

Professional rack-press.



SUITABLE FOR
SCREW AND
SLIDE DIES

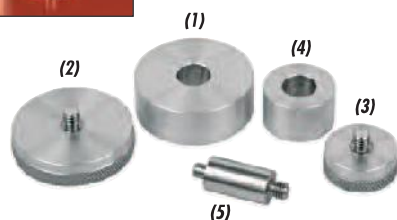


MSA	Size mm	Kg
07.160	150 x 105 x 240	2.600

Rack-press with declutchable handle, suitable for screw and slide dies. The underneath front base is recessed and has a « V » shape allowing to fit glass or bezel without removing the metal band from the watch.
Delivered with the accessories (1) to (5).
Dies not included. See assortments pages 07 12 to 07 19.

Accessories :

MSA	Items	Kg
07.160-1	Support on base ø 40 x 15 mm (1)	0.052
07.160-2	Adaptor ø 40 x 10 mm (2)	0.040
07.160-3	Adaptor ø 25 x 10 mm (3)	0.015
07.160-4	Support on base ø 25 x 15 mm (4)	0.016
07.160-5	Reversible adaptor ø 12 x 33 mm (5)	0.021



SUITABLE FOR
SCREW AND
SLIDE DIES

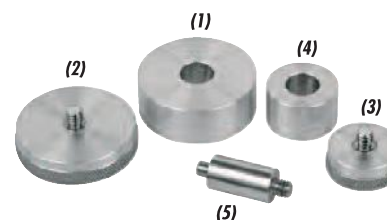
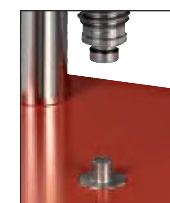


MSA	Size mm	Kg
07.161	150 x 105 x 240	2.800

Rack-press with declutchable handle, suitable for screw and slide dies. The underneath front base is recessed and has a « V » shape allowing to fit glass or bezel without removing the metal band from the watch. The press is equipped with a locking system on the column and an inner screw for delicate jobs on fine or gold watches. Lower the right handle until the upper die is in contact with the watch and then slowly turn the top for final fitting.
Delivered with the accessories (1) to (5).
Dies not included. See assortments pages 07 12 to 07 19.

Accessories :

MSA	Items	Kg
07.160-1	Support on base ø 40 x 15 mm (1)	0.052
07.160-2	Adaptor ø 40 x 10 mm (2)	0.040
07.160-3	Adaptor ø 25 x 10 mm (3)	0.015
07.160-4	Support on base ø 25 x 15 mm (4)	0.016
07.160-5	Reversible adaptor ø 12 x 33 mm (5)	0.021



See MSA 07.369 page 07 21.





MSA	Size mm	Kg
07.170	150 x 160 x 180	7.000

Rack-press for right or left hand users for heavy duty jobs in production or After Sales Sce. The broach the holed inside and equipped with Air connector \varnothing 6 mm. On the top to eventually handle the components by vacuum. Delivered with 2 adaptors (lower and upper) for screw dies thread 6 mm.

Dies not included. See assortments pages 07 12 to 07 19.

Adaptor only :

MSA	Item
07.170-A	Lower and upper adaptor only for screw dies (1)



Left hand version.



Right hand version.



(1)



MSA	Broach	Size mm	Kg
06.135	Simple	80 x 225 x 180	1.980

Stable precision press, equipped with a head and a massive aluminium base mounted on 2 robust steel columns. The frontal part V shaped, allows the glass fitting without removing the extensible bracelets.

The steel axle slides freely in a self lubricated sleeve for maximum precision: this is essential for fitting back cases, glasses or bezels without scratching. The end of the threaded axle (\varnothing 6 mm) is specially made for screwing all dies in a perfect horizontal position. Changing dies becomes easier. The lever covered with an anti-skid rubber and equipped with a return spring which allows a fine control of fitting pressure.

5 assortments of **screw-on** dies are deliverable **separately** : MSA 06.520, 06.521, 06.522, 07.106 and 07.107.

Dies not included. See assortments pages 07 12 to 07 19.



ASSORTMENT



MSA	Broach	Kg
06.136	Simple	2.605

Complete Horotec assortment including :

- 1 precision press MSA 06.135
- 4 assortments of delrin **screw-on** dies MSA 06.520, 06.521, 06.522 and 07.106 (43 pieces).

Dies not included. See assortments pages 07 12 to 07 19.



FOR SCREW-ON DIES



MSA	Broach	Size mm	Kg
06.150	Double	80 x 215 x 185	2.685

This precision **rack-press** is provided with a small slide that allows to block or to free the toothed rack. The watchmaker thus has an exceptional tool for fitting glasses and bezels, closing watch cases and maintain the glass on the watch case during joining time. After screwing the die on the die holder, one can determine the best way to proceed :

- free toothed rack (slide ahead) :

For usual work on **steel watch cases, thick or sturdy** ; apply pressure on the lever provided with an anti-skid rubber. The return spring and the fixed handle allow for careful adjustment of pressure upon use.

- blocked toothed rack (slide behind) :

For delicate work on gold cases, thin or delicate; pull the slide to lock the toothed rack in the desired position, then use the spanner, to fit the glass or the case back; with each rotation the die goes down about 1.5 mm. The fitting precision can be perfectly controlled.

5 assortments of **screw-on** dies are deliverable **separately** : MSA 06.520, 06.521, 06.522, 07.106 and 07.107.

Dies not included. See assortments pages 07 12 to 07 17.



FOR SCREW-ON DIES



ASSORTMENT



MSA	Broach	Kg
06.151	Double	2.695

Complete Horotec assortment including :

- 1 precision **rack-press** MSA 06.150
- 4 assortments of delrin **screw-on** dies MSA 06.520, 06.521, 06.522 and 07.106 (43 pieces).

Other dies available. See pages 07 12 to 07 17.



ASSORTMENT

FOR SCREW-ON DIES



(1)



(2)

MSA	Broach	Kg
06.152	Double	6.640

Complete HOROTEC® LUXURY assortment including :

- 1 precision **rack-press** MSA 06.150 in a wooden box (240 x 200 x 88 mm).(1)
- 43 delrin **screw-on** dies MSA 06.520, 06.521, 06.522 and 07.106, in a wooden box (240 x 200 x 135 mm).(2)

Other dies available. See pages 07 12 to 07 17.

Accessories for MSA 06.150, 06.151, 06.135, 06.136, 06.125 and 06.130 :

MSA	Items
06.129-A (1)	Wooden box only for press 240 x 200 x 88 mm
06.129-B (2)	Wooden box only for dies 240 x 200 x 135 mm

- » HOROTEC® press provided with SCREW-ON dies for closing snap-on case backs.
 Advantage : a wide variety of dies is available; they are screwed on top or on bottom, on a standard thread \varnothing 6 mm.



