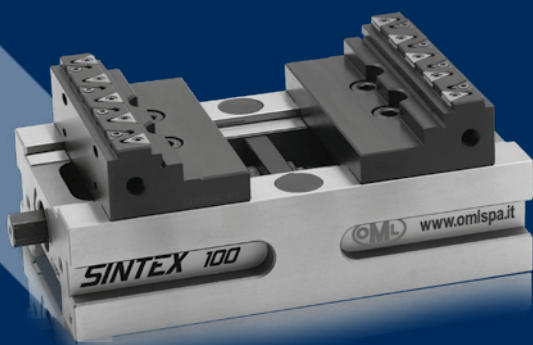


5
axis



SINTEX

5.2

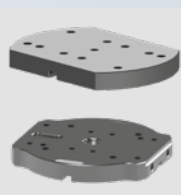
Self-centering vice



SINTEX 75 - 100 - 125

Main features

Page 5.2.3



SINTEX 75 - 100 - 125

Accessories and spare parts

- Interface plate

Page 5.2.8



SINTEX 75

Page 5.2.4



Perni di bloccaggio

Accessories

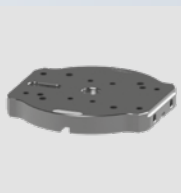
- For APS 140 e APS 190

Page 5.2.9



SINTEX 100

Page 5.2.5



Pallet per Automazione

Accessories

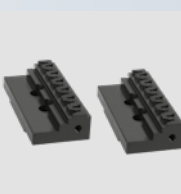
- For APS 140 e APS 190

Page 5.2.10



SINTEX 125

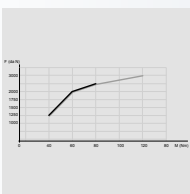
Page 5.2.6



SINTEX 75 - 100 - 125

Accessories and spare parts

Page 5.2.12



SINTEX 75 - 100 - 125

Technical data

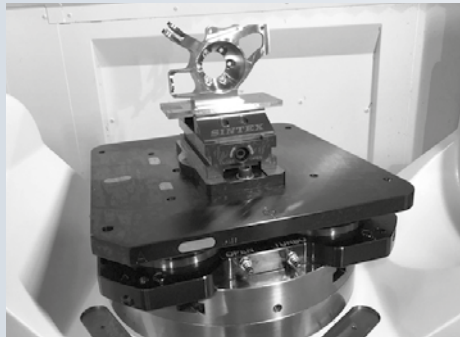
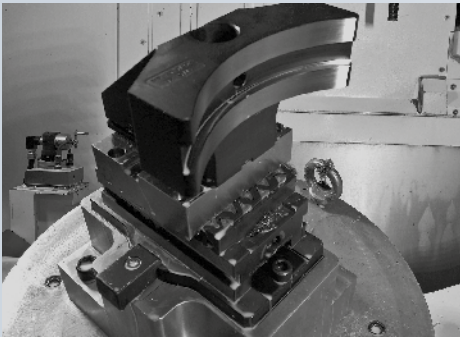
Page 5.2.7



