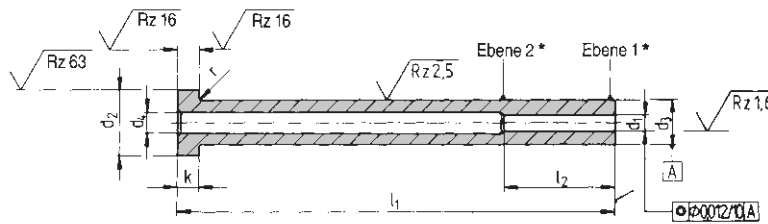




## Auswerferhülsen mit zylindrischem Kopf nach DIN 16756, gehärtet ähnlich ISO 8405



\* In der Ebene 1 ist die Koaxialitätstoleranz zu A max. 0,012 mm. In der Ebene 2 ist dieser Wert max.  $0,012 (l_2 \cdot 10^{-1})$

**Ausführung:** Zylindrischer Kopf warm angestaucht, Schaft gehärtet, angelassen und feinstgeschliffen.

Besonders geeignet für Preß- und Spritzgießwerkzeuge.

**Werkstoff:** WS = legierter Kaltarbeitsstahl

**Härte:** Schaft: HRC  $60 \pm 2$   
Kopf: HRC  $45 \pm 5$

**Bestellbeispiel:** Für gehärtete Auswerferhülsen, Führungsbohrung  $d_1 = 4$  mm und Länge  $l_1 = 125$  mm, Schaftdurchmesser  $d_3 = 6$  mm:

**Auswerferhülse  
DIN 16756 gehärtet 4 × 6 × 125**

| d <sub>1</sub><br>H5 | d <sub>3</sub><br>g6 | d <sub>4</sub><br>0<br>-0,1 | d <sub>2</sub><br>0<br>-0,2 | k<br>0<br>-0,05 | r<br>+0,2<br>0 | l <sub>2</sub><br>+2<br>0 | l <sub>1</sub> + 1<br>0 |     |     |     |     |     |     |     |     |   |   |   |   |   |   |
|----------------------|----------------------|-----------------------------|-----------------------------|-----------------|----------------|---------------------------|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|---|---|---|---|---|---|
|                      |                      |                             |                             |                 |                |                           | 75                      | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 275 |   |   |   |   |   |   |
| 1,5                  | 3                    |                             | 6                           | 3               | 0,3            | 35                        | ●                       | ●   | ●   |     |     |     |     |     |     |   |   |   |   |   |   |
| 2                    | 4                    |                             | 8                           |                 |                |                           | ●                       | ●   | ●   | ●   |     |     |     |     |     |   |   |   |   |   |   |
| 2,2                  |                      |                             |                             |                 |                |                           | ●                       | ●   | ●   | ●   |     |     |     |     |     |   |   |   |   |   |   |
| 2,5                  | 5                    |                             | 10                          |                 |                |                           | ●                       | ●   | ●   | ●   |     |     |     |     |     |   |   |   |   |   |   |
| 2,7                  |                      |                             |                             |                 |                |                           | ●                       | ●   | ●   | ●   |     |     |     |     |     |   |   |   |   |   |   |
| 3                    |                      |                             |                             | ●               | ●              | ●                         | ●                       | ●   |     |     |     |     |     |     |     |   |   |   |   |   |   |
| 3,2                  | 6                    |                             | 12                          | 5               | 0,5            | 45                        | ●                       | ●   | ●   | ●   | ●   |     |     |     |     |   |   |   |   |   |   |
| 3,5                  |                      |                             |                             |                 |                |                           | ●                       | ●   | ●   | ●   | ●   |     |     |     |     |   |   |   |   |   |   |
| 3,7                  |                      |                             |                             |                 |                |                           | ●                       | ●   | ●   | ●   | ●   | ●   |     |     |     |   |   |   |   |   |   |
| 4                    |                      |                             |                             |                 |                |                           | ●                       | ●   | ●   | ●   | ●   | ●   | ●   |     |     |   |   |   |   |   |   |
| 4,2                  |                      |                             |                             |                 |                |                           | ●                       | ●   | ●   | ●   | ●   | ●   | ●   | ●   |     |   |   |   |   |   |   |
| 4,5                  | 8                    |                             | 14                          | 5               | 0,5            | 45                        | ●                       | ●   | ●   | ●   | ●   | ●   |     |     |     |   |   |   |   |   |   |
| 5                    |                      |                             |                             |                 |                |                           | ●                       | ●   | ●   | ●   | ●   | ●   |     |     |     |   |   |   |   |   |   |
| 5,2                  |                      |                             |                             |                 |                |                           | ●                       | ●   | ●   | ●   | ●   | ●   | ●   |     |     |   |   |   |   |   |   |
| 5,5                  | 10                   |                             | 16                          | 5               | 0,5            | 45                        | ●                       | ●   | ●   | ●   | ●   | ●   | ●   |     |     |   |   |   |   |   |   |
| 6                    |                      |                             |                             |                 |                |                           | ●                       | ●   | ●   | ●   | ●   | ●   | ●   |     |     |   |   |   |   |   |   |
| 6,2                  |                      |                             |                             |                 |                |                           | ●                       | ●   | ●   | ●   | ●   | ●   | ●   | ●   | ●   |   |   |   |   |   |   |
| 8                    | 12                   |                             | 20                          | 7               | 0,8            | 45                        | ●                       | ●   | ●   | ●   | ●   | ●   | ●   | ●   | ●   | ● | ● |   |   |   |   |
| 8,2                  |                      |                             |                             |                 |                |                           | ●                       | ●   | ●   | ●   | ●   | ●   | ●   | ●   | ●   | ● | ● | ● | ● | ● |   |
| 10                   |                      |                             |                             |                 |                |                           | ●                       | ●   | ●   | ●   | ●   | ●   | ●   | ●   | ●   | ● | ● | ● | ● | ● | ● |
| 12                   | 16                   |                             | 22                          |                 |                |                           | ●                       | ●   | ●   | ●   | ●   | ●   | ●   | ●   | ●   | ● | ● |   |   |   |   |

Jede Auswerferhülse kann auch mit einem passenden nitrierten oder gehärteten Kernstift, der mind. 50 mm länger als die Hülse ist, geliefert werden.

● = ab Lager oder kurzfristig lieferbar. Übrige Abmessungen auf Anfrage.