3      | 30.00  | 62.40  | 43.5 | 210                        | 359                             | 4      | 126.00 | 299.20  |
| 12.4  | 101                        | 182                             | 1      | —     | 25.40 | 23.75 | 160                        | 281                             | 3      | —      | 71.60  | 44.0 | 210                        | 359                             | 4      | 126.00 | 271.50  |
| 12.5  | 101                        | 182                             | 1      | 9.20  | 20.80 | 24.0  | 160                        | 281                             | 3      | 31.20  | 63.60  | 44.5 | 210                        | 359                             | 4      | 130.60 | 321.10  |
| 12.6  | 101                        | 182                             | 1      | —     | 25.40 | 24.25 | 160                        | 281                             | 3      | —      | 72.80  | 45.0 | 215                        | 359                             | 4      | 132.90 | 286.40  |
| 12.7  | 101                        | 182                             | 1      | —     | 22.00 | 24.5  | 160                        | 281                             | 3      | 32.30  | 68.20  | 45.5 | 215                        | 364                             | 4      | 135.20 | 324.60  |
| 12.75 | 101                        | 182                             | 1      | —     | 22.00 | 24.75 | 160                        | 281                             | 3      | —      | 82.10  | 46.0 | 215                        | 364                             | 4      | 136.30 | 304.90  |
| 12.8  | 101                        | 182                             | 1      | —     | 27.70 | 25.0  | 160                        | 281                             | 3      | 32.30  | 75.10  | 46.5 | 215                        | 364                             | 4      | 142.10 | 363.90  |
| 12.9  | 101                        | 182                             | 1      | —     | 27.70 | 25.25 | 165                        | 286                             | 3      | —      | 87.80  | 47.0 | 215                        | 364                             | 4      | 142.10 | 322.30  |
| 13.0  | 101                        | 182                             | 1      | 9.20  | 24.30 | 25.5  | 165                        | 286                             | 3      | 34.70  | 84.40  | 47.5 | 215                        | 364                             | 4      | 145.50 | 374.20  |
| 13.2  | 101                        | 182                             | 1      | —     | 33.60 | 25.75 | 165                        | 286                             | 3      | —      | 92.40  | 48.0 | 220                        | 369                             | 4      | 149.10 | 337.30  |
| 13.25 | 108                        | 189                             | 1      | —     | 28.90 | 26.0  | 165                        | 286                             | 3      | 35.90  | 85.50  | 48.5 | 220                        | 369                             | 4      | 157.10 | 370.80  |
| 13.5  | 108                        | 189                             | 1      | 11.60 | 26.60 | 26.25 | 165                        | 286                             | 3      | —      | 92.40  | 49.0 | 220                        | 369                             | 4      | 157.10 | 350.00  |
| 13.75 | 108                        | 189                             | 1      | —     | 30.00 | 26.5  | 165                        | 286                             | 3      | 35.90  | 86.70  | 49.5 | 220                        | 369                             | 4      | 161.70 | 375.40  |
| 13.8  | 108                        | 189                             | 1      | —     | 33.60 | 26.75 | 170                        | 291                             | 3      | —      | 99.30  | 50.0 | 220                        | 369                             | 4      | 161.70 | 366.20  |
| 14.0  | 108                        | 189                             | 1      | 11.60 | 25.40 | 27.0  | 170                        | 291                             | 3      | 38.20  | 92.40  | 50.5 | 225                        | 374                             | 4      | 194.00 | 378.80  |
| 14.25 | 114                        | 212                             | 2      | —     | 28.90 | 27.25 | 170                        | 291                             | 3      | —      | 104.00 | 51.0 | 225                        | 412                             | 5      | 203.30 | 383.50  |
| 14.5  | 114                        | 212                             | 2      | 13.90 | 28.90 | 27.5  | 170                        | 291                             | 3      | 38.20  | 92.40  | 52.0 | 225                        | 412                             | 5      | 225.30 | 390.40  |
| 14.75 | 114                        | 212                             | 2      | —     | 30.00 | 27.75 | 170                        | 291                             | 3      | —      | 104.00 | 53.0 | 225                        | 412                             | 5      | 240.20 | 395.00  |
| 15.0  | 114                        | 212                             | 2      | 13.90 | 30.00 | 28.0  | 170                        | 291                             | 3      | 38.20  | 94.70  | 54.0 | 230                        | 417                             | 5      | 251.80 | 425.00  |
| 15.25 | 120                        | 218                             | 2      | —     | 34.70 | 28.50 | 175                        | 296                             | 3      | 40.50  | 100.50 | 55.0 | 230                        | 417                             | 5      | 258.70 | 432.00  |
| 15.5  | 120                        | 218                             | 2      | 15.10 | 31.20 | 28.75 | 175                        | 296                             | 3      | —      | 112.10 | 56.0 | 230                        | 417                             | 5      | 263.30 | 432.00  |
| 15.75 | 120                        | 218                             | 2      | —     | 32.30 | 29.0  | 175                        | 296                             | 3      | 45.10  | 106.30 | 57.0 | 235                        | 422                             | 5      | 268.00 | 457.40  |
| 16.0  | 120                        | 218                             | 2      | 15.10 | 30.30 | 29.5  | 175                        | 296                             | 3      | 45.10  | 109.80 | 58.0 | 235                        | 422                             | 5      | 295.70 | 482.80  |
| 16.25 | 125                        | 223                             | 2      | —     | 32.30 | 29.75 | 175                        | 296                             | 3      | —      | 114.40 | 59.0 | 235                        | 422                             | 5      | 304.90 | 482.80  |