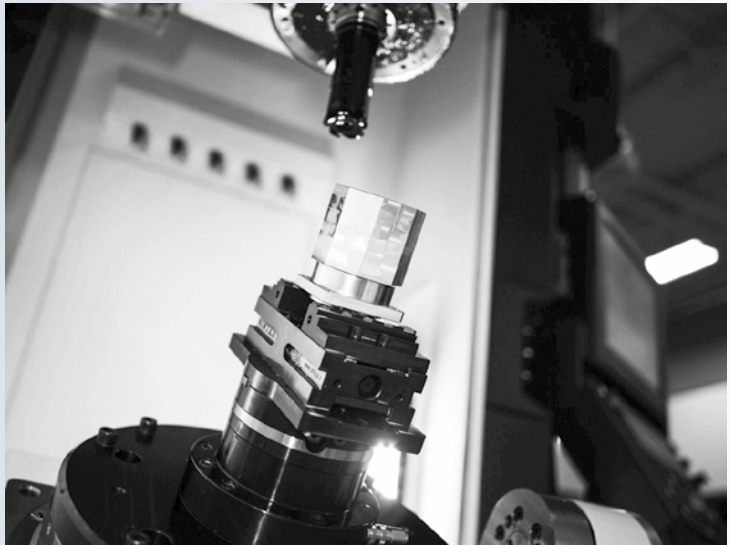
SINTEX 75 - 100 - 125

- SinterGrip

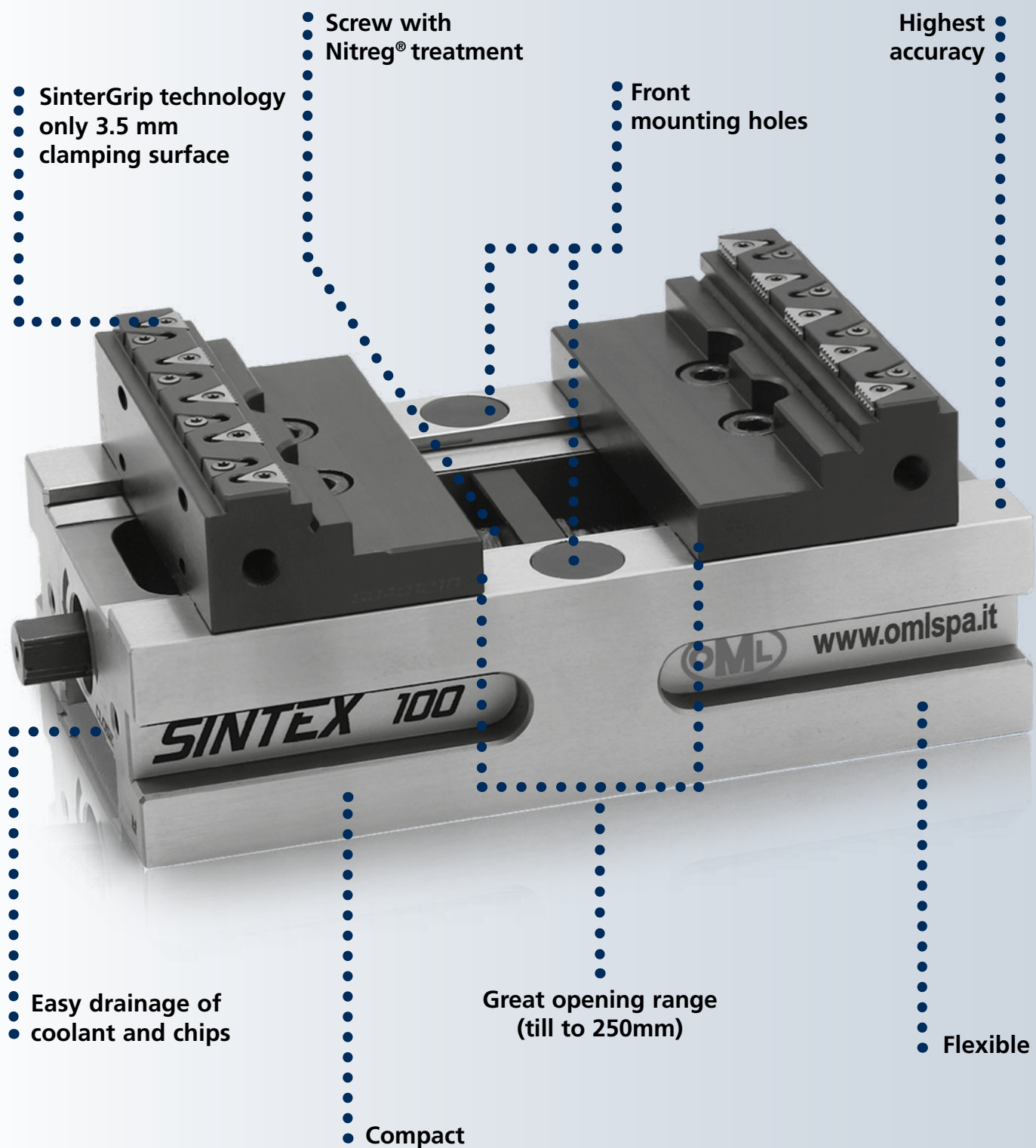
Page 5.2.16

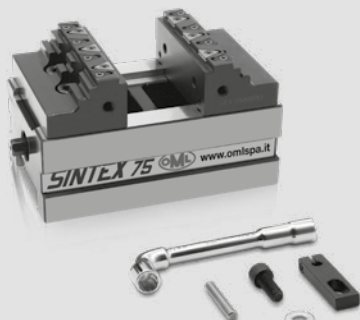


5
axis



SINTEX





Applications / Customer Benefits

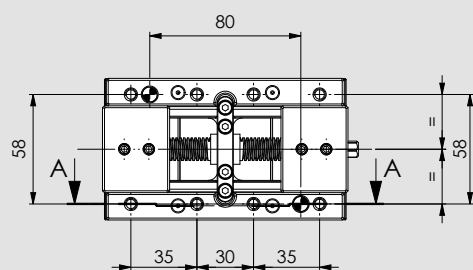
- Highly precise self-centering clamping with maximum repeatability
- Compact design for better accessibility and very large drainage slots
- Jaws with SinterGrip clamping inserts for minimum workpiece clamping depth without pre-machining
- Wide clamping range
- Ideal for OP 10 and OP 20

Technical features

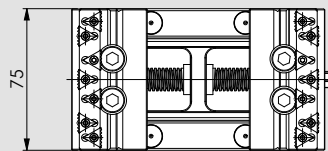
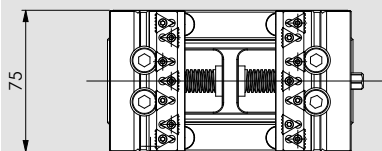
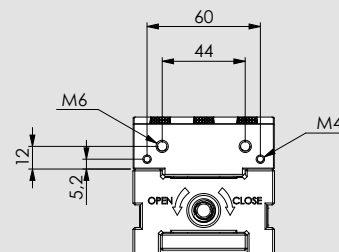
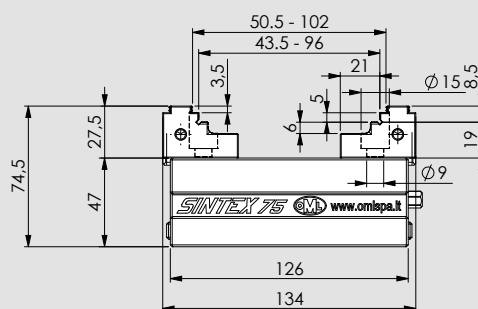
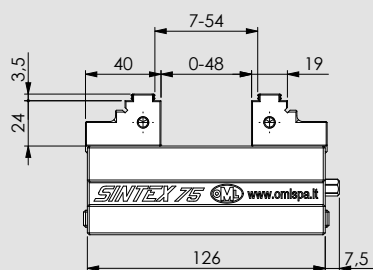
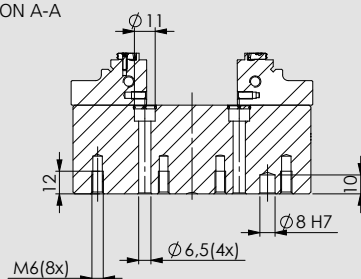
- Self-centering clamping
- Clamping force up to 20 kN
- Jaw width 75 mm
- Interface for zero point systems APS / WPS

Standard equipment

Wrench, jaws, Sintergrip inserts.



SECTION A-A



Id. No.	Type
77584931	SINTEX 75 STD
77584932	SINTEX 75 ALU
77584933	SINTEX 75 HRC



Applications / Customer Benefits

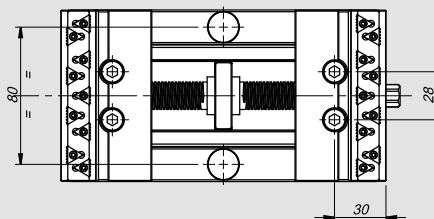
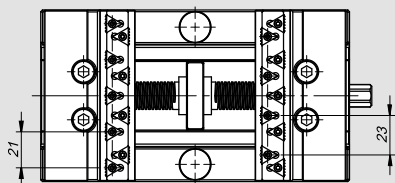
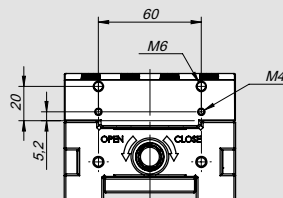
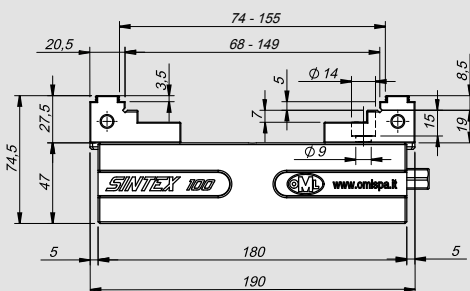
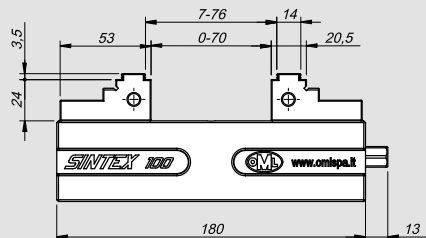
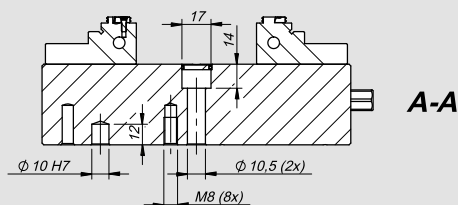
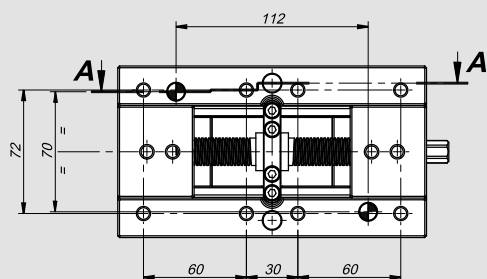
- Highly precise self-centering clamping with maximum repeatability
- Compact design for better accessibility and very large drainage slots
- Jaws with SinterGrip clamping inserts for minimum workpiece clamping depth without pre-machining
- Wide clamping range
- Ideal for OP 10 and OP 20

Technical features

- Self-centering clamping
- Clamping force up to 25 kN
- Jaw width 100 mm
- Interface for zero point systems APS / WPS

Standard equipment

Wrench, jaws, Sintergrip inserts.



Id. No.	Type
77584911	SINTEX 100 STD
77584912	SINTEX 100 ALU
77584913	SINTEX 100 HRC

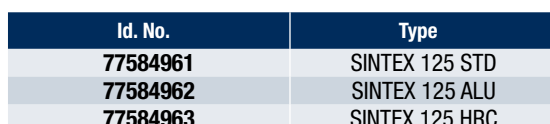
PREMIUM



- Highly precise self-centering clamping with maximum repeatability
- Compact design for better accessibility and very large drainage slots
- Jaws with SinterGrip clamping inserts for minimum workpiece clamping depth without pre-machining
- Wide clamping range
- Ideal for OP 10 and OP 20

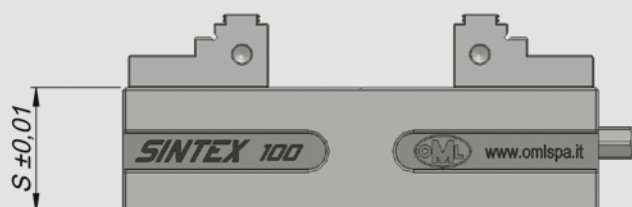
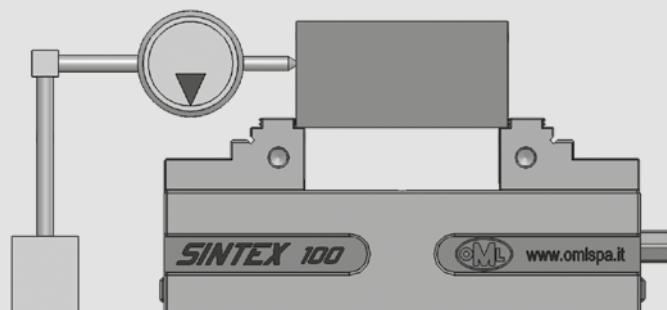
- Self-centering clamping
- Clamping force up to 30 kN
- Jaw width 125 mm
- Interface for zero point systems APS / WPS

Wrench, jaws, Sintergrip inserts.

