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ALBRECHT
Precision Chucks



All dimensions in millimeter. We reserve the right for changes in design due to technical improvements. Pictures and dimensions not binding. Albrecht Germany Version 3.0 08/2024

90 Years
ALBRECHT
Drill Chucks.
The best
in your
hands.

ALBRECHT
Precision Chucks



In 1934, Josef Albrecht invented the self-tightening Drill Chuck. We have further optimized it to this day.



Every Albrecht Drill Chuck undergoes a worldwide unique quality control. Thank you.

An eventful time.

In 1908, Josef Albrecht, born on March 15, 1872, established the company in Esslingen.

The original space in Plochingen was used for developing fine mechanical work.

The company focused on manufacturing more delicate and improved drill chucks.

In 1934, Josef Albrecht introduced the world to the first self-tightening Drill Chuck.

This innovation significantly increased the productivity and precision of the entire industry.

With the new self-tightening Drill Chuck, clamped tools are securely held, rigidly guided, and remain stable even during the most demanding and delicate work.

A unity is created: quieter, more precise, faster, and safer for drilling, sinking, and reaming.

This allows for a completely new and different surface, and no one needs a key to install the tool in the machine anymore.

One turn of the hand is enough. Locked. **And just as easy, everything can be reopened to remove the tool.**

1934 The clear advantages lead to swift patenting in the USA, England, Japan, and all over the world.

An Albrecht chuck enhances the performance of tool machines.

1969 In workshops, a new mindset is emerging. The new spirit of the times demands quality.

1970 An increasing number of 6-spindles are boosting productivity in the market.

1988 Our drill chucks are garnering more attention at major trade fairs.

1990 We are relocating from Esslingen to the new building in Wernau, Neckar.

1991 The MED drill chuck line for medical applications is being introduced.

Made of 100% pure stainless steel.

1992 Annual production exceeds 140,000 self-tightening drill chuck. Thank you.

1993 Our CNC drill chucks with worm gear are gaining traction in the market.

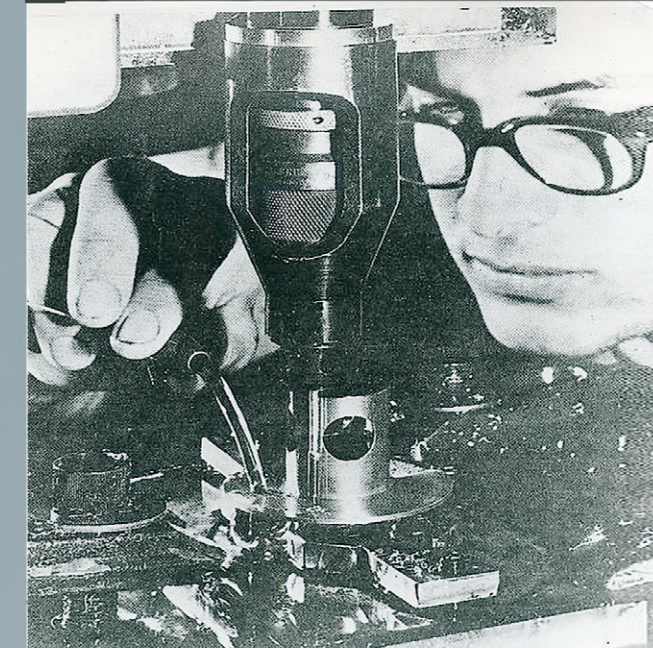
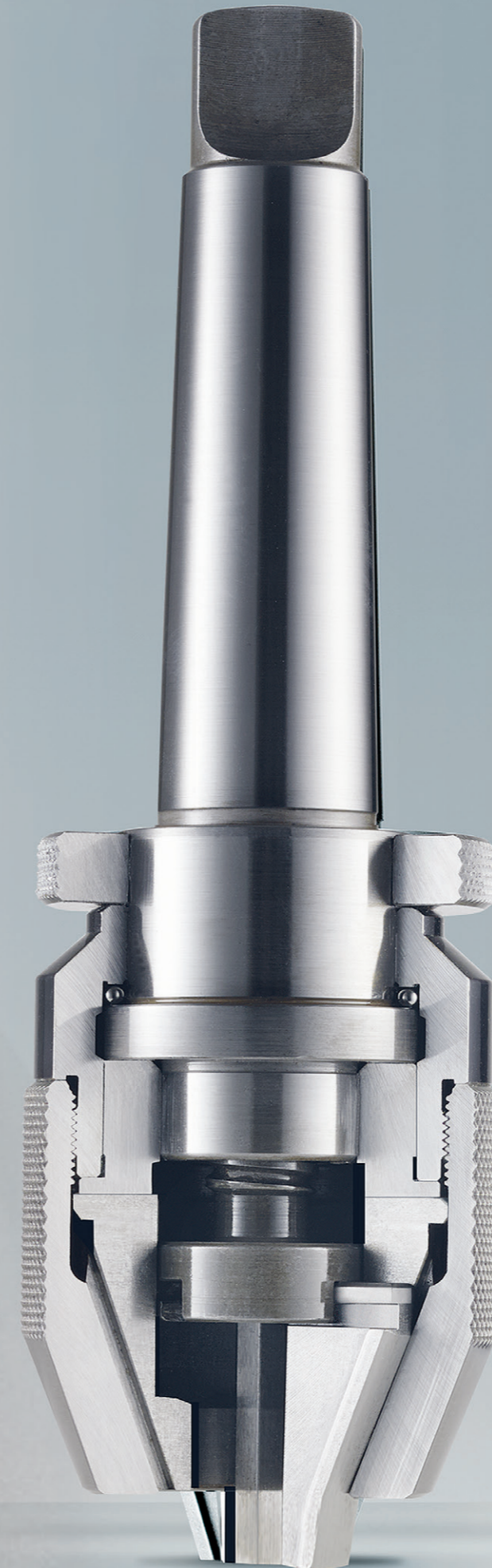
1994 ALBRECHT has become an internationally protected brand name.