| 16.5  | 125                        | 223                             | 2      | 15.10 | 32.30 | 30.0  | 175                        | 296                             | 3      | 45.10  | 93.60  | 60.0 | 235                        | 422                             | 5      | 314.20 | 500.20  |
| 16.75 | 125                        | 223                             | 2      | —     | 33.60 | 30.5  | 180                        | 301                             | 3      | 47.40  | 109.80 | 61.0 | 240                        | 427                             | 5      | 335.00 | 534.80  |
| 17.0  | 125                        | 223                             | 2      | 15.10 | 33.60 | 31.0  | 180                        | 301                             | 3      | 50.80  | 110.90 | 62.0 | 240                        | 427                             | 5      | 344.20 | 542.90  |
| 17.25 | 130                        | 228                             | 2      | —     | 34.70 | 31.5  | 180                        | 306                             | 3      | 50.80  | 115.50 | 63.0 | 240                        | 427                             | 5      | 371.90 | 575.20  |
| 17.5  | 130                        | 228                             | 2      | 16.20 | 34.70 | 32.0  | 185                        | 334                             | 4      | 60.10  | 116.60 | 64.0 | 245                        | 432                             | 5      | 371.90 | 601.80  |
| 18.0  | 130                        | 228                             | 2      | 16.20 | 40.50 | 32.5  | 185                        | 334                             | 4      | 60.10  | 131.70 | 65.0 | 245                        | 432                             | 5      | 380.80 | 636.50  |
| 18.25 | 135                        | 233                             | 2      | —     | 41.60 | 33.0  | 185                        | 334                             | 4      | 66.00  | 131.70 | 66.0 | 245                        | 432                             | 5      | 401.90 | 681.50  |
| 18.5  | 135                        | 233                             | 2      | 17.40 | 41.60 | 33.5  | 185                        | 334                             | 4      | 78.50  | 137.50 | 67.0 | 245                        | 432                             | 5      | 411.20 | 681.50  |
| 18.75 | 135                        | 233                             | 2      | —     | 43.90 | 34.0  | 190                        | 339                             | 4      | 78.50  | 145.50 | 68.0 | 250                        | 437                             | 5      | 421.60 | 732.30  |
| 19.0  | 135                        | 233                             | 2      | 17.40 | 43.90 | 34.5  | 190                        | 339                             | 4      | 78.50  | 161.70 | 69.0 | 250                        | 437                             | 5      | 436.60 | 777.40  |
| 19.25 | 140                        | 238                             | 2      | —     | 46.20 | 35.0  | 190                        | 339                             | 4      | 78.50  | 154.80 | 70.0 | 250                        | 437                             | 5      | 468.90 | 801.60  |
| 19.5  | 140                        | 238                             | 2      | 19.70 | 46.20 | 35.5  | 190                        | 339                             | 4      | 80.90  | 162.90 | 71.0 | 250                        | 437                             | 5      | 489.70 | 817.70  |
| 19.75 | 140                        | 238                             | 2      | —     | 48.50 | 36.0  | 195                        | 344                             | 4      | 80.90  | 164.00 | 72.0 | 255                        | 442                             | 5      | 517.40 | 858.20  |
| 20.0  | 140                        | 238                             | 2      | 19.70 | 42.80 | 36.5  | 195                        | 344                             | 4      | 83.20  | 175.60 | 73.0 | 255                        | 442                             | 5      | 526.70 | 892.90  |
| 20.25 | 145                        | 243                             | 2      | —     | 45.10 | 37.0  | 195                        | 344                             | 4      | 89.00  | 169.80 | 74.0 | 255                        | 442                             | 5      | 537.10 | 933.20  |
| 20.5  | 145                        | 243                             | 2      | 22.00 | 45.10 | 37.5  | 195                        | 344                             | 4      | 89.00  | 186.00 | 75.0 | 255                        | 442                             | 5      | 547.50 | 957.60  |
| 20.75 | 145                        | 243                             | 2      | —     | 45.10 | 38.0  | 200                        | 349                             | 4      | 92.40  | 184.80 | 76.0 | 260                        | 447                             | 5      | 561.30 | 1037.20 |
| 21.0  | 145                        | 243                             | 2      | 22.00 | 45.10 | 38.5  | 200                        | 349                             | 4      | 97.00  | 224.10 | 77.0 | 260                        | 514                             | 6      | 575.20 | 1077.70 |
| 21.25 | 150                        | 248                             | 2      | —     | 47.40 | 39.0  | 200                        | 349                             | 4      | 97.00  | 188.30 | 78.0 | 260                        | 514                             | 6      | 609.80 | 1098.50 |
| 21.5  | 150                        | 248                             | 2      | 23.10 | 48.50 | 39.5  | 200                        | 349                             | 4      | 101.60 | 226.40 | 79.0 | 260                        | 514                             | 6      | 630.60 | 1134.20 |
| 21.75 | 150                        | 248                             | 2      | —     | 48.50 | 40.0  | 200                        | 349                             | 4      | 101.60 | 209.10 | 80.0 | 260                        | 514                             | 6      | 667.60 | 1150.40 |
| 22.0  | 150                        | 248                             | 2      | 23.10 | 53.10 | 40.5  | 205                        | 354                             | 4      | 107.50 | 248.40 | 82.0 | 265                        | 519                             | 6      | 720.70 | —       |
| 22.25 | 150                        | 248                             | 2      | —     | 55.40 | 41.0  | 205                        | 354                             | 4      | 102.90 | 229.90 | 84.0 | 265                        | 519                             | 6      | 779.70 | —       |