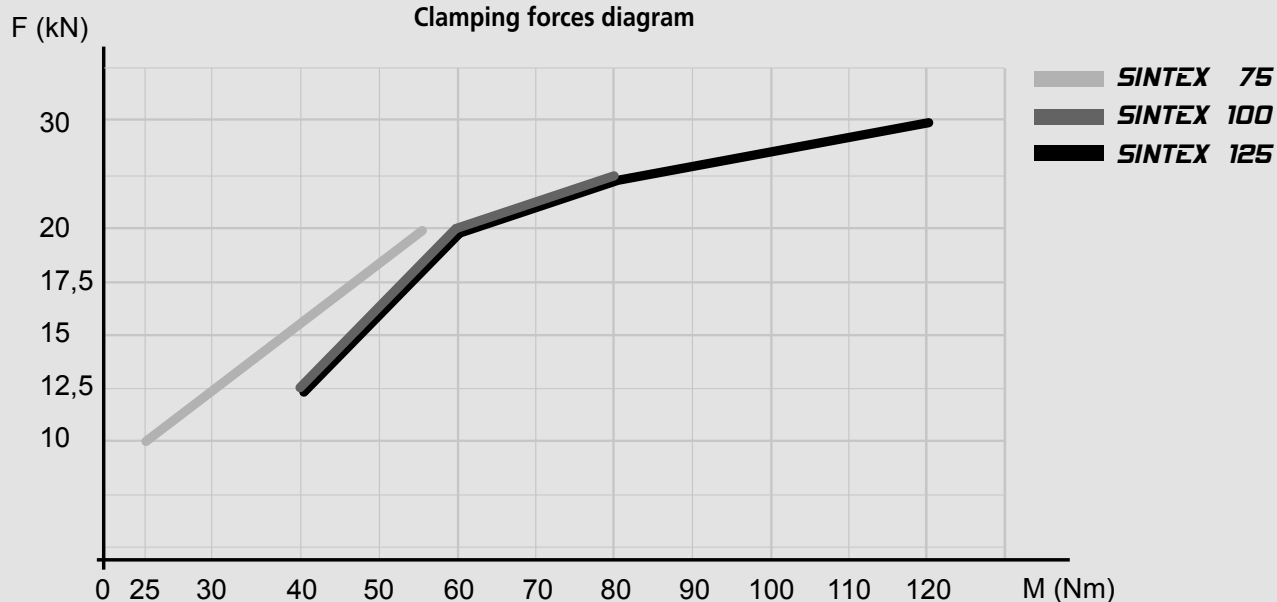


TECHNICAL DATA

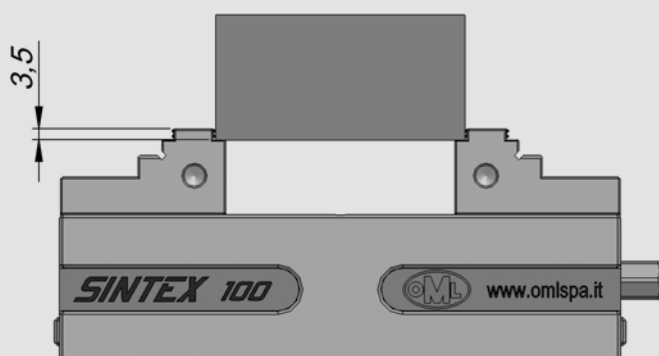
Tolerances


Repeatability accuracy $\pm 0,01$


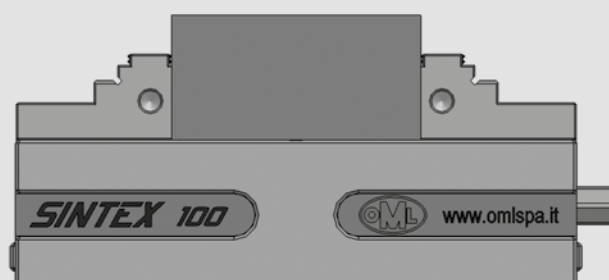
Clamping forces diagram



Working example

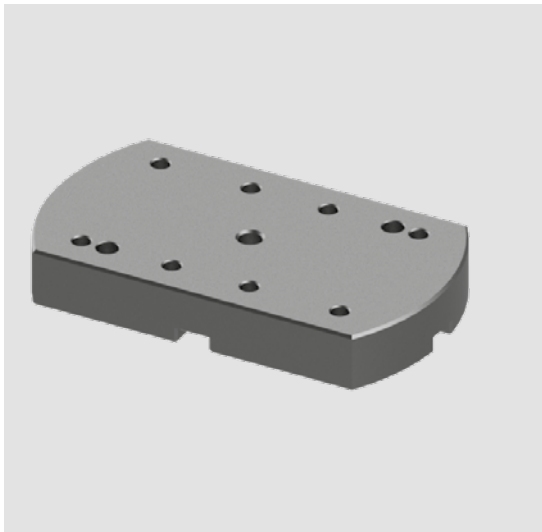


1 OP.



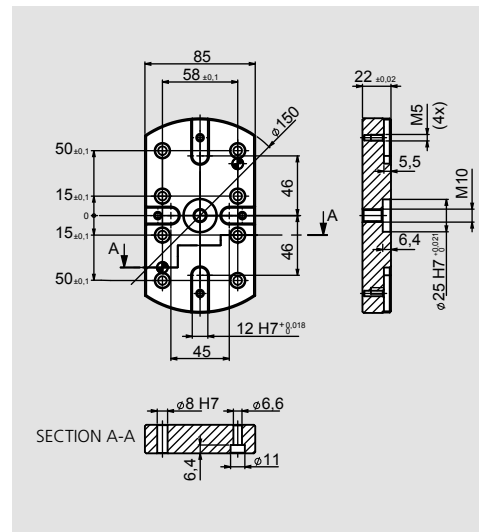
2 OP.

