



## STATIONARY WORKHOLDING



*The Essential choice  
for 5-axis machining*







## Self-centering vice for 5-axis machines



### E5 88-130

Self-centering vice

Page

4



### E5 125-180

Self-centering vice

Page

5



### E5

Alu pyramid

Page

6



### E5

Accessories

- Riser
- Pair of soft jaws (soft steel – ALU)

Page

7



### E5

Spare parts

- Pair of BASIC jaws
- Spindel group

Page

9

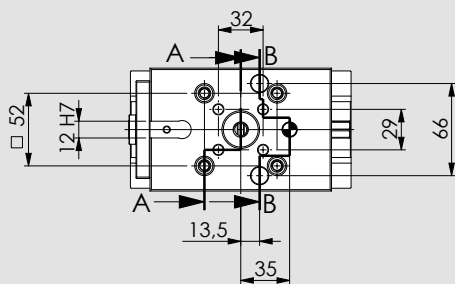


### Applications / Customer Benefits

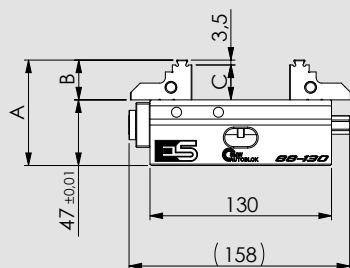
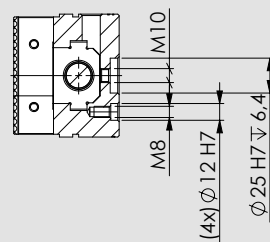
- Highly precise **only** self-centering clamping with maximum repeatability
- Compact design for improved accessibility and very wide chip evacuation openings
- Ideal for OP 10 and OP 20

### Technical features

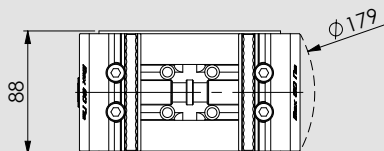
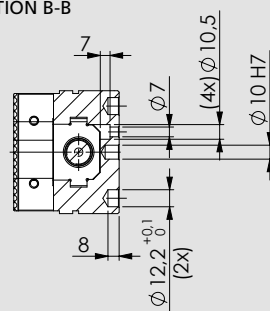
- Self-centering clamping
  - Clamping force up to 15 kN (80 Nm)
  - Jaw width 84 mm
  - Interface for Zero Point system APS / TDM and Plus5 52
  - Through-holes for frontal clamping on cubes and plates
- Wrench



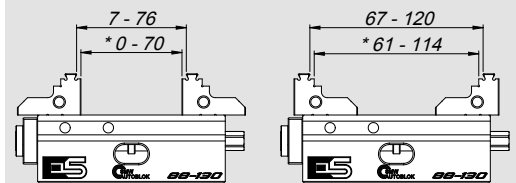
SECTION A-A



SECTION B-B



Subject to technical changes



\* Opening with smooth jaws

Subject to technical changes

| Type                    | Id. No.    | A    | B    | C  | Weight (Kg) |
|-------------------------|------------|------|------|----|-------------|
| E5 88 - 130             | 77583352   | 75,5 | 28,5 | 25 | 4,5         |
| E5 88 - 130 H1          | 77583352H1 | 65,5 | 18,5 | 15 | 4,0         |
| E5 88 - 130 (body only) | 77583351   | -    | -    | -  | 3,5         |

