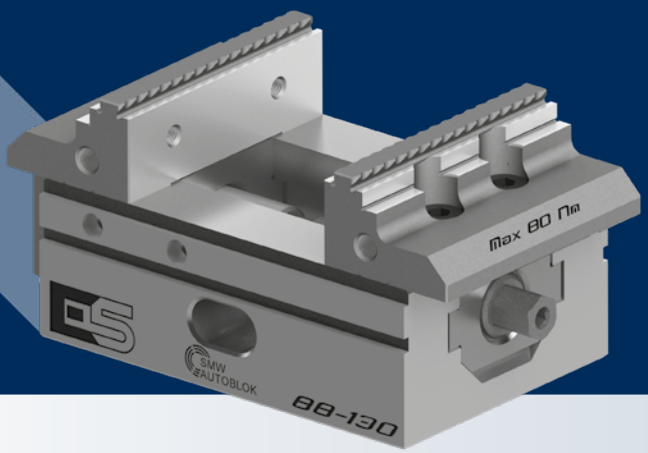
5 axis



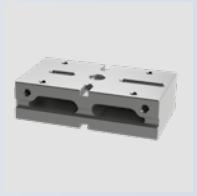
Self-centering vice for 5-axis machines

The Essential choice for 5-axis machining



E5 88-130

Page 5.3.2



E5
Accessories

Page 5.3.5



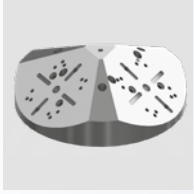
E5 125-180

Page 5.3.3



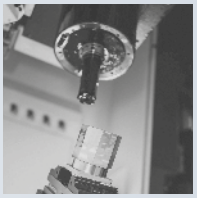
E5
Spare parts

Page 5.3.7



E5
Alu pyramid

Page 5.3.4



E5
Description

Page 5.3.8

E5 88 - 130

E5 - Self-centering vice for 5-axis machines



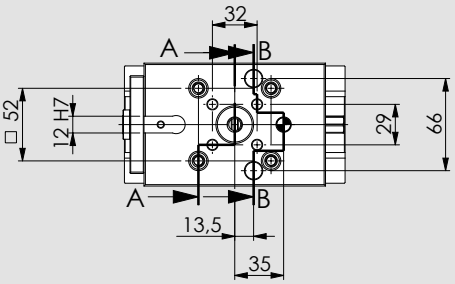
Applications / Customer Benefits

- 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

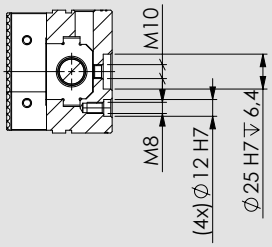
Technical features

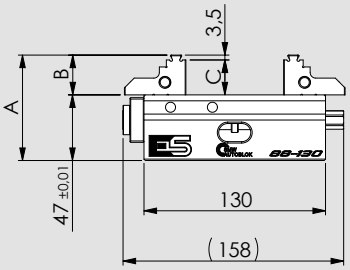
- Self-centering clamping
- Clamping force up to 15 kN (80 Nm)
- Jaw width 84 mm
- Interface for Zero Point system APS / TDM and Plus5 52
- Through-holes for frontal clamping on cubes and plates

