



MSA12.300-x Hard carbon steel
MSA12.301-x Stainless steel
MSA12.302-x Antimagnetic steel 904L
MSA12.303-x Brass
MSA12.304-x 100% antimagnetic nickel
MSA12.305-x Beryllium copper
MSA12.306-x Bronze

STANDARD POLISHED BODY AND TIPS !



00

MSA	Material	Length	Kg
12.300-00	Carbon steel	120 mm	0.022
12.301-00	Stainless steel	120 mm	0.022
12.302-00	Antimagnetic steel 904L	120 mm	0.022

Thick tweezers with flat tips, Geneva shape.



0

MSA	Material	Length	Kg
12.300-0	Carbon steel	120 mm	0.018
12.301-0	Stainless steel	120 mm	0.018
12.302-0	Antimagnetic steel 904L	120 mm	0.018

Fine tweezers, Geneva shape.



0C

MSA	Material	Length	Kg
12.302-0C	Antimagnetic steel 904L	110 mm	0.008

Fine and short tweezers for hairsprings.



1

MSA	Material	Length	Kg
12.300-1	Carbon steel	120 mm	0.016
12.301-1	Stainless steel	120 mm	0.016
12.302-1	Antimagnetic steel 904L	120 mm	0.016
12.305-1	Beryllium copper	120 mm	0.016

Strong tweezers.



2

MSA	Material	Length	Kg
12.300-2	Carbon steel	120 mm	0.018
12.301-2	Stainless steel	120 mm	0.018
12.302-2	Antimagnetic steel 904L	120 mm	0.018

Strong tweezers with fine and flat tips.



2A

MSA	Material	Length	Kg
12.302-2A	Antimagnetic steel 904L	120 mm	0.014

Tweezers with large and round tips for straightening hands.

HOROTEC® TWEEZERS FOR WATCHMAKING



3

MSA	Material	Length	Kg
12.300-3	Carbon steel	120 mm	0.014
12.301-3	Stainless steel	120 mm	0.014
12.302-3	Antimagnetic steel 904L	120 mm	0.014
12.305-3	Beryllium copper	120 mm	0.014

Fine tweezers for hairsprings.



3C

MSA	Material	Length	Kg
12.300-3C	Carbon steel	110 mm	0.013
12.301-3C	Stainless steel	110 mm	0.013
12.302-3C	Antimagnetic steel 904L	110 mm	0.013

Fine and short tweezers for hairsprings.



4

MSA	Material	Length	Kg
12.300-4	Carbon steel	110 mm	0.014
12.301-4	Stainless steel	110 mm	0.014
12.302-4	Antimagnetic steel 904L	110 mm	0.014
12.303-4	Brass	110 mm	0.014

Tweezers with long and fine tips for hairsprings.



5

MSA	Material	Length	Kg
12.300-5	Carbon steel	110 mm	0.013
12.301-5	Stainless steel	110 mm	0.013
12.302-5	Antimagnetic steel 904L	110 mm	0.013

Short and extra-fine tweezers for hairsprings.



5-SP

MSA	Material	Length	Kg
12.302-5SP	Antimagnetic steel 904L	105 mm	0.008

Short and extra-fine tweezers for hairsprings.



6

MSA	Material	Length	Kg
12.300-6	Carbon steel	115 mm	0.018
12.301-6	Stainless steel	115 mm	0.018
12.302-6	Antimagnetic steel 904L	115 mm	0.018

Tweezers hook shape and fine tips.



7

MSA	Material	Length	Kg
12.300-7	Carbon steel	115 mm	0.015
12.301-7	Stainless steel	115 mm	0.015
12.302-7	Antimagnetic steel 904L	115 mm	0.015

Curved and extra-fine tweezers for hairsprings.



11

MSA	Material	Length	Kg
12.304-11	100% antimagnetic nickel	120 mm	0.019

Tweezers with strong tips.



12

MSA	Material	Length	Kg
12.304-12	100% antimagnetic nickel	120 mm	0.019

Tweezers with fine tips.



14

MSA	Material	Length	Kg
12.300-14	Carbon steel	110 mm	0.030

Simple tweezers for removing and holding hands.



14A

MSA	Material	Length	Kg
12.300-14A	Carbon steel	115 mm	0.021

Tweezers with sliding locker for removing and holding hands.



15

MSA	Material	Length	Kg
12.300-15	Carbon steel	105 mm	0.014

Tweezers for marking hairsprings.



15A

MSA	Material	Length	Kg
12.300-15A	Carbon steel	115 mm	0.035

Strong tweezers for cutting hairsprings.



27

MSA	Material	Length	Kg
12.301-27	Stainless steel	135 mm	0.017
12.302-27	Antimagnetic steel 904L	135 mm	0.017

Strong and pointed tweezers for stones.