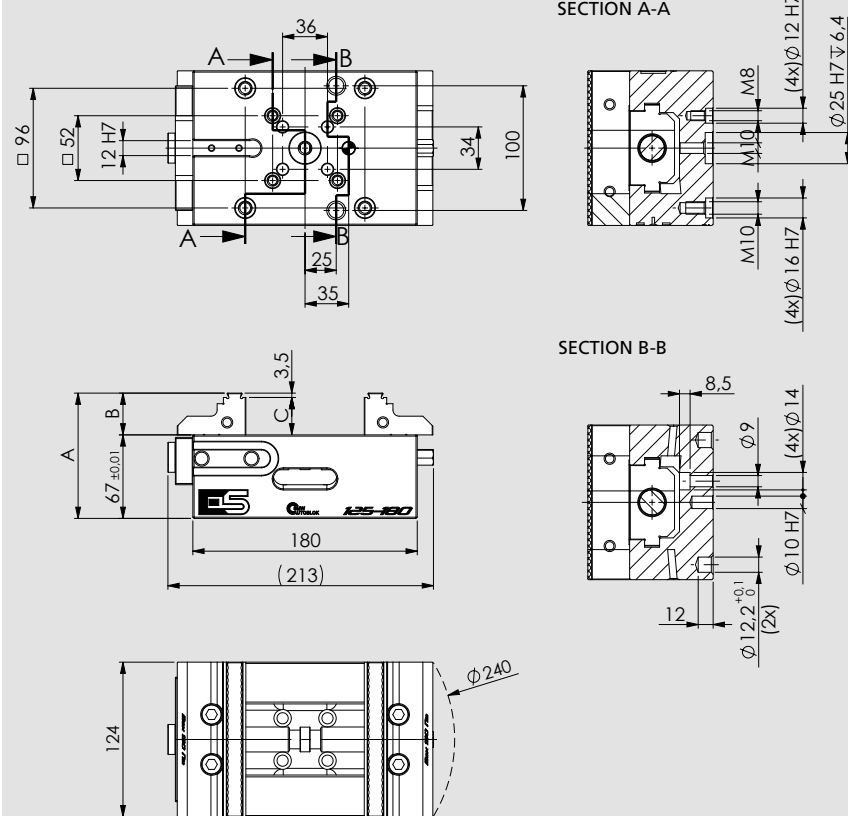


### Applications / Customer Benefits

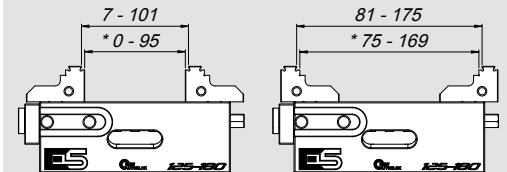
- Highly precise **only** self-centering clamping with maximum repeatability
- Compact design for improved accessibility and very wide chip evacuation openings.
- Ideal for OP 10 and OP 20

### Technical features

- Self-centering clamping
  - Clamping force up to 25 kN (130 Nm)
  - Jaw width 124 mm
  - Interface for Zero Point system APS, TDM and Plus5 52/96
  - Through-holes for frontal clamping on cubes and plates
- Wrench



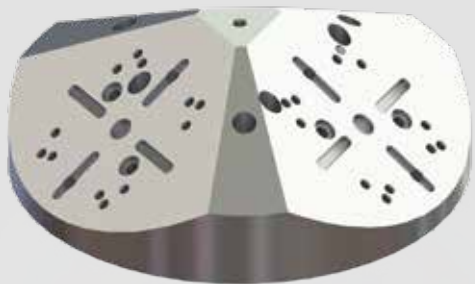
Subject to technical changes



\* Opening with smooth jaws

Subject to technical changes

| Type                     | Id. No.    | A     | B    | C  | Weight (Kg) |
|--------------------------|------------|-------|------|----|-------------|
| E5 125 - 180             | 77583362   | 100,5 | 33,5 | 30 | 12,5        |
| E5 125 - 180 H1          | 77583362H1 | 89,5  | 22,5 | 19 | 11,0        |
| E5 125 - 180 (body only) | 77583361   | -     | -    | -  | 9,5         |



## Applications / Customer Benefits

- Ideal for 5 axis machines
- Compact design
- Possibility to be mounted directly on machine tools with radial slots at 45 / 60 degrees
- Possibility to be mounted directly on APS Zero Point system and Plus5