# HSS – Spiralbohrer mit Morsekonus dampfbehandelt

Art.-Nr. 2606, DIN 341, lang



| Ø<br>in mm             | Spiral-<br>länge | Gesamt-<br>länge | MK | Preis<br>CHF |
|------------------------|------------------|------------------|----|--------------|
| 12.0                   | 134              | 215              | 1  | 32.30        |
| 12.5                   | 134              | 215              | 1  | 33.60        |
| 13.0                   | 134              | 215              | 1  | 33.60        |
| 13.5                   | 142              | 223              | 1  | 38.20        |
| 14.0                   | 142              | 223              | 1  | 40.50        |
| 14.5                   | 147              | 245              | 2  | 50.80        |
| 15.0                   | 147              | 245              | 2  | 50.80        |
| 15.5                   | 153              | 251              | 2  | 54.30        |
| 16.0                   | 153              | 251              | 2  | 54.30        |
| 16.5                   | 159              | 257              | 2  | 57.80        |
| 17.0                   | 159              | 257              | 2  | 57.80        |
| 17.5                   | 165              | 263              | 2  | 64.70        |
| 18.0                   | 165              | 263              | 2  | 61.30        |
| 18.5                   | 171              | 269              | 2  | 69.30        |
| 19.0                   | 171              | 269              | 2  | 65.90        |
| 19.5                   | 177              | 275              | 2  | 75.10        |
| 20.0                   | 177              | 275              | 2  | 69.30        |
| 20.5                   | 184              | 282              | 2  | 76.20        |
| 21.0                   | 184              | 282              | 2  | 92.40        |
| 21.5                   | 191              | 289              | 2  | 94.70        |
| 22.0                   | 191              | 289              | 2  | 92.40        |
| 22.5                   | 198              | 296              | 2  | 97.00        |
| 23.0                   | 198              | 296              | 2  | 92.40        |
| 23.5                   | 198              | 319              | 3  | 100.50       |
| 24.0                   | 206              | 327              | 3  | 122.40       |
| 24.5                   | 206              | 327              | 3  | 130.60       |
| 25.0                   | 206              | 327              | 3  | 122.40       |
| 25.5                   | 214              | 335              | 3  | 130.60       |
| 26.0                   | 214              | 335              | 3  | 127.10       |
| 26.5                   | 214              | 335              | 3  | 135.20       |
| 27.0                   | 222              | 343              | 3  | 136.30       |
| 27.5                   | 222              | 343              | 3  | 147.80       |
| 28.0                   | 222              | 343              | 3  | 154.80       |
| 28.5                   | 230              | 351              | 3  | 166.30       |
| 29.0                   | 230              | 351              | 3  | 166.30       |
| 29.5                   | 230              | 351              | 3  | 180.20       |
| 30.0                   | 230              | 351              | 3  | 172.20       |
| Grössere Ø auf Anfrage |                  |                  |    |              |

Art.-Nr. 2609, DIN 1870, überlang



| Ø<br>in mm             | Spiral-<br>länge | Gesamt-<br>länge | MK | Preis<br>CHF |
|------------------------|------------------|------------------|----|--------------|
| 12.0                   | 260              | 395              | 1  | 107.50       |
| 12.5                   | 260              | 395              | 1  | 122.40       |
| 13.0                   | 260              | 395              | 1  | 127.10       |
| 13.5                   | 275              | 410              | 1  | 137.50       |
| 14.0                   | 275              | 410              | 1  | 143.20       |
| 14.5                   | 275              | 425              | 2  | 158.30       |
| 15.0                   | 275              | 425              | 2  | 158.30       |
| 15.5                   | 295              | 445              | 2  | 168.60       |
| 16.0                   | 295              | 445              | 2  | 168.60       |
| 16.5                   | 295              | 445              | 2  | 182.50       |
| 17.0                   | 295              | 445              | 2  | 191.70       |
| 17.5                   | 310              | 465              | 2  | 199.90       |
| 18.0                   | 310              | 465              | 2  | 212.50       |
| 18.5                   | 310              | 465              | 2  | 218.40       |
| 19.0                   | 310              | 465              | 2  | 228.70       |
| 19.5                   | 325              | 490              | 2  | 241.50       |
| 20.0                   | 325              | 490              | 2  | 249.50       |
| 20.5                   | 325              | 490              | 2  | 258.70       |
| 21.0                   | 325              | 490              | 2  | 258.70       |
| 21.5                   | 345              | 515              | 2  | 283.00       |
| 22.0                   | 345              | 515              | 2  | 283.00       |
| 22.5                   | 345              | 515              | 2  | 300.30       |
| 23.0                   | 345              | 515              | 2  | 307.20       |
| 23.5                   | 345              | 535              | 3  | 355.70       |
| 24.0                   | 365              | 555              | 3  | 336.20       |
| 24.5                   | 365              | 555              | 3  | 384.70       |
| 25.0                   | 365              | 555              | 3  | 367.30       |
| 25.5                   | 365              | 555              | 3  | 438.90       |
| 26.0                   | 365              | 555              | 3  | 405.50       |
| 26.5                   | 365              | 555              | 3  | 462.00       |
| 27.0                   | 385              | 580              | 3  | 435.50       |
| 27.5                   | 385              | 580              | 3  | 494.30       |
| 28.0                   | 385              | 580              | 3  | 438.90       |
| 28.5                   | 385              | 580              | 3  | 490.90       |
| 29.0                   | 385              | 580              | 3  | 505.90       |
| 29.5                   | 385              | 580              | 3  | 553.30       |
| 30.0                   | 385              | 580              | 3  | 540.50       |
| Grössere Ø auf Anfrage |                  |                  |    |              |



# HSSE-Co5 Spiralbohrer mit Morsekonus

**Art.-Nr. 2610**

Mit Kreuzanschliff



und spez. Ausspitzung

**Art.-Nr. 2610B**

Bestellbeispiel: Art.-Nr. 2610 Ø 10,0 = 26101000

Bestellbeispiel: Art.-Nr. 2610b Ø 13,0 = 2610b1300



**HSSE-Co8** Spiralbohrer für schwerzerspanbare Werkstoffe.

**Kreuzanschliff mit spezieller Ausspitzung für rost- und säurebeständige Stähle ( V2A / V4A ).**



**HSSE-Co8** Spiralbohrer für schwerzerspanbare Werkstoffe.

**Dank Spezial-Beschichtung (MC3) keine Materialaufschweissung sowie eine bessere Spanabfuhr ! Kreuzanschliff mit spezieller Ausspitzung für rost- und säurebeständige Stähle.**

