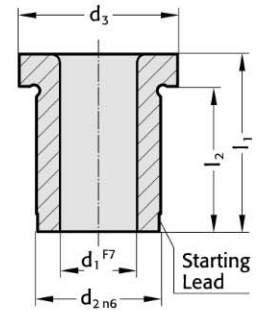




276.



**Material:**

Case hardened steel  
Hardness 740 ± 40 HV 10

**Execution:**

Diameters  $d_1$ ,  $d_2$  and shoulder precision ground.

276. Drill bush with collar, DIN 172, Shape A

| $d_1$     | $d_2$ | $d_3$ | $l_1$ | 6 | 8   | 9 | 10 | 12  | 16   | 20 | 25 | 28 | 30 | 35 | 36 | 45 | 56 | 67 | 78 |
|-----------|-------|-------|-------|---|-----|---|----|-----|------|----|----|----|----|----|----|----|----|----|----|
| 0.4 - 1   | 3     | 6     | $l_2$ | 4 |     | 7 |    |     |      |    |    |    |    |    |    |    |    |    |    |
| 1.1 - 1.8 | 4     | 7     |       | 4 |     | 7 |    |     |      |    |    |    |    |    |    |    |    |    |    |
| 1.9 - 2.6 | 5     | 8     |       | 4 |     | 7 |    |     |      |    |    |    |    |    |    |    |    |    |    |
| 2.7 - 3.3 | 6     | 9     |       |   | 5.5 |   |    | 9.5 | 13.5 |    |    |    |    |    |    |    |    |    |    |
| 3.4 - 4   | 7     | 10    |       |   | 5.5 |   |    | 9.5 | 13.5 |    |    |    |    |    |    |    |    |    |    |
| 4.1 - 5   | 8     | 11    |       |   | 5.5 |   |    | 9.5 | 13.5 |    |    |    |    |    |    |    |    |    |    |
| 5.1 - 6   | 10    | 13    |       |   |     |   | 7  |     | 13   | 17 |    |    |    |    |    |    |    |    |    |
| 6.1 - 8   | 12    | 15    |       |   |     |   | 7  |     | 13   | 17 |    |    |    |    |    |    |    |    |    |
| 8.1 - 10  | 15    | 18    |       |   |     |   |    | 9   |      | 17 | 22 |    |    |    |    |    |    |    |    |
| 10.1 - 12 | 18    | 22    |       |   |     |   |    | 8   |      | 16 | 21 |    |    |    |    |    |    |    |    |
| 12.1 - 15 | 22    | 26    |       |   |     |   |    |     | 12   |    |    | 24 |    |    | 32 |    |    |    |    |
| 15.1 - 18 | 26    | 30    |       |   |     |   |    |     | 12   |    |    | 24 |    |    | 32 |    |    |    |    |
| 18.1 - 22 | 30    | 34    |       |   |     |   |    |     |      | 15 |    |    |    |    | 31 | 40 |    |    |    |
| 22.1 - 26 | 35    | 39    |       |   |     |   |    |     |      | 15 |    |    |    |    | 31 | 40 |    |    |    |
| 26.1 - 30 | 42    | 46    |       |   |     |   |    |     |      |    | 20 |    |    |    |    | 40 | 51 |    |    |
| 30.1 - 35 | 48    | 52    |       |   |     |   |    |     |      |    | 20 |    |    |    |    | 40 | 51 |    |    |
| 35.1 - 42 | 55    | 59    |       |   |     |   |    |     |      |    |    | 25 |    |    |    |    | 51 | 62 |    |
| 42.1 - 48 | 62    | 66    |       |   |     |   |    |     |      |    |    | 24 |    |    |    |    | 50 | 61 |    |
| 48.1 - 55 | 70    | 74    |       |   |     |   |    |     |      |    |    | 24 |    |    |    |    | 50 | 61 |    |
| 55.1 - 63 | 78    | 82    |       |   |     |   |    |     |      |    |    |    |    | 29 |    |    |    | 61 | 72 |

**Ordering Code (example):**

|  |                 |
|--|-----------------|
| Drill bush with collar, DIN 172, Shape A | =276.1.         |
| Guide diameter $d_1$                     | 12.1 mm = 1210. |
| Length $l_1$                             | 16 mm = 016     |
| Order No                                 | =276.1.1210.016 |