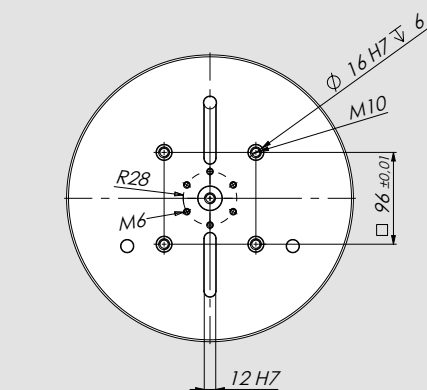
## Technical features

- Material: ALU

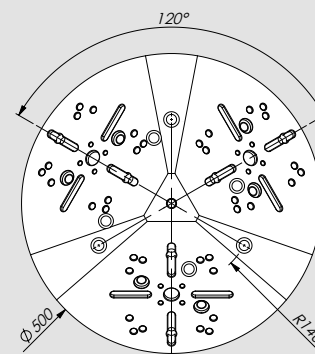
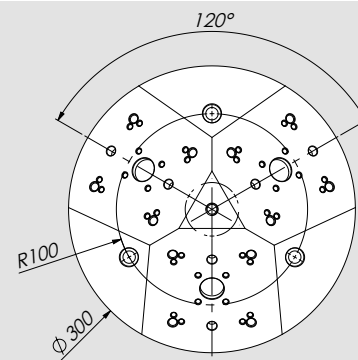
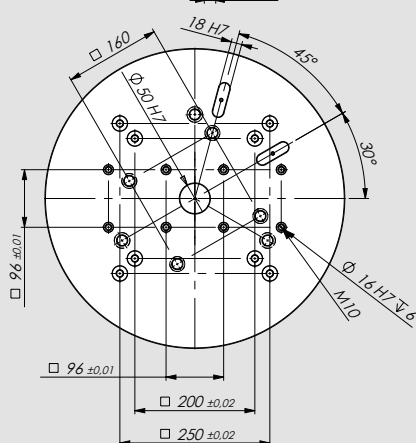
## Standard equipment

Positioning keys and screws for IMG, V5 and E5 vises  
Pins and screws

IMG 88 - 130  
V5 88 - 130  
E5 88 - 130  
PLUS 5 - 52



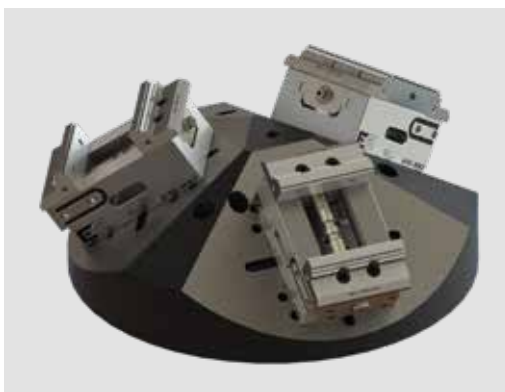
IMG 125 - 180  
IMG 125 - 220  
V5 125 - 180  
E5 125 - 180  
PLUS 5 - 96



Subject to technical changes.

| Type                                                         | Id. No.  | Weight (Kg) |
|--------------------------------------------------------------|----------|-------------|
| For IMG, V5, E5 88-130 and PLUS 5 - 52                       | 58343210 | 12          |
| For IMG 125-180, IMG 125-220, V5, E5 125-180 and PLUS 5 - 96 | 58353210 | 55          |

## Application example

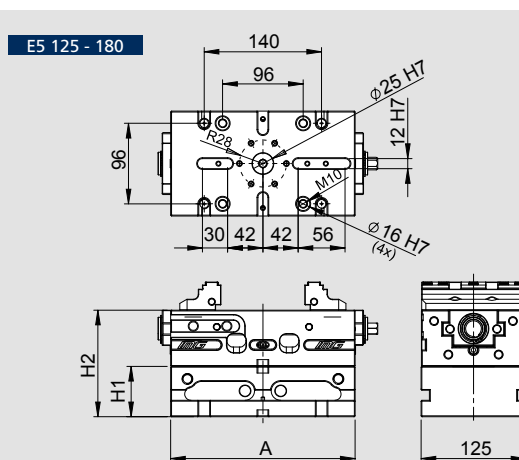
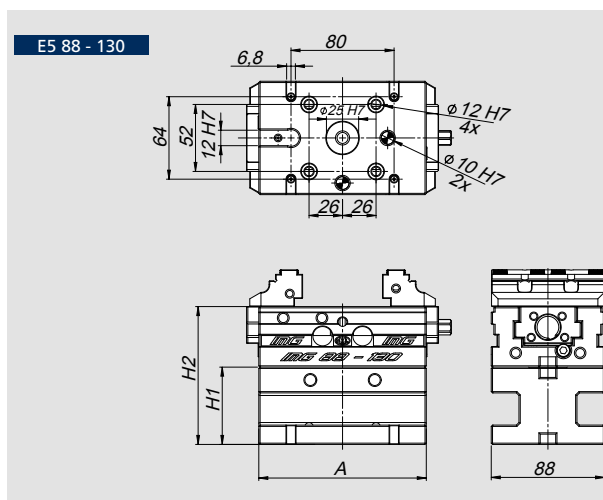