Wrench

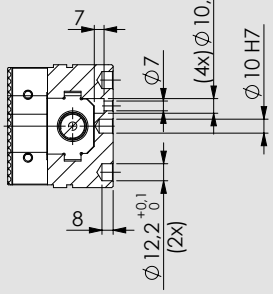


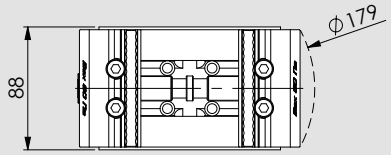
SECTION A-A



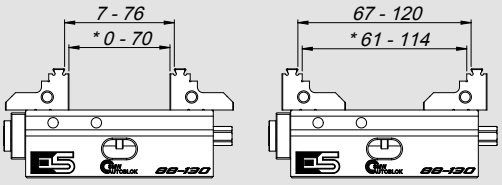


SECTION B-B





Subject to technical changes



* Opening with smooth jaws

Subject to technical changes

Id. No.	Weight (Kg)
77583352	4,5

E5 125 - 180



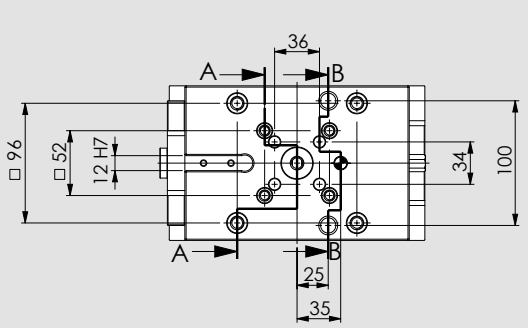
Applications / Customer Benefits

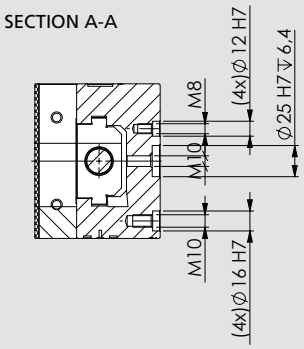
- Highly precise **only** self-centering clamping with maximum repeatability
- Compact design for improved accessibility and very wide chip evacuation openings.
- Ideal for OP 10 and OP 20

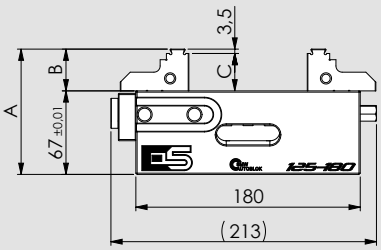
Technical features

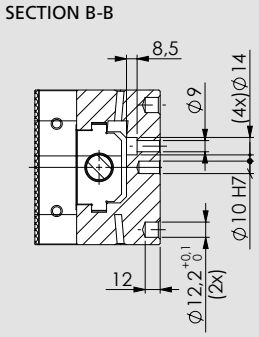
- Self-centering clamping
- Clamping force up to 25 kN (130 Nm)
- Jaw width 124 mm
- Interface for Zero Point system APS, TDM and Plus5 52/96
- Through-holes for frontal clamping on cubes and plates