INTERFACE PLATE SINTEX 75 for APS 140

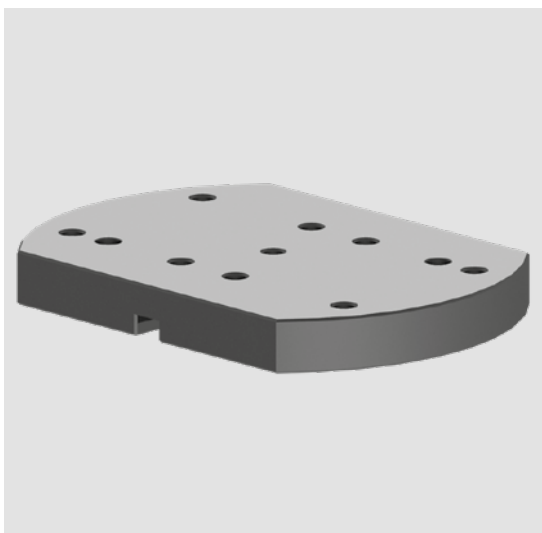


Codice

58492051

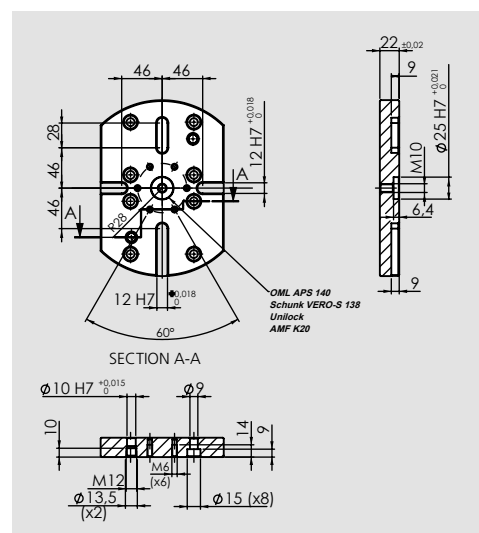


INTERFACE PLATE SINTEX 100 for APS 140 - APS 190



Codice

58492021

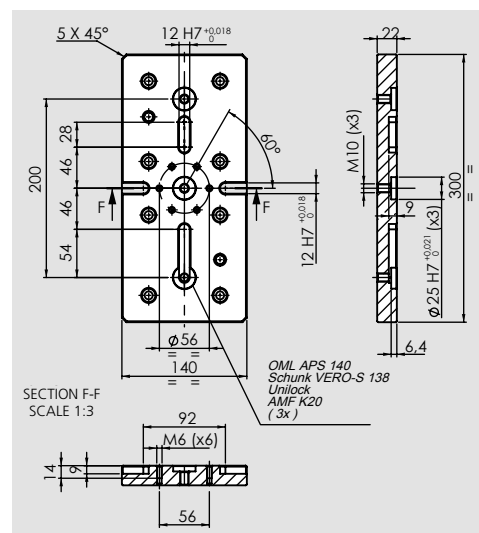


INTERFACE PLATE SINTEX 125 for APS 140 - APS 190



Codice

58497021



Clamping pins APS 140



Application/customer benefits

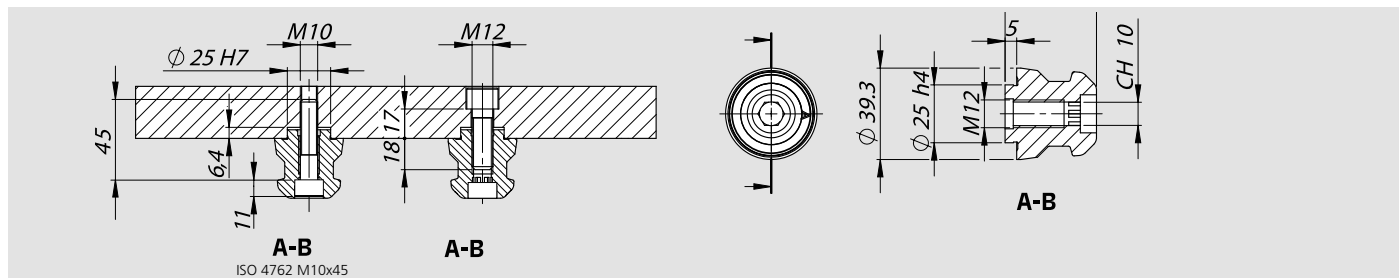
- Fixation and positioning on the clamping systems APS 140
- Wear-resistant due to an extra hard protective coating
- Large entry radii of the clamping pins for easy and safe loading

Technical features

- Centering pin Type A (Standard)
- Sword pin Type B (Positioning pin)

Standard equipment

Clamping pin with mounting screw M10x45



Type	Thread	Type A	Type B	Weight
Clamping pins APS 140	M12	46162355	46162356	0.3 Kg

Clamping pins APS 190



Application/customer benefits

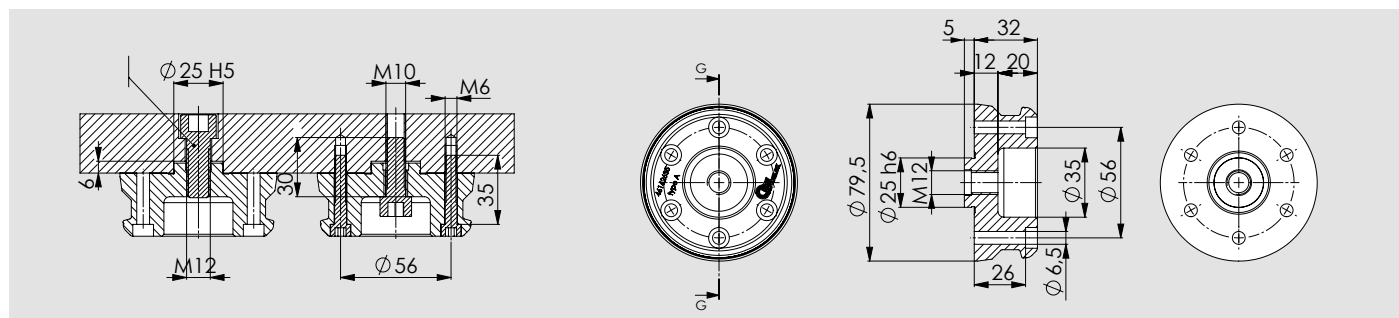
- Fixation and positioning on the clamping systems APS 190
- Large entry radii of the clamping pins for easy and safe loading

Technical features

- Centering pin Type A (Standard)

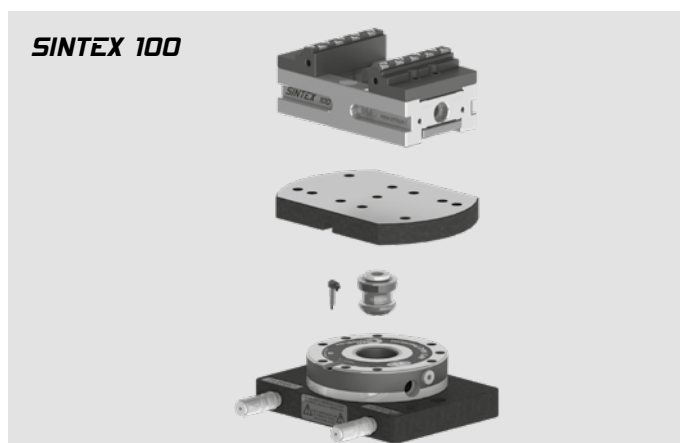
Standard equipment

Clamping pin with mounting screw M8x40 (6 pieces)



