

Fitting watch hands, without damaging the dial and the hands are delicate operations that guarantee the aesthetics of the watch.
An ideal hands press for any after-sales service jobs.



MSA	Size	Kg
05.021	70 x 70 x 65 mm	0.400

Hands fitting press for wrist and pocket watches, for a quick and efficient job. It allows a precise control by holding the die vertically while pressing on the hand. Nice finish in steel and aluminium.
Delivered with 8 Delrin® screw-on stakes.

Spare parts :

MSA	Item	Kg
05.017-01	(1) Broach	0.009
05.017-02	Spring	0.002
05.017-A	Stake Ø 0.50 mm	0.002
05.017-B	Stake Ø 0.70 mm	0.002
05.017-C	Stake Ø 0.90 mm	0.002
05.017-D	Stake Ø 1.20 mm	0.002
05.017-E	Stake Ø 1.50 mm	0.002
05.017-F	Stake Ø 1.70 mm	0.002
05.017-G	Flat stake	0.002
05.017-H	Conical stake	0.002

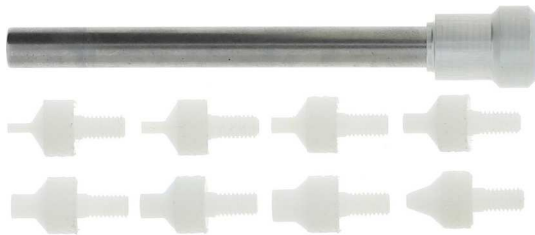


MSA	Size	Kg
05.022	105 x 70 x 72 mm	0.520

Hands fitting press with 3 broaches for wrist and pocket watches without any broach replacement.
Delivered with 8 Delrin® screw-on stakes.

Spare parts :

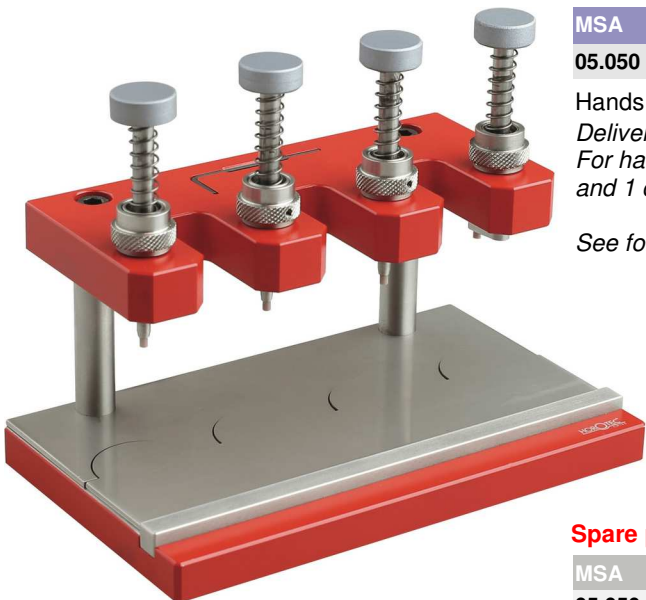
MSA	Item	Kg
05.017-01	(1) Broach	0.009
05.017-02	Spring	0.002
05.017-A	Stake Ø 0.50 mm	0.002
05.017-B	Stake Ø 0.70 mm	0.002
05.017-C	Stake Ø 0.90 mm	0.002
05.017-D	Stake Ø 1.20 mm	0.002
05.017-E	Stake Ø 1.50 mm	0.002
05.017-F	Stake Ø 1.70 mm	0.002
05.017-G	Flat stake	0.002
05.017-H	Conical stake	0.002



ASSORTMENT

MSA	Kg
05.017-03	0.026

Assortment with 1 broach and 8 Delrin® screw-on stakes for presses MSA05.021 and MSA05.022.



MSA	Size	Kg
05.050	160 x 100 x 130 mm	1.440

Hands fitting press, 4 broaches.
 Delivered with stakes equipped with PEEK tips (doesn't mark the hands).
 For hands : hours (Ø 1.35 mm), minutes (Ø 0.95 mm), seconds (Ø 0.30 mm) and 1 decentred stake.

See following pages for other compatible stakes.

Spare parts :

MSA	Item	Kg
05.050-BA	Adjustable stop ringDE	0.010
05.050-BR	Broach with head	0.018
05.050-RE	Spring for broach	0.002

Accessory :

MSA	Item	Kg
05.050-P	Decentred adaptor for movement holder. Base Ø 31 mm	0.105



HANDS FITTING PRESSES

High precision hands fitting press with revolving head to avoid changing broaches, ideal for production series. Each broach is equipped with a knurled ring for fine height adjustment. Suitable for movement holder MSA09.010-xx Ø 31 mm (see chapter 09).



MSA	Tips	Use	Kg
05.109	Steel	For H/M hands	1.350
05.114	PEEK	For H/M hands	1.350

High precision hand fitting press, with 2 hardened steel broaches and 2 stakes Ø 1.35 - 0.95 mm.



MSA	Tips	Use	Kg
05.110	Steel	For H/M/S hands	1.475
05.115	PEEK	For H/M/S hands	1.475

High precision hand fitting press, with 3 hardened steel broaches and 3 stakes Ø 1.35 - 0.95 - 0.30 mm.



MSA	Tips	Use	Kg
05.111	Steel	For H/M/decentred Sec hands	1.455
05.116	PEEK	For H/M/decentred Sec hands	1.455

High precision hand fitting press, with 3 hardened steel broaches and 3 stakes Ø 1.35 - 0.95 mm - decentred.



