

## Spiralbohrer mit Zylinderschaft

### Spiralbohrer kurz

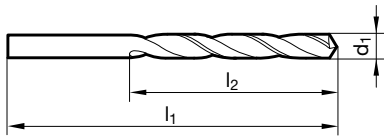


Katalog-Nr. 71115



| P | M | K | N | S | H | Arbeitsrichtwerte<br>Seite 180 |
|---|---|---|---|---|---|--------------------------------|
| • |   | • | • |   |   |                                |

- Ausspitzung  $\geq \varnothing 2,180$
- Kegelmantelschliff
- blank  $< 2,36$  mm



| d1<br>mm | inch | l1<br>mm | l2<br>mm |
|----------|------|----------|----------|
| 2,000    |      | 49,000   | 24,000   |
| 2,050    |      | 49,000   | 24,000   |
| 2,060    |      | 49,000   | 24,000   |
| 2,080    |      | 49,000   | 24,000   |
| 2,100    |      | 49,000   | 24,000   |
| 2,150    |      | 53,000   | 27,000   |
| 2,180    |      | 53,000   | 27,000   |
| 2,200    |      | 53,000   | 27,000   |
| 2,250    |      | 53,000   | 27,000   |
| 2,260    |      | 53,000   | 27,000   |
| 2,300    |      | 53,000   | 27,000   |
| 2,350    |      | 53,000   | 27,000   |
| 2,370    |      | 57,000   | 30,000   |
| 2,380    | 3/32 | 57,000   | 30,000   |
| 2,400    |      | 57,000   | 30,000   |
| 2,440    |      | 57,000   | 30,000   |
| 2,450    |      | 57,000   | 30,000   |
| 2,490    |      | 57,000   | 30,000   |
| 2,500    |      | 57,000   | 30,000   |
| 2,530    |      | 57,000   | 30,000   |
| 2,550    |      | 57,000   | 30,000   |
| 2,580    |      | 57,000   | 30,000   |
| 2,600    |      | 57,000   | 30,000   |
| 2,640    |      | 57,000   | 30,000   |
| 2,650    |      | 57,000   | 30,000   |
| 2,700    |      | 61,000   | 33,000   |
| 2,710    |      | 61,000   | 33,000   |
| 2,750    | 7/64 | 61,000   | 33,000   |
| 2,780    |      | 61,000   | 33,000   |
| 2,790    |      | 61,000   | 33,000   |
| 2,800    |      | 61,000   | 33,000   |
| 2,820    |      | 61,000   | 33,000   |
| 2,850    |      | 61,000   | 33,000   |
| 2,900    |      | 61,000   | 33,000   |
| 2,950    |      | 61,000   | 33,000   |
| 3,000    |      | 61,000   | 33,000   |
| 3,050    |      | 65,000   | 36,000   |
| 3,100    |      | 65,000   | 36,000   |
| 3,150    |      | 65,000   | 36,000   |
| 3,170    | 1/8  | 65,000   | 36,000   |
| 3,200    |      | 65,000   | 36,000   |
| 3,250    |      | 65,000   | 36,000   |
| 3,260    |      | 65,000   | 36,000   |
| 3,300    |      | 65,000   | 36,000   |
| 3,350    |      | 65,000   | 36,000   |
| 3,400    |      | 70,000   | 39,000   |
| 3,450    |      | 70,000   | 39,000   |
| 3,500    |      | 70,000   | 39,000   |