Id. No.	Type	Weight
46 16 26 35	A Ø 25 = al perno APS-140 M12	0,85Kg

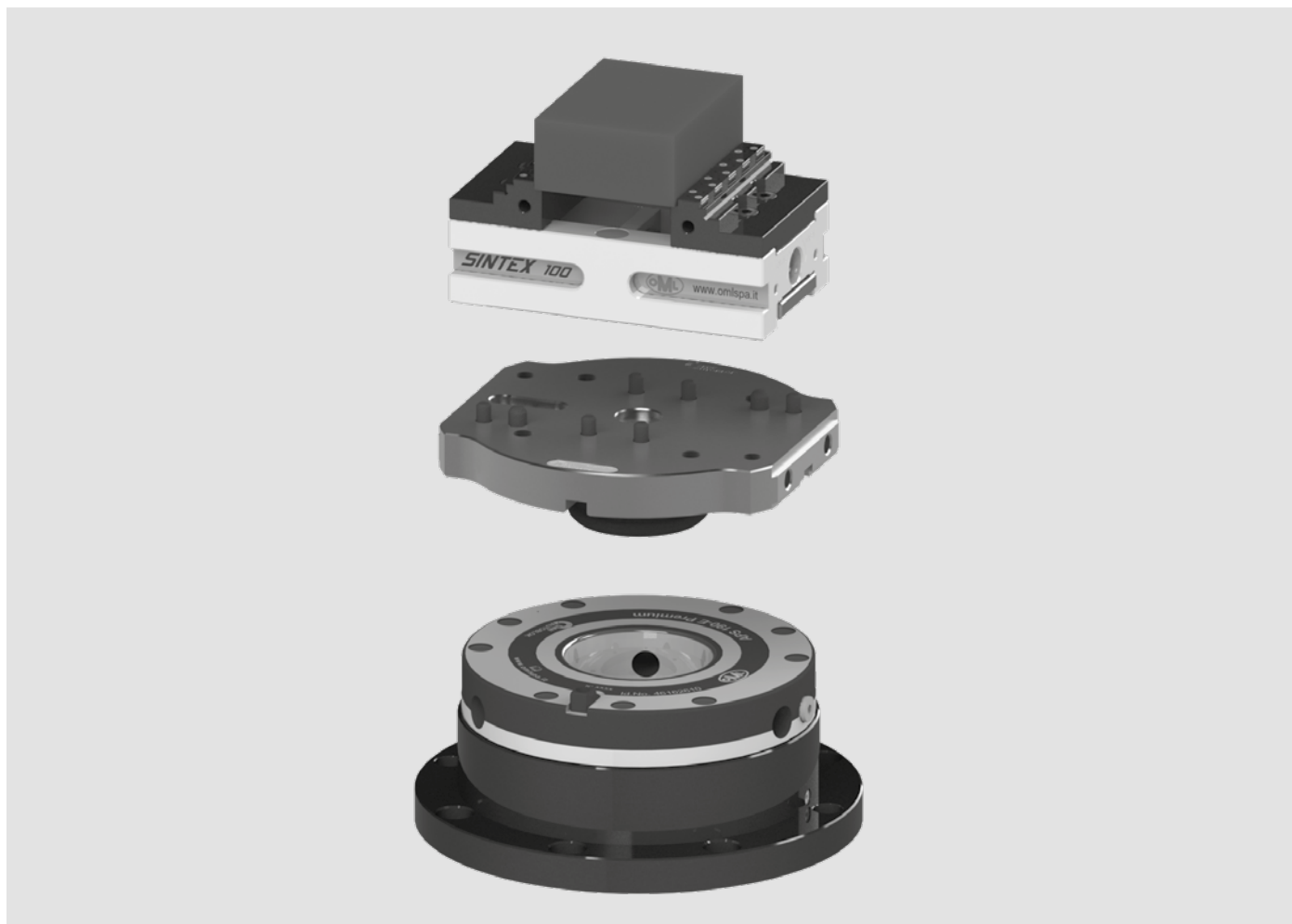
Working examples

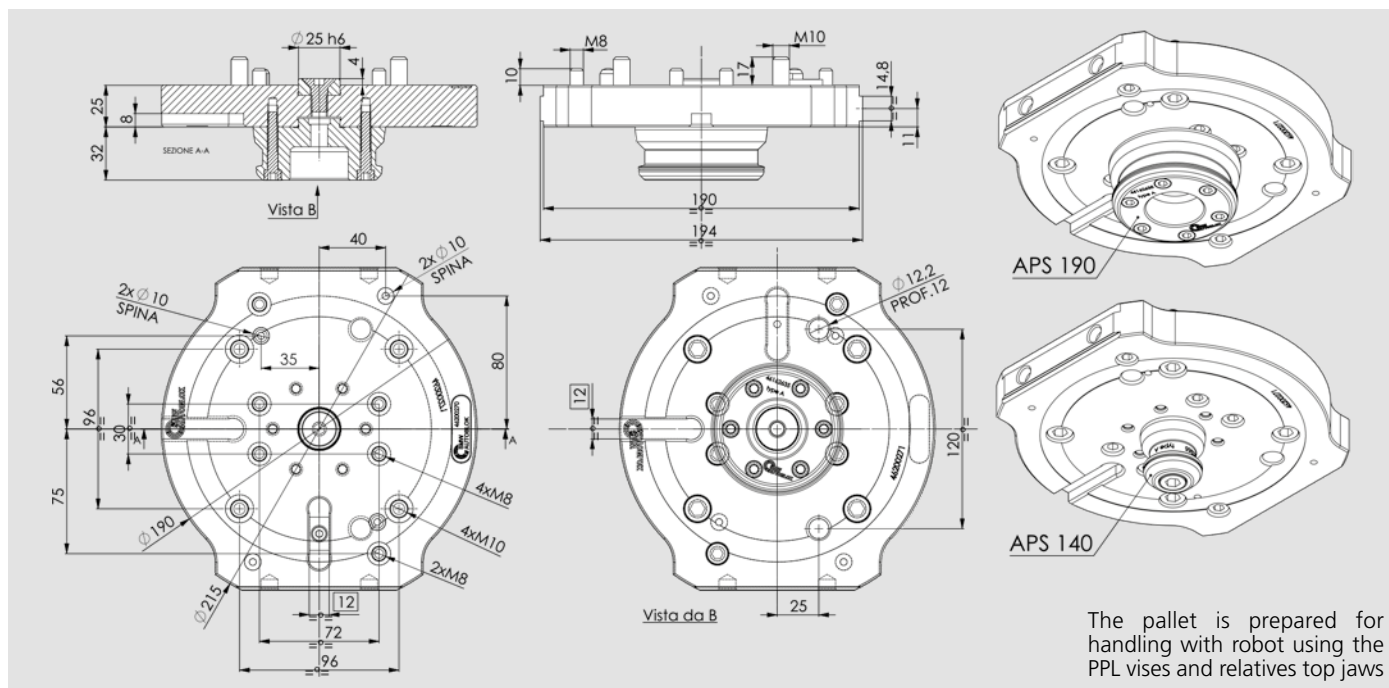




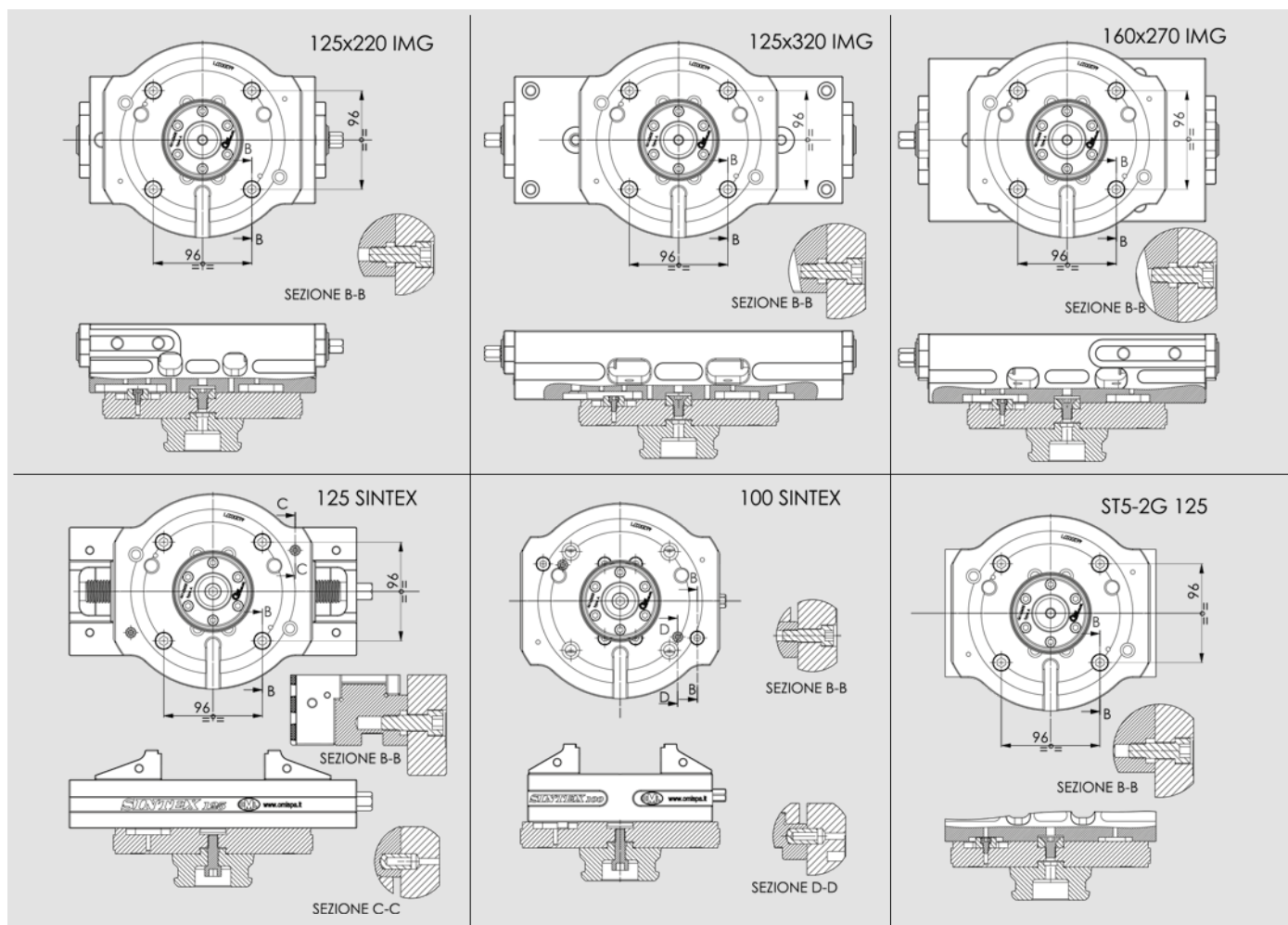
Id. No. pallet without vise	
46200275	for APS140
46200270	for APS190

