

**bilz**

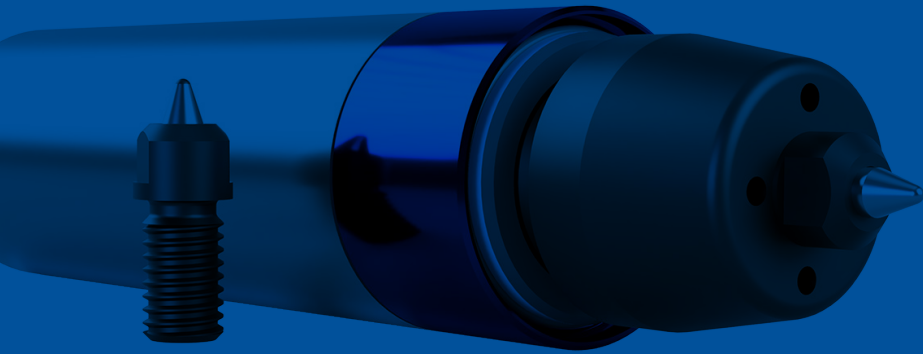
THE NEW

# ENGRAVING CHUCK

Engraving on almost all surfaces



Installation on  
any machine interface



**Rolling generates less lateral forces meaning that the bearing load on your machine is considerably reduced.**

**Examples:**



Plastic



Aluminum

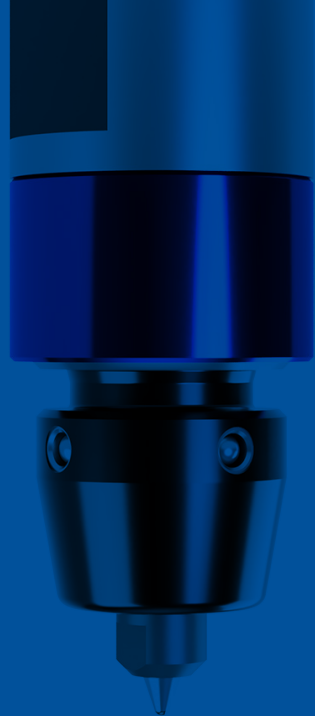


Steel



## Features of our engraving chuck

- Engraving on almost any surface and various materials such as plastic / aluminum / steel (max. 57 HRC)
- Adjustable engraving hardness (engraving depth)
- Adjustment of the preset (max. 5 mm) by adjusting the setting screw
- Cleaning of the work piece surface by internal compressed air flow – not coolant cleaning
- Tool holder Ø 20 mm collet/Weldon holder
- Despite the compact design, it is suitable for many different applications
- High wear resistance of the engraving point due to rolling ball
- Cost efficient replacement purchase of the engraving point
- Simple and quick change of the engraving point
- Levelling of any unevenness



For almost any material  
plastic, aluminum  
or hardened steel  
(max. 57 HRC)

#### Advantages

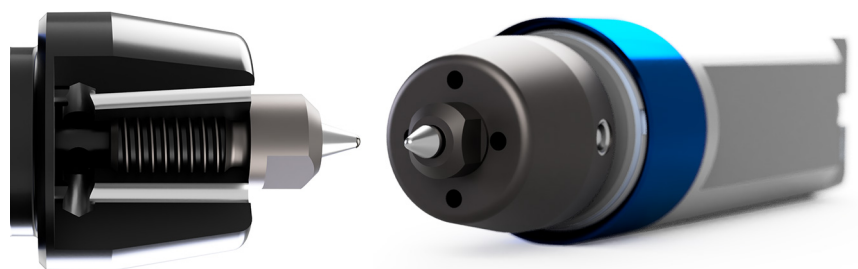
- Compressed air channels with different angle settings
- Adjustable engraving hardness (engraving depth)
- Rolling generates lower lateral forces
- Font width is adjusted (to a certain extent) by the pressing force, not by different points
- Compact design
- Simple and quick change of the engraving point
- Tool holder Ø 20 mm collet/Weldon holders