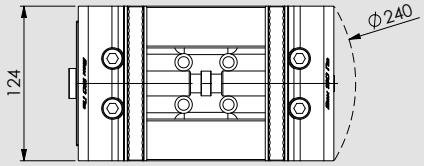
Wrench



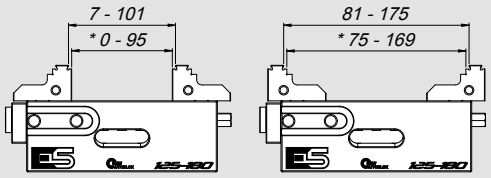








Subject to technical changes



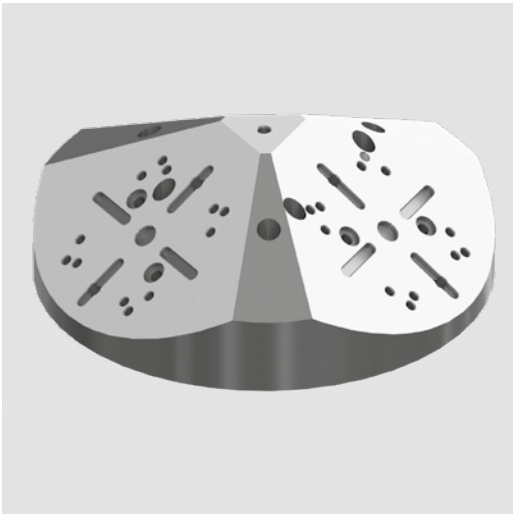
* Opening with smooth jaws

Subject to technical changes

Id. No.	Weight (Kg)
77583362	12,5

E5

Alu pyramid for V5 88-130 / 125-180



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

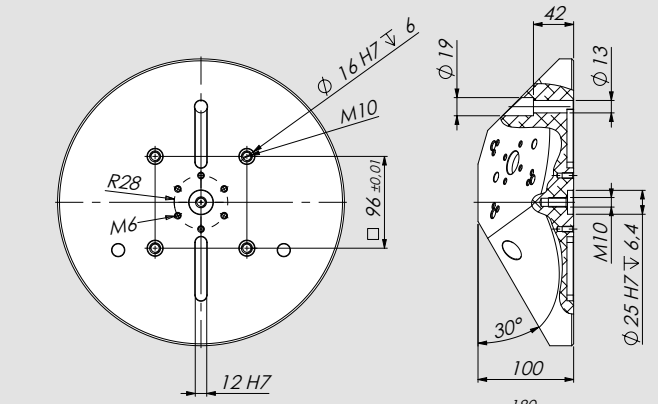
Technical features

- Material: ALU

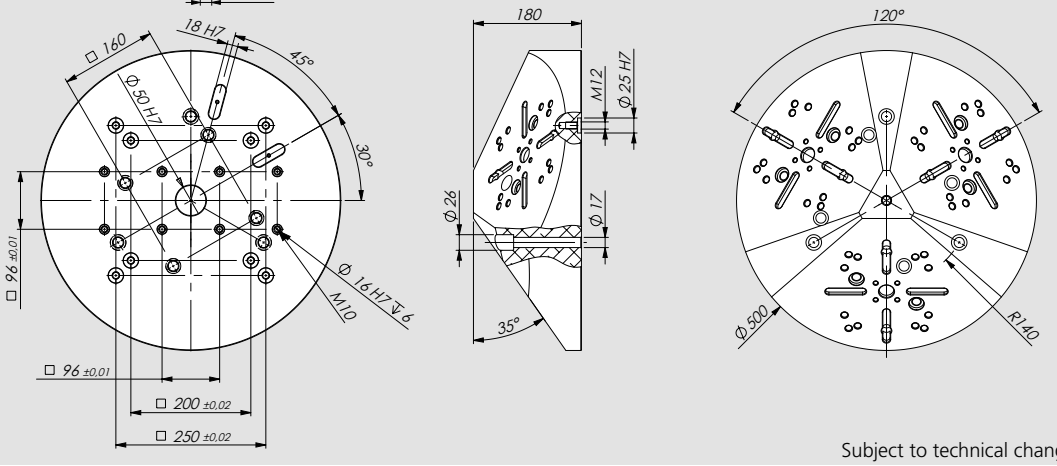
Standard equipment

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



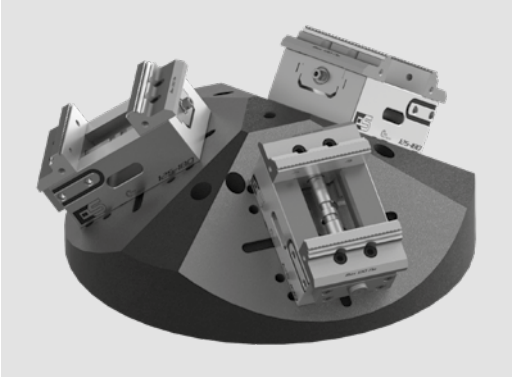
IMG 125 - 180
IMG 125 - 220
V5 125 - 180
E5 125 - 180
PLUS 5 - 96



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



Riser



Applications / Customer Benefits

- 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 or DUO APS (pitch 200)

