

17000

## HSS Morse Taper Shank DIN343 3 Flute Core Drill



DRILLING

Robust three fluted drill for enlarging holes from approx. 60% of the core drill diameter, that have previously been drilled, cored or punched. Use of Core Drills will ensure corrections of misalignment and concentricity of the preformed hole. The improved surface quality of the enlarged hole guarantees a perfect finishing through a reamer.

|                |                         |
|----------------|-------------------------|
| Discount Group | 25                      |
| Material       | HSS                     |
| Standard       | DIN343                  |
| Depth Of Cut   | 4-5 x Ø                 |
| Point Angle    | 118° 2/3                |
| Packing Unit   | All Sizes Packed in 1's |

|                       |       |
|-----------------------|-------|
| Surface Treatment     | Steam |
| Shank Type            | MTS   |
| Helix Group (Din1836) | N     |
| Cutting Direction     | RH    |
| Tolerance             | h8    |

| MTS1<br>mm Ø | Ø<br>Inch | Ø<br>Dec Inch | O/all<br>Length<br>mm | Flute<br>Length<br>mm |
|--------------|-----------|---------------|-----------------------|-----------------------|
| 6.350        | 1/4"      | 0.2500        | 144.0                 | 63.0                  |
| 7.142        | 9/32"     | 0.2812        | 150.0                 | 69.0                  |
| 7.938        | 5/16"     | 0.3125        | 156.0                 | 75.0                  |
| 8.731        | 11/32"    | 0.3437        | 162.0                 | 81.0                  |
| 9.525        | 3/8"      | 0.3750        | 168.0                 | 87.0                  |
| 10.00        |           | 0.3937        | 168.0                 | 87.0                  |
| 10.317       | 13/32"    | 0.4062        | 168.0                 | 87.0                  |
| 11.00        |           | 0.4330        | 175.0                 | 94.0                  |
| 11.113       | 7/16"     | 0.4375        | 175.0                 | 94.0                  |
| 12.00        |           | 0.4724        | 182.0                 | 101.0                 |
| 12.700       | 1/2"      | 0.5000        | 182.0                 | 101.0                 |
| 13.00        |           | 0.5118        | 182.0                 | 101.0                 |
| 14.00        |           | 0.5511        | 189.0                 | 108.0                 |

| MTS2<br>mm Ø | Ø<br>Inch | Ø<br>Dec Inch | O/all<br>Length<br>mm | Flute<br>Length<br>mm |
|--------------|-----------|---------------|-----------------------|-----------------------|
| 14.288       | 9/16"     | 0.5625        | 212.0                 | 114.0                 |
| 15.00        |           | 0.5905        | 212.0                 | 114.0                 |
| 15.081       | 19/32"    | 0.5937        | 218.0                 | 120.0                 |
| 15.875       | 5/8"      | 0.6250        | 218.0                 | 120.0                 |
| 16.00        |           | 0.6299        | 218.0                 | 120.0                 |
| 16.667       | 21/32"    | 0.6562        | 223.0                 | 125.0                 |
| 17.00        |           | 0.6692        | 223.0                 | 125.0                 |
| 17.463       | 11/16"    | 0.6875        | 228.0                 | 130.0                 |
| 18.00        |           | 0.7086        | 228.0                 | 130.0                 |
| 18.255       | 23/32"    | 0.7187        | 233.0                 | 135.0                 |
| 19.00        |           | 0.7480        | 233.0                 | 135.0                 |
| 19.050       | 3/4"      | 0.7500        | 238.0                 | 140.0                 |
| 19.842       | 25/32"    | 0.7812        | 238.0                 | 140.0                 |
| 20.00        |           | 0.7874        | 238.0                 | 140.0                 |
| 20.638       | 13/16"    | 0.8125        | 243.0                 | 145.0                 |
| 21.00        |           | 0.8267        | 243.0                 | 145.0                 |
| 21.431       | 27/32"    | 0.8437        | 248.0                 | 150.0                 |
| 22.00        |           | 0.8661        | 248.0                 | 150.0                 |
| 22.225       | 7/8"      | 0.8750        | 248.0                 | 150.0                 |
| 23.00        |           | 0.9055        | 253.0                 | 155.0                 |
| 23.017       | 29/32"    | 0.9062        | 253.0                 | 155.0                 |

continued on p83