

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

ASL Albrecht-Super-Lock self-tightening

- designed for a quick tool change with single part production and/or NC-machines
- self-tightening, open and close manually
- or with key for additional clamping force (if necessary)

CNC Drill Chuck ASL

The Albrecht CNC Drill Chuck ASL enables an easy and quick tool change. Thus, this chuck is especially suited for single part production with frequent tool change for NC-machines with taper shank SK40 and SK50 according to DIN 2080, DIN 69871 and JIS B 6339 (MAS BT and SK50).

The CNC drill chuck is distinguished by a special design, parts of very high precision as well as an assembly which is followed by a 100% quality check. This guarantees maximum clamping force and highest concentricity - and this leads to more precise bores and improved tool life.

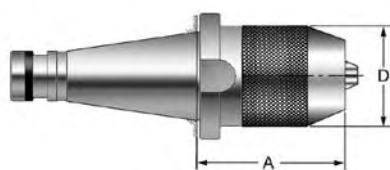
With increasing cutting force the clamping force of the chuck increases automatically as well. This self-tightening effect only works with clock-wise operation. The clamping force can be increased via the supplied key. The chuck can easily be opened for tool change.

This is possible only because all parts are manufactured to fit each other and all working parts are case-hardened and ground.



ASL Albrecht-Super-Lock, Versions

(Dimensions in mm)



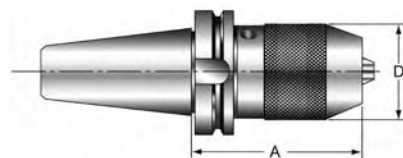
DIN 2080 Form A

| Ref. no. | Range | Form | A | D |
|----------------|----------|--------------|----|----|
| 100 4130 140 0 | 1 - 13 | DIN 2080-A40 | 82 | 50 |
| 100 4160 140 0 | 1,5 - 16 | DIN 2080-A40 | 84 | 56 |
| 100 4160 150 0 | 1,5 - 16 | DIN 2080-A50 | 83 | 56 |



DIN 69871 Form A

| Ref. no. | Range | Form | A | D |
|----------------|----------|---------------|----|----|
| 100 4130 240 0 | 1 - 13 | DIN 69871-A40 | 86 | 50 |
| 100 4160 240 0 | 1,5 - 16 | DIN 69871-A40 | 89 | 56 |
| 100 4160 250 0 | 1,5 - 16 | DIN 69871-A50 | 87 | 56 |



JIS B 6339 (MAS BT) Form A

| Ref. no. | Range | Form | A | D |
|----------------|----------|----------------|-----|----|
| 100 4130 440 0 | 1 - 13 | JIS B 6339-A40 | 92 | 50 |
| 100 4160 440 0 | 1,5 - 16 | JIS B 6339-A40 | 94 | 56 |
| 100 4160 450 0 | 1,5 - 16 | JIS B 6339-A50 | 105 | 56 |