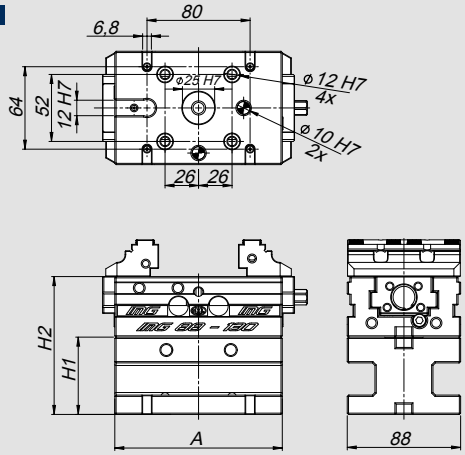
Technical features

- Material: steel

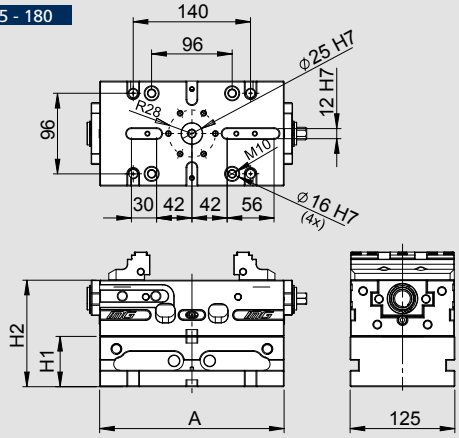
Standard equipment

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

E5 88 - 130

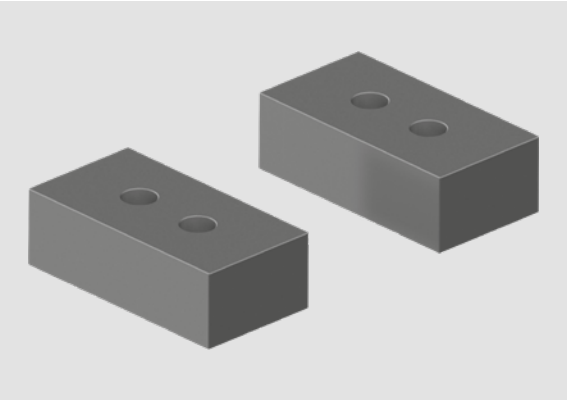


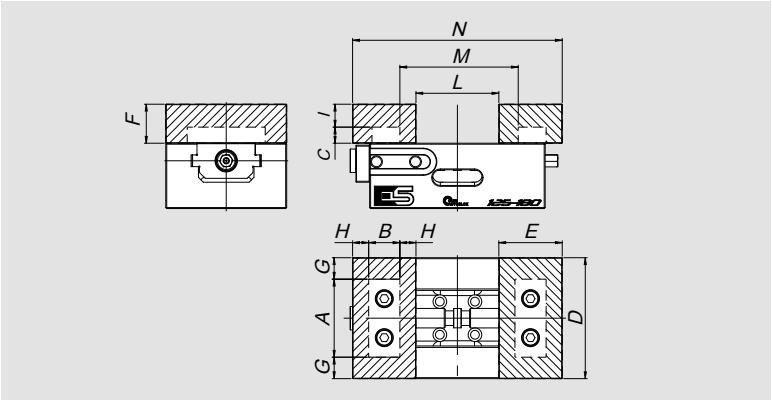
E5 125 - 180



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

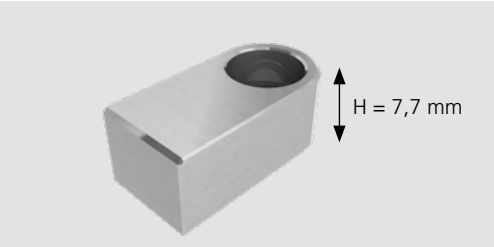
Pair of soft jaws (soft steel – ALU)