HOROTEC® TWEEZERS FOR WATCHMAKING



AA

MSA	Material	Length	Kg
12.300-AA	Carbon steel	125 mm	0.020
12.301-AA	Stainless steel	125 mm	0.020
12.302-AA	Antimagnetic steel 904L	125 mm	0.020
12.303-AA	Brass	125 mm	0.020

Strong and elegant tweezers for ordinary use.



AM

MSA	Material	Length	Kg
12.303-AM	Antimagnetic brass	130 mm	0.022

Tweezers for hairsprings, Parisian shape.



B1

MSA	Material	Length	Kg
12.303-B1	Brass	130 mm	0.019

Simple tweezers with fine tips.



B5

MSA	Material	Length	Kg
12.300-B5	Carbon steel	125 mm	0.019
12.301-B5	Stainless steel	125 mm	0.019
12.303-B5	Brass	125 mm	0.019
12.304-B5	100% antimagnetic nickel	125 mm	0.019
12.306-B5	Bronze	125 mm	0.019
12.307-B5	Gilt brass	125 mm	0.022

Strong and pointed tweezers.



D

MSA	Material	Length	Kg
12.300-D	Carbon steel	95 mm	0.026

Tweezers for cutting and removing rollers, pivots and pinions.



F

MSA	Material	Length	Kg
12.300-F	Carbon steel	115 mm	0.016
12.301-F	Stainless steel	115 mm	0.016
12.302-F	Antimagnetic steel 904L	115 mm	0.016

Tweezers with flat tips for straightening hands.



MM

MSA	Material	Length	Kg
12.300-MM	Carbon steel	125 mm	0.019
12.301-MM	Stainless steel	125 mm	0.019
12.302-MM	Antimagnetic steel 904L	125 mm	0.019
12.303-MM	Brass	125 mm	0.019

Tweezers for hairsprings, Parisian shape.



P

MSA	Material	Length	Kg
12.300-P	Carbon steel	120 mm	0.014
12.301-P	Stainless steel	120 mm	0.014
12.302-P	Antimagnetic steel 904L	120 mm	0.014

Simple tweezers with strong tips.



S

MSA	Material	Length	Kg
12.300-S	Carbon steel	120 mm	0.015
12.301-S	Stainless steel	120 mm	0.015
12.302-S	Antimagnetic steel 904L	120 mm	0.015

Simple tweezers with fine tips.



S5

MSA	Material	Length	Kg
12.303-S5	Brass	130 mm	0.022
12.304-S5	100% antimagnetic nickel	130 mm	0.022
12.306-S5	Bronze	130 mm	0.019

Simple tweezers with fine tips.



S5C

MSA	Material	Length	Kg
12.303-S5C	Brass	135 mm	0.021

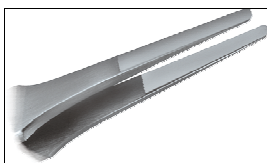
Bent tweezers with fine tips.



SS

MSA	Material	Length	Kg
12.300-SS	Carbon steel	140 mm	0.015
12.301-SS	Stainless steel	140 mm	0.015
12.302-SS	Antimagnetic steel 904L	140 mm	0.015

Long and narrow tweezers with fine tips.



HIGH QUALITY FINISHING. SAND BLASTED BODY AND MIRROR POLISHED TIPS !



1

MSA	Material	Length	Kg
12.312-1	Antimagnetic steel 904L	120 mm	0.013

Strong tweezers, sand blasted body and mirror polished tips.



2

MSA	Material	Length	Kg
12.312-2	Antimagnetic steel 904L	120 mm	0.014

Strong tweezers with fine and flat tips, sand blasted body and mirror polished tips.



2A

MSA	Material	Length	Kg
12.312-2A	Antimagnetic steel 904L	120 mm	0.014

Large tweezers with round tips for straightening hands, sand blasted body and mirror polished tips.



3

MSA	Material	Length	Kg
12.312-3	Antimagnetic steel 904L	120 mm	0.013

Fine tweezers for hairsprings, sand blasted body and mirror polished tips.



4

MSA	Material	Length	Kg
12.312-4	Antimagnetic steel 904L	110 mm	0.013

Tweezers with long and fine tips for hairsprings, sand blasted body and mirror polished tips.



5

MSA	Material	Length	Kg
12.312-5	Antimagnetic steel 904L	110 mm	0.012

Extra-fine tweezers for hairsprings, sand blasted body and mirror polished tips.



7

MSA	Material	Length	Kg
12.312-7	Antimagnetic steel 904L	115 mm	0.013

Curved and extra-fine tweezers for hairsprings, sand blasted body and mirror polished tips.



27

MSA	Material	Length	Kg
12.312-27	Antimagnetic steel 904L	135 mm	0.016

Strong and pointed tweezers for stones, sand blasted body and mirror polished tips.



51

MSA	Material	Length	Kg
12.312-51	Antimagnetic steel 904L	115 mm	0.012

Bent and extra-fine tweezers for hairsprings, sand blasted body and mirror polished tips.