| Ø    | Spiral-länge | Gesamt-länge | M K | 2610  | 2610B | Ø    | Spiral-länge | Gesamt-länge | M K | 2610   | 2610B  | Ø    | Spiral-länge | Gesamt-länge | M K | 2610   | 2610B  |
|------|--------------|--------------|-----|-------|-------|------|--------------|--------------|-----|--------|--------|------|--------------|--------------|-----|--------|--------|
|      |              |              |     |       | MC3   |      |              |              |     |        | MC3    |      |              |              |     |        | MC3    |
| 10.0 | 87           | 168          | 1   | 31.20 | 46.20 | 17.0 | 125          | 223          | 2   | 67.00  | 98.50  | 24.0 | 160          | 281          | 3   | 142.10 | 201.00 |
| 10.5 | 87           | 168          | 1   | 33.60 | 48.50 | 17.5 | 130          | 228          | 2   | 69.30  | 99.30  | 24.5 | 160          | 281          | 3   | 156.00 | 204.50 |
| 11.0 | 94           | 175          | 1   | 32.30 | 49.70 | 18.0 | 130          | 228          | 2   | 72.90  | 120.90 | 25.0 | 160          | 281          | 3   | 151.40 | 199.90 |
| 11.5 | 94           | 175          | 1   | 34.70 | 50.80 | 18.5 | 135          | 233          | 2   | 76.20  | 106.30 | 25.5 | 165          | 286          | 3   | 188.30 | 247.20 |
| 12.0 | 101          | 182          | 1   | 33.60 | 49.70 | 19.0 | 135          | 233          | 2   | 79.80  | 128.30 | 26.0 | 165          | 286          | 3   | 179.10 | 237.90 |
| 12.5 | 101          | 182          | 1   | 37.00 | 54.30 | 19.5 | 140          | 238          | 2   | 84.40  | 165.90 | 26.5 | 165          | 286          | 3   | 198.70 | 257.60 |
| 13.0 | 101          | 182          | 1   | 41.60 | 62.40 | 20.0 | 140          | 238          | 2   | 86.70  | 135.10 | 27.0 | 170          | 291          | 3   | 196.40 | 255.30 |
| 13.5 | 108          | 189          | 1   | 54.30 | 76.20 | 20.5 | 145          | 243          | 2   | 102.90 | 151.40 | 27.5 | 170          | 291          | 3   | 234.50 | 293.40 |
| 14.0 | 108          | 189          | 1   | 52.00 | 72.80 | 21.0 | 145          | 243          | 2   | 104.00 | 152.50 | 28.0 | 170          | 291          | 3   | 202.20 | 261.00 |
| 14.5 | 114          | 212          | 2   | 57.80 | 78.50 | 21.5 | 150          | 248          | 2   | 107.50 | 156.00 | 28.5 | 175          | 296          | 3   | 244.90 | 303.80 |
| 15.0 | 114          | 212          | 2   | 54.30 | 82.10 | 22.0 | 155          | 248          | 2   | 109.80 | 158.30 | 29.0 | 175          | 296          | 3   | 212.50 | 271.40 |
| 15.5 | 120          | 218          | 2   | 59.00 | 86.70 | 22.5 | 155          | 253          | 2   | 126.00 | 174.50 | 29.5 | 175          | 296          | 3   | 256.40 | 315.40 |
| 16.0 | 120          | 218          | 2   | 59.00 | 86.70 | 23.0 | 155          | 253          | 2   | 128.30 | 176.80 | 30.0 | 175          | 296          | 3   | 224.10 | 283.00 |
| 16.5 | 125          | 223          | 2   | 63.60 | 91.30 | 23.5 | 160          | 276          | 3   | 140.90 | 189.40 |      |              |              |     |        |        |

## HSS Blechbohrer

Mit Kreuzanschliff



und spez. Ausspitzung

Speziell zum Bohren von Blech. Ohne Fase am Umfang. Die Bohrungen werden dadurch rund und massgenau.

**Art.-Nr. 2613**

**Art.-Nr. 2614**

Bestellbeispiel: Art.-Nr. 2613 Ø 2,2 = 26130220

Bestellbeispiel: Art.-Nr. 2614 Ø 2,2 = 26140220



**einseitig**



**doppelseitig**

| Ø mm | Spiral-länge einseitig | Spiral-länge doppelseitig | Gesamt-länge | 2613 CHF einseitig | 2614 CHF doppelseitig | Ø mm | Spiral-länge einseitig | Spiral-länge doppelseitig | Gesamt-länge | 2613 CHF einseitig | 2614 CHF doppelseitig |
|------|------------------------|---------------------------|--------------|--------------------|-----------------------|------|------------------------|---------------------------|--------------|--------------------|-----------------------|
| 2.2  | —                      | 13                        | 40           | —                  | 2.90                  | 4.2  | 14                     | 22                        | 55           | 2.20               | 2.90                  |
| 2.4  | —                      | 14                        | 43           | —                  | 2.90                  | 4.3  | 24                     | 24                        | 58           | 2.20               | 6.30                  |
| 2.5  | 10                     | 14                        | 43           | 1.50               | 2.90                  | 4.4  | 24                     | 24                        | 58           | 2.90               | 6.30                  |
| 2.8  | 16                     | 16                        | 46           | 1.50               | 2.90                  | 4.5  | 24                     | 24                        | 58           | 2.90               | 4.00                  |
| 3.0  | 11                     | 16                        | 46           | 1.50               | 2.90                  | 4.6  | 24                     | 24                        | 58           | 2.90               | 6.10                  |
| 3.1  | 12                     | 18                        | 49           | 1.70               | 2.60                  | 4.9  | 17                     | 26                        | 62           | 2.90               | 6.10                  |
| 3.2  | 12                     | 18                        | 49           | 1.70               | 2.60                  | 5.0  | 17                     | 26                        | 62           | 2.90               | 4.40                  |
| 3.4  | 20                     | 20                        | 52           | 1.70               | 2.60                  | 5.2  | 17                     | 26                        | 62           | 2.90               | 6.30                  |
| 3.5  | 13                     | 20                        | 52           | 1.70               | 2.90                  | 5.3  | 26                     | 26                        | 62           | 3.30               | 6.30                  |
| 3.7  | 20                     | 20                        | 52           | 2.20               | 2.90                  | 5.5  | 28                     | 28                        | 66           | 3.30               | 5.40                  |
| 3.8  | 22                     | 22                        | 55           | 2.20               | 2.90                  | 5.6  | 28                     | 28                        | 66           | 3.30               | 8.00                  |
| 4.0  | 14                     | 22                        | 55           | 2.20               | 2.90                  | 5.8  | 28                     | 28                        | 66           | 3.30               | 8.00                  |
| 4.1  | 14                     | 22                        | 55           | 2.20               | 2.90                  | 6.0  | 19                     | 28                        | 66           | 3.30               | 5.50                  |

