

# K KEMMLER®

## Präzisionswerkzeuge

### Shrink chuck 4,5° HSK 63 - 04 - 120



**198,00 € \***

\* Prices excl. legal value added tax plus shipping costs

Brand: Kemmler GmbH

Order no.: F63.70.04.1

#### Application:

For mounting tools with straight shanks.

#### Note:

Toolholders suitable for induction-, contact- and hot air shrink units. Ø 3, 4, 5 with h4-tolerance and Ø 6 – Ø 32 with h6-tolerance

For Ø 3, 4 and 5 mm only solid carbide tool shanks must be used!

- All holders are made of forged steel
- Specific, low warpage hardened
- Surface hardened HRC 58~60
- Hardening depth 0,8mm~0,9mm
- Taper angle tolerance < AT 3 according to DIN 2080
- Surface roughness Ra < 0,4 µm
- Tensile strength in the core of min. 800 N/mm² after DIN
- All functional surfaces fine machined

#### Article properties

|               |                     |
|---------------|---------------------|
| THID:         | -                   |
| TDCON:        | h4                  |
| Rundlauf:     | < 3µm               |
| ADINTMS:      | DIN 69893-6 (HSK-F) |
| ADINTWS:      | Schrumpffutter 4,5° |
| ADJRG:        | -                   |
| Auswuchtgüte: | G2,5   25.000 1/min |
| BD2:          | 20                  |
| DCONWS:       | 4                   |
| HSK:          | HSK-F 63            |
| LPR:          | 120                 |
| LSCN:         | 9                   |
| LSCX:         | -                   |
| BTED:         | 15                  |