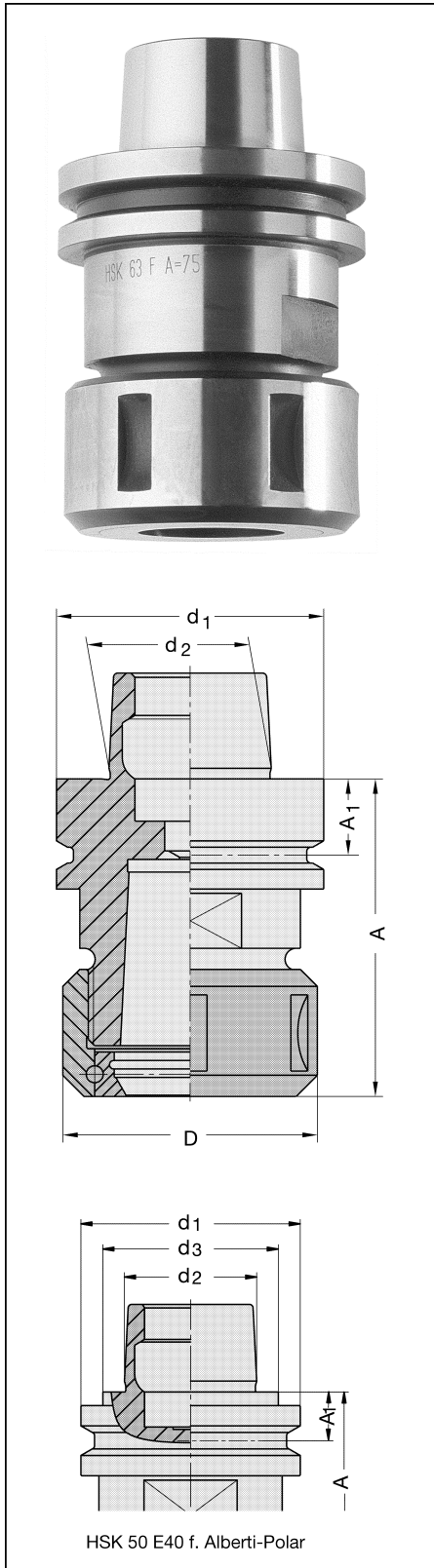


## 21038



Shank mm	A <sup>1</sup>	A mm	D mm	d <sub>1</sub> /d <sub>2</sub> /d <sub>3</sub> mm	For collets No.	Part-No.	Price each
HSK 50 F	18	75*	60	50/30/-	21052 (up to 25 mm)	21038-0-00752-R ●	272,00
HSK 50 F	18	115*	60	50/30/-	21052 (up to 25 mm)	21038-0-01152-R ○	286,00
HSK 63 F	18	75*	60	63/38/-	21052 (up to 25 mm)	21038-0-00753-R ●	248,00
HSK 63 F	18	115*	60	63/38/-	21052 (up to 25 mm)	21038-0-01153-R ●	260,00
<b>Basic tool body with rust-resisting coating</b>							
HSK 63 F	18	75*	60	63/38/-	21052 (up to 25 mm)	21038-0-00753-B ●	290,00
<b>for IMA (up to 9/94), according to DIN 69893 draft</b>							
HSK 63 F	9	75*	60	63/38/-	21052 (up to 25 mm)	21038-0-00759-R ●	272,00
<b>for collets with 8° cone angle (21053/21054)</b>							
HSK 63 F	18	70	50	63/38/-	21053 (up to 20 mm)	21038-0-53703-R ●	265,00
HSK 63 F	18	75	63	63/38/-	21054 (up to 25 mm)	21038-0-54753-R ●	284,00
<b>for CMS (new design)</b>							
HSK 63 E	18	78	63	63/48/-	21054 (up to 25 mm)	21038-0-00754-R ●	292,00
<b>for Alberti-Polar</b>							
HSK 50 E40	11,1	75*	60	50/30/40	21052 (up to 25 mm)	21038-0-10752-R ●	347,00

\*The adjusting length A will be determined with clamped shank by using collets No. 21052 (clamping tolerance of 0,15 mm).

When using collets No. 21048 (clamping tolerance of 0,5 mm) the adjusting length will elongate by 3 - 4 mm.

### Technical details:

High precision body, tempered, ground, thoroughly balanced. With hollow taper shank according to DIN 69893 or draft of DIN 69893 (IMA) and hollow for data chip. HSK 50 E40 as special design for Alberti-Polar.

The **ball bearing clamping nut** guarantees high clamping precision, protects the collet and the internal taper of the chuck and permits easy insertion and removal of the collet.

### Application:

For clamping of parallel shank tools on routers and CNC machines with automatic tool change. Can be used for either **right-hand or left-hand rotation**.

The maximum and at the same time optimum length of shank respectively clamping length for the chucks No. 21038 is 55 mm (if necessary 60 mm). To ensure that the cutter is enclosed as far as possible by the collet and to keep the length as short as possible, it will be advisable to **remove the adjusting screw** most cutters have.

### Spare parts / Accessories

	PU
Ball bearing clamping nut M 40 x 1,5, D = 50 mm	39042-0-00040-R 1
Ball bearing clamping nut M 48 x 2,0, D = 60 mm	39042-0-00003-R 1
Ball bearing clamping nut M 50 x 1,5, D = 63 mm	39042-0-00050-R 1
C-Spanner 45/50 for M 40 x 1,5	39158-0-45500-0 1
C-Spanner 58/62 for M 48 x 2,0 and M 50 x 1,5	39158-0-58622-0 1
Engineers' wrench SW 36 (for HSK 50 F/50 E 40)	39162-0-00036-0 1
Engineers' wrench SW 46 (for HSK 63 F/E)	39162-0-00046-0 1

For collets please see pages 3.9/3.10.

For appropriate assembling device see page 3.3.

Supplied without C-Spanner and engineers' wrench.

Both optional on demand.