#### Benefits

- Cleaning of the work piece
- Engraving on almost any surface, on different materials - plastic / aluminum / steel (max. 57 HRC)
- Small bearing load on the machine – longer life
- Various font depths possible
- Covers almost any task
- Quick tool change
- Installation on any machine interface

#### *Cleaning with compressed air*

*Due to the specifically targetted compressed air channels around the engraving point, our engraving chuck achieves excellent cleaning results – even with fine chips.*



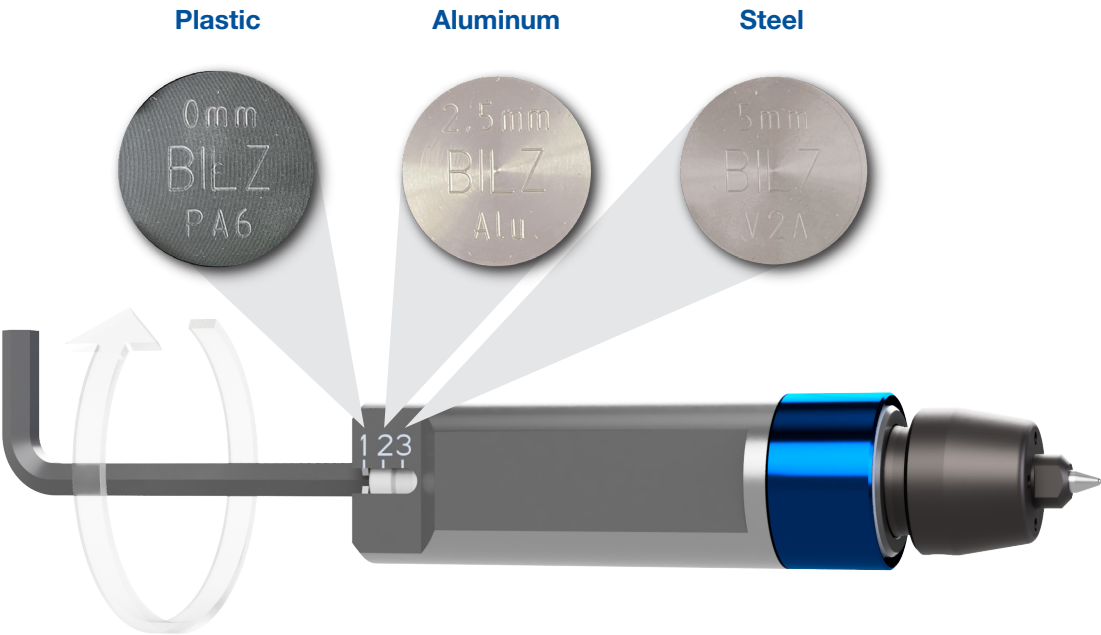
- Long life
- No damage or weakening of the surface
- No burr formation
- Marking of sandblasted surfaces with a hardness of up to 57 HRC possible
- Quick and silent engraving during the production process
- Can be changed like a normal tool
- For all standard holders and materials

# ET0



Our offer to you consists of the ET0 engraving tool and the engraving point.

| ET0                          | Description     | Ident No. | Design                                                                             |
|------------------------------|-----------------|-----------|------------------------------------------------------------------------------------|
| Gravierwerkzeug              | ET0-36-K1-Z2000 | 5175473   |  |
| Engraving tip set<br>3 piece | ET0-M5-4B-S     | 5205269   |   |



## Adjustment and Forces

| Material             | Presetting | Infeed | Engraving force |
|----------------------|------------|--------|-----------------|
| Plastic              | 0 mm       | 1,0 mm | → 50 N          |
| Aluminum             | 2,5 mm     | 1,0 mm | → 80 N          |
| Steel max.<br>57 HRC | 5,0 mm     | 1,0 mm | → 110 N         |



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