

**Simply turn - ready. With more
precision into a new quality.**

**Running accuracy of 30 µm
from 1 to 16 mm.**

100% clamping force.

Ø 50 mm and built for ever.

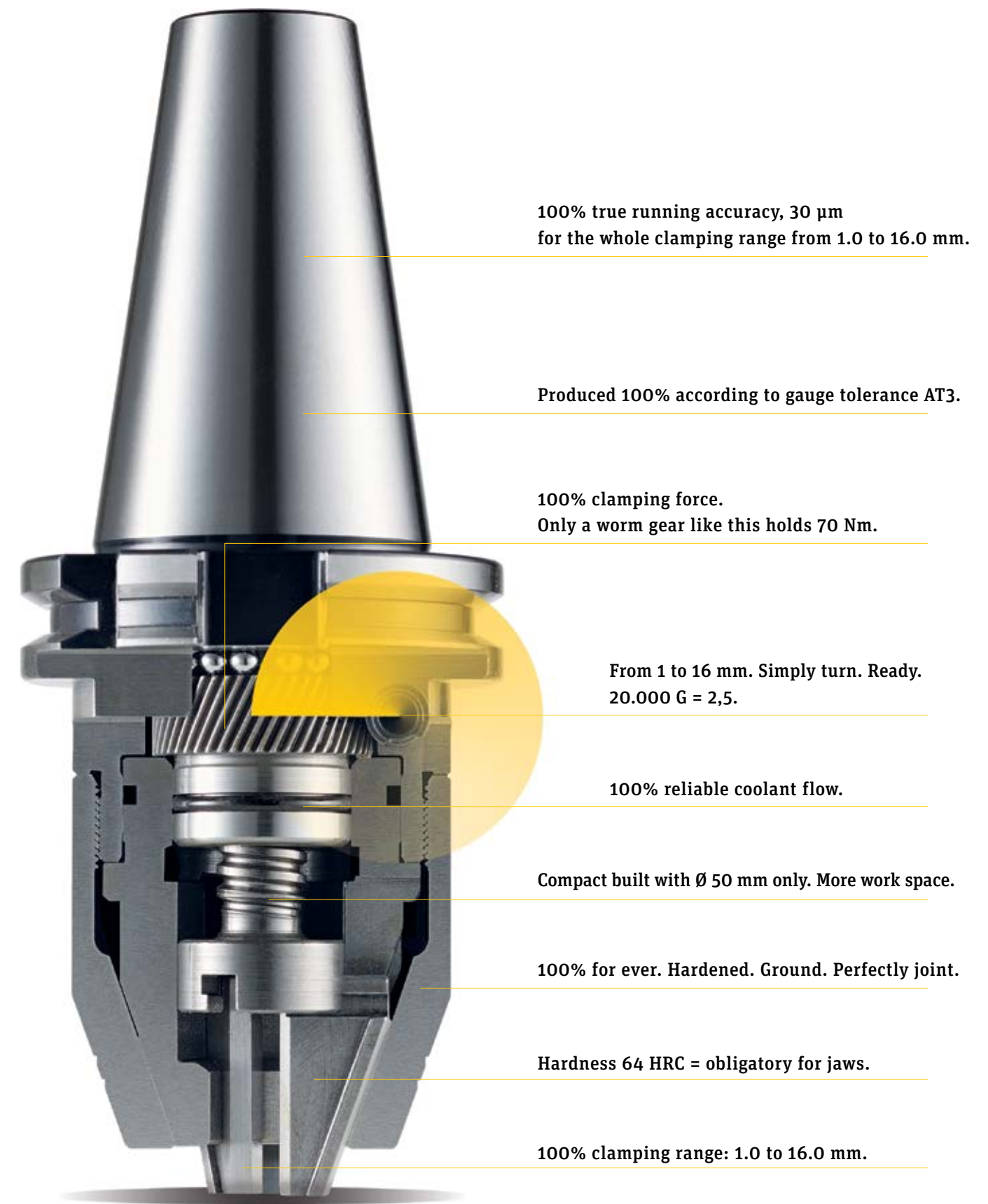
Albrecht

CNC-Drill-Chucks



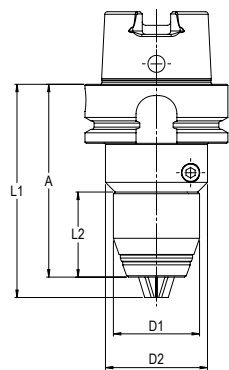
An Albrecht CNC chuck saves you many working days year by year.*

* see page 81



The CNC Drill Chuck in width and heights

Easy exchange of tools by setting of included hex-key. Highset clamping force by worm gear with high gear ratio. System-Runout-Accuracy 30 µm over the complete clamping range from 1,0 to 16 mm. Clamping cylindrical shanks according to DIN 1835 A. For drilling, countersinking, reaming, threading and for finishing. All significant parts are hardened and ground. Made in gauge tolerance AT3.



