

75221

HSCo Straight Shank DIN212 H7 Machine Reamer L/H Flute Form 'E'



Left-hand quick spiral reamers designed for machining through holes in steels with tensile strength up to 700 N/mm², ductile stainless steel, long-chipping aluminium, copper and soft plastics. Due to the long taper lead, they are not suitable for blind holes. The Reamers have reduced number of flutes. When operated at the same cutting conditions in comparison with conventionally used, multiple fluted reaming tools, and used with up to 100% higher reaming allowance they produce a clean, chatter-free surface quality, an excellent concentricity on the bore and also gain a substantially longer tool life.

| | |
|----------------|------------------------|
| Discount Group | 07 |
| Material | HSS-E |
| Standard | DIN212 |
| Taper Lead | Approx. 1/6 Cut Length |
| Square Details | N/A |

| | |
|-------------------|-------------------------|
| Packing Unit | All Sizes Packed in 1's |
| Surface Treatment | Bright |
| Shank Type | Straight |
| Type | Form E |
| Flute Form | 45° Spiral. LH Helix |

| Ø mm | Shank Ø | Ø Dec Inch | O/all Length mm | Cut Length mm |
|------|---------|------------|-----------------|---------------|
| 2.00 | 2.00 | 0.0787 | 49.0 | 11.0 |
| 2.50 | 2.50 | 0.0984 | 57.0 | 14.0 |
| 3.00 | 3.00 | 0.1181 | 61.0 | 15.0 |
| 3.20 | 3.20 | 0.1259 | 65.0 | 16.0 |
| 3.50 | 3.50 | 0.1377 | 70.0 | 18.0 |
| 4.00 | 4.00 | 0.1574 | 75.0 | 19.0 |
| 4.50 | 4.50 | 0.1771 | 80.0 | 21.0 |
| 5.00 | 5.00 | 0.1968 | 86.0 | 23.0 |
| 6.00 | 5.60 | 0.2362 | 93.0 | 26.0 |
| 7.00 | 7.10 | 0.2755 | 109.0 | 31.0 |
| 8.00 | 8.00 | 0.3149 | 117.0 | 33.0 |
| 9.00 | 9.00 | 0.3543 | 125.0 | 36.0 |

| Ø mm | Shank Ø | Ø Dec Inch | O/all Length mm | Cut Length mm |
|-------|---------|------------|-----------------|---------------|
| 10.00 | 10.00 | 0.3937 | 133.0 | 38.0 |
| 11.00 | 10.00 | 0.4330 | 142.0 | 41.0 |
| 12.00 | 10.00 | 0.4724 | 151.0 | 44.0 |
| 13.00 | 10.00 | 0.5118 | 151.0 | 44.0 |
| 14.00 | 12.50 | 0.5511 | 160.0 | 47.0 |
| 15.00 | 12.50 | 0.5905 | 162.0 | 50.0 |
| 16.00 | 12.50 | 0.6299 | 170.0 | 52.0 |
| 17.00 | 14.00 | 0.6692 | 175.0 | 54.0 |
| 18.00 | 14.00 | 0.7086 | 182.0 | 56.0 |
| 19.00 | 16.00 | 0.7480 | 189.0 | 58.0 |
| 20.00 | 16.00 | 0.7874 | 195.0 | 60.0 |