- Ideal for 5 axis machines
- Compact design
- Possibility to be mounted directly on machine tools with T slots
- Possibility to be mounted directly on single plate

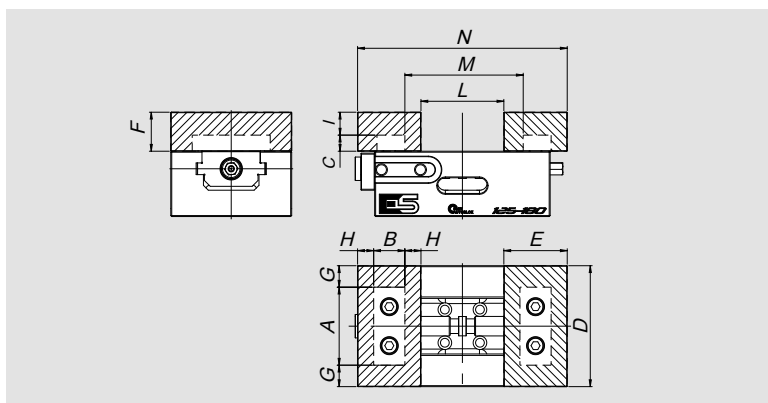
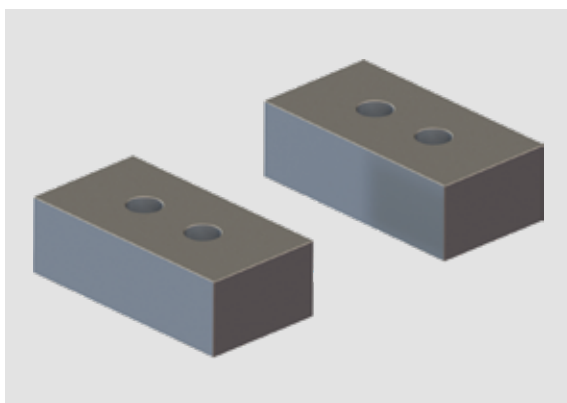
- Material: steel

On request: Positioning keys for IMG / APS pins / Positioning keys for machine tool



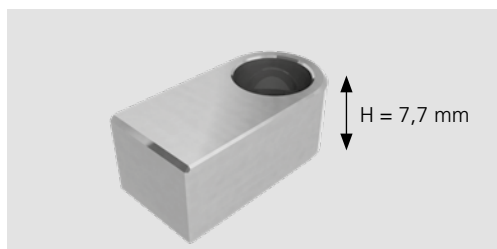
| Type             | Id. No.  | H1  | H2  | A   | Weight |
|------------------|----------|-----|-----|-----|--------|
| For E5 88 - 130  | 58342018 | 60  | 107 | 130 | 4 Kg   |
| For E5 88 - 130  | 58342028 | 100 | 207 | 130 | 6 Kg   |
| For E5 125 - 180 | 58352017 | 60  | 124 | 180 | 8 Kg   |
| For E5 125 - 180 | 58352027 | 100 | 147 | 180 | 12 Kg  |

### Pair of soft jaws (soft steel – ALU)



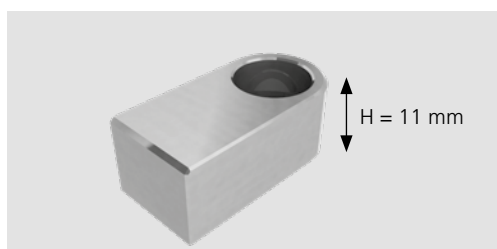
| Type         |     | Id. No.  | A  | B  | C    | D   | E  | F  | G    | H    | I    | L  | M   | N   |
|--------------|-----|----------|----|----|------|-----|----|----|------|------|------|----|-----|-----|
| E5 88 - 130  | ALU | 58335619 | 55 | 24 | 13   | 84  | 45 | 40 | 14,5 | 10,5 | 27   | 61 | 82  | 151 |
| E5 88 - 130  | Fe  | 58335629 | 55 | 24 | 13   | 84  | 45 | 40 | 14,5 | 10,5 | 27   | 61 | 82  | 151 |
| E5 125 - 180 | ALU | 58336619 | 80 | 32 | 16,5 | 124 | 65 | 40 | 22   | 16,5 | 23,5 | 85 | 121 | 215 |
| E5 125 - 180 | Fe  | 58336629 | 80 | 32 | 16,5 | 124 | 65 | 40 | 22   | 16,5 | 23,5 | 85 | 121 | 215 |