| d1<br>mm | inch  | l1<br>mm | l2<br>mm |
|----------|-------|----------|----------|
| 3,550    |       | 70,000   | 39,000   |
| 3,570    | 9/64  | 70,000   | 39,000   |
| 3,600    |       | 70,000   | 39,000   |
| 3,650    |       | 70,000   | 39,000   |
| 3,660    |       | 70,000   | 39,000   |
| 3,700    |       | 70,000   | 39,000   |
| 3,730    |       | 70,000   | 39,000   |
| 3,750    |       | 70,000   | 39,000   |
| 3,800    |       | 75,000   | 43,000   |
| 3,850    |       | 75,000   | 43,000   |
| 3,860    |       | 75,000   | 43,000   |
| 3,900    |       | 75,000   | 43,000   |
| 3,910    |       | 75,000   | 43,000   |
| 3,950    |       | 75,000   | 43,000   |
| 3,970    | 5/32  | 75,000   | 43,000   |
| 3,990    |       | 75,000   | 43,000   |
| 4,000    |       | 75,000   | 43,000   |
| 4,040    |       | 75,000   | 43,000   |
| 4,050    |       | 75,000   | 43,000   |
| 4,090    |       | 75,000   | 43,000   |
| 4,100    |       | 75,000   | 43,000   |
| 4,150    |       | 75,000   | 43,000   |
| 4,200    |       | 75,000   | 43,000   |
| 4,220    |       | 75,000   | 43,000   |
| 4,250    |       | 75,000   | 43,000   |
| 4,300    |       | 80,000   | 47,000   |
| 4,350    |       | 80,000   | 47,000   |
| 4,370    | 11/64 | 80,000   | 47,000   |
| 4,390    |       | 80,000   | 47,000   |
| 4,400    |       | 80,000   | 47,000   |
| 4,500    |       | 80,000   | 47,000   |
| 4,550    |       | 80,000   | 47,000   |
| 4,570    |       | 80,000   | 47,000   |
| 4,600    |       | 80,000   | 47,000   |
| 4,650    |       | 80,000   | 47,000   |
| 4,700    |       | 80,000   | 47,000   |
| 4,750    |       | 80,000   | 47,000   |
| 4,760    | 3/16  | 86,000   | 52,000   |
| 4,800    |       | 86,000   | 52,000   |
| 4,850    |       | 86,000   | 52,000   |
| 4,900    |       | 86,000   | 52,000   |
| 4,950    |       | 86,000   | 52,000   |
| 5,000    |       | 86,000   | 52,000   |
| 5,050    |       | 86,000   | 52,000   |
| 5,100    |       | 86,000   | 52,000   |
| 5,110    | 13/64 | 86,000   | 52,000   |
| 5,160    |       | 86,000   | 52,000   |
| 5,180    |       | 86,000   | 52,000   |