Working example

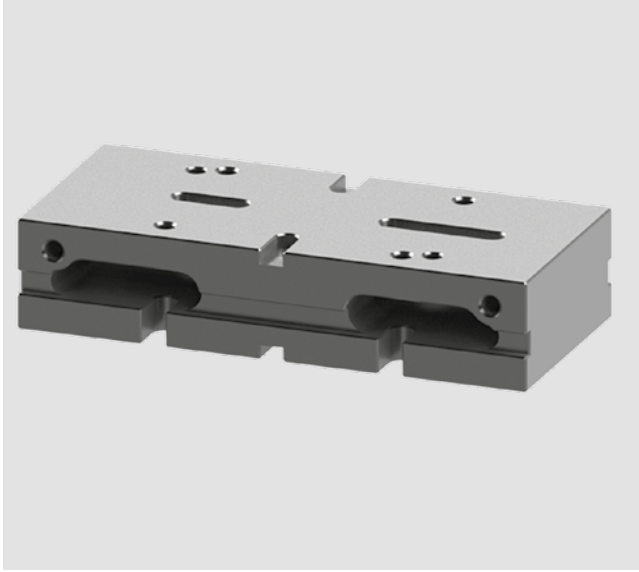


Prepared for robot loading

Id. No. pallet without vise	Weight	Vise model (see scheme below)		
46200275 pallet holder vises loading robot APS140	6 Kg	100 - 125 SINTEX	125x220 - 125x320 - 160x270 IMG	125ST5-2G
46200270 pallet holder vises loading robot APS190	6,7 Kg	100 - 125 SINTEX	125x220 - 125x320 - 160x270 IMG	125ST5-2G

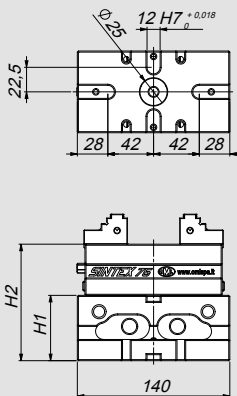


Risers

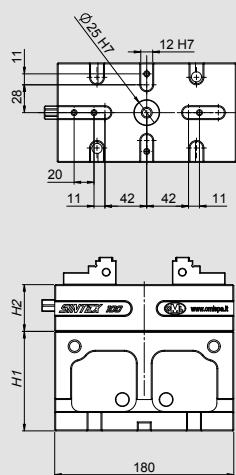


Type	Id. No.	H1	H2	Weight
SINTEX 75	58492141	60	107	6 Kg
SINTEX 75	58492151	100	147	9 Kg
SINTEX 100	58492111	60	107	6 Kg
SINTEX 100	58492121	100	147	9 Kg
SINTEX 125	58497111	60	107	14 Kg
SINTEX 125	58497121	100	147	18 Kg

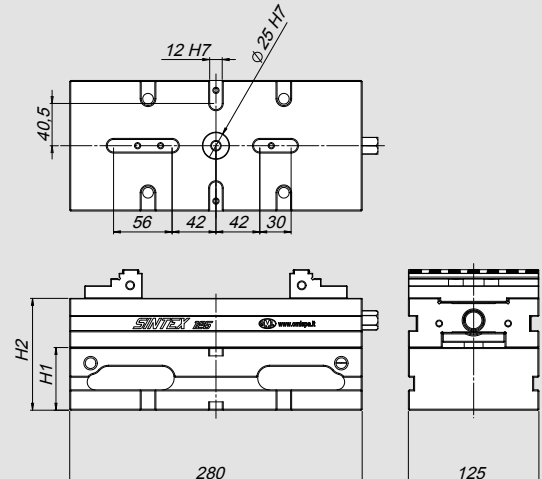
SINTEX 75



SINTEX 100



SINTEX 125

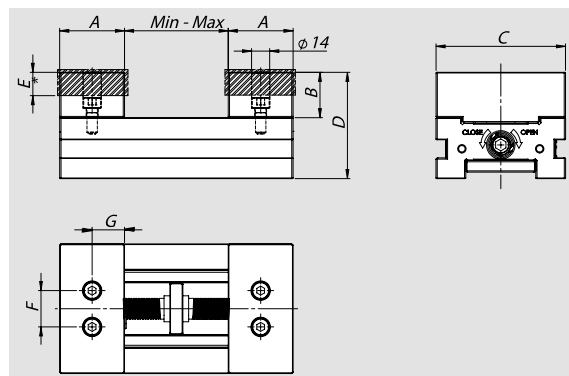
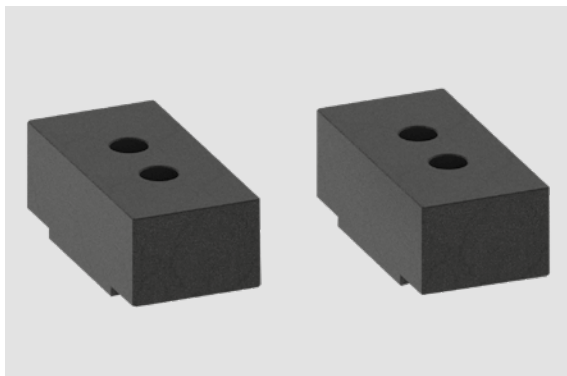


Working examples

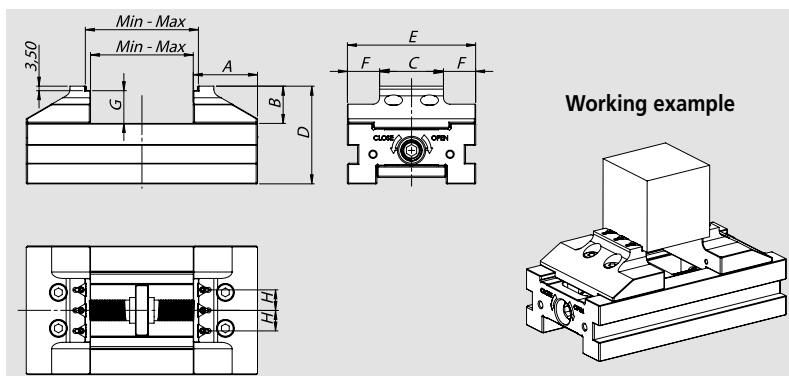
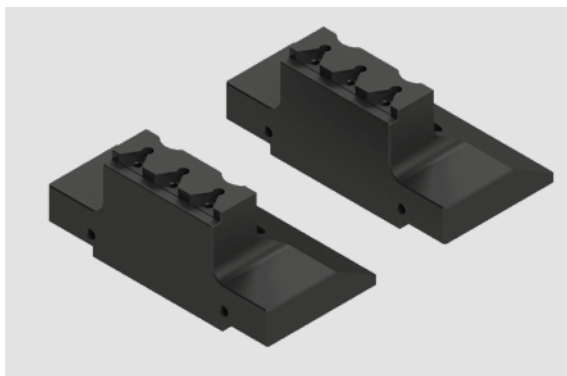