# HSS-E-Co - BOHRER - EXPLOR - BESCHICHTET

Art.-Nr. 2640 B Bestell-Beispiel: Art.-Nr. 2640b Ø 10,2 = Bestell-Nr. 2640b1020



Mit Kreuzanschliff und spez. Ausspitzung

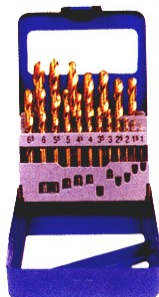


HSS-E-Cobalt-Bohrer mit neuer EXPLOR-Hartstoffschicht für sämtliche Stähle. Besonders gut für INOX.  
Sehr gut geeignet für hochlegierte und schwer zerspanbare, sowie rost- und säurebeständige Stähle (VA).

| Ø mm | Spiral-länge | Gesamt-länge | Art.Nr. 2640 B | Ø mm | Spiral-länge | Gesamt-länge | Art.Nr. 2640 B | Ø mm | Spiral-länge | Gesamt-länge | Art.Nr. 2640 B | Ø mm  | Spiral-länge | Gesamt-länge | Art.Nr. 2640 B |
|------|--------------|--------------|----------------|------|--------------|--------------|----------------|------|--------------|--------------|----------------|-------|--------------|--------------|----------------|
| 1,00 | 12           | 34           | 2.50           | 3,70 | 39           | 70           | 2.80           | 6,40 | 63           | 101          | 6.50           | 9,10  | 81           | 125          | 12.80          |
| 1,10 | 14           | 36           | 2.50           | 3,80 | 43           | 75           | 2.80           | 6,50 | 63           | 101          | 5.90           | 9,20  | 81           | 125          | 12.80          |
| 1,20 | 16           | 38           | 2.50           | 3,90 | 43           | 75           | 2.80           | 6,60 | 63           | 101          | 8.30           | 9,30  | 81           | 125          | 12.80          |
| 1,30 | 16           | 38           | 2.50           | 4,00 | 43           | 75           | 2.40           | 6,70 | 63           | 101          | 8.30           | 9,40  | 81           | 125          | 12.80          |
| 1,40 | 18           | 40           | 2.50           | 4,10 | 43           | 75           | 2.60           | 6,80 | 69           | 109          | 8.30           | 9,50  | 81           | 125          | 12.80          |
| 1,50 | 18           | 40           | 2.10           | 4,20 | 43           | 75           | 2.60           | 6,90 | 69           | 109          | 8.30           | 9,60  | 87           | 133          | 13.10          |
| 1,60 | 20           | 43           | 2.10           | 4,30 | 47           | 80           | 3.00           | 7,00 | 69           | 109          | 6.80           | 9,70  | 87           | 133          | 13.10          |
| 1,70 | 20           | 43           | 2.10           | 4,40 | 47           | 80           | 3.00           | 7,10 | 69           | 109          | 8.30           | 9,80  | 87           | 133          | 13.10          |
| 1,80 | 22           | 46           | 2.10           | 4,50 | 47           | 80           | 3.00           | 7,20 | 69           | 109          | 8.30           | 9,90  | 87           | 133          | 13.10          |
| 1,90 | 22           | 46           | 2.10           | 4,60 | 47           | 80           | 3.90           | 7,30 | 69           | 109          | 8.30           | 10,00 | 87           | 133          | 10.50          |
| 2,00 | 24           | 49           | 1.70           | 4,70 | 47           | 80           | 3.90           | 7,40 | 69           | 109          | 8.30           | 10,20 | 87           | 133          | 16.50          |
| 2,10 | 24           | 49           | 2.00           | 4,80 | 52           | 86           | 3.90           | 7,50 | 69           | 109          | 7.30           | 10,50 | 87           | 133          | 16.50          |
| 2,20 | 27           | 53           | 2.00           | 4,90 | 52           | 86           | 3.90           | 7,60 | 75           | 117          | 8.80           | 10,75 | 94           | 142          | 16.50          |
| 2,30 | 27           | 53           | 2.00           | 5,00 | 52           | 86           | 3.30           | 7,70 | 75           | 117          | 8.80           | 11,00 | 94           | 142          | 21.10          |
| 2,40 | 30           | 57           | 2.00           | 5,10 | 52           | 86           | 4.20           | 7,80 | 75           | 117          | 8.80           | 11,25 | 94           | 142          | 20.60          |
| 2,50 | 30           | 57           | 1.70           | 5,20 | 52           | 86           | 4.20           | 7,90 | 75           | 117          | 7.60           | 11,50 | 94           | 142          | 18.80          |
| 2,60 | 30           | 57           | 2.10           | 5,30 | 52           | 86           | 4.20           | 8,00 | 75           | 117          | 7.70           | 11,75 | 94           | 142          | 22.70          |
| 2,70 | 33           | 61           | 2.10           | 5,40 | 57           | 93           | 4.20           | 8,10 | 75           | 117          | 9.60           | 12,00 | 101          | 151          | 19.50          |
| 2,80 | 33           | 61           | 2.10           | 5,50 | 57           | 93           | 3.90           | 8,20 | 75           | 117          | 9.60           | 12,25 | 101          | 151          | 26.10          |
| 2,90 | 33           | 61           | 2.10           | 5,60 | 57           | 93           | 4.70           | 8,30 | 75           | 117          | 9.60           | 12,50 | 101          | 151          | 22.20          |
| 3,00 | 33           | 61           | 1.70           | 5,70 | 57           | 93           | 4.70           | 8,40 | 75           | 117          | 9.60           | 12,75 | 101          | 151          | 33.70          |
| 3,10 | 36           | 65           | 2.00           | 5,80 | 57           | 93           | 4.70           | 8,50 | 75           | 117          | 9.60           | 13,00 | 101          | 151          | 22.70          |
| 3,20 | 36           | 65           | 2.00           | 5,90 | 57           | 93           | 4.70           | 8,60 | 81           | 125          | 10.90          | 13,25 | 101          | 160          | 34.90          |
| 3,30 | 36           | 65           | 2.10           | 6,00 | 57           | 93           | 3.90           | 8,70 | 81           | 125          | 10.90          | 13,50 | 108          | 160          | 32.00          |
| 3,40 | 39           | 70           | 2.60           | 6,10 | 63           | 101          | 6.50           | 8,80 | 81           | 125          | 10.90          | 14,00 | 108          | 160          | 32.00          |
| 3,50 | 39           | 70           | 2.10           | 6,20 | 63           | 101          | 6.50           | 8,90 | 81           | 125          | 10.90          |       |              |              |                |
| 3,60 | 39           | 70           | 2.80           | 6,30 | 63           | 101          | 6.50           | 9,00 | 81           | 125          | 10.90          |       |              |              |                |