1996 A world premiere: Drill Chuck with integrated morse taper are very well received.

2007 We receive a patent for the easy-to-clean and rinseable drill feed for medical and surgical applications.

2021 New: The automatic grinding machine for jaws ensures 100% accuracy.

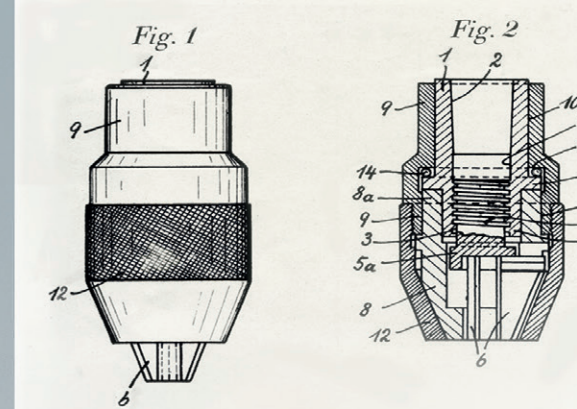
2024 The precision of every Albrecht drill chuck over the entire range is tested and confirmed before delivery.



AUSGEGEBEN AM
21. NOVEMBER 1933

REICHSPATENTAMT
PATENTSCHRIFT
№ 588 386
KLASSE 49 a GRUPPE 64 01
A 65436 1/49a

Tag der Bekanntmachung über die Erteilung des Patents: 2. November 1933



HOCHLEISTUNGS-BOHRFUTTER

Beim Bohren den Fortschritt halten und Kosten senken



Aussenteile gehärtet



ALBRECHT Super-Bohrfutter bieten Hervorragendes beim Spannen und Lösen (schlüssellos), beim Arbeiten unter jeder Beanspruchung, in Konstruktion, die keine belasteten Teile kennt, die nicht sehr stabil und tief im Einsatz gehärtet sind (dunkel getönt), in Präzision der austauschbaren Einzelteile.

Seit 50 Jahren ALBRECHT Bohrfutter

Größen für jeden Bedarf (ideal auch für Handbohrmaschinen):

- 0-3 0-5 0-6,5 0-8 0-10 1-13 3-16 mm spannend
- ausserdem Kleinbohrfutter 0-1,5 mm spannend

Je besser das Zusammenwirken von Stabilität, Stahlqualität, Härte und Genauigkeit der Einzelteile, sowie jahrzehntelang bewährter Konstruktion, desto geringer Verschleiss und Deformierung bei Belastung, desto besser Leistung, Lebensdauer und Wirtschaftlichkeit, umso mehr Freude an den ALBRECHT Super-Bohrfuttern

**87% of all
drill chucks
do not run
particularly
accurate.**

A drill chuck
"leads" a drill.
And the smaller
the tolerances,
the better the
performance.
And the longer
the durability.
By checking
the pin with
a dial gauge,
it is clear:
a drill with a
13 mm drills a
13.2 mm hole.

