

Hand polishing system developed for the watch industry, particularly for watch cases finish, and modified by HOROTEC® for the after sales service.
These 2 versions tools are composed of a vice with 4 brass claws (inside tightening from Ø 14 to 34 mm and from Ø 25 to 50) mounted on ball bearings, allowing the POLISHING WITHOUT RISKING ANY FLATTENING on the item worked on (watch case, bezel, case back, ring, etc.). As soon as one comes in contact with the brush, the system starts turning at the same speed as the brush.



(1)



(2)



MSA	Model	Kg
23.501	(1) Bobino with vice MSA23.501-A (clockwise threading), Ø 14...34 mm	0.780
23.504	(2) Bobino with vice MSA23.504-A (clockwise threading), Ø 25...50 mm	0.780

MSA	Model	Kg
23.502	(1) Bobino with vice MSA23.501-E (counter clockwise threading), Ø 14...34 mm	0.780
23.505	(2) Left turning Bobino MSA23.504-E (counter clockwise threading), Ø 25...50 mm	0.780

Delivered with an Allen key to adjust the separation of the 4 claws and to block the vice on the threading of the Bobino. The back screw is used to adjust the rotation of the Bobino. It allows to completely stop it or to have a free rotation. The underneath lever allows to tighten the claws for a quick change of the polishing parts.



There is no more contact between the fingers and the item to polish.

For voluntary blocking, just hold the base of the red vice.





MSA	Model	Kg
23.501-C	Bobino (clockwise threading), thread Ø 16 mm	0.700
23.501-B	Bobino (counter clockwise threading), thread Ø 16 mm	0.700



Delivered with 1 Allen key.



MSA	Size	Kg
23.501-P	Ø 32 x 90 mm	0.050

Handle for polishing tools MSA23.501, MSA23.502, MSA23.504, MSA23.505, MSA23.501-B et MSA23.501-C.



MSA	Model	Kg
23.501-A	Vice (clockwise threading), thread Ø 16 mm	0.080
23.501-E	Vice (counter clockwise threading), thread Ø 16 mm	0.080

Spare parts :

MSA	Item	Kg
23.500-A	Assortment of 4 claws	0.010
23.501-G	Spring	0.001



Delivered with an Allen key to adjust the separation of the 4 claws (Ø 14 to 34 mm) and to block the vice on the threading of the Bobino.



MSA	Model	Kg
23.504-A	Vice (clockwise threading), thread Ø 16 mm	0.080
23.504-E	Vice (counter clockwise threading), thread Ø 16 mm	0.080

Spare parts :

MSA	Item	Kg
23.503-A	Assortment of 4 claws	0.010
23.504-G	Spring	0.001



Delivered with an Allen key to adjust the separation of the 4 claws (Ø 25 to 50 mm) and to block the vice on the threading of the Bobino.

MANUAL USE : the brass claws adjustment is made by clockwise turning the end cylinder ; the item to polish is hold from the inside. Used by handling the hexagonal vice during the polishing.

USE ON POLISHING MOTOR ARBOUR : first fix the piece to be polished on the brass claws, then fix the vice on the polishing motor arbour and tighten it with 2 screws using the provided hexagonal key.

The end cylinder is reamed to about Ø 14 mm, to fix the vice on the motor arbour.





Optional reduction die is deliverable to fit the vice on Ø 9 mm motor axle.



MSA	Ø reaming	Size	Kg
23.500	14 mm	Ø 35 x 80 mm	0.250

Polishing vice with 4 brass claws, tightening from Ø 14 to 34 mm.

Spare parts :




MSA	Item	Kg	
23.500-09	Reduction die Ø 9 mm	0.016	
23.500-A	Assortment of 4 claws	0.010	
23.500-V	Maintaining screw of axis	0.001	
23.501-G	Spring	0.001	



MSA	Ø reaming	Size	Kg
23.503	14 mm	Ø 39 x 80 mm	0.180

Polishing vice with 4 brass claws, tightening from Ø 25 to 50 mm.

Spare parts :

MSA	Item	Kg	
23.500-09	Reduction die Ø 9 mm	0.016	
23.500-V	Maintaining screw of axis	0.001	
23.503-A	Assortment of 4 claws	0.010	
23.504-G	Spring	0.001	