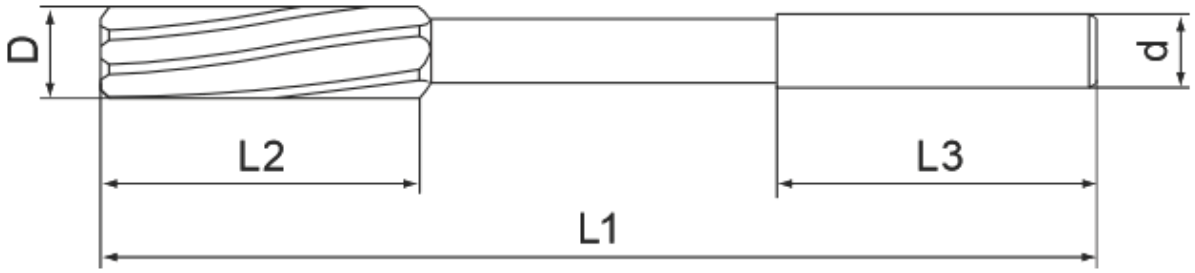
# Maschinenreibahlen HSS-E DIN 212

**Maschinen Präzisionsreibahlen DIN 212 aus HSS-E.**
**Zylindrischer NC Schaft h6, linksspiralig 7 bis 8 Grad, rechtsschneidend.**
**Durchmesserbereich Ø 0.60 bis 20.00 mm in 0.01 mm Abstufung.**

**Optionen:**
- Toleranzausführung H7
- Sondertoleranz 0.005 mm
- Hochleistungs-Hartstoffbeschichtung ACUREA
- Beschichtungen: TiN, TiCN oder AlTiN
- Innenkühlung ab Ø 3 mm

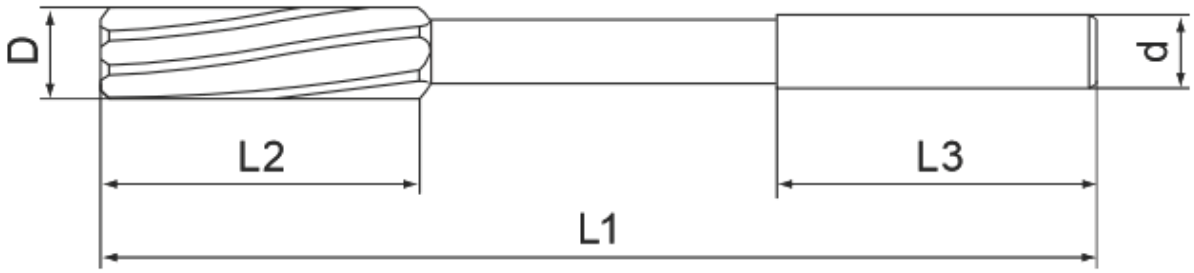
## Kleine Ausführung




| D Ø [mm] | L1 [mm] | L2 [mm] | L3 [mm] | d Ø [mm] | Z |
|---|---|---|---|---|---|
| 0.60 - 0.79 | 40 | 12 | 21 | 1.2 | 4 |
| 0.80 - 0.85 | 40 | 12 | 21 | 1.2 | 4 |
| 0.86 - 1.05 | 40 | 12 | 21 | 1.2 | 4 |
| 1.06 - 1.32 | 40 | 12 | 21 | 1.2 | 4 |
| 1.33 - 1.50 | 49 | 11 | 25 | 2.0 | 4 |
| 1.51 - 2.05 | 49 | 11 | 25 | 2.0 | 4 |
| 2.06 - 2.12 | 49 | 11 | 25 | 2.0 | 4 |
| 2.13 - 2.65 | 57 | 14 | 25 | 3.0 | 4 |

**Toleranz 0 /+0.003 mm, Anschnittwinkel 60°**

# Grosse Ausführung




| D<br>Ø [mm] | L1<br>[mm] | L2<br>[mm] | L3<br>[mm] | d<br>Ø [mm] | Z |
|---|---|---|---|---|---|
| 2.66 - 3.00 | 61 | 15 | 28 | 3.0 | 6 |
| 3.01 - 3.35 | 65 | 16 | 28 | 4.0 | 6 |
| 3.36 - 3.75 | 70 | 18 | 28 | 4.0 | 6 |
| 3.76 - 4.05 | 75 | 19 | 28 | 4.0 | 6 |
| 4.06 - 4.25 | 75 | 19 | 28 | 4.0 | 6 |
| 4.26 - 4.75 | 80 | 21 | 28 | 5.0 | 6 |
| 4.76 - 5.05 | 86 | 23 | 28 | 5.0 | 6 |
| 5.06 - 5.30 | 86 | 23 | 28 | 5.0 | 6 |
| 5.31 - 6.00 | 93 | 26 | 36 | 6.0 | 6 |
| 6.01 - 6.70 | 101 | 28 | 36 | 6.0 | 6 |
| 6.71 - 7.05 | 109 | 31 | 36 | 8.0 | 6 |
| 7.06 - 7.50 | 109 | 31 | 36 | 8.0 | 6 |
| 7.51 - 8.05 | 117 | 33 | 36 | 8.0 | 6 |
| 8.06 - 8.50 | 117 | 33 | 36 | 8.0 | 6 |
| 8.51 - 9.05 | 125 | 36 | 40 | 10.0 | 6 |
| 9.06 - 9.50 | 125 | 36 | 40 | 10.0 | 6 |
| 9.51 - 10.05 | 133 | 38 | 40 | 10.0 | 6 |
| 10.06 - 10.60 | 133 | 38 | 40 | 10.0 | 6 |
| 10.61 - 11.05 | 142 | 41 | 40 | 10.0 | 6 |
| 11.06 - 11.80 | 142 | 41 | 40 | 10.0 | 6 |
| 11.81 - 12.05 | 151 | 44 | 40 | 10.0 | 6 |
| 12.06 - 13.20 | 151 | 44 | 40 | 10.0 | 6 |
| 13.21 - 14.00 | 160 | 47 | 45 | 10.0 | 8 |
| 14.01 - 15.00 | 162 | 50 | 45 | 14.0 | 8 |
| 15.01 - 16.00 | 170 | 52 | 45 | 14.0 | 8 |
| 16.01 - 17.00 | 175 | 54 | 45 | 14.0 | 8 |
| 17.01 - 18.00 | 182 | 56 | 45 | 14.0 | 8 |
| 18.01 - 19.00 | 189 | 58 | 48 | 16.0 | 8 |
| 19.01 - 20.00 | 195 | 60 | 48 | 16.0 | 8 |

**Toleranz 0/+0.004 mm, Anschnittwinkel 45°, Innenzentren**