MSA	Tips	Use	Kg
05.112	Steel	For H/M/S/Date hands	1.585
05.117	PEEK	For H/M/S/Date hands	1.585

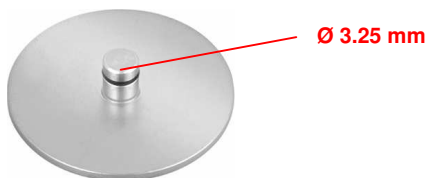
High precision hand fitting press, with 4 hardened steel broaches and 4 stakes Ø 1.35 - 0.95 - 0.30 - 2.10 mm.

Accessories for use with the presses illustrated above.



MSA	Kg
05.015-R	0.010

Table to set counter.



MSA	Kg
05.015-P	0.010

Decentred adaptor for movement holder.

Other accessories :

MSA	Item	Kg
05.110-A	Stop ring, height 18 mm	0.008
05.110-B	Stop ring, height 12 mm	0.007
05.110-S	Spring for broach	0.002
05.118	Broach with spring	0.015
05.119	Broach with groove and spring	0.015
05.119-A	Simple broach	0.013



MSA	Tips	Ø hole	Kg
05.110-03	Steel	0.30 mm	0.002
05.110-04	Steel	0.95 mm	0.002
05.110-09	Steel	1.10 mm	0.002
05.110-05	Steel	1.35 mm	0.002
05.110-08	Steel	1.50 mm	0.002
05.110-07	Steel	1.70 mm	0.002
05.110-06	Steel	2.10 mm	0.002
05.110-01	Steel	7.50 mm (length)	0.004
05.110-02	Steel	Flat	0.002

Spare stainless steel stakes for presses MSA05.050, MSA05.109, MSA05.110, MSA05.111 and MSA05.112.
Other diameters available upon request.



MSA	Tips	Ø hole	Kg
05.114-03	PEEK	0.30 mm	0.002
05.114-14	PEEK	0.40 mm	0.002
05.114-15	PEEK	0.50 mm	0.002
05.114-16	PEEK	0.55 mm	0.002
05.114-17	PEEK	0.75 mm	0.002
05.114-18	PEEK	0.85 mm	0.002
05.114-04	PEEK	0.95 mm	0.002
05.114-19	PEEK	1.05 mm	0.002
05.114-09	PEEK	1.10 mm	0.002
05.114-20	PEEK	1.15 mm	0.002
05.114-21	PEEK	1.25 mm	0.002
05.114-05	PEEK	1.35 mm	0.002
05.114-08	PEEK	1.50 mm	0.002
05.114-22	PEEK	1.55 mm	0.002
05.114-23	PEEK	1.65 mm	0.002
05.114-07	PEEK	1.70 mm	0.002
05.114-24	PEEK	1.80 mm	0.002
05.114-25	PEEK	1.95 mm	0.002
05.114-06	PEEK	2.10 mm	0.002
05.114-01	PEEK	7.50 mm (length)	0.004
05.114-02	PEEK	Flat	0.002

Spare stakes with PEEK tip for presses MSA05.050, MSA05.114, MSA05.115, MSA05.116 and MSA05.117.
Other diameters available upon request.



MSA	Tips	Ø hole	Kg
05.111-03	Delrin®	0.30 mm	0.002
05.111-12	Delrin®	0.60 mm	0.002
05.111-04	Delrin®	0.95 mm	0.002
05.111-09	Delrin®	1.10 mm	0.002
05.111-11	Delrin®	1.20 mm	0.002
05.111-05	Delrin®	1.35 mm	0.002
05.111-08	Delrin®	1.50 mm	0.002
05.111-10	Delrin®	1.60 mm	0.002
05.111-07	Delrin®	1.70 mm	0.002
05.111-06	Delrin®	2.10 mm	0.002
05.111-13	Delrin®	3.00 mm	0.002
05.111-01	Delrin®	7.50 mm (length)	0.004
05.111-02	Delrin®	Flat	0.002

Spare stakes with Delrin® tip for presses MSA05.050, MSA05.109, MSA05.110, MSA05.111 and MSA05.112.
Other diameters available upon request.

High precision hands fitting press equipped with 2 adjustable and interchangeable broaches, ideal for production series. Suitable for movement holder MSA09.010-xx (see chapter 09).



MSA	Use	Kg
05.100	For hour and minute hands	0.780

High precision hands fitting press with 2 adjustable and interchangeable broaches.
Base Ø 31 mm.
See also movement holders MSA 09.010-xx (chapter 09).

Spare parts :

MSA	Item	Kg	
05.101-A	Adjustable broach with white head for minute hands, Ø hole 1.00 mm	0.019	
05.101-B	Adjustable broach with black head for hour hands, Ø hole 1.20 mm	0.019	



MSA	Use	Kg
05.101	For hour and minute hands	1.260

High precision hands fitting press with 2 adjustable and interchangeable broaches. Revolving head to avoid broach changing.
Base Ø 31 mm.
See also movement holders MSA 09.010-xx (chapter 09).

Spare parts :

MSA	Item	Kg	
05.101-A	Adjustable broach with white head for minute hands, Ø hole 1.00 mm	0.019	
05.101-B	Adjustable broach with black head for hour hands, Ø hole 1.20 mm	0.019	

Accessories for presses MSA05.100 and MSA05.101.



MSA	Kg
05.101-C	0.019

Simple broach with red head for second hands, flat not pierced.