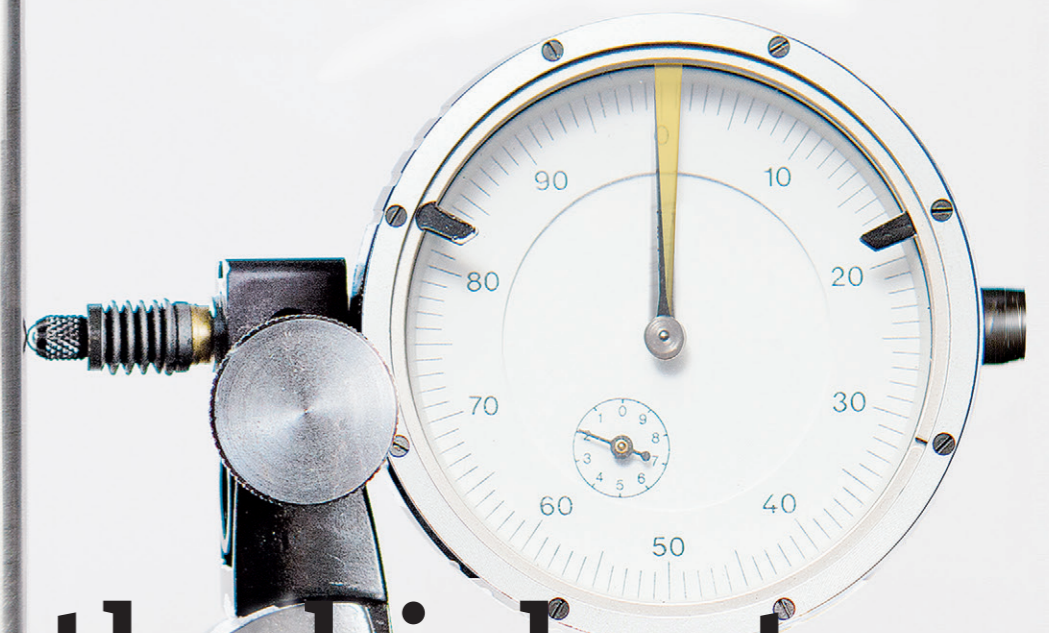


Bore

**An ALBRECHT
drill chuck opera-
tes at the limits
of physics and
provides you with**

An Albrecht
drill chuck
consistently
maintains an
accuracy of
0.05 mm over
the entire clam-
ping range.
100% guaranteed.


This fixed
precision ensures
consistency,
accuracy, and
minimal
backlash,
guaranteeing
durability
throughout its
lifetime.



**the highest run-
out accuracy.**

Bore

ALBRECHT
Precision Chucks



Have you experienced this issue? The drill gets stuck in the workpiece because the resistance is greater than the tension of the drill chuck. The drill stops, while the machine and chuck continue to turn empty. You have to stop everything, retighten, and then you can continue.

90% of all drill chucks do not have a self-tightening feature? They tend to release.

The Albrecht drill chuck adheres to its patent 588386. Due to the perfect tuning of the spindle, jaws, and all ground surfaces, the drill chuck is forced to close its jaws further and further just by the drill's momentum. This ensures that the chuck can follow the drill's momentum without any manual intervention.

Your ALBRECHT chuck is self tightening. Provides secure clamping.

World record.

**For example:
An Albrecht MT2.
Clamping range: 0.5 to 6.5 mm.
Speed: 10.000 rpm. Balanced.**

In order to produce the taper for your drill chuck we take time, a lot of time. And the more precise we do our job the more precise your results will be later. Gauge tolerance: AT3, DIN 228 B – and even better.

21 mm more space.
An Albrecht drill chuck needs less space than the usual two-piece chuck-taper connection.