### Key for single use on APS 140 (vice body side)



| Type  | Id. No.  |
|-------|----------|
| E5 88 | 46162329 |

### Key for single use on APS 140 (vice body side)



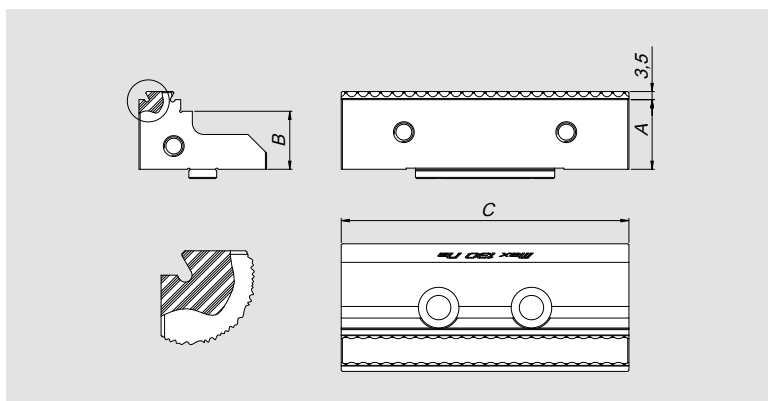
| Type   | Id. No.  |
|--------|----------|
| E5 125 | 58351312 |

### Torque Wrench



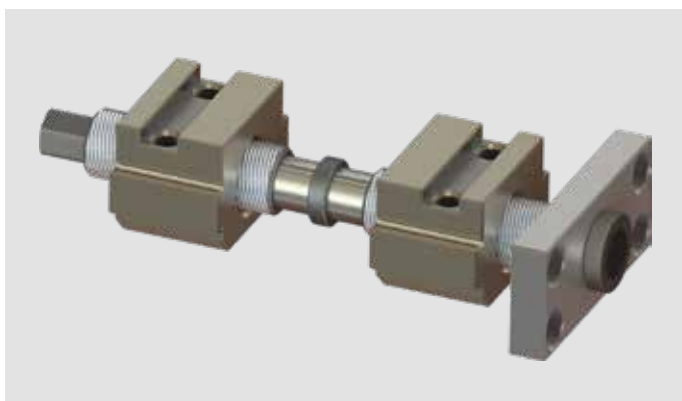
| Type   | Id. No.  |
|--------|----------|
| E5 88  | 51501027 |
| E5 125 | 51501028 |

### Pair of BASIC jaws (for materials up to 30 HRC)



| Type            | Id. No.  | A  | B  | C   |
|-----------------|----------|----|----|-----|
| E5 88 - 130     | 58335259 | 25 | 20 | 84  |
| E5 88 - 130 H1  | 58335269 | 15 | 11 | 84  |
| E5 125 - 180    | 58336259 | 30 | 25 | 124 |
| E5 125 - 180 H1 | 58336269 | 19 | 14 | 124 |