Only for **SINTEX 125**

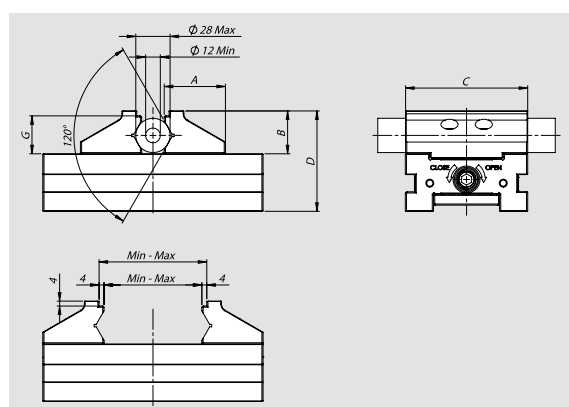
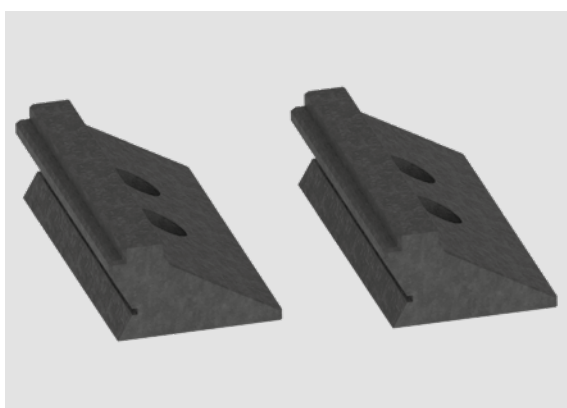


Pair of soft steel-ALU jaws

Type	Steel	Aluminium	A	B	C	D	E	F	G	Min.	Max
SINTEX 100	58 49 16 29	58 49 16 19	50	35	100	82	18	28	25	0	77
SINTEX 125	58 49 66 29	58 49 66 19	65	35	125	82	18	34	25	0	177

Pair of reduced jaws

Type	Id. No.	A	B	C	D	E	F	G	H	Min.	Max
SINTEX 100	58 49 15 19	50	29	50	74	100	25	25,5	16	0 - 7	78 - 85
SINTEX 125	58 49 65 19	65	34	55	81	125	35	29,5	18	0 - 7	178 - 185

Pair of V jaws

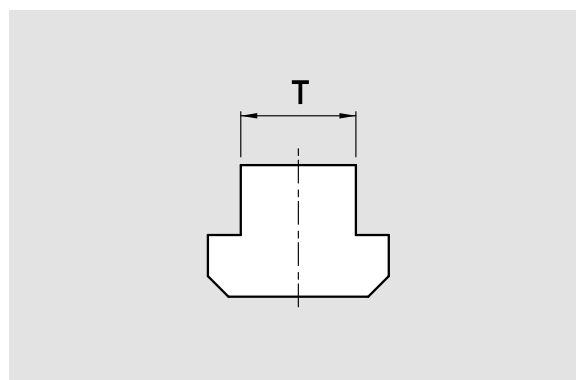
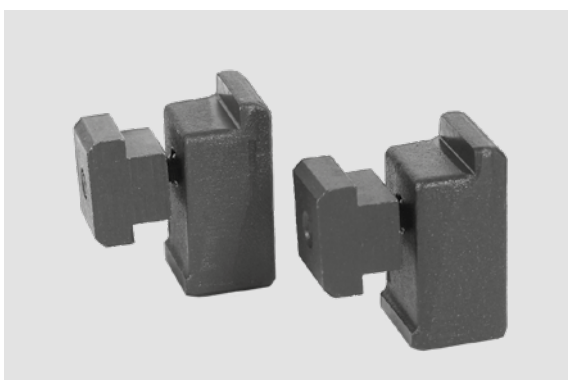
Type	Id. no.	A	B	C	D	G	Min.	Max
SINTEX 100	58 49 14 19	50	35	100	82	31	0 - 8	78 - 85
SINTEX 125	58 49 64 19	65	35	125	82	31	0 - 8	178 - 185

Key for APS for single use



Type	Id. no.
APS 140 / 190	46162333

Pair of Clamps



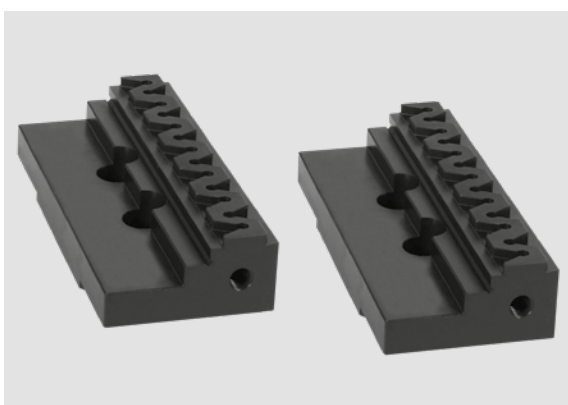
Type	Id. No.					
	mm 12	mm 14	mm 16	mm 18	mm 20	mm 22
SINTEX 75 - 100 - 125	58 01 27 92	58 01 27 93	58 01 27 94	58 01 27 95	58 01 27 96	58 01 27 97

Torque wrench



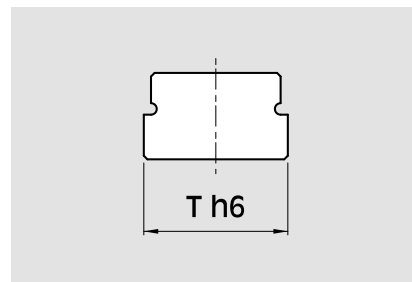
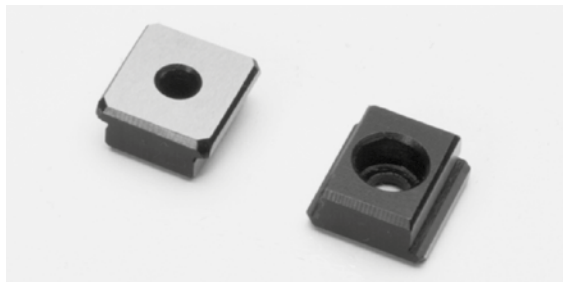
	SINTEX 75	SINTEX 100	SINTEX 125
Id. No.	51 50 10 25	51 50 10 08	51 50 10 09

Pair of jaws PREMIUM



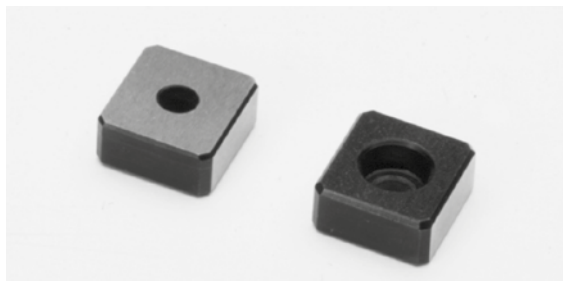
	SINTEX 75	SINTEX 100	SINTEX 125
Id. No.	58 49 12 49	58 49 12 19	58 49 62 19

Pair of special positioning keys

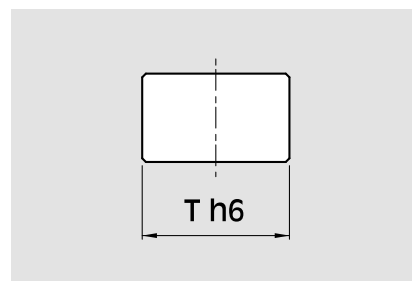


Type	Id. No.					
	mm 12 - h6	mm 14 - h6	mm 16 - h6	mm 18 - h6	mm 20 - h6	mm 22 - h6
SINTEX 75 - 100 - 125	-	58 01 15 93	58 01 15 94	58 01 15 95	58 01 15 96	58 01 15 97

Pair of standard positioning keys



	SINTEX 75 - 100 - 125
Id. No.	58 01 15 92



Workstop



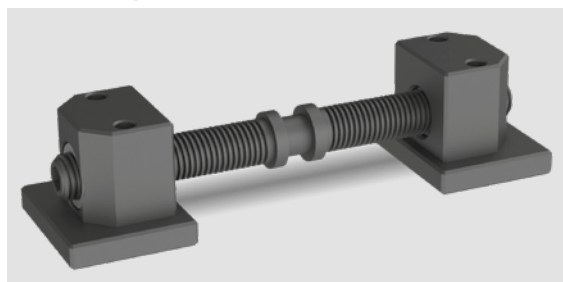
	SINTEX 75 - 100 - 125
Id. No.	58 31 50 20