ASSORTMENT

FOR SCREW-ON DIES



MSA	Broach	Size mm	Kg
07.105	Simple	80 x 60 x 135	0.630

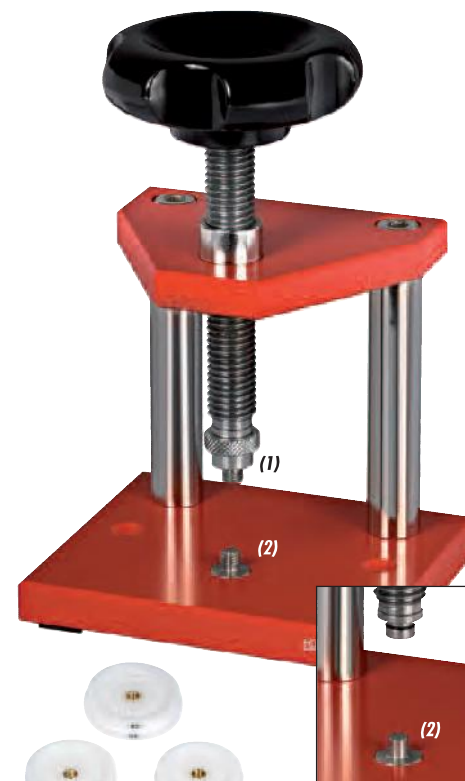
Small HOROTEC® press equipped with a simple threaded broach.

Delivered with an assortment of 9 **screw-on** reversible dies MSA 07.106, used **to close snap-on case backs**.

Other dies available. See Assortment pages 07 12 to 07 17.

Replacement parts :

MSA	Items
07.105-A	Upper dies holder
07.105-V	Screw for upper dies holder



SUITABLE FOR
SCREW AND
SLIDE DIES

MSA	Size mm	Kg
07.131	110 x 95 x 210	1.210

Press for closing snap-on case back suitable for large dies \varnothing delivered with a set of 12 large Delrin® screw dies detailed here bellow. Also suitable for slide dies in removing the upper adaptor 07.130-A and reversing the lower adaptor 07.130-B.

Other dies available at pages from 07 12 to 07 19.

Accessories :

MSA	Items
07.130-A	Upper adaptor for screw dies (1)
07.130-B	Reversible lower adaptor (2)

MSA	Items	\varnothing mm
07.106-17	Screw die for snap-on case back	17
07.106-1921	" " " " "	19-21
07.106-2225	" " " " "	22-25
07.106-2629	" " " " "	26-29
07.106-3033	" " " " "	30-33
07.106-3437	" " " " "	34-37
07.106-3841	" " " " "	38-41
07.106-4245	" " " " "	42-45
07.106-4648	" " " " "	46-48
07.106-4950	" " " " "	49-50
07.106-5255	" " " " "	52-55
07.106-U	Lower die universal 45	

Press only :

MSA	Size mm	Kg
07.130	110 x 95 x 210	1.000

- » HOROTEC® double Action Press to close snap-on watch case back. The here bellow presses have an external wide thread broach to quickly lower the top die onto the watch case back and an internal fine thread broach which start its action when it is in contact with the case back to gently close the case back in the watch case.
Suitable to slide dies shown pages 07 18 and 07 19



ASSORTMENT



FOR SNAP-ON DIES

MSA	Broach	Press size mm	Kg
07.151	Double	95 x 75 x 170	0.910

Small HOROTEC® press with double threaded broach for fitting flat mineral glasses and closing snap-on case backs.

Contents :

- 1 press MSA 07.150
- 1 assortment of 6 dies MSA 07.111
- 1 die MSA 06.510-A01 ø 35-40 mm for fitting flat mineral glasses
- 1 universal inferior die MSA 06.500-B hollowed ø 40 mm.

Detail of suitable dies, see pages 07 18 and 07 19.



MSA	Broach	Press size mm	Kg
07.150	Double	95 x 75 x 170	0.815

HOROTEC® press without dies.

Detail of suitable dies, see pages 07 18 and 07 19.



ASSORTMENT



FOR SNAP-ON DIES

MSA	Broach	Press size mm	Kg
07.152	Double	95 x 75 x 170	1.050

Small HOROTEC® press for fitting mineral glasses.

Delivered with 1 assortment of 10 dies MSA 06.510.

Detail of suitable dies, see pages 07 18 and 07 19.



ASSORTMENT



FOR SNAP-ON DIES

MSA	Broach	Size mm	Kg
07.110	Simple	80 x 60 x 130	0.580

HOROTEC® press for closing snap-on case backs,

equipped with a simple threaded broach. Delivered with an assortment of 6 delrin snap-on dies MSA 07.111.

Detail of suitable dies, see pages 07 18 and 07 19.

Replacement part :

MSA	Item
07.110-A	Die support

The die support is also suitable for presses MSA 06.125, 06.130, 07.110, 07.150, 07.151 et 07.152.

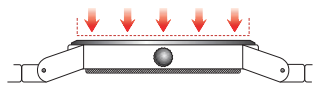
Other replacement part for MSA 07.110 only :

MSA	Item
07.110-P	Broach with handle

- We recommend using only HOROTEC® original screw-on dies with our presses :
- they are made of Delrin (non-marring nylon)
 - they are provided with a reinforced metal core, for extreme pressures
 - there are 47 different models to cover all your needs
 - adaptable on all presses on the market with a threaded axle \varnothing 6 mm.



SCREW-ON DIES



ASSORTMENT



MSA	Size mm	Kg
06.520	245 x 100	0.144

Assortment of 8 screw-on reversible Delrin® dies, for fitting flat mineral glasses.

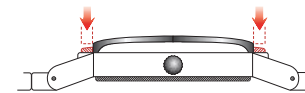


Detail of assortment MSA 06.520 (brass core thread 6 mm) :

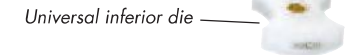
MSA	o mm	Kg
06.520-16	16	0.004
06.520-2217	22-17	0.005
06.520-2823	28-23	0.008
06.520-3429	34-29	0.013
06.520-4035	40-35	0.019
06.520-4641	46-41	0.025
06.520-A	Die for glasses with loupe	0.012
07.106-U	Universal inferior die	0.014



SCREW-ON DIES



Hollow die with thin straight edge.
Depth 4.50 mm



ASSORTMENT



MSA	Size mm	Kg
06.521	245 x 100	0.164

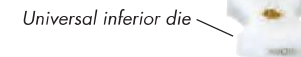
Assortment of 11 screw-on reversible Delrin® dies, for fitting watch glasses.

Detail of assortment MSA 06.521 (brass core thread 6 mm) :

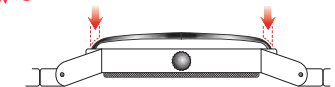
MSA	o mm	Kg
06.521-2526	25-26	0.007
06.521-2728	27-28	0.008
06.521-2930	29-30	0.009
06.521-3132	31-32	0.010
06.521-3333	33-33.5	0.011
06.521-3434	34-34.5	"
06.521-3535	35-35.5	0.012
06.521-3636	36-36.5	0.013
06.521-3737	37-37.5	"
06.521-3838	38-38.5	0.014
07.106-U	Universal inferior die	45



Hollow die with oblique edge



SCREW-ON DIES



Detail of assortment MSA 06.522 (brass core thread 6 mm) :

MSA	o mm	Kg
06.522-15	15	0.003
06.522-1617	16-17	"
06.522-1819	18-19	0.004
06.522-2021	20-21	0.005
06.522-2223	22-23	"
06.522-2425	24-25	0.006
06.522-2627	26-27	0.007
06.522-2829	28-29	0.008
06.522-3031	30-31	0.009
06.522-3233	32-33	"
06.522-3435	34-35	0.010
06.522-3637	36-37	0.012
06.522-3839	38-39	0.013
06.522-4041	40-41	0.014
07.106-U	Universal inferior die	45

ASSORTMENT

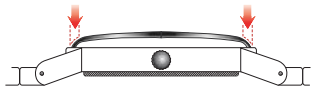


MSA	Size mm	Kg
06.522	245 x 100	0.163

Assortment of 15 screw-on reversible Delrin® dies, for fitting glasses with tension ring.



