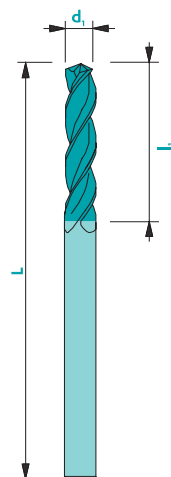


## Spiralbohrer Z3



| Werkstoffe           | Vc<br>unbeschichtet | Vc<br>beschichtet | Unbeschichtet | beschichtet | Empfohlene<br>Beschichtung* |
|----------------------|---------------------|-------------------|---------------|-------------|-----------------------------|
| Stahl < 700 N/mm²    | 70                  | 80                | □             | □           | Tisi (BQ)                   |
| Stahl > 700 N/mm²    | 60                  | 70                | □             | □           | Tisi (BQ)                   |
| Nichtrostende Stähle | 20                  | 40                | □             | □           | Tisi (BQ)                   |
| Gusseisen            | 60                  | 70                | □             | □           | Tisi (BQ)                   |
| Kupfer               | 100                 | 130               | □             | □           | Solo (DA)                   |
| Messing - Bronze     | 80                  | 120               | ■             | ■           | Solo (DA)                   |
| Aluminium            | 100                 | 120               | □             | □           | Solo (DA)                   |
| Gold - Silber        | 80                  | 100               | ■             | ■           | Solo (DA)                   |
| Platin - Palladium   | -                   | 20                | -             | □           | Solo (DA)                   |
| Superlegierungen     | -                   | 25                | -             | ■           | Trio (PO)                   |
| Titan                | 40                  | 60                | ■             | ■           | Rico (ZB)                   |

nicht geeignet - geeignet □ sehr geeignet ■

Toleranzen  $d_1$ : h5

Erhältlich unbeschichtet und beschichtet (Siehe Seite 308)



140°

Z3



λ  
34°

CARB

| Art. n°    | $d_1$ | $l_1$ | L  | Unbesch. | Rico/DARK* |
|------------|-------|-------|----|----------|------------|
| 353-1d1.00 | 1.00  | 6.0   | 38 | ▲        | ▲          |
| 353-1d1.10 | 1.10  | 6.5   | 38 | ▲        | ▲          |
| 353-1d1.20 | 1.20  | 7.5   | 38 | ▲        | ▲          |
| 353-1d1.30 | 1.30  | 7.5   | 38 | ▲        | ▲          |
| 353-1d1.40 | 1.40  | 8.5   | 38 | ▲        | ▲          |
| 353-1d1.50 | 1.50  | 8.5   | 38 | ▲        | ▲          |
| 353-1d1.60 | 1.60  | 9.5   | 38 | ▲        | ▲          |
| 353-1d1.70 | 1.70  | 9.5   | 38 | ▲        | ▲          |
| 353-1d1.80 | 1.80  | 10.5  | 38 | ▲        | ▲          |
| 353-1d1.90 | 1.90  | 10.5  | 38 | ▲        | ▲          |
| 353-1d2.00 | 2.00  | 11.5  | 38 | ▲        | ▲          |
| 353-1d2.10 | 2.10  | 11.5  | 38 | ▲        | ▲          |
| 353-1d2.20 | 2.20  | 12.5  | 40 | ▲        | ▲          |
| 353-1d2.30 | 2.30  | 12.5  | 40 | ▲        | ▲          |
| 353-1d2.40 | 2.40  | 13.5  | 43 | ▲        | ▲          |
| 353-1d2.50 | 2.50  | 13.5  | 43 | ▲        | ▲          |
| 353-1d2.60 | 2.60  | 13.5  | 43 | ▲        | ▲          |
| 353-1d2.70 | 2.70  | 15.5  | 46 | ▲        | ▲          |
| 353-1d2.80 | 2.80  | 15.5  | 46 | ▲        | ▲          |
| 353-1d2.90 | 2.90  | 15.5  | 46 | ▲        | ▲          |
| 353-1d3.00 | 3.00  | 15.5  | 46 | ▲        | ▲          |
| 353-1d3.10 | 3.10  | 17.0  | 49 | ▲        | ▲          |
| 353-1d3.20 | 3.20  | 17.0  | 49 | ▲        | ▲          |
| 353-1d3.30 | 3.30  | 17.0  | 49 | ▲        | ▲          |
| 353-1d3.40 | 3.40  | 19.0  | 52 | ▲        | ▲          |
| 353-1d3.50 | 3.50  | 19.0  | 52 | ▲        | ▲          |
| 353-1d3.60 | 3.60  | 19.0  | 52 | ▲        | ▲          |
| 353-1d3.70 | 3.70  | 19.0  | 52 | ▲        | ▲          |
| 353-1d3.80 | 3.80  | 21.0  | 55 | ▲        | ▲          |