## HSS-E-Co-Bohrer-Kassette

Ø 1 - 10 mm  
+ Ø 3,3 mm  
+ Ø 4,2 mm



## HSS-E-Co-Bohrer-Probeset

Ø 4 / 5 / 6 / 8 / 10 mm



| HSS-E-Co-Bohrer-Kassette EXPLOR-beschichtet | Ø Bereich | Ab-stufung | Stk. | CHF    |
|---------------------------------------------|-----------|------------|------|--------|
| Art.-Nr. 2642                               | Ø 1-10    | 0.5        | 21   | 111.-  |
| Art.-Nr. 2643                               | Ø 1-13    | 0,5        | 25   | 226.-- |
| Art.-Nr. 2644                               | Ø 1-5,9   | 0,1        | 50   | 152.-- |
| Art.-Nr. 2645                               | Ø 6-10    | 0,1        | 41   | 383.-- |

| HSS-E-Co-Bohrer-Probeset EXPLOR-beschichtet | Ø Bereich | Stk. | CHF   |
|---------------------------------------------|-----------|------|-------|
| Art.-Nr. 2641                               | Ø 4-10    | 5    | 26.-- |

Auslaufartikel:  
Nur erhältlich solange Vorrat

# HSS- und HSS-E -Co8 Blechschälbohrer

HSS  
2620

HSS MC3  
2620 B

MC3

HSS-E-Co8  
2625

HSS-E-Co8 MC3  
2625 B

MC3

Dieser, aus dem Vollen geschliffene Präzisions - Schälbohrer hat eine wesentlich bessere Schneidkante und damit höhere Standzeit.  
HSS-E-Co8 Blechschälbohrer empfehlen wir für schwer zerspanbare + **rostfreie Stähle. Mehrleistung durch MC3 - Beschichtung !**

| Thermo<br>Plast.<br>Alu | Alu<br>Guss<br>> 10% | Stahl<br>< 750N     | Stahl<br>< 900N | Stahl<br>< 1400 | Stahl<br>< 55HR | INOX   | Ti<br>+<br>Cu | GG<br>(G) | Uni-<br>versal | HSS<br>2620 | HSS-B<br>MC3<br>2620 B | HSSE-Co<br>2625 | HSSE-Co-B<br>MC3<br>2625 B |
|-------------------------|----------------------|---------------------|-----------------|-----------------|-----------------|--------|---------------|-----------|----------------|-------------|------------------------|-----------------|----------------------------|
| ○                       | ○                    | ●                   | ●               | ○               | ○               | ○      | ○             | ○         | ●              |             |                        |                 |                            |
| Bohrbereich<br>mm       | Schaft- Ø<br>mm      | Gesamt-<br>länge mm |                 |                 |                 |        |               |           |                |             |                        |                 |                            |
| 3.0 - 14.0              | 6                    | 58                  |                 | 13.70           | 25.20           | 29.40  | 44.10         |           |                |             |                        |                 |                            |
| 4.0 - 20.0              | 8                    | 71                  |                 | 23.10           | 29.40           | 41.00  | 59.90         |           |                |             |                        |                 |                            |
| 8.0 - 20.0              | 8                    | 60                  |                 | 18.90           | 25.20           | 30.50  | 36.80         |           |                |             |                        |                 |                            |
| 4.0 - 30.5              | 10                   | 90                  |                 | 54.60           | 77.70           | ---    | ---           |           |                |             |                        |                 |                            |
| 16.0 - 30.5             | 9                    | 76                  |                 | 37.80           | 58.80           | 62.00  | 83.00         |           |                |             |                        |                 |                            |
| 24.0 - 40.0             | 10                   | 89                  |                 | 78.80           | 113.40          | ---    | ---           |           |                |             |                        |                 |                            |
| 20.0 - 40.0             | 10                   | 100                 |                 | ---             | ---             | 103.00 | 132.30        |           |                |             |                        |                 |                            |
| 36.0 - 50.0             | 12                   | 97                  |                 | 113.40          | 149.10          | ---    | ---           |           |                |             |                        |                 |                            |
| 28.0 - 50.0             | 10                   | 100                 |                 | ---             | ---             | 134.40 | 176.40        |           |                |             |                        |                 |                            |
| 40.0 - 61.0             | 13                   | 103                 |                 | 188.00          | 233.10          | ---    | ---           |           |                |             |                        |                 |                            |
| 5.0 - 25.4              | 10                   | 87                  |                 | 44.10           | 69.30           | ---    | ---           |           |                |             |                        |                 |                            |
| 5.0 - 31.0              | 10                   | 103                 |                 | 58.80           | 81.90           | 81.90  | 103.00        |           |                |             |                        |                 |                            |
| 5.0 - 22.5              | 8                    | 79                  |                 | 33.50           | 57.75           | ---    | ---           |           |                |             |                        |                 |                            |

Best.-Nr.  
2620...  
2620b...  
2625...  
2625b...