**SCREW DIES
SPECIAL LARGE Ø**



ASSORTMENT



Curved dies
with thin edge.



**Detail of assortment MSA 06.523
(brass core thread 6 mm) :**

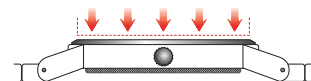
MSA	Size mm	Kg
06.523	245 x 100	0.156

Set of 5 **screw** Delrin® reversible dies **for fitting large tension ring glasses.**

MSA	Size mm	Kg
06.522-4245	42-45	0.015
06.522-4750	47-50	0.020
06.522-5255	52-55	0.023
06.522-5760	57-60	0.027
06.522-6265	62-65	0.032



**SCREW DIES
SPECIAL LARGE Ø**



ASSORTMENT



Flat die.



**Detail of assortment MSA 06.524
(brass core thread 6 mm) :**

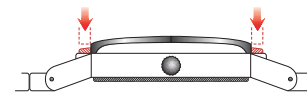
MSA	Size mm	Kg
06.524	245 x 100	0.208

Set of 4 **screw** Delrin® reversible dies **for fitting large flat mineral glasses.**

MSA	Size mm	Kg
06.520-4750	47-50	0.031
06.520-5255	52-55	0.039
06.520-5760	57-60	0.046
06.520-6265	62-65	0.054



**SCREW DIES
SPECIAL LARGE Ø**



ASSORTMENT



Delrin
reversible
dies.



**Detail of assortment MSA 06.525
(brass core thread 6 mm) :**

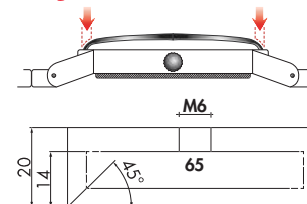
MSA	Size mm	Kg
06.525	245 x 100	0.163

Set of 4 **screw** Delrin® reversible dies **for fitting large case bezels.**

MSA	Size mm	Kg
06.521-4045	40-45	0.016
06.521-4650	47-60	0.020
06.521-5255	52-55	0.025
06.521-5760	57-60	0.029
06.521-6265	62-65	0.033



**SCREW DIES
SPECIAL LARGE AND DEEP Ø**



14 mm deep, 45°.



**Detail of assortment MSA 06.526
(brass core thread 6 mm) :**

ASSORTMENT



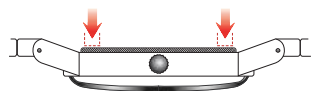
MSA	Size mm	Kg
06.526	245 x 100	0.320

Set of 12 **screw** Delrin® reversible dies **for fitting very domed glasses.**

MSA	Size mm	Kg
06.526-18	18	0.005
06.526-20	20	0.005
06.526-24	24	0.010
06.526-28	28	0.011
06.526-30	30	0.012
06.526-35	35	0.017
06.526-40	40	0.021
06.526-45	45	0.025
06.526-50	50	0.030
06.526-55	55	0.034
06.526-60	60	0.040
06.526-65	65	0.045



SCREW-ON DIES



ASSORTMENT



MSA	Size mm	Kg
07.106	245 x 100	0.136

Set of 9 **screw** Delrin® reversible dies **for fitting snap-on case back**.

Large ø dies available from ø 46-48 to 60-65. See pages 07 17 to 07 19.

Curved dies with straight and thick edge.



Universal inferior die.



Detail of assortment MSA 07.106 (brass core thread 6 mm) :

MSA	ø mm	Kg
07.106-17	17	0.004
07.106-1921	19-21	0.005
07.106-2225	22-25	0.006
07.106-2629	26-29	0.008
07.106-3033	30-33	0.010
07.106-3437	34-37	0.012
07.106-3841	38-41	0.015
07.106-4245	42-45	0.017
07.106-U	Universal inferior die	0.014



ASSORTMENT



MSA	Size mm	Kg
07.107	245 x 100	0.154

Set of 5 **screw** Delrin® reversible dies special large ø **for big watches**.

Content :

- 2 dies ø 40-45 et 46-50 mm for fitting bezels
- 1 die ø 47-50 mm for fitting mineral glasses
- 2 dies ø 46-48 et 49-50 mm for fitting snap-on case back.

SCREW-ON DIES

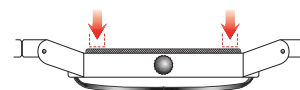


Detail of assortment MSA 07.107 (brass core thread 6 mm) :

MSA	ø mm	Kg
06.521-4045	40-45	0.016
06.521-4650	46-50	"
06.520-4750	47-50	0.031
07.106-4648	46-48	0.020
07.106-4950	49-50	0.021



SCREW DIES SPECIAL LARGE Ø



ASSORTMENT



MSA	Size mm	Kg
07.108	245 x 100	0.170

Set of 5 **screw** Delrin® reversible dies **for fitting snap-on case back**.



Detail of assortment MSA 07.108 (brass core thread 6 mm) :

MSA	ø mm	Kg
07.106-4648	46-48	0.020
07.106-4950	49-50	0.022
07.106-5255	52-55	0.025
07.106-5760	57-60	0.029
07.106-6265	62-65	0.034

ASSORTMENT



MSA	Size mm	Kg
06.530	155 x 135 x 35	0.160

Set of 6 **screw** Delrin® rectangular dies **for fitting snap-on case back brass or glasses** core thread 6 mm.

SCREW-ON DIES

(1)



(2)



MSA	For watches	Dim.mm	Depth mm	Kg
06.511-A	Gent (1)	45 x 37	11	0.024
06.511-B	Lady (2)	37 x 30	9	0.018

Screw Delrin® rectangular dies for for watched with pyramidal glasses. The die is placed on the base of the press and the watch comes above upside down to close snap-on case back. Compatible with all here above presses as well as the presses MSA 07.367, 07.368, 07.369.

» Assortments of SNAP-ON delrin dies. Compatible with presses MSA 06.125, 06.130, 07.110, 07.150, 07.151 and 07.152.

Threading of snap-on dies is as follows :

- ø 8 mm for superior dies
- ø 5 mm for inferior dies.



ASSORTMENT



MSA	Size mm	Kg
06.505	245 x 105	0.155

Assortment of 12 snap-on dies for fitting bezels.

Detail of assortment MSA 06.505 :

MSA	Items	ø mm	Kg
06.505-A01	Superior die	38.5-38.0	0.011
06.505-A02	Superior die	37.5-37.0	"
06.505-A03	Superior die	36.5-36.0	"
06.505-A04	Superior die	35.5-35.0	"
06.505-A05	Superior die	34.5-34.0	0.009
06.505-A06	Superior die	33.5-33.0	"
06.505-A07	Superior die	32.5-32.0	0.008
06.505-A08	TSuperior die	31.0-30.0	0.007
06.505-A09	Superior die	29.0-28.0	"
06.505-A10	Superior die	27.0-26.0	0.006
06.505-A11	Superior die	25.0-24.0	0.005
06.505-A12	Superior die	23.0-22.5	0.004



ASSORTMENT



MSA	Size mm	Contents	Kg
07.112	120 x 106	6 dies*	0.085
06.510	195 x 102	10 dies	0.135

Assortment of snap-on dies for fitting flat mineral glasses.