| Art. n°    | $d_1$ | $l_1$ | L  | Unbesch. | Rico/DARK* |
|------------|-------|-------|----|----------|------------|
| 353-1d3.90 | 3.90  | 21.0  | 55 | ▲        | ▲          |
| 353-1d4.00 | 4.00  | 21.0  | 55 | ▲        | ▲          |
| 353-1d4.10 | 4.10  | 21.0  | 55 | ▲        | ▲          |
| 353-1d4.20 | 4.20  | 21.0  | 55 | ▲        | ▲          |
| 353-1d4.30 | 4.30  | 22.5  | 58 | ▲        | ▲          |
| 353-1d4.40 | 4.40  | 22.5  | 58 | ▲        | ▲          |
| 353-1d4.50 | 4.50  | 22.5  | 58 | ▲        | ▲          |
| 353-1d4.60 | 4.60  | 22.5  | 58 | ▲        | ▲          |
| 353-1d4.70 | 4.70  | 22.5  | 58 | ▲        | ▲          |
| 353-1d4.80 | 4.80  | 24.5  | 62 | ▲        | ▲          |
| 353-1d4.90 | 4.90  | 24.5  | 62 | ▲        | ▲          |
| 353-1d5.00 | 5.00  | 24.5  | 62 | ▲        | ▲          |
| 353-1d5.10 | 5.10  | 24.5  | 62 | ▲        | ▲          |
| 353-1d5.20 | 5.20  | 24.5  | 62 | ▲        | ▲          |
| 353-1d5.30 | 5.30  | 24.5  | 62 | ▲        | ▲          |
| 353-1d5.40 | 5.40  | 26.0  | 66 | ▲        | ▲          |
| 353-1d5.50 | 5.50  | 26.0  | 66 | ▲        | ▲          |
| 353-1d5.60 | 5.60  | 26.0  | 66 | ▲        | ▲          |
| 353-1d5.70 | 5.70  | 26.0  | 66 | ▲        | ▲          |
| 353-1d5.80 | 5.80  | 26.0  | 66 | ▲        | ▲          |
| 353-1d5.90 | 5.90  | 26.0  | 66 | ▲        | ▲          |
| 353-1d6.00 | 6.00  | 26.0  | 66 | ▲        | ▲          |
| 353-1d6.10 | 6.10  | 28.5  | 70 | ▲        | ▲          |
| 353-1d6.20 | 6.20  | 28.5  | 70 | ▲        | ▲          |
| 353-1d6.30 | 6.30  | 28.5  | 70 | ▲        | ▲          |
| 353-1d6.40 | 6.40  | 28.5  | 70 | ▲        | ▲          |
| 353-1d6.50 | 6.50  | 28.5  | 70 | ▲        | ▲          |
| 353-1d6.60 | 6.60  | 28.5  | 70 | ▲        | ▲          |
| 353-1d6.70 | 6.70  | 28.5  | 70 | ▲        | ▲          |

\* Preise für andere Beschichtungen: kontaktieren Sie uns!

Um ein beschichtetes Werkzeug zu bestellen, fügen Sie den 2-stelligen Beschichtungscode an die Artikelnummer an.



