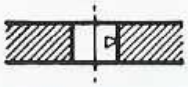
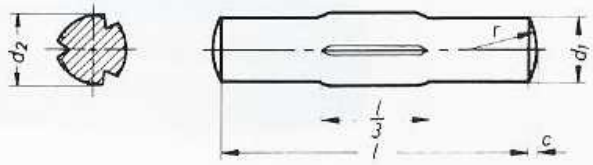
Toleranz für Durchmesser des Halbzeuges **$d_1$**:
bis 3 mm nach DIN 671
darüber nach DIN 668
Toleranz für Aufkerbdurchmesser **$d_2$**:
bis 2 mm + 0,05
über 2 – 10 mm ± 0,05
über 10 mm ± 0,10
Toleranz für Länge *l*: js 15
Festigkeitseigenschaften (Werkstoff):
9SMnPb28K DIN 1651
Andere Werkstoffe auf besondere Bestellung.
Toleranz für die zugehörige Bohrung:
unter 1,5 mm = H 8
1,5 – 3 mm = H 9
über 3 mm = H 11
Kuppenhöhe **c** nach DIN 7
**r ≈ $d_1$**



# KERPIN® S 80

Knebelkerbelstift




Bestellbeispiel für Knebelkerbelstift mit Durchmesser 5 mm, Länge 50 mm: **KERPIN 5 x 50 S 80**

## Werksnorm (Maße in Millimeter)

Fettgedruckte Größen bevorzugen.

| Nenn Ø $d_1$ | 0,8 | 1 | 1,2 | **1,5** | **2** | **2,5** | **3** | **4** | **5** | **6** | **8** | **10** | **12** | 13 | **14** | **16** | **20** | **25** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Länge *l* | **Aufkerbdurchmesser $d_2$ *** | | | | | | | | | | | | | | | | | |
| **6** | | | | | | | | | | | | | | | | | | |
| **8** | **0,83** | | | | | | | | | | | | | | | | | |
| **10** | | | | | | | | | | | | | | | | | | |
| **12** | | **1,05** | **1,25** | | | | | | | | | | | | | | | |
| 14 | | | | **1,60** | | | | | | | | | | | | | | |
| **16** | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | |
| **20** | | | | | **2,15** | **2,65** | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | **3,20** | | | | | | | | | | | |
| **25** | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | **4,25** | **5,25** | | | | | | | | | |
| **30** | | | | | | | | | | | | | | | | | | |
| 32 | | | | | | | | | | **6,30** | | | | | | | | |
| **35** | | | | | | | | | | | **8,30** | | | | | | | |
| 36 | | | | | | | | | | | | | | | | | | |
| **40** | | | | | | | | | | | | | | | | | | |
| **45** | | | | | | | | | | | | **10,35** | | | | | | |
| **50** | | | | | | | | | | | | | **12,35** | | | | | |
| **55** | | | | | | | | | | | | | | | | | | |
| **60** | | | | | | | | | | | | | | | | | | |
| **65** | | | | | | | | | | | | | | **13,35** | | | | |
| **70** | | | | | | | | | | | | | | | | | | |
| **75** | | | | | | | | | | | | | | | **14,35** | **16,40** | | |
| **80** | | | | | | | | | | | | | | | | | **20,50** | **25,50** |
| **90** | | | | | | | | | | | | | | | | | | |
| **100** | | | | | | | | | | | | | | | | | | |
| **110** | | | | | | | | | | | | | | | | | | |
| **120** | | | | | | | | | | | | | | | | | | |
| **140** | | | | | | | | | | | | | | | | | | |
| **160** | | | | | | | | | | | | | | | | | | |
| **180** | | | | | | | | | | | | | | | | | | |