Detail of assortments MSA 06.510 and 07.112 :

MSA	Eléments	ø mm	Kg
06.510-A01	Superior die*	40.0-35.0	0.017
06.510-A02	Superior die	32.5-27.5	0.011
06.510-A03	Superior die*	30.0-25.0	0.009
06.510-A04	Superior die	22.5-17.5	0.004
06.510-A05	Superior die*	20.0-15.0	0.003
06.510-B01	Superior die*	40.0-35.0	0.018
06.510-B02	Superior die	32.5-27.5	0.011
06.510-B03	Superior die*	30.0-25.0	0.009
06.510-B04	Superior die	22.5-17.5	0.005
06.510-B05	Superior die*	20.0-15.0	0.003



ASSORTMENT



MSA	Size mm	Contents	Kg
07.111	195 x 102	6 dies*	0.100
07.113	120 x 106	6 dies**	0.085
07.116	195 x 102	13 dies***	0.155

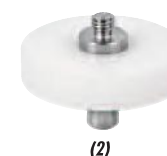
Assortment of 6 snap-on dies for closing snap-on case backs.

Detail of assortment MSA 07.111, 07.113 and 07.116 :

MSA	Items	ø mm	Kg
07.111-A01	Superior die*/***	32-35	0.010
07.111-A02	Superior die*/***	26-29	0.007
07.111-A03	Superior die*/***	20-23	0.004
07.111-A04	Superior die***	48-50	0.020
07.111-A05	Superior die***	45-47	0.018
07.111-A06	Superior die***	42-44	0.016
07.111-A07	Superior die***	39-41	0.014
07.111-A08	Superior die***	36-38	0.012
07.111-A09	Superior die**	52-55	0.024
07.111-A10	Superior die**	57-60	0.029
07.111-A11	Superior die**	62-65	0.033
07.111-B01	Inferior die	39	0.013
07.111-B02	Inferior die*/***	35	0.012
07.111-B03	Inferior die*/***	29	0.009
07.111-B04	Inferior die***	50	0.022
07.111-B05	Inferior die***	45	0.018
07.111-B06	Inferior die*/***	40	0.014
07.111-B07	Inferior die**	55	0.026
07.111-B08	Inferior die**	60	0.030
07.111-B09	Inferior die**	65	0.035



(1)



(2)

MSA	Items	Kg
07.373-A	Upper adaptor ø 16 mm (1)	0.016
07.373-B	Lower adaptor ø 40 mm (2)	0.089

Adaptors for presses MSA 07.367, 07.368, 07.369 used with screw dies thread 6 mm. As illustrated above and before.

PRESSES FOR SCREW CASE BACK | TOOLS FOR SCREW CASE BACK...

Professional rack-press equipped with 1 case holder and suction dies, for opening and closing watches with screw-on back cases.

Thanks to this combined system, there is no contact between the metallic parts and the watch, thus eliminating any risk of scratching.

The case holder is made of a high adherence red synthetic deformable material ; inverted cone shape allows firmly holding in place all types of watches; neither the pushers nor the crowns don't undergo any pressure.

Holding watches with domes glass is not a problem anymore. The suction dies, delivered in different diameters and made of the same red synthetic deformable material, allow to operate on all different types of case backs even the most delicately worked (satin-like, transparent,...) ; the highly adherence material is easily distorted and adapts easily to the case back shape. In order to maintain good adherence of the suction dies, they must be cleaned regularly ; eliminate previous traces of grease or dust on the glass, the case and the case back before proceeding. The press is equipped with two handles that can be declutched to facilitate their positioning according to the desired angle ;

(1) lateral handle allows to lower or to lift the toothed rack in order to have a better control of the pressure applied to the case back during unscrewing/screwing.

(2) upper handle (mobile) is used to unscrew/screw the case backs.



MSA 07.368



MSA	Size mm	Kg
07.368	180 x 130 x 350	4.400

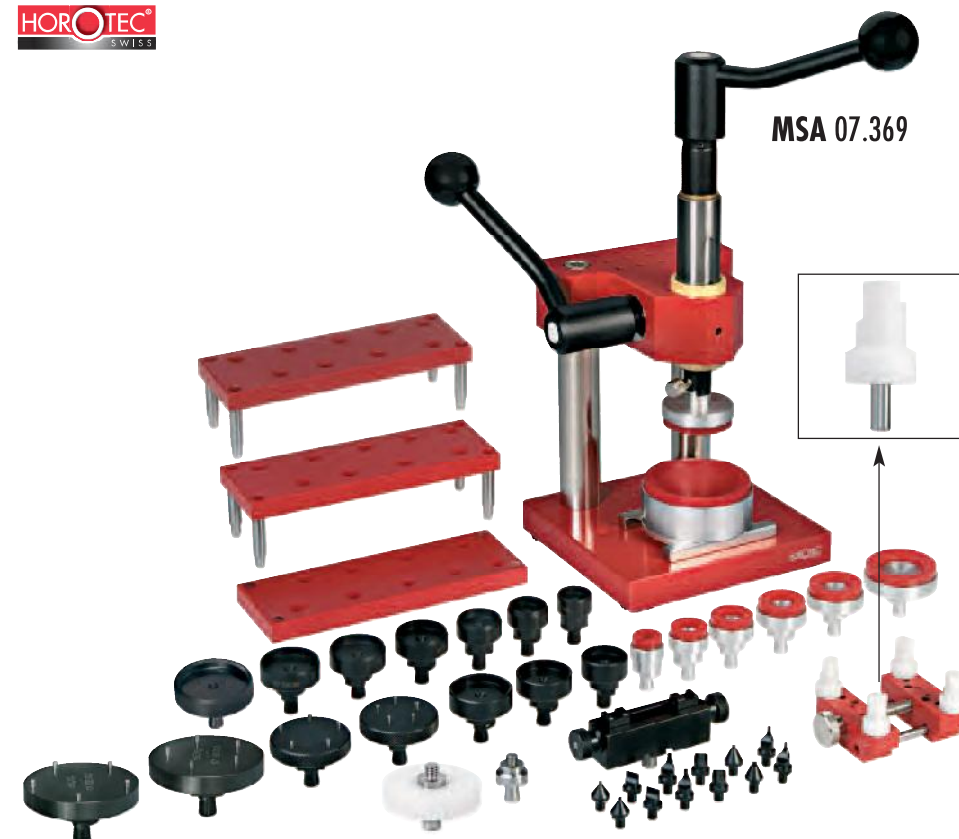
Rack-press, version delivered with suction dies.

Contents :

MSA	Items	Kg
07.367-P	Press only	4.000
07.333	Assortment of 7 suction dies	0.140
07.367-A	Suction case holder	0.130

PRESSES FOR SCREW CASE BACK | TOOLS FOR SCREW CASE BACK...

Professional rack-press, complete version.