Key



	SINTEX 75	SINTEX 100	SINTEX 125
Id. No.	58 49 19 50	58 49 19 20	58 49 69 20

Spindle group



	SINTEX 75	SINTEX 100	SINTEX 125
Id. No.	58 49 90 30	58 49 90 10	58 49 90 20

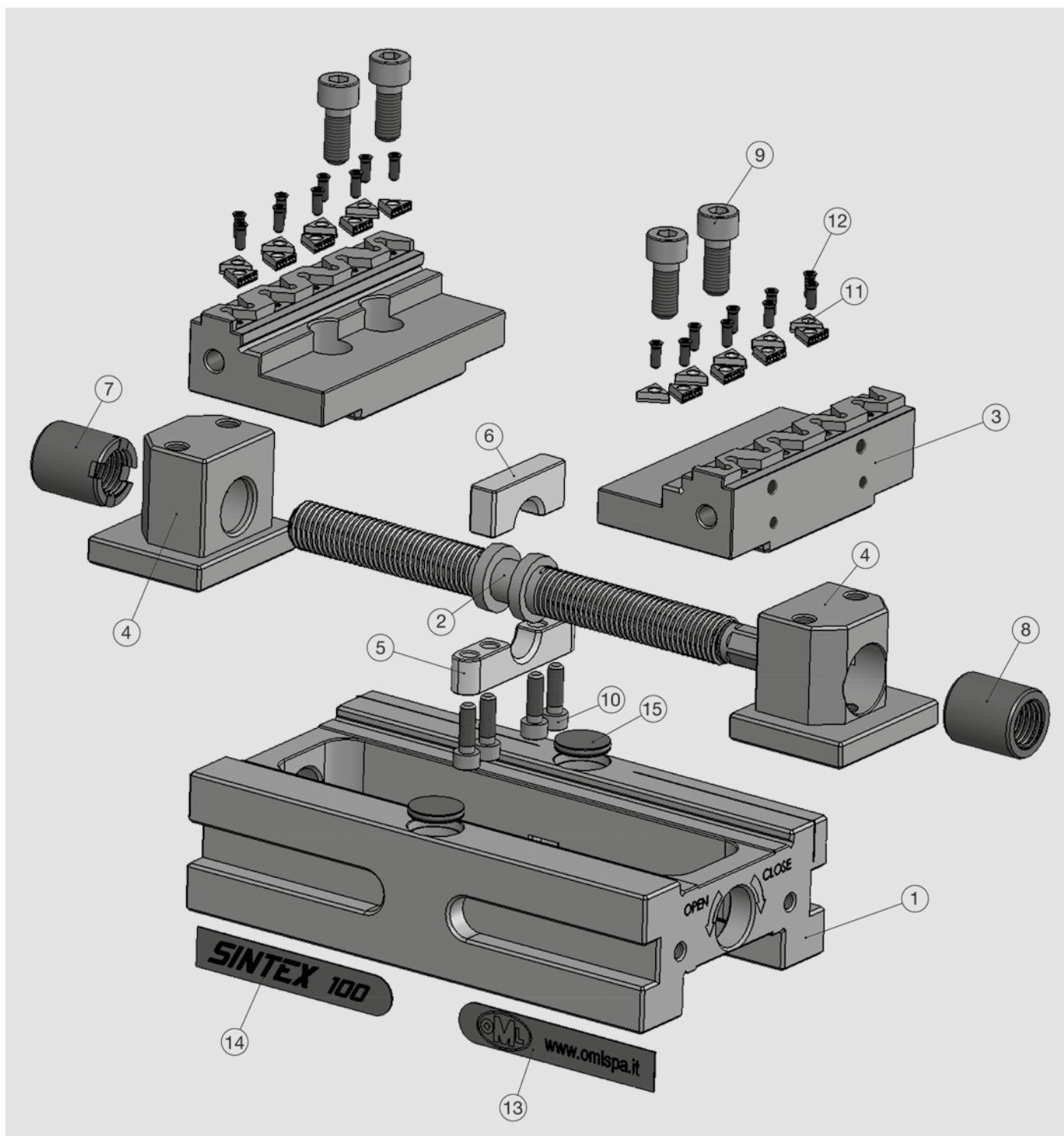
SinterGrip

	Id. no.	Description
	58 45 01 19	Set of 10 SinterGrip inserts STD for steel
	58 45 01 29	set of 10 SinterGrip inserts HRC for hardened steel / titanium until 50-54 HRC
	58 45 01 39	Set of 10 SinterGrip inserts for ALU
	58 45 02 19	Kit 10VTx30 for inserts SINTERGRIP
	58 45 05 19	Kit 10 protection inserts in aluminum



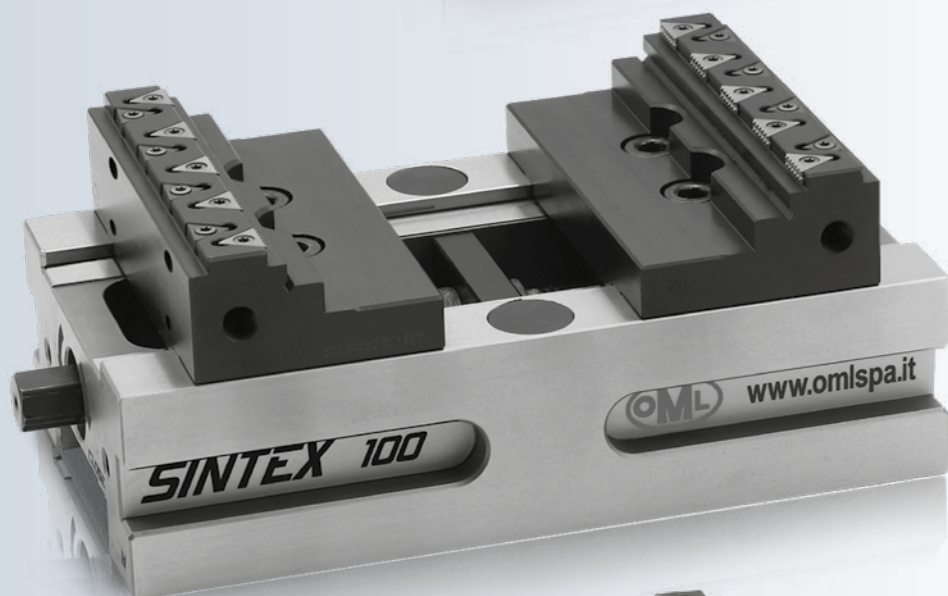
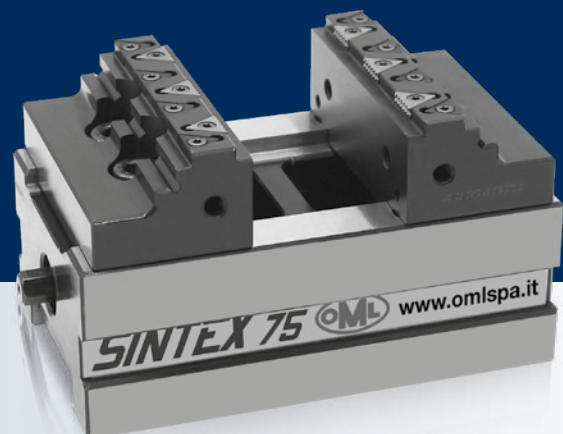
Find out more





1 - Base Sintex	5 - Lower support	9 - Screw TCEI	13 - SINTEX label
2 - Main screw	6 - Upper support	10 - Screw TCEI	14 - SINTEX label
3 - Jaw	7 - Bush	11 - SinterGrip insert STD	15 - Plug
4 - Block driver	8 - Bush	12 - Screw TORX	

SINTEX



5
axis

