

**Shrink chuck 4,5° HSK 63 - 12 - 90****153,00 € ***

* Prices excl. legal value added tax plus shipping costs

Brand: Kemmler GmbH

Order no.: F63.70.12

**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:	M10x1
TDCON:	h6
Rundlauf:	< 3µm
ADINTMS:	DIN 69893-6 (HSK-F)
ADINTWS:	Schrumpffutter 4,5°
ADJRG:	10
Auswuchtgüte:	G2,5 25.000 1/min
BD2:	32
BTED:	24
DCONWS:	12
HSK:	HSK-F 63
LPR:	90
LSCN:	36
LSCX:	46