MSA 07.369

MSA	Size mm	Kg
07.369	180 x 130 x 350	6.750

Rack-press delivered as a complete version, for traditional work or only with the suction dies. Equipped with 2 adapters allowing use of all the dies with thread \varnothing 6 mm from the following assortments: MSA 06.520, 06.521, 06.522, 07.106 and 07.107.

Contenu :

MSA	Items	Kg
07.367-P	Press only	4.000
07.344	Adjustable jaws holder, maxi opening 65 mm	0.225
07.323-A	2 x Round jaws	0.003
07.323-B	2 x Flat jaws	"

MSA	Items	Kg
07.323-C	2 x Square jaws	0.003
07.323-D	2 x Knurled jaws	"
07.323-E	2 x Elongated jaws, reinforced square	0.004
07.323-F	2 x Elongated jaws, reinforced square	"
07.371	Lower tray	0.270
07.372	2 x Upper tray	0.325
07.373-A	Upper adapter \varnothing 16 mm	0.016
07.373-B	Lower adapter \varnothing 40 mm	0.089
07.374	Case holder with 4 stacked jaws, height 29 mm	0.160
07.333	Assortment of 7 red suction dies	0.140
07.367-A	Suction case holder	0.130
07.326	Assortment of 7 dies type RX	0.430
07.327	Assortment of 3 dies type BMe	0.220
07.336	Assortment of 4 dies type OM	0.582

» *Professionnal rack-press, light version.*



MSA 07.367

Contents :

MSA	Size mm	Kg
07.367	180 x 130 x 350	4.500

Rack-press delivered in the light version, to work in a traditional way.

Numerous of accessories available in option. See page 07 28.

MSA	Items	Kg
07.367-P	Press only	4.000
07.344	Adjustable jaws holder, maxi opening 65 mm	0.225
07.323-A	2 x Round jaws	0.003
07.323-B	2 x Flat jaws	"
07.323-C	2 x Square jaws	"
07.323-D	2 x Knurled jaws	"
07.323-E	2 x Elongated jaws, reinforced square	0.004
07.323-F	2 x Elongated jaws, reinforced square	"
07.374	Case holder with 4 staged jaws, height 29 mm	0.110

» *Complete version of the professional precision HOROTEC® press, heavy and ROBUST for opening/closing screw-on case backs of all types of watches.*



Dies can be used upside down.



Case lugs jaws can be used. (See page 07 31)



MSA	Size mm	Kg
07.363	160 x 220 x 260	5.035

Features :

- Large ergonomic top wheel ø 160 mm for screwing /unscrewing with no effort
- Centre threaded broach with precise blocking ring
- Solid steel supporting pillars covered with anti-skid and ergonomic synthetic material, for right and left handed
- Base has a removable die tray for easy selection and storage
- Removable watch holder with 12 holes for concave delrin dies and 4 holes for case lugs dies
- Base equipped with 4 anti-skid feet.

Contents :

MSA	Items	Kg
07.344	Adjustable jaws holder, maxi opening 65 mm	0.225
07.323-A	2 x Round jaws	0.003
07.323-B	2 x Flat jaws	"
07.323-C	2 x Square jaws	"
07.323-D	2 x Knurled jaws	"
07.370	Removable dies tray	0.345
07.360-A	Watch holder with 4 concave dies, height 24 mm	0.110
07.325	Assortment of 7 green suction dies	0.320
07.326	Assortment of 7 dies type RX	0.340
07.327	Assortment of 3 dies type BMe	0.220

- » The professional precision HOROTEC® press is deliverable in 5 different versions.
- » The references of the 4 pairs of jaws MSA 07.323-x delivered with the illustrated presses here below are the following : MSA 07.323-A, -B, -C and -D.
- » The jaws MSA 07.323-E and -F are also compatible and available separately. See page 07 8.



MSA	Kg
07.360	3.825

Press delivered with adjustable watch holder MSA 07.360-A, 1 adjustable jaws holder MSA 07.344 and 4 pairs of jaws MSA 07.323-x.



MSA	Kg
07.361	4.145

Press delivered with adjustable watch holder MSA 07.360-A, 1 adjustable jaws holder MSA 07.344, 4 pairs of jaws MSA 07.323-x and 7 suction dies MSA 07.325-xxx.



MSA	Kg
07.362	4.480

Press delivered with adjustable watch holder MSA 07.360-A, 1 adjustable jaws holder MSA 07.344, 4 pairs of jaws MSA 07.323-x, 1 dies tray MSA 07.370, 7 suction dies MSA 07.325-xxx and 7 steel dies type RX MSA 07.326-xxx.



MSA	Kg
07.364	4.155

Press delivered with adjustable watch holder MSA 07.360-A, 1 adjustable jaws holder MSA 07.344, 4 pairs of jaws MSA 07.323-x and 7 steel dies type RX MSA 07.326-xxx.



MSA	Kg
07.365	4.030

Press delivered with adjustable watch holder MSA 07.360-A, 1 adjustable jaws holder MSA 07.344, 4 pairs of jaws MSA 07.323-x and 3 steel dies type BMe MSA 07.327-xxx.

PRESSES FOR SCREW CASE BACK | TOOLS FOR SCREW CASE BACK...



MSA	Kg
07.370	0.345

Dies rack adaptable to presses MSA 07.360, 07.361, 07.362, 07.364, 07.365.



MSA	Dimensions mm	Kg
07.371	160 x 55 x 10	0.221

Lower dies tray, accessory for HOROTEC® presses MSA 07.367, 07.368 and 07.369. Used as base support for various upper trays MSA 07.372.



MSA	Dimensions mm	Kg
07.372	160 x 55 x 46	0.345

Upper dies tray, accessory for HOROTEC® presses MSA 07.367, 07.368 and 07.369. Can be stacked on lower trays MSA 07.371.

PRESSES FOR SCREW CASE BACK | TOOLS FOR SCREW CASE BACK...

» **Mini HOROTEC® professional precision press.** Small and robust, built in steel and aluminium. Equipped with removable and adjustable watch holder with 4 delrin dies to hold the watch cases surely and horizontally. First fit the case in the watch holder then unscrew the case back with the adjustable jaws holder. Excellent frontal, lateral or plunging view. Top wheel ø 75 cm.



Contents :

MSA	Size mm	Kg
07.320	110 x 95 x 200	1.540

MSA	Items	Kg
07.344	Adjustable jaws holder, maxi opening 65 mm	0.225
07.323-A	2 x Round jaws	0.003
07.323-B	2 x Flat jaws	"
07.323-C	2 x Square jaws	"
07.323-D	2 x nurlled jaws	"
07.360-A	Watch holder with 4 concave Delrin dies height 18 mm, maximum opening 70 mm.	0.105

» **Assortment of suction dies with increased adherence for opening/closing screw-on case backs, in red synthetic material drowned in aluminium. Slightly deformable material that adapts to the case back shape. For optimal adherence, remove all traces of grease or dust on the synthetic material and the case back, using a cloth soaked with alcohol or benzene. Compatible with all presses MSA 07.36x, 07.170 and 07.320.**


ASSORTMENT

MSA	Contents	Diameters mm	Kg
07.343	10 dies	ø from 16 to 55	0.180

Set of 10 suction dies.
Delivered in a cardboard box.