SK

1 – 16 mm									
	A	Form	Part.No	L1	L2	D1	D2	Balanced	kg
DIN 2080-A40	73	A	800 1160 140 0	85	-	50	-	20.000 G=2,5	1,44
DIN 2080-A50	77	A	on request	85	-	50	-	20.000 G=2,5	3,44



0,5 – 10 mm									
	A	Form	Part.No	L1	L2	D1	D2	Balanced	kg
DIN 69871-AD30	69	A/AD	800 110Z 230 0	78	37,5	38	45	20.000 G=2,5	0,70
DIN 69871-AD40	69	A/AD	800 110Z 240 0	78	37,5	38	45	20.000 G=2,5	1,15

corresponding ISO 7388-1



1 – 16 mm									
	A	Form	Part.No	L1	L2	D1	D2	Balanced	kg
DIN 69871-AD40	80	A/AD	800 116Z 240 0	92	-	50	-	20.000 G=2,5	1,46
DIN 69871-AD50	80	A/AD	800 116Z 250 0	92	-	50	-	20.000 G=2,5	3,36

corresponding ISO 7388-1



HSK

0,5 – 10 mm									
	A	Form	Part.No	L1	L2	D1	D2	Balanced	kg
DIN 69893 HSK 50 A	94	A	800 110Z 650 0	103	38	38	45	20.000 G=2,5	0,91
DIN 69893 HSK 63 A	85	A	800 110Z 663 0	94	38	38	45	20.000 G=2,5	1,08

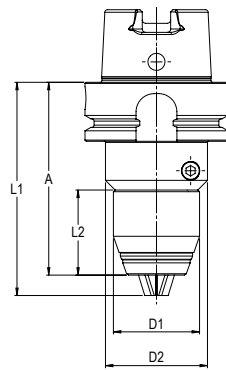
coolant tubes see page 83



1 – 16 mm									
	A	Form	Part.No	L1	L2	D1	D2	Balanced	kg
DIN 69893 HSK 50 A	107	A	800 116Z 650 0	119	-	50	-	20.000 G=2,5	1,27
DIN 69893 HSK 63 A	98	A	800 116Z 663 0	110	-	50	-	20.000 G=2,5	1,46
DIN 69893 HSK 63 F	98	A	800 116F 663 0	110	-	50	-	20.000 G=2,5	1,47
DIN 69893 HSK 80 A	101	A	800 116Z 680 0	116	-	50	-	20.000 G=2,5	2,20
DIN 69893 HSK 80 A	104	A	800 116Z 610 0	116	-	50	-	20.000 G=2,5	2,91

coolant tubes see page 83

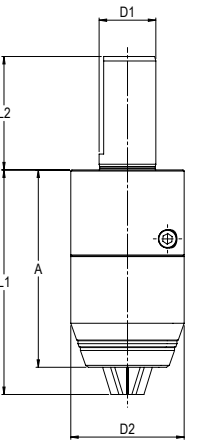




Polygon

1 – 16 mm

	A	Form	Part.No	L1	L2	D1	D2	Balanced	kg
C6/ ISO 26623-1	85	A	800 116Z 9C6 0	97	-	50	-	20.000 G=2,5	1,46
C8/ ISO 26623-1	95	A	800 116Z 9C8 0	107	-	50	-	20.000 G=2,5	2,80



Morse

1 – 16 mm

	A	Form	Part.No	L1	L2	D1	D2	Balanced	kg
DIN 228-MK3	87	-	800 1160 MK3 0	99	-	50	-	-	1,28



MAS-BT

0,5 – 10 mm

	A	Form	Part.No	L1	L2	D1	D2	Balanced	kg
BT30 AD	72	A/AD	800 110Z 430 0	81	38	38	45	20.000 G=2,5	0,71
BT40 AD	77	A/AD	800 110Z 440 0	86	38	38	45	20.000 G=2,5	1,34

corresponding ISO 7388-2 (JIS B 6339)



Cylindrical

1 – 16 mm

	A	Form	Part.No	L1	L2	D1	D2	Balanced	kg
Cylindrical Shank	87	Central	800 116Z 825 0	99	50	25	50	-	1,24



VDI

1 – 16 mm

	A	Form	Part.No	L1	L2	D1	D2	Balanced	kg
DIN 69880-30	87	Central	800 116Z 730 0	99	55	30	50	-	1,78
DIN 69880-40	87	Central	800 116Z 740 0	99	63	40	50	-	2,55



Conclusion:
7.5 m* daily add up
to 4.2 days a year you
Save. In addition a
much higher quality.