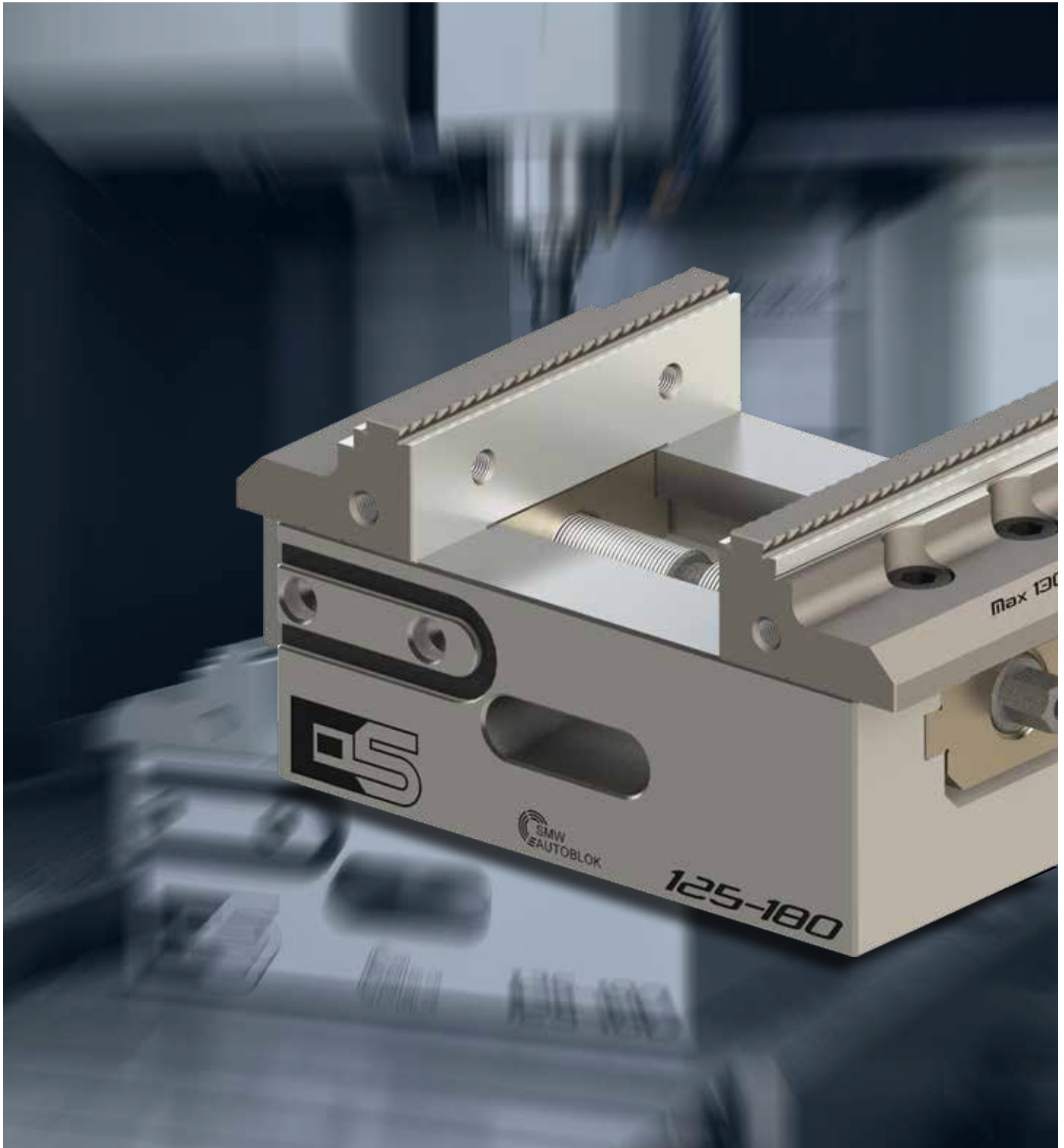
### Spindel group



| Type       | Id. No.  |
|------------|----------|
| E5 88-130  | 58339050 |
| E5 125-180 | 58339060 |

The E5 vice, **self-centering only** and with an essential design, represents the effective and competitive choice within the OML range.

- Basic jaw only
- Unprotected screw
- Interface for zero-point clamping systems and Plus 5 52/96
- Automation ready interface
- Through-holes for frontal clamping on cubes and plates
- Very large chip evacuation openings
- Hardened and precision-ground guideways for maximum accuracy and repeatability







**SINTERGRIP**



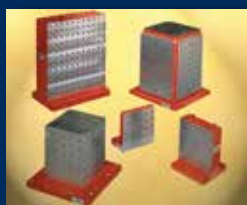
**APS**



**PLUS 5**



**TDM**



**FMS**



**TC**



**MC**



**CLAK SYSTEM**



**IMG**



**V5**



**E5**



**GENIUS**



**CIVI SINTERGRIP**



**CAM SYSTEM**



**HOLDING CLAMPS**



**VARI CLAMP**



**TWIN VISE**



**JAWS**



**FAST CLAMPS**



A COMPANY OF THE GROUP



**OFFICINA MECCANICA LOMBARDA S.r.l.**

Viale dell'Industria 6 - 27020 Trivolzio (PV) ITALY  
Tel. +39 0382 93 00 00

E-mail ► [omlspa@omlspa.it](mailto:omlspa@omlspa.it)  
Web ► [www.omlspa.it](http://www.omlspa.it)