Detail of dies :

MSA	ø mm	Kg
07.333-016	16	0.011
07.333-020	20	0.013

MSA	ø mm	Kg
07.333-023	23	0.016
07.333-026	26	0.018
07.333-030	30	0.022
07.333-034	34	0.026
07.333-040	40	0.032
07.333-045	45	0.040
07.333-050	50	0.045
07.333-055	55	0.050


ASSORTMENT


Set of 7 suction dies.
Delivered in a cardboard box.

Detail of dies :

MSA	ø mm	Kg
07.333-016	16	0.011
07.333-020	20	0.013
07.333-023	23	0.016
07.333-026	26	0.018
07.333-030	30	0.022
07.333-034	34	0.026
07.333-040	40	0.032


ASSORTMENT


Set of 3 suction dies.
Delivered in a cardboard box.

Detail of dies :

MSA	Contents	Diameters mm	Kg
07.339	3 dies	ø from 45 to 55	0.178

MSA	ø mm	Kg
07.333-045	45	0.040
07.333-050	50	0.045
07.333-055	55	0.050


ASSORTMENT


MSA	Kg
07.325	0.320

Assortment of 7 suction dies for opening/closing screw-on case back. Made of indeformable green synthetic material, drowned in aluminium for a perfect adherence and durable use. Adaptable on presses MSA 07.320, 07.170 et 07.36x and their different versions. Delivered in a cardboard box.

Detail of dies :

MSA	ø mm	Kg
07.325-016	16	0.012
07.325-020	20	0.014
07.325-023	23	0.016
07.325-026	26	0.019
07.325-030	30	0.023
07.325-034	34	0.027
07.325-040	40	0.034



MSA	Maximum opening mm	Kg
07.344	65	0.220

Adjustable jaws holder for professional precision presses Horotec MSA 07.320, 07.360, 07.361, 07.362, 07.363, 07.364, 07.365, 07.367, 07.368 and 07.369. Compatible with jaws MSA 07.323-x.



ø 5 mm

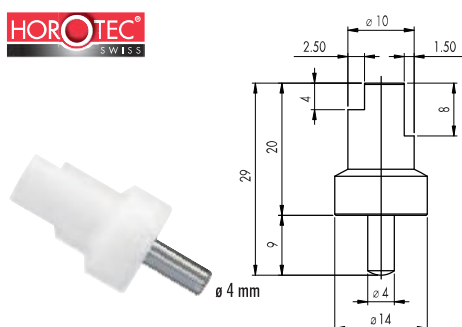
MSA	Jaws shape	Kg	MSA	Jaws shape	Kg
07.323-A	Round	0.003	07.323-D	Knurled	0.003
07.323-B	Flat	"	07.323-E	Elongated square	0.004
07.323-C	Square	"	07.323-F	Elongated round	"

Jaws for screw-on case backs, accessories for jaws holder MSA 07.324 of presses MSA 07.320 and 07.36x.



MSA	Opening maximum mm	Kg
07.374	70	0.160

Adjustable watch holder, for presses MSA 07.367 to 07.369. The staged delrin dies are fitted in a **reinforced pierced holes secured by a steel cylinder**.



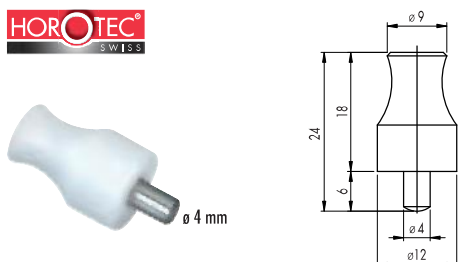
MSA	Kg
07.374-A	0.005

Staged Delrin® die. Accessory compatible only with adjustable watch holder MSA 07.374. Robust steel stem, length 9 mm.



MSA	Opening maximum mm	Kg
07.360-A	70	0.110

Adjustable watch holder, accessory for HOROTEC® presses MSA 07.360, 07.361, 07.362, 07.363, 07.364 and 07.365.



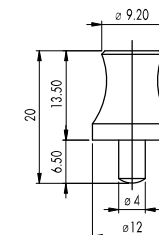
MSA	Kg
07.360-B	0.015

Concave Delrin® die, accessory for adjustable watch holder MSA 07.360-A. Also compatible with watch holders MSA 07.321 and 07.374.



MSA	mm	Kg
07.360-C (1)	09-11	0.008
07.360-D (2)	13-15	"
07.360-E (3)	17-19	"
07.360-F (4)	20-22	"

Case lugs Delrin® dies, accessory for HOROTEC® watch holders MSA 07.321, 07.360-A and 07.364.

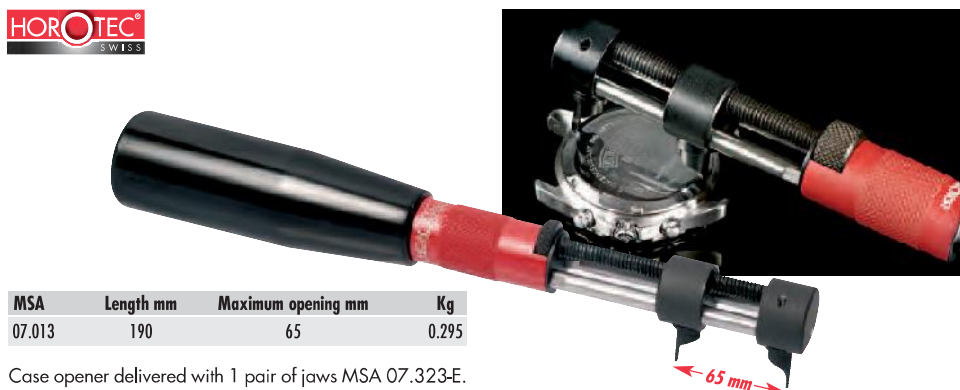


MSA	Kg
07.322	0.002

Concave Delrin® die, accessory for adjustable watch holder MSA 07.321. Also compatible with watch holders MSA 07.360-A and 07.374.

TOOLS FOR SCREW CASE BACK | OTHER TOOLS FOR SNAP-ON...

» **HOROTEC® case openers.** Simple and very efficient for opening watch screw-on case backs with integrated bracelets (also for ladies watches where work space is very narrow). For watches with large dimensions due to the opening up to 65 mm.



MSA	Length mm	Maximum opening mm	Kg
07.013	190	65	0.295

Case opener delivered with 1 pair of jaws MSA 07.323-E. Also suitable for any pair of jaws MSA 07.323-x as shown page 07 29.



MSA	Length mm	Maximum opening mm	Kg
07.014	155	57	0.340

Case opener delivered with 1 pair of jaws MSA 07.323-E. Also suitable for any pair of jaws MSA 07.323-x as shown page 07 29.



MSA	Length mm	Maximum opening mm	Kg
07.023	270	60	0.260

Case opener delivered with 1 pair of jaws MSA 07.323-E. Use with jaws MSA 07.323-x on page 07 29.

TOOLS FOR SCREW CASE BACK | OTHER TOOLS FOR SNAP-ON...

» **Heavy duty HOROTEC® dies handle** giving more power during screwing/unscrewing watch case back. To avoid any watch case damage during operation, we recommend you to use the watch holder wises shown pages 07 30 and 08 3.



ASSORTMENT

MSA	Length mm	Kg
07.316	270	0.720

Case opener MSA 07.021 with 7 steel dies MSA 07.326 for opening/closing screw-on case backs type RX. Handle also suitable for all dies illustrated on pages 07 34 a 07 36.

