

# SOLO

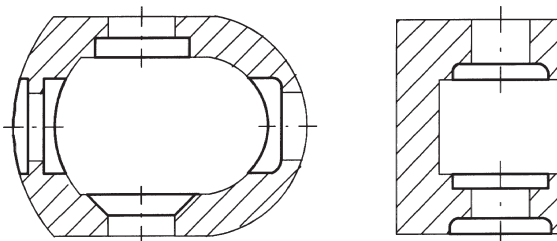
## Automatic Back Counterboring Tool



Front & Back Counterboring in a Single Operation. No Stop Block or Changing Spindle Direction... **Reliable Operation**

- Change Inserts in Seconds
- Manufactured for High Production Environments
- Solid Carbide Coated Inserts
- With Through Coolant

Front & Back Spotface, Counterbores, and Countersink Forms:



The HEULE tool systems are protected by international patents

# HEULE

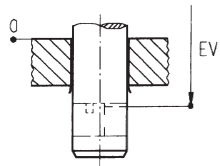
TOOL CORPORATION

SOLO-FLY 2.07



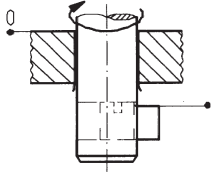
# Back Countersinking Tool

## Working Principle



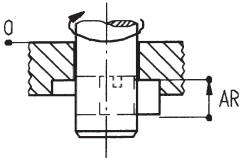
### Spindle Stop:

Pass tool through work piece (Blade is retracted)



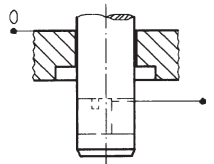
### Spindle Start:

(Minimum 1000 RPM)  
The blade locks out



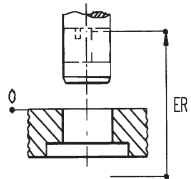
### Back Feed:

Machine the back of the work piece



### Spindle Stop:

The blade retracts



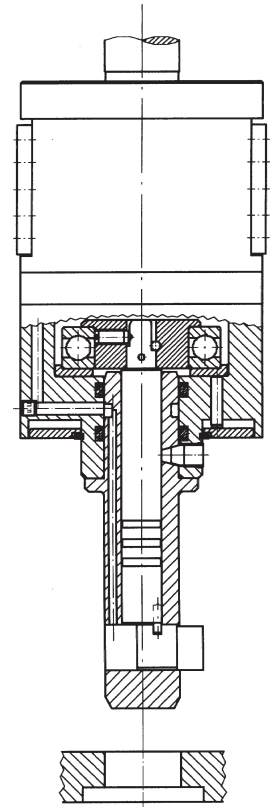
### Next Hole:

Rapid out of the work piece

HEULE's simple to use **SOLO Back Spotface and Countersink Tool** does not require a stop block, spindle reversal or coolant to activate the tool. The cutting blade is activated when the spindle speed reaches 1000 RPM or higher.

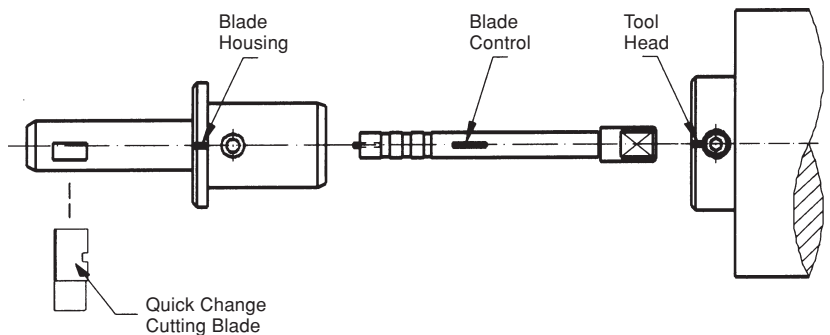
Weights inside the sealed tool head move outward with the spindle rotation and engage the cutting blade. When the spindle stops, strong springs push the weights back to center and the blade retracts.

The SOLO Tool is made for high production use and is suitable for all CNC, Transfer, Dial, and multi-spindle machines. Unlike other flip-out back boring systems, HEULE's patented pin drive system activates the cutting blade radially, which prevents chips from interfering with the tool's operation.



## Modular System

Each setup consists of a Cutting Blade, Blade Housing and Blade Control. The Tool Head is standard and available with integral shanks.



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