

## FORMAT Taper and deburring countersink tool, HSS, 90° with taper shanktype 1450



Design: HSS, DIN 335-D, 90° countersink angle. Axial and radial taper-ground and CBN deep-ground. With straight clamping slots and drilling spaces ground from full pieces. Also provided with cutting and clearance angles for the most common materials.

Application: Suitable for universal chatter and burr-free drilling, countersinking and deburring work for countersunk screws DIN 963, DIN 964, DIN 965, DIN 966 and DIN 7991 in one step. Please note the large countersink range!

The excellent cutting properties and easy machining process result from the cone-shaped back taper on the coat and angle of rake. The countersink achieves the best results with the strongest feed and lowest cutting speed.

Note: Sufficient supply of coolant is essential for uncoated designs.

### Characteristics

**Cutting direction:** Right

**DIN standard:** 335-D

**Type:** Countersinking cutter

**Point angle:** 90 °

| Diameter<br>mm | Total length<br>mm | Holding system | Material | Article  |
|----------------|--------------------|----------------|----------|----------|
| 15             |                    |                | HSS      | 12594304 |
| 23             | 106                | Morseconus 2   | HSS      | 12125910 |
| 26             | 106                | Morseconus 2   | HSS      | 12125911 |
| 80             | 190                | Morseconus 4   | HSS      | 23410692 |
|                | 85                 | Morseconus 1   |          | 23410681 |
|                | 100                | Morseconus 2   |          | 23410682 |
|                | 106                | Morseconus 2   |          | 23410683 |
|                | 112                | Morseconus 2   |          | 23410685 |
|                | 112                | Morseconus 2   |          | 23410684 |
|                | 118                | Morseconus 2   |          | 23410687 |
|                | 118                | Morseconus 2   |          | 23410686 |
|                | 140                | Morseconus 3   |          | 23410688 |
|                | 145                | Morseconus 3   |          | 23410689 |
|                | 150                | Morseconus 3   |          | 23410690 |
|                | 180                | Morseconus 4   |          | 23410691 |

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