# Spiralbohrer Z3

## 353-1

Folge

| Art. n°     | d <sub>i</sub> | l <sub>i</sub> | L   | Unbesch. | Rico/<br>DARK |
|-------------|----------------|----------------|-----|----------|---------------|
| 353-1d6.80  | 6.80           | 31.0           | 74  | ▲        | ▲             |
| 353-1d6.90  | 6.90           | 31.0           | 74  | ▲        | ▲             |
| 353-1d7.00  | 7.00           | 31.0           | 74  | ▲        | ▲             |
| 353-1d7.10  | 7.10           | 31.0           | 74  | ▲        | ▲             |
| 353-1d7.20  | 7.20           | 31.0           | 74  | ▲        | ▲             |
| 353-1d7.30  | 7.30           | 31.0           | 74  | ▲        | ▲             |
| 353-1d7.40  | 7.40           | 31.0           | 74  | ▲        | ▲             |
| 353-1d7.50  | 7.50           | 31.0           | 74  | ▲        | ▲             |
| 353-1d7.60  | 7.60           | 34.0           | 79  | ▲        | ▲             |
| 353-1d7.70  | 7.70           | 34.0           | 79  | ▲        | ▲             |
| 353-1d7.80  | 7.80           | 34.0           | 79  | ▲        | ▲             |
| 353-1d7.90  | 7.90           | 34.0           | 79  | ▲        | ▲             |
| 353-1d8.00  | 8.00           | 34.0           | 79  | ▲        | ▲             |
| 353-1d8.10  | 8.10           | 34.0           | 79  | ▲        | ▲             |
| 353-1d8.20  | 8.20           | 34.0           | 79  | ▲        | ▲             |
| 353-1d8.30  | 8.30           | 34.0           | 79  | ▲        | ▲             |
| 353-1d8.40  | 8.40           | 34.0           | 79  | ▲        | ▲             |
| 353-1d8.50  | 8.50           | 34.0           | 79  | ▲        | ▲             |
| 353-1d8.60  | 8.60           | 36.5           | 84  | ▲        | ▲             |
| 353-1d8.70  | 8.70           | 36.5           | 84  | ▲        | ▲             |
| 353-1d8.80  | 8.80           | 36.5           | 84  | ▲        | ▲             |
| 353-1d8.90  | 8.90           | 36.5           | 84  | ▲        | ▲             |
| 353-1d9.00  | 9.00           | 36.5           | 84  | ▲        | ▲             |
| 353-1d9.10  | 9.10           | 36.5           | 84  | ▲        | ▲             |
| 353-1d9.20  | 9.20           | 36.5           | 84  | ▲        | ▲             |
| 353-1d9.30  | 9.30           | 36.5           | 84  | ▲        | ▲             |
| 353-1d9.40  | 9.40           | 36.5           | 84  | ▲        | ▲             |
| 353-1d9.50  | 9.50           | 36.5           | 84  | ▲        | ▲             |
| 353-1d9.60  | 9.60           | 39.0           | 89  | ▲        | ▲             |
| 353-1d9.70  | 9.70           | 39.0           | 89  | ▲        | ▲             |
| 353-1d9.80  | 9.80           | 39.0           | 89  | ▲        | ▲             |
| 353-1d9.90  | 9.90           | 39.0           | 89  | ▲        | ▲             |
| 353-1d10.00 | 10.00          | 39.0           | 89  | ▲        | ▲             |
| 353-1d10.20 | 10.20          | 39.0           | 89  | ▲        | ▲             |
| 353-1d10.50 | 10.50          | 39.0           | 89  | ▲        | ▲             |
| 353-1d11.00 | 11.00          | 43.0           | 95  | ▲        | ▲             |
| 353-1d11.50 | 11.50          | 43.0           | 95  | ▲        | ▲             |
| 353-1d12.00 | 12.00          | 47.0           | 102 | ▲        | ▲             |



Erhältlich unbeschichtet und beschichtet  
(Siehe Seite 308)



140°

**Z3**



λ  
34°

**CARB**

• Preise für ander Beschichtungen: kontaktieren Sie uns!  
Um ein beschichtetes Werkzeug zu bestellen, fügen Sie den  
2-stelligen Beschichtungscode an die Artikelnummer an.