| d1<br>mm | inch  | l1<br>mm | l2<br>mm | d1<br>mm | inch  | l1<br>mm | l2<br>mm |
|----------|-------|----------|----------|----------|-------|----------|----------|
| 5,200    |       | 86,000   | 52,000   | 9,130    | 23/64 | 125,000  | 81,000   |
| 5,250    |       | 86,000   | 52,000   | 9,150    |       | 125,000  | 81,000   |
| 5,300    |       | 86,000   | 52,000   | 9,200    |       | 125,000  | 81,000   |
| 5,350    |       | 93,000   | 57,000   | 9,250    |       | 125,000  | 81,000   |
| 5,400    |       | 93,000   | 57,000   | 9,300    |       | 125,000  | 81,000   |
| 5,410    |       | 93,000   | 57,000   | 9,350    |       | 125,000  | 81,000   |
| 5,500    |       | 93,000   | 57,000   | 9,400    |       | 125,000  | 81,000   |
| 5,550    |       | 93,000   | 57,000   | 9,500    |       | 125,000  | 81,000   |
| 5,560    | 7/32  | 93,000   | 57,000   | 9,520    | 3/8   | 133,000  | 87,000   |
| 5,600    |       | 93,000   | 57,000   | 9,600    |       | 133,000  | 87,000   |
| 5,610    |       | 93,000   | 57,000   | 9,650    |       | 133,000  | 87,000   |
| 5,650    |       | 93,000   | 57,000   | 9,700    |       | 133,000  | 87,000   |
| 5,700    |       | 93,000   | 57,000   | 9,750    |       | 133,000  | 87,000   |
| 5,750    |       | 93,000   | 57,000   | 9,800    |       | 133,000  | 87,000   |
| 5,800    |       | 93,000   | 57,000   | 9,900    |       | 133,000  | 87,000   |
| 5,850    |       | 93,000   | 57,000   | 10,000   |       | 133,000  | 87,000   |
| 5,900    |       | 93,000   | 57,000   | 10,100   |       | 133,000  | 87,000   |
| 6,000    |       | 93,000   | 57,000   | 10,200   |       | 133,000  | 87,000   |
| 6,050    |       | 101,000  | 63,000   | 10,250   |       | 133,000  | 87,000   |
| 6,100    |       | 101,000  | 63,000   | 10,300   |       | 133,000  | 87,000   |
| 6,200    |       | 101,000  | 63,000   | 10,320   | 13/32 | 133,000  | 87,000   |
| 6,250    |       | 101,000  | 63,000   | 10,400   |       | 133,000  | 87,000   |
| 6,300    |       | 101,000  | 63,000   | 10,500   |       | 133,000  | 87,000   |
| 6,350    | 1/4   | 101,000  | 63,000   | 10,600   |       | 133,000  | 87,000   |
| 6,400    |       | 101,000  | 63,000   | 10,700   |       | 142,000  | 94,000   |
| 6,450    |       | 101,000  | 63,000   | 10,750   |       | 142,000  | 94,000   |
| 6,500    |       | 101,000  | 63,000   | 10,800   |       | 142,000  | 94,000   |
| 6,600    |       | 101,000  | 63,000   | 10,900   |       | 142,000  | 94,000   |
| 6,650    |       | 101,000  | 63,000   | 11,000   |       | 142,000  | 94,000   |
| 6,700    |       | 101,000  | 63,000   | 11,100   |       | 142,000  | 94,000   |
| 6,750    | 17/64 | 109,000  | 69,000   | 11,200   |       | 142,000  | 94,000   |
| 6,800    |       | 109,000  | 69,000   | 11,250   |       | 142,000  | 94,000   |
| 6,850    |       | 109,000  | 69,000   | 11,300   |       | 142,000  | 94,000   |
| 6,900    |       | 109,000  | 69,000   | 11,400   |       | 142,000  | 94,000   |
| 7,000    |       | 109,000  | 69,000   | 11,500   |       | 142,000  | 94,000   |
| 7,050    |       | 109,000  | 69,000   | 11,600   |       | 142,000  | 94,000   |
| 7,100    |       | 109,000  | 69,000   | 11,700   |       | 142,000  | 94,000   |
| 7,140    | 9/32  | 109,000  | 69,000   | 11,750   |       | 142,000  | 94,000   |
| 7,200    |       | 109,000  | 69,000   | 11,800   |       | 142,000  | 94,000   |
| 7,250    |       | 109,000  | 69,000   | 11,900   |       | 151,000  | 101,000  |
| 7,300    |       | 109,000  | 69,000   | 11,910   | 15/32 | 151,000  | 101,000  |
| 7,400    |       | 109,000  | 69,000   | 12,000   |       | 151,000  | 101,000  |
| 7,500    |       | 109,000  | 69,000   | 12,100   |       | 151,000  | 101,000  |
| 7,540    | 19/64 | 117,000  | 75,000   | 12,200   |       | 151,000  | 101,000  |
| 7,600    |       | 117,000  | 75,000   | 12,250   |       | 151,000  | 101,000  |
| 7,650    |       | 117,000  | 75,000   | 12,300   | 31/64 | 151,000  | 101,000  |
| 7,700    |       | 117,000  | 75,000   | 12,400   |       | 151,000  | 101,000  |
| 7,750    |       | 117,000  | 75,000   | 12,500   |       | 151,000  | 101,000  |
| 7,800    |       | 117,000  | 75,000   | 12,600   |       | 151,000  | 101,000  |
| 7,850    |       | 117,000  | 75,000   | 12,700   | 1/2   | 151,000  | 101,000  |
| 7,900    |       | 117,000  | 75,000   | 12,750   |       | 151,000  | 101,000  |
| 7,940    | 5/16  | 117,000  | 75,000   | 12,800   |       | 151,000  | 101,000  |
| 8,000    |       | 117,000  | 75,000   | 12,900   |       | 151,000  | 101,000  |
| 8,050    |       | 117,000  | 75,000   | 13,000   |       | 151,000  | 101,000  |
| 8,100    |       | 117,000  | 75,000   | 13,100   | 33/64 | 151,000  | 101,000  |
| 8,150    |       | 117,000  | 75,000   | 13,200   |       | 151,000  | 101,000  |
| 8,200    |       | 117,000  | 75,000   | 13,250   |       | 160,000  | 108,000  |
| 8,250    |       | 117,000  | 75,000   | 13,300   |       | 160,000  | 108,000  |
| 8,300    |       | 117,000  | 75,000   | 13,400   |       | 160,000  | 108,000  |
| 8,400    |       | 117,000  | 75,000   | 13,500   |       | 160,000  | 108,000  |
| 8,500    |       | 117,000  | 75,000   | 13,600   |       | 160,000  | 108,000  |
| 8,550    |       | 125,000  | 81,000   | 13,700   |       | 160,000  | 108,000  |
| 8,600    |       | 125,000  | 81,000   | 13,750   |       | 160,000  | 108,000  |
| 8,650    |       | 125,000  | 81,000   | 13,800   |       | 160,000  | 108,000  |
| 8,700    |       | 125,000  | 81,000   | 13,900   |       | 160,000  | 108,000  |
| 8,730    | 11/32 | 125,000  | 81,000   | 14,000   |       | 160,000  | 108,000  |
| 8,750    |       | 125,000  | 81,000   | 14,100   |       | 169,000  | 114,000  |
| 8,800    |       | 125,000  | 81,000   | 14,200   |       | 169,000  | 114,000  |
| 8,900    |       | 125,000  | 81,000   | 14,250   |       | 169,000  | 114,000  |
| 9,000    |       | 125,000  | 81,000   | 14,300   |       | 169,000  | 114,000  |
| 9,050    |       | 125,000  | 81,000   | 14,400   |       | 169,000  | 114,000  |
| 9,100    |       | 125,000  | 81,000   | 14,500   |       | 169,000  | 114,000  |