Replacement dies :

MSA	ø mm	Kg	MSA	ø mm	Kg
07.326-185	18.5	0.037	07.326-265	26.5	0.056
07.326-202	20.2	0.043	07.326-283	28.3	0.058
07.326-225	22.5	0.047	07.326-295	29.5	0.064
			07.326-365	36.5	0.090



ASSORTMENT

MSA	Length mm	Kg
07.338	270	0.962

Case opener MSA 07.021 with 4 steel dies MSA 07.336 for opening/closing screw-on case backs type SEAM. Handle also suitable for all dies illustrated on pages 07 34 a 07 36.

Replacement dies :

MSA	ø mm	Kg	MSA	ø mm	Kg
07.330-020	20	0.095	07.330-033	33	0.140
07.330-030	30	0.095	07.330-042	42	0.141



ASSORTMENT

MSA	Length mm	Kg
07.317	270	0.590

Case opener MSA 07.021 with 3 steel dies MSA 07.327 for opening/closing screw-on case backs type BMe. Handle also suitable for all dies illustrated on pages 07 34 a 07 36.

Replacement dies :

MSA	ø mm	Kg	MSA	ø mm	Kg
07.327-025	25	0.047	07.327-033	33	0.067
07.327-030	30	0.059			



MSA	Length mm	Kg
07.021	270	0.380

Case opener suitable for all dies as shown on pages 07 34 to 07 36.

TOOLS FOR SCREW CASE BACK | OTHER TOOLS FOR SNAP-ON...

These dies are adaptable on all HOROTEC® presses for screw-on case backs.



MSA	Kg
07.306	0.566

Set of 7 steel dies MSA 07.326 with key for opening/closing screw-on case backs type RX.

Replacement parts :

MSA	Items	Kg
07.305	Key only	0.270
07.305-A	Replacement screw for key	0.008
07.326	Assortment of 7 dies type RX	0.340

ASSORTMENT



Set of 7 steel dies for opening/closing screw-on case backs type RX.

Replacement parts :

MSA	Items	Kg
07.326-185	Die ø 18.5 mm	0.037
07.326-202	Die ø 20.2 mm	0.043
07.326-225	Die ø 22.5 mm	0.047
07.326-265	Die ø 26.5 mm	0.056
07.326-283	Die ø 28.3 mm	0.058
07.326-295	Die ø 29.5 mm	0.064
07.326-365	Die ø 36.5 mm	0.090

ASSORTMENT

MSA	Kg
07.326	0.337



MSA	Kg
07.307	0.442

Set of 3 steel dies MSA 07.327 with key for opening/closing screw-on case backs type BMe.

Replacement parts :

MSA	Items	Kg
07.305	Key only	0.270
07.305-A	Replacement screw for key	0.008
07.327	Assortment of 3 dies type BMe	0.211

ASSORTMENT



Set of 3 steel dies for opening/closing screw-on case backs type BMe.

Replacement parts :

MSA	Items	Kg
07.327-025	Die ø 25 mm	0.047
07.327-030	Die ø 30 mm	0.059
07.327-033	Die ø 33 mm	0.067

ASSORTMENT

MSA	Kg
07.327	0.211

TOOLS FOR SCREW CASE BACK | OTHER TOOLS FOR SNAP-ON...

These dies are adaptable on all HOROTEC® presses for screw-on case backs.



ASSORTMENT



MSA	Kg
07.308	0.740

Set of 7 steel dies MSA 07.326 and 3 steel dies MSA 07.327 with key for opening/closing screw-on case backs type RX and BMe.

Replacement parts :

MSA	Items	Kg
07.305	Key only	0.270
07.305-A	Replacement screw for key	0.008
07.326	Assortment of 7 dies type RX	0.340
07.327	Assortment of 3 dies type BMe	0.211



ASSORTMENT



MSA	Kg
07.337	0.826

Set of 4 steel dies MSA 07.336 with key MSA 07.305 for opening/closing screw-on case backs type SEAM.

Replacement parts :

MSA	Items	Kg
07.305	Key only	0.270
07.305-A	Replacement screw for key	0.008
07.336	Assortiment de 4 tasseaux	0.582



ASSORTMENT



MSA	Kg
07.336	0.582

Set of 4 steel dies for opening/closing screw-on case backs type SEAM.

Replacement parts :

MSA	Items	Kg
07.330-020	Die type Seam. Lady	0.095
07.330-030	Die type Seam. Gent	0.095
07.330-033	Die type Seam.	0.140
07.330-042	Die type Seam.	0.141

TOOLS FOR SCREW CASE BACK | OTHER TOOLS FOR SNAP-ON...



ASSORTMENT



MSA	Kg
07.334	0.532

Set of 4 steel dies for opening/closing screw-on case backs type PAN.

Replacement parts :

MSA	Items	Kg
07.334-030	Die type Pan.	0.089
07.334-035	Die type Pan.	0.107
07.334-039	Die type Pan.	0.104
07.334-042	Die type Pan.	0.125



MSA	o mm	For cases	Kg
07.331	35	Type Aqualand	0.070

Steel dies for opening/closing screw-on case backs type CT AQUALAND.



MSA	o mm	For cases	Kg
07.335-034	36.2	BR type 15 sides (1)	0.037
07.335-035	36.5	BR type 15 sides (2)	0.038
07.335-036	38	BR type 15 sides (3)	0.041
07.335-036-A	39	BR type 12 sides (4)	0.042
07.335-037	40	BR type 15 sides (5)	0.041
07.335-038	40	BR type 15 sides (6)	0.042

Steel dies for opening/closing screw-on case backs type BR. Dies sold individually.

Other openers for screw watch cases.



MSA	Size mm	Kg
07.210	70 x 37	0.080

Case opener with 2 hardened steel jaws for opening/closing waterproof watches.



MSA	Size mm	Kg
07.211	60 x 42	0.061

Case opener with 2 jaws.



MSA	Size mm	Kg
07.207	70 x 37	0.080

Case opener with 2 hardened steel jaws for opening/closing waterproof watches type RX.



MSA	Size mm	Kg
07.208	70 x 37	0.080

Case opener with 2 flat hardened steel jaws for opening/closing waterproof watches.



MSA	Size mm	Kg
07.209	70 x 37	0.080

Case opener with 2 pointed hardened steel jaws for opening/closing waterproof watches.

TOOLS FOR SCREW CASE BACK | OTHER TOOLS FOR SNAP-ON...

OTHER TOOLS FOR SNAP-ON CASE BACK | OTHERS...



MSA	Size mm	Kg
07.022	ø ± 65	0.042

Friction ball, high adherence for opening/closing screw-on case backs.



MSA	Size mm	Kg
07.213	150 x 50 x 30	0.250

Case opener with handle with 2 flat jaws and fine adjustment screw.

Replacement jaws :

MSA	Item
07.213-A	Jaw only



MSA	Length mm	Type	Kg
07.026	137	Right hand user	0.106
07.027	137	Left hand user	0.106

Case opener with Aluminium handle with Stainless steel interchangeable blade.

Delivered with an Allen key for blades remove.

Spare blade only :

MSA	Items
07.026-B	Right hand user
07.027-B	Left hand user



MSA	Length mm	Colour	Kg
07.001-01	115	● Red	0.027
07.001-02	"	● Black	"
07.001-03	"	● Blue	"
07.001-04	"	● Green	"

Stainless steel case opener with fixed blade and aluminium handle.