*** 7.5 minutes daily = 4.2 days per year. How we calculate this.**
Aside from the increase in quality of your work.

Using collets:

1. Loosening of nut. 2. pull out tool. 3. press collet from sleeve nut. 4. clean collet, sleeve nut and inner cone.
5. Press collet into sleeve nut. 6. Screw sleeve nut with collet onto the clamping chuck.
7. Insert tool. 8. Clamp sleeve nut with key. = 60 seconds

With an Albrecht CNC chuck

1. key unlocks. 2. pull out tool. 7. insert tool. 1. key locks. = 15 seconds
+ 45 seconds

Time advantage Albrecht CNC chuck

10 tool changes per day - time advantage

450 seconds = 7.5 m daily x 250 working days = 1.875 m : 60 = 31.25 h : 7.5 h a day = 4.17 days



Balancing Screws

Balancing Screws- Set, inclusive case, key, difference-table and 180 pieces of fine-balancing-screws

Universal use, suitable for all brands. 9 different screws in fine graduation. 20 screws of each size and Torx key. Different colours for visual identification. Precise balancing together with the clamped tool. Easy handling with Torx. Supplied with Torx ISR15 screwdriver. No need for screw locking. The balancing machine calculates automatically position and weight. Suitable for multiple uses.

- Fine balancing of toolholders:**
- > together with the clamped tool
 - > added Chip
 - > operating conditions, especially with high rpm

Typ	Part.No.
M6x4,0-8,0	139 4006 000 0



Balancing Screws

Typ	Gram	Part.No.	Amount	Colour
M6x4,0	0,43	139 4006 040 0	20	black
M6x4,5	0,52	139 4006 045 0	20	silver
M6x5,0	0,60	139 4006 050 0	20	rot
M6x5,2	0,67	139 4006 052 0	20	yellow
M6x6,0	0,77	139 4006 060 0	20	black
M6x6,5	0,86	139 4006 065 0	20	silver
M6x7,0	0,93	139 4006 070 0	20	red
M6x7,2	1,03	139 4006 072 0	20	yellow
M6x8,0	1,09	139 4006 080 0	20	black

Accessories HSK

Coolant tubes

DIN 69893 (HSK)	Part.No.
Coolant tubes HSK-A50	139 0002 650 0
Coolant tubes HSK-A63	139 0002 663 0
Coolant tubes HSK-A80	139 0002 680 0
Coolant tubes HSK-A100	139 0002 610 0



Key with T-handle

	Part.No.
for coolant tubes HSK-A50	139 0020 650 0
for coolant tubes HSK-A63	139 0020 663 0
for coolant tubes HSK-A80	139 0020 680 0
for coolant tubes HSK-A100	139 0020 610 0

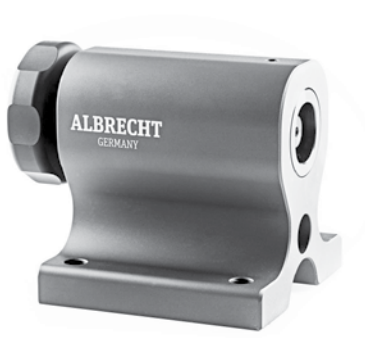


Mountingsystem

flexible, vertical/horizontal, locked



Mounting System Base Unit	Part.No.
	730 1000 000 0



Adaptor	Part.No.
ISO 7388-1 + ISO7388-2	
SK30 + BT30	730 1000 230 0
SK40 + BT40 + CAT40	730 1000 240 0
SK50 + BT50 + CAT50	730 1000 250 0
DIN 69893	
HSK50 Form A+C	730 1000 650 0
HSK63 Form A+C	730 1000 663 0
HSK80 Form A+C	730 1000 680 0
HSK100 Form A+C	730 1000 610 0
ISO 26623-1	
PSC50	730 1000 9C5 0
PSC63	730 1000 9C6 0
PSC80	730 1000 9C8 0