| d1<br>mm | inch | l1<br>mm | l2<br>mm | d1<br>mm | inch | l1<br>mm | l2<br>mm |
|----------|------|----------|----------|----------|------|----------|----------|
| 14,700   |      | 169,000  | 114,000  | 16,200   |      | 184,000  | 125,000  |
| 14,750   |      | 169,000  | 114,000  | 16,250   |      | 184,000  | 125,000  |
| 14,800   |      | 169,000  | 114,000  | 16,500   |      | 184,000  | 125,000  |
| 14,900   |      | 169,000  | 114,000  | 16,700   |      | 184,000  | 125,000  |
| 15,000   |      | 169,000  | 114,000  | 17,000   |      | 184,000  | 125,000  |
| 15,100   |      | 178,000  | 120,000  | 17,250   |      | 191,000  | 130,000  |
| 15,200   |      | 178,000  | 120,000  | 17,500   |      | 191,000  | 130,000  |
| 15,250   |      | 178,000  | 120,000  | 17,750   |      | 191,000  | 130,000  |
| 15,300   |      | 178,000  | 120,000  | 18,000   |      | 191,000  | 130,000  |
| 15,400   |      | 178,000  | 120,000  | 18,250   |      | 198,000  | 135,000  |
| 15,500   |      | 178,000  | 120,000  | 18,500   |      | 198,000  | 135,000  |
| 15,600   |      | 178,000  | 120,000  | 18,750   |      | 198,000  | 135,000  |
| 15,700   |      | 178,000  | 120,000  | 19,000   |      | 198,000  | 135,000  |
| 15,750   |      | 178,000  | 120,000  | 19,050   | 3/4  | 205,000  | 140,000  |
| 15,800   |      | 178,000  | 120,000  | 19,500   |      | 205,000  | 140,000  |
| 15,900   |      | 178,000  | 120,000  | 19,750   |      | 205,000  | 140,000  |
| 16,000   |      | 178,000  | 120,000  | 20,000   |      | 205,000  | 140,000  |
| 16,100   |      | 184,000  | 125,000  |          |      |          |          |