MSA	Length when closed mm	Kg
07.006	83	0.036

Robust stainless steel knife case opener with 2 retractable blades and thick plastic handle. Also equipped with a tooth pick.



MSA	Length when closed mm	Colour	Kg
07.002-01	85	● Red	0.024
07.002-02	"	● Black	"
07.002-03	"	● Blue	"
07.002-04	"	● Green	"

Stainless steel knife case opener with aluminium handle and 2 retractable blades.

OTHER TOOLS FOR SNAP-ON CASE BACK | OTHERS...



MSA	Length when closed mm	Kg
07.029	83	0.08

Stainless steel knife case opener with white aluminium handle and 2 retractable blades.



MSA	Length mm	Kg
07.008	125	0.025

Stainless steel case opener with 1 fixed blade.



MSA	Length mm	Kg
07.007	135	0.034

Case opener with robust handle for a better grip.



MSA	Length mm	Kg
07.016	113	0.018

Case opener with fixed blade without rivets.



MSA	Length mm	Kg
07.018	82	0.024
07.019	86	0.022
07.020	85	0.021

Seiko® genuine, robust and small snap-on case back openers.

ASSORTMENT



MSA	Size mm	Kg
07.024	155 x 145 x 37	0.230

Assortment of 4 small snap-on case back openers. Wooden handles and stainless steel blades.

Replacement parts :

MSA	Type	Length mm	Blade width mm	Blade shape	Kg
07.024-A	A	87	10		0.026
07.024-B	B	"	4		0.024
07.024-C	C	"	10		0.026
07.024-D	D	"	4		0.024



MSA	Size mm	Kg
07.114	90 x 120 x 70	0.405

Tool for opening all types of snap-on case backs with lever and springs.

Replacement blade :

MSA
07.114-A



MSA	Size mm	Kg
07.009	100 x 160 x 100	0.470

Adjustable Seiko case opener for all types of snap-on case backs, easy to use. Delivered with users manual and replacement blade.

OTHER TOOLS FOR SNAP-ON CASE BACK | OTHERS...

- » **Automatic case opener for snap-on case backs, delivered with 3 shaped tips. Handle inside equipped with a spring and firing-pin, when turned on opens the case backs in one micro-choc. The strength of the choc is adjustable by screwing (+ power) or unscrewing (- power) the handle.**



(1)



(2)



(3)



MSA	Size mm	Kg
07.004	122	0.165

Replacement parts :

MSA	Items
07.004-01	Set of 3 blades
07.004-A	Straight blade width 5 mm (1)
07.004-B	Bended blade width 3.5 mm (2)
07.004-C	Bended blade width 4.5 mm (3)
07.004-D	O'ring gasket for blade holding
07.004-E	Spring only
07.004-G	Blade holder

OTHER TOOLS FOR SNAP-ON CASE BACK | OTHERS...

- » **HOROTEC® tool for opening snap-on watch case backs and extracting snap-on bezels. Allows a precise adjustment due to an anti-skid case holder mounted on a spring. Delivered with 2 pairs of hardened steel polished blades, 1 bored case-supporting delrin die to avoid damaging crowns and pushers. The tool is equipped with precision sliding carriage for delicately extracting of glasses or recalcitrant case backs.**

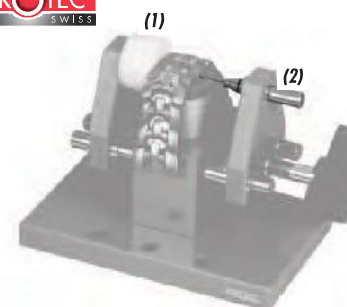


MSA	Size mm	Kg
07.115	120 x 75 x 85	0.960

Replacement parts :

MSA	Items	Kg
07.115-A	Hardened steel blade 2 mm	0.009
07.115-B	Hardened steel blade 4 mm	"
07.115-C	Case-supporting die, hole Ø 10 mm	"
07.115-D	Hardened steel stem	"

- » **Accessories for HOROTEC® tool MSA 07.115.**

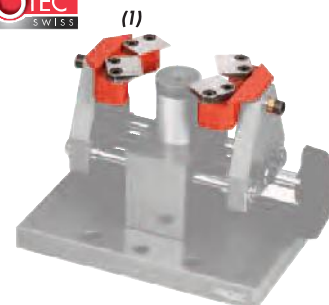


(1)

(2)

MSA	Items	Kg
07.115-C	Bracket-rest die, hole Ø 3 mm (1)	0.009
07.115-E	Pins holder (2)	"

Set of 2 accessories adaptable to MSA 07.115 for bracelet pins remove. Pins delivered separately.
See page 10 03.



(1)

MSA	Item	Kg
07.115-F	2 paire of mirror polished blades (1)	0.085

Set of 2 pairs of mirror polished blades adaptable to MSA 07.115 for bezels or snap-on case back remove opening until 40 mm.

Replacement part :

MSA	Item
07.117-A	1 spare blade only



MSA	Size mm	Kg
07.120	70 x 260 x 215	1.655

Press for closing snap-on case backs.
Delivered with 5 Delrin® snap-on dies, ø 18, 22, 27, 32 and 36



MSA	Kg
07.100	0.190

Pliers for closing snap-on case backs. Delivered with 3 dies ø 35 mm.

» **Other opener.**



MSA	Size mm	Kg
07.117	150 x 60 x 65	0.880

Bezels remover with 4 tempered stainless steel polished blades opening until 60 mm.

Replacement part :

MSA 07.117-A	Item
	1 spare blade only

» **Tools for battery covers type Swatch®.**



MSA	Length mm	For watch type	Kg
07.010	120	Gent	0.072
07.011	"	Lady	0.071
07.012	"	Medium	0.072



MSA	Sizes
03.620-GENT	Gent
03.620-LADY	Lady
03.620-MED	Medium

Interchangeable keys to fit in the handle MSA 03.620-A.



MSA	Kg
03.620-A	0.060

Hexagonal handle on which all types of here above keys and these illustrated on page 03 5 can be fitted.

» **See chapter PERF.**



OTHERS | GLASS CUTTING MACHINE



MSA	Kg
06.210	17.500

Semi-automatic glass cutting machine for flat and domed glasses : tempered mineral, synthetic and unbreakable sapphire.

Accessories for MSA 06.210 :

MSA	Items	Kg
06.210-A	Complete bloc "A"	1.600
06.301-A	Resin cast 200 Gr	0.220
06.301-B	Resin cast 1000 Gr	1.020
06.302-A	Hardening liquid 250 Gr	0.270
06.302-B	Hardening liquid 500 Gr	0.510
06.303-A	Emulsified oil 250 Gr	0.200
06.303-B	Emulsified oil 1000 Gr	0.920
06.305	Corindon stone K5	0.018
06.306	Lubricant oil in spray 100 ml	0.120
06.310	Support for domed glass	0.150
06.311-A	Outside green belt	0.007
06.311-B	Inside red belt	0.010
06.312	Rough grinding wheel	0.095
06.313-A	Inside bevelling wheel	0.065
06.313-B	Outside bevelling wheel	0.065
06.314	Outside bevel polishing wheel	0.065
06.315	Set of 4 above wheels	0.290