

Good reasons to use Albrecht drill chucks



Quality

- 2-phase quality control e.g. 100% run-out accuracy test (similar to DIN 10888)
- parts made to fit each other exactly
- working parts are case-hardened and ground

Precision

- precise hole sizing: only the optimum run-out of clamping system in connection with the tool produces precise hole sizing. This prevents unnecessary problems and costs caused by oversized holes.
- improved tool life: uniform wear increases the tool life considerably

Longevity

- case-hardened and ground working parts
- use of selected alloy steels that hold up even under the strongest pressure
- almost 100 years of experience in developing and producing high-performance drill chucks

Service

- Albrecht stocks a full range of replacement parts. As a special service, all repair work can be done at the Albrecht factory.
- represented world-wide
- solutions made to customer's specification

SBF with Inner Taper or Thread

- longevity due to hardened working parts
- highest run-out accuracy and precision
- with diamond coated jaws on request

Super Keyless Drill Chuck SBF

The Super Keyless Drill Chuck SBF, manufactured by ALBRECHT is well known as the world's most consistently accurate drill chuck. All SBF drill chucks are produced to very high standards and are 100% inspected for quality to ensure maximum clamping force and highest guaranteed concentricity, resulting in precise bore size and improved cutting tool life. Keyless Drill Chucks incorporate a unique self-tightening feature that automatically increases clamping force as the cutting force increases - however this works only with clockwise use. All components are hardened and ground to exact tolerances to ensure that the chucks can be easily opened by hand after use.

The SBF is available in 8 sizes ranging from 0 to 1.5 mm up to 1.5 to 16 mm capacity. Mount choices include tapers according to DIN 239 or Jacobs standards, and a variety of UNF threads are also available. With the 1.5 mm capacity chuck you will find a scale for presetting, thus even the smallest drill can be inserted and clamped with the highest precision.

All drill chucks can be balanced on demand. For EDM machines especially, the chuck can be assembled with a spindle through hole.

Albrecht products

Albrecht stocks a full range of replacement parts for all models and offers a comprehensive repair service where chucks can be reconditioned to like-new accuracies. All reconditioned AKL drill chucks undergo a 100% inspection process incorporating multiple test pins in concurrence with DIN ISO 10888.



SBF Versions

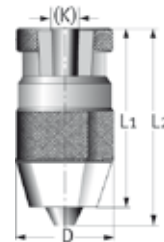
(Dimensions in mm)



Drill chuck according to DIN ISO 239 B-Konus

Ref. no.	Range	Taper	D	L1	L2	Weight kg
100 0015	B06 o	0 - 1,5	B6	19	35	37,5 0,05
100 1015	B06 o	1,5 - 3	B6	19	35	37,5 0,05
100 0030	B06 o	0 - 3	B6	24	44	47,5 0,1
100 0030	B10 o	0 - 3	B10	24	44	47,5 0,1
100 0050	B10 o	0 - 5	B10	30	56	61,5 0,2
100 0065	B10 o	0 - 6,5	B10	34	61,5	68 0,29
100 0080	B10 o	0 - 8	B10	38	69	77,5 0,42
100 0050	B12 o	0 - 5	B12	30	56	61,5 0,2
100 0065	B12 o	0 - 6,5	B12	34	61,5	68 0,29
100 0080	B12 o	0 - 8	B12	38	69	77,5 0,42
100 0100	B12 o	0 - 10	B12	43	80	91 0,61
100 0100	B16 o	0 - 10	B16	43	80	91 0,61
100 0130	B16 o	1 - 13	B16	50	90,5	103 0,945
100 0160	B16 o	3 - 16	B16	56	95,5	109 1,25
100 0160	B18 o*	3 - 16	B18	56	95,5	109 1,25

* 7mm short of DIN ISO 239



Drill chuck according to DIN ISO 239 J-Taper (Jacobs)

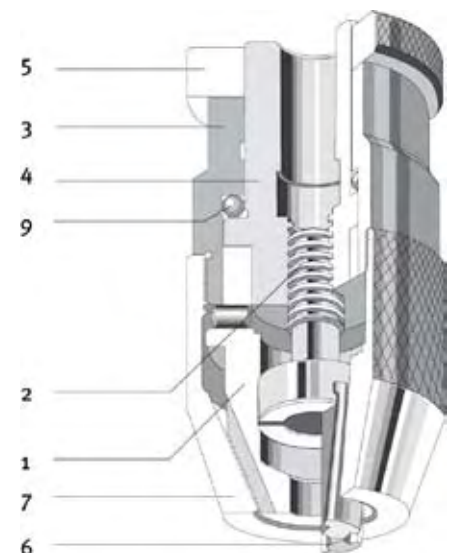
Ref. no.	Range	Taper	D	L1	L2	Weight kg
100 0015	B06 o	0 - 1,5	J0	19	35	37,5 0,05
100 1015	B06 o	1,5 - 3	J0	19	35	37,5 0,05
100 0030	B06 o	0 - 3	J0	24	44	47,5 0,1
100 0030	J01 o	0 - 3	J1	24	44	47,5 0,1
100 0050	J01 o	0 - 5	J1	30	56	61,5 0,2
100 0065	J01 o	0 - 6,5	J1	34	61,5	68 0,29
100 0080	J02 o	0 - 8	J2	38	69	77,5 0,42
100 0100	J02 o	0 - 10	J2	43	80	91 0,61
100 0130	J02 o	1 - 13	J2	50	90,5	103 0,945
100 0100	J33 o	0 - 10	J33	43	80	91 0,61
100 0130	J33 o	1 - 13	J33	50	90,5	103 0,945
100 0130	J06 o	1 - 13	J6	50	90,5	103 0,945
100 0160	J06 o	3 - 16	J6	56	95,5	109 1,25

Thread UNF



Ref. no.	Range	Taper	D	L1	L2	Weight kg
100 0050	G01 o	0 - 5	5/16-24	30	56	61,5 0,2
100 0065	G01 o	0 - 6,5	5/16-24	34	61,5	68 0,29
100 0065	G03 o	0 - 6,5	1/2-20	34	61,5	68 0,29
100 0080	G03 o	0 - 8	1/2-20	38	69	77,5 0,42
100 0100	G04 o	0 - 10	5/8-16	43	80	91 0,61
100 0130	G04 o	1 - 13	5/8-16	50	90,5	103 0,945

All parts are available as spares:



- 1 Jaw guide with pin
- 2+4 Body with spindle
- 3 Shell
- 5 Collar grip cpl.
- 6 Set of jaws
- 7 Hood
- 9 Set of balls