2620

2620 B

HSS-E-Co8  
2625 2625 B



|                |        |
|----------------|--------|
| Satz HSS 2622  | 74.60  |
| HSS-E-Co8 2627 | 132.30 |



|                  |        |
|------------------|--------|
| Satz HSS 2622 B  | 113.40 |
| HSS-E-Co8 2627 B | 186.90 |

Satz HSS Ø3-14 / 4-20 / 16-30.5/ Gratis Spray

Satz HSS-E-Co8 Ø3-14 / 4-20 / 16-30.5/ Gratis Spray

Satz HSS Ø3-14 / 4-20 / 16-30.5/ Gratis Spray

Satz HSS-E-Co8 Ø3-14 / 4-20 / 16-30.5/ Gratis Spray

## HSS- und HSS-E-Co8 Mehrstufenaufbohrer

HSS  
2630

HSS MC3  
2630 B

MC3

HSS  
2633

HSS MC3  
2633 B

MC3

HSS-E-Co8  
2635

HSS-E-Co8 MC3  
2635 B

MC3

Präzisionsgeschliffene Mehrstufenbohrer zum Aufbohren und Entgraten von Stahlblechen bis 4mm.  
HSS-E-Co8 - Aufbohrer empfehlen wir für schwer zerspanbare und **rostfreie Stähle. Mehrleistung durch MC3 - Beschichtung.**

| Thermo<br>Plast.<br>Alu | Alu<br>Guss<br>> 10% Si | Stahl<br>< 750N      | Stahl<br>< 900N   | Stahl<br>< 1400N | Stahl<br>< 55HRC | INOX   | Ti<br>+<br>Cu | GG<br>(G) | Uni-<br>versal | HSS<br>2630 | HSS-B<br>MC3<br>2630 B | HSS<br>2633 | HSS-B<br>MC3<br>2633 | HSSE-Co<br>2635 | HSSE-Co-B<br>MC3<br>2635 B |
|-------------------------|-------------------------|----------------------|-------------------|------------------|------------------|--------|---------------|-----------|----------------|-------------|------------------------|-------------|----------------------|-----------------|----------------------------|
| ○                       | ○                       | ○                    | ●                 | ●                | ○                | ○      | ○             | ○         | ●              |             |                        |             |                      |                 |                            |
| Bohrbereich<br>mm       | Schaft- Ø<br>mm         | Ges.-<br>länge<br>mm | Stufen-<br>anzahl |                  |                  |        |               |           |                |             |                        |             |                      |                 |                            |
| 4.0 - 12.0              | 6                       | 70                   | 5                 | 20.00            | 30.50            | 35.10  | 47.20         | 47.20     | 61.60          |             |                        |             |                      |                 |                            |
| 4.0 - 20.0              | 8                       | 75                   | 9                 | 29.40            | 47.30            | 54.40  | 74.90         | 66.50     | 86.90          |             |                        |             |                      |                 |                            |
| 4.0 - 30.0              | 10                      | 115                  | 14                | 56.70            | 76.70            | 82.10  | 105.10        | 102.70    | 132.80         |             |                        |             |                      |                 |                            |
| 6.0 - 38.0              | 10                      | 100                  | 12                | 92.40            | 117.60           | 143.80 | 172.70        | ---       | ---            |             |                        |             |                      |                 |                            |
| 6.0 - 40.0              | 13                      | 105                  | 16                | 100.80           | 133.40           | 152.10 | 189.60        | ---       | ---            |             |                        |             |                      |                 |                            |
| 4.0 - 39.0              | 10                      | 107                  | 13                | 104.00           | 136.50           | 131.70 | 160.70        | 141.30    | 170.30         |             |                        |             |                      |                 |                            |
| 6.0 - 26.75             | 10                      | 75                   | 8                 | 58.80            | 87.20            | 79.70  | 112.40        | ---       | ---            |             |                        |             |                      |                 |                            |
| 6.0 - 35.0              | 10                      | 94                   | 11                | 71.40            | 99.80            | ---    | ---           | ---       | ---            |             |                        |             |                      |                 |                            |
| 6.0 - 37.0              | 10                      | 100                  | 12                | 107.10           | 142.80           | 143.80 | 184.80        | 159.40    | 200.40         |             |                        |             |                      |                 |                            |



2630

2630 B

Best.-Nr.  
2630...  
2630b...  
2633...  
2633b...  
2635...  
2635b...



2633

2633 B



HSS-E-Co8

2635

2635 B

Satz HSS Ø4-12 / 4-20 / 4-30/ Gratis Spray

Satz HSS-E-Co8 Ø4-12 / 4-20 / 4-30/ Gratis Spray

|                |        |
|----------------|--------|
| Satz HSS 2632  | 106.10 |
| Satz HSS 2634  | 149.10 |
| HSS-E-Co8 2637 | 188.00 |

MC3-beschichtet

|                  |        |
|------------------|--------|
| Satz HSS 2632B   | 154.40 |
| Satz HSS 2634B   | 197.40 |
| HSS-E-Co8 2637 B | 244.70 |

Satz HSS Ø4-12 / 4-20 / 4-30/ Gratis Spray

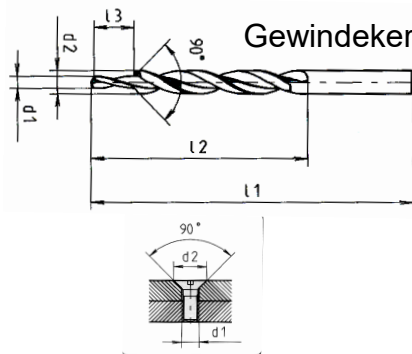
Satz HSS-E-Co8 Ø4-12 / 4-20 / 4-30/ Gratis Spray

# HSS - Mehrfasen - Stufenbohrer

Für Gewidekernloch-Bohrungen. Dampfbehandelt.