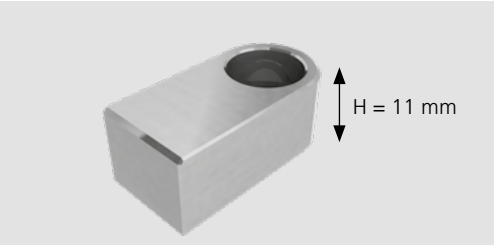
Type		Id. No.	A	B	C	D	E	F	G	H	I	L	M	N
E5 88 - 130	ALU	58335619	55	24	13	84	45	40	14,5	10,5	27	61	82	151
E5 88 - 130	Fe	58335629	55	24	13	84	45	40	14,5	10,5	27	61	82	151
E5 125 - 180	ALU	58336619	80	32	16,5	124	65	40	22	16,5	23,5	85	121	215
E5 125 - 180	Fe	58336629	80	32	16,5	124	65	40	22	16,5	23,5	85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



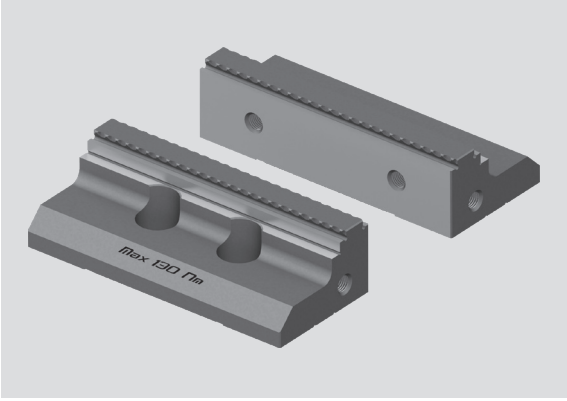
Type	Id. No.
E5 125	58351312

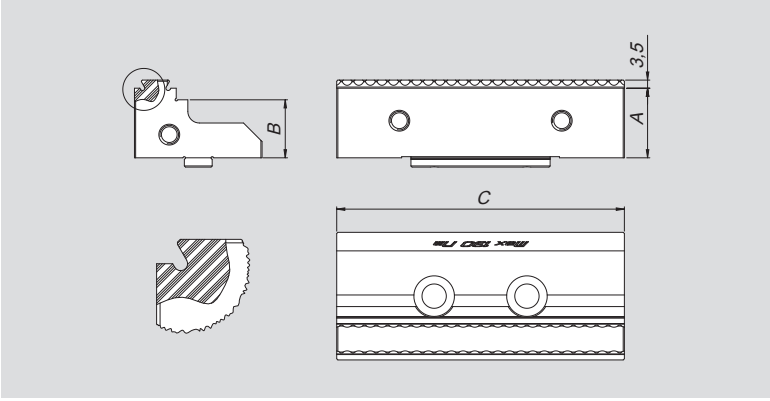
Torque Wrench



Type	Id. No.
E5 88	51501027
E5 125	51501028

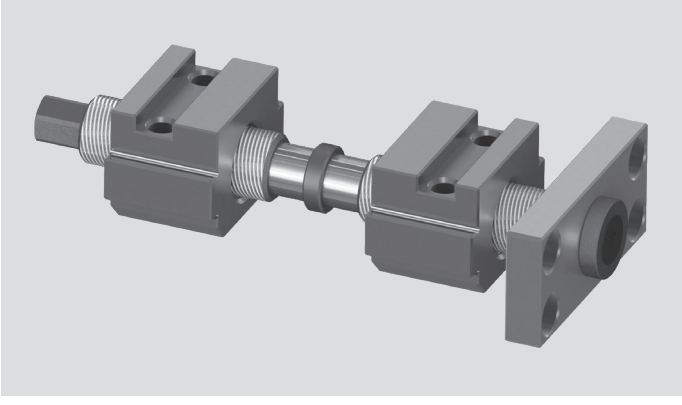
Pair of BASIC jaws (for materials up to 30 HRC)





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

E5 - Self-centering vice for 5-axis machines

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