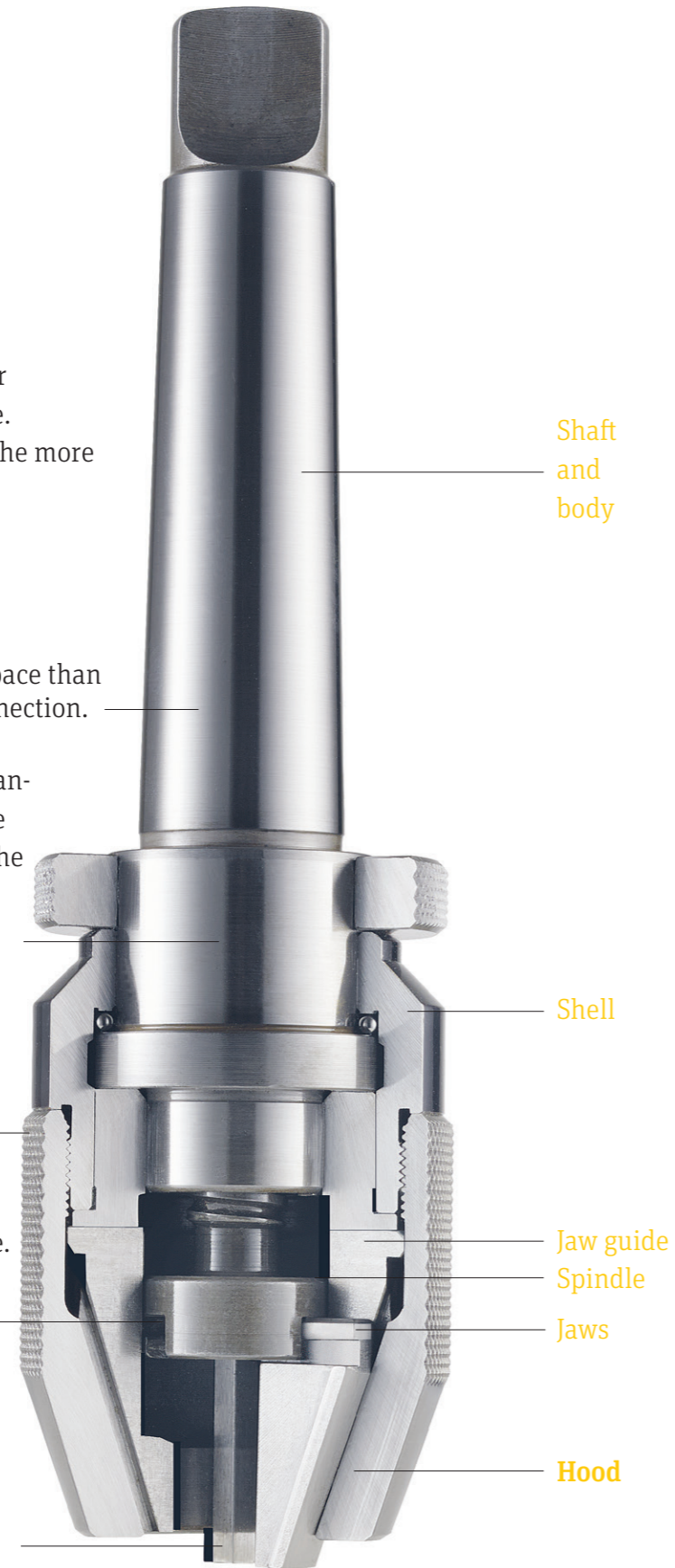
Only an integrated morse taper guarantees highest rigidity and prevents the frequent loosening of a chuck from the taper. Thus, we do reduce a part that causes run-out problems.

The bigger the torque – the more the best chuck tightens. Patent no. 588386. So far unbeaten.

Max. clamping when operated clockwise. Keyless opening anti-clockwise. The optimum inclination of the spindle can only be mastered after years of experience.

We will never part. Specifically hardened and Hood ground to this purpose. And all functional surfaces are perfectly tuned to one another.

Hardness: 64 HRC. A must for our jaws. Forget all else. For this is the only way to reliably clamp tool shafts. An Albrecht drill chuck has to pass 28 inspection stations. Then, we pass it on to you – so your work will make a difference.



Thank you