## Mehrfasen-Stufenbohrer DIN 8374 90°

Art.-Nr. 2648



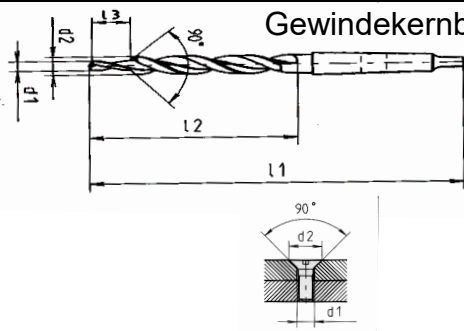
Bestell-Nr.  
2648...

| Gewinde- Ø | d1h8 mm | d2h8 mm | l1 mm | l2 mm | l3 mm | 90° | Preis CHF |
|------------|---------|---------|-------|-------|-------|-----|-----------|
| M 3        | 2.5     | 3.4     | 52    | 20    | 8.8   | 90° | 28.90     |
| M 4        | 3.3     | 4.5     | 58    | 24    | 11.1  | 90° | 31.20     |
| M 5        | 4.2     | 5.5     | 66    | 28    | 13.6  | 90° | 34.70     |
| M 6        | 5.0     | 6.6     | 70    | 31    | 16.5  | 90° | 41.60     |
| M 8        | 6.8     | 9       | 84    | 40    | 21    | 90° | 50.80     |
| M 10       | 8.5     | 11      | 95    | 47    | 25.5  | 90° | 68.20     |



## Mehrfasen-Stufenbohrer mit Morsekonus DIN 8379 90°

Art.-Nr. 2652



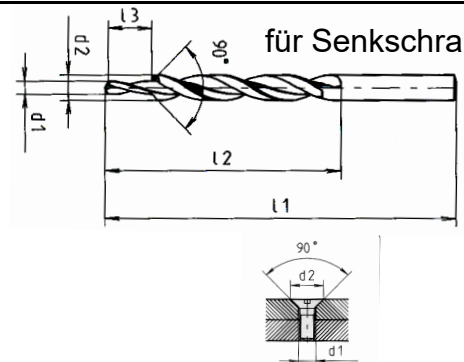
Bestell-Nr.  
2652...

| Gewinde- Ø | d1h8 mm | d2h8 mm | l1 mm | l2 mm | l3 mm | 90° | MK | Preis CHF |
|------------|---------|---------|-------|-------|-------|-----|----|-----------|
| M 12       | 10.2    | 13.5    | 189   | 108   | 30    | 90° | 1  | 91.30     |
| M 14       | 12      | 15.5    | 218   | 120   | 34.5  | 90° | 2  | 134.00    |
| M 16       | 14      | 17.5    | 228   | 130   | 38.5  | 90° | 2  | 137.50    |
| M 18       | 15.5    | 20      | 238   | 140   | 43.5  | 90° | 2  | 158.30    |
| M 20       | 17.5    | 22      | 248   | 150   | 47.5  | 90° | 2  | 194.00    |



## Mehrfasen-Stufenbohrer DIN 8374 90°

Art.-Nr. 2650



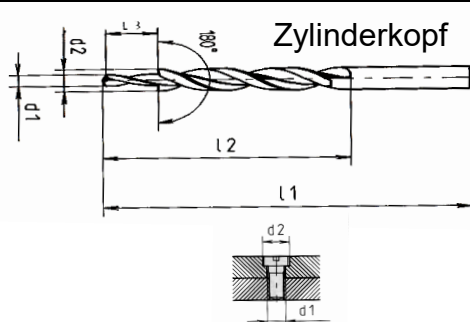
Bestell-Nr.  
2650...

| Gewinde- Ø | d1h8 mm | d2h8 mm | l1 mm | l2 mm | l3 mm | 90° | Preis CHF |
|------------|---------|---------|-------|-------|-------|-----|-----------|
| M 3        | 3.2     | 6       | 93    | 57    | 9     | 90° | 51.00     |
| M 4        | 4.3     | 8       | 117   | 75    | 11    | 90° | 61.80     |
| M 5        | 5.3     | 10      | 133   | 87    | 13    | 90° | 77.70     |
| M 6        | 6.4     | 11.5    | 142   | 94    | 15    | 90° | 91.70     |
| M 8        | 8.4     | 15      | 169   | 114   | 19    | 90° | 152.20    |



## Mehrfasen-Stufenbohrer DIN 8376 180°

Art.-Nr. 2654



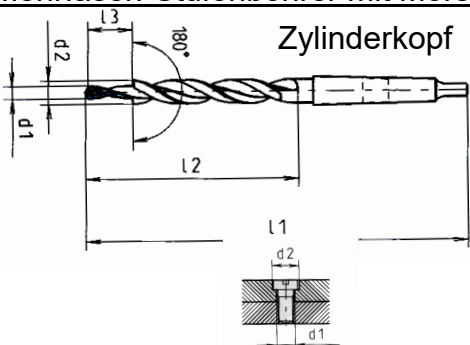
Bestell-Nr.  
2654...

| Gewinde- Ø | d1h8 mm | d2h8 mm | l1 mm | l2 mm | l3 mm | 180° | Preis CHF |
|------------|---------|---------|-------|-------|-------|------|-----------|
| M 3        | 3.4     | 6       | 93    | 57    | 9     | 180° | 53.90     |
| M 4        | 4.5     | 8       | 117   | 75    | 11    | 180° | 62.80     |
| M 5        | 5.5     | 10      | 133   | 87    | 13    | 180° | 72.40     |
| M 6        | 6.6     | 11      | 142   | 94    | 15    | 180° | 80.90     |
| M 8        | 9       | 15      | 169   | 114   | 19    | 180° | 117.50    |
| M 10       | 11      | 18      | 191   | 130   | 23    | 180° | 207.70    |



## Mehrfasen-Stufenbohrer mit Morsekonus DIN 8377 180°

Art.-Nr. 2656



Bestell-Nr.  
2656...

| Gewinde- Ø | d1h8 mm | d2h8 mm | l1 mm | l2 mm | l3 mm | 180° | MK | Preis CHF |
|------------|---------|---------|-------|-------|-------|------|----|-----------|
| M 10       | 11      | 18      | 228   | 130   | 23    | 180° | 2  | 124.70    |
| M 12       | 13.5    | 20      | 238   | 140   | 27    | 180° | 2  | 151.40    |
| M 14       | 15.5    | 24      | 281   | 160   | 31    | 180° | 3  | 187.10    |
| M 16       | 17.5    | 26      | 286   | 165   | 35    | 180° | 3  | 218.40    |
| M 20       | 22      | 33      | 334   | 185   | 43    | 180° | 4  | 286.40    |