F

MSA	Material	Length	Kg
12.312-F	Antimagnetic steel 904L	120 mm	0.015

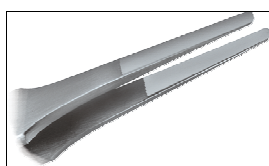
Tweezers with standard flat tips for straightening hands, sand blasted body and mirror polished tips.



F1

MSA	Material	Length	Kg
12.312-F1	Antimagnetic steel 904L	120 mm	0.016

Tweezers with fine round tips for straightening hands, sand blasted body and mirror polished tips.



STANDARD POLISHED BODY AND MIRROR POLISHED TIPS !



1

MSA	Material	Length	Kg
12.302-1/1	Antimagnetic steel 904L	120 mm	0.016

Strong tweezers with mirror polished tips.



2

MSA	Material	Length	Kg
12.302-2/1	Antimagnetic steel 904L	120 mm	0.015

Strong tweezers with fine and flat mirror polished tips.



2A

MSA	Material	Length	Kg
12.302-2A/1	Antimagnetic steel 904L	120 mm	0.016

Large tweezers with round mirror polished tips, for straightening hands.



3

MSA	Material	Length	Kg
12.302-3/1	Antimagnetic steel 904L	120 mm	0.014

Fine tweezers for hairsprings, mirror polished tips.



5

MSA	Material	Length	Kg
12.302-5/1	Antimagnetic steel 904L	110 mm	0.013

Short and extra-fine tweezers for hairsprings, mirror polished tips.



7

MSA	Material	Length	Kg
12.302-7/1	Antimagnetic steel 904L	115 mm	0.013

Curved and extra-fine tweezers with mirror polished tips.



51

MSA	Material	Length	Kg
12.302-51/1	Antimagnetic steel 904L	115 mm	0.012

Tweezers for hairsprings with bent and extra-fine mirror polished tips.



F1

MSA	Material	Length	Kg
12.301-F1	Stainless steel	115 mm	0.017
12.302-F1	Antimagnetic steel 904L	115 mm	0.017

Tweezers with round mirror polished tips, for straightening hands.

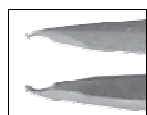
HOROtec® tweezers for special works.



2A-H

MSA	Material	Length	Kg
12.312-2A-H	Antimagnetic steel 904L	118 mm	0.016

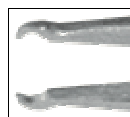
Stacked tweezers for hands fitting, mirror finishing.



LG

MSA	Material	Ø Tightening	Kg
12.301-LG1	Stainless steel	2.00 mm	0.016

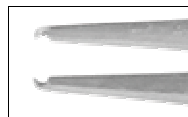
Tweezers with round tips for tubes and pins.



LP

MSA	Material	Ø Tightening	Kg
12.301-LP2	Stainless steel	0.80 mm	0.016
12.301-LP3	Stainless steel	0.90 mm	0.016
12.301-LP1	Stainless steel	1.60 mm	0.016

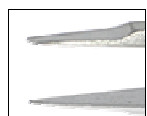
Tweezers with round tips for tubes and pins.



27

MSA	Material	Ø Tightening	Kg
12.302-27/030	Stainless steel 100% antimagnetic	0.30 mm	0.016
12.302-27/040	Stainless steel 100% antimagnetic	0.40 mm	0.016
12.302-27/080	Stainless steel 100% antimagnetic	0.80 mm	0.016

Tweezers with round tips for pins.



2

MSA	Material	Kg
12.301-33/2	Stainless steel	0.014

Tweezers for correcting darts.

HOROtec® tweezers for curving hairsprings.



10B

MSA	Material	Length	Kg
12.300-10B	Carbon steel	115 mm	0.015

Tweezers for curving hairsprings.

HOROTEC® TWEEZERS FOR WATCHMAKING

100% antimagnetic nickel HOROTEC® special tweezers with red vulcanized fibre tips.



MSA	Material	Length	Kg
12.150	100% antimagnetic nickel	125 mm	0.020

Tweezers with red vulcanized fibre tips, extra-fine tips 0.50 mm.



MSA	Material	Length	Kg
12.727	100% antimagnetic nickel	125 mm	0.020

Tweezers with red vulcanized fibre tips, fine tips.



MSA	Material	Length	Kg
12.710	100% antimagnetic nickel	125 mm	0.020

Tweezers with red vulcanized fibre tips, medium tips.



MSA	Material	Length	Kg
12.726	100% antimagnetic nickel	125 mm	0.020

Tweezers with red vulcanized fibre tips, large tips.



MSA	Material	Length	Kg
12.729	100% antimagnetic nickel	125 mm	0.020

Tweezers with red vulcanized fibre and felt tips for oiling mainsprings, large tips.

HOROTEC® tweezers with ceramic tips.



MSA	Material	Length	Kg
12.151	000	130 mm	0.026

Tweezers with ceramic tips 1.30 x 0.50 mm.

These tweezers are resistant to acids and high temperatures without transmitting heat.