

## PIN VICES

Pin vices are used to firmly hold items such as winding stems, cutting and smoothing broaches, drills, taps, wires, screws, etc.

Choosing a square or hexagonal head model will assure you a tighter fit.



MSA	Tightening	Length	Kg
02.001-01	0...1.50 mm	70 mm	0.022
02.001-02 *	0...1.80 mm	80 mm	0.025
02.001-03	0...2.30 mm	90 mm	0.030
02.001-04 *	0...2.80 mm	100 mm	0.040
02.001-05	0...3.00 mm	110 mm	0.050
02.001-06 *	0...3.50 mm	120 mm	0.060
02.001-07	0...4.00 mm	130 mm	0.080
02.001-08 *	0...5.00 mm	140 mm	0.094

Pin vice with fluted hollow brass handle and square head to prevent rolling on bench.

Delivered with 2 steel chucks.

\* In assortments MSA02.026 and MSA02.027



### ASSORTMENT

MSA	Kg
02.026	0.212

Assortment of 4 pin vices MSA02.001-02, -04, -06 and -08.

Delivered in 1 plastic pouch.



MSA	Kg
02.027	0.422

Assortment of 5 brass pin vices, 4 with square head (MSA02.001-02 /-04 /-06 /-08) and 1 with round head (MSA02.021).

Delivered in 1 wooden box.



MSA	Tightening	Length	Kg
02.015-01	0...1.50 mm	70 mm	0.022
02.015-02	0...1.80 mm	80 mm	0.022
02.015-03	0...2.30 mm	90 mm	0.030
02.015-04	0...2.80 mm	100 mm	0.040
02.015-05	0...3.00 mm	110 mm	0.040
02.015-06	0...3.50 mm	120 mm	0.040
02.015-07	0...4.00 mm	130 mm	0.080
02.015-08	0...5.00 mm	140 mm	0.094

Pin vice with fluted hollow nickel-plated handle and square head to prevent rolling on bench.

Provided with 2 steel chucks.



MSA	Tightening	Length	Kg
02.002-01	0...1.50 mm	70 mm	0.020
02.002-02	0...1.80 mm	80 mm	0.020
02.002-03	0...2.30 mm	90 mm	0.030
02.002-04	0...2.80 mm	100 mm	0.040
02.002-05	0...3.00 mm	110 mm	0.045
02.002-06	0...3.50 mm	120 mm	0.060
02.002-07	0...4.00 mm	130 mm	0.070
02.002-08	0...5.00 mm	140 mm	0.093

Pin vice with fluted hollow brass handle and round head.  
Provided with 2 steel chucks.



MSA	Tightening	Length	Kg
02.003-01	0...0.80 mm	80 mm	0.012
02.003-02	0...0.80 mm	90 mm	0.015
02.003-03	0...0.80 mm	100 mm	0.015
02.003-04	0...0.80 mm	110 mm	0.015
02.003-05	0...0.80 mm	120 mm	0.017

Pin vice with fluted hollow brass, thin handle Ø 5 mm and round head.  
Provided with 1 steel chuck.



MSA	Tightening	Length	Kg
02.014-02	0.00...0.80 mm	80 mm	0.013
02.014-04	0.00...1.00 mm	100 mm	0.025
02.014-06	1.40...2.50 mm	120 mm	0.025

Pin vice with fluted hollow brass handle and round head.  
Delivered with 1 steel chuck.



MSA	Tightening	Length	Kg
02.021 *	0...0.70 mm	110 mm	0.015

Thin pin vice with conical and fluted brass handle and round head.  
Provided with 1 steel chuck.

\* In assortment MSA02.027



MSA	Tightening	Length	Kg
02.005	0...2.50 mm	100 mm	0.033

Double-ended pin vice with fluted nickel-plated handle and 2 round heads.  
Provided with 2 steel 4-lip chucks.



MSA	Tightening	Length	Kg
02.012	0...2.80 mm	110 mm	0.038

Double-ended pin vice with fluted hollow nickel-plated handle and 2 knurled round heads.  
Provided with 2 steel 4-lip chucks.

## PIN VICES



MSA	Tightening	Length	Kg
02.016 *	0...0.70 mm	110 mm	0.015

Thin pin vice with conical fluted nickel-plated handle and round head.  
Provided with 1 steel chuck.

\* See assortment MSA02.025



MSA	Tightening	Length	Kg
02.020-01	0...1.50 mm	70 mm	0.020
02.020-02	0...1.80 mm	80 mm	0.020
02.020-03 *	0...2.30 mm	90 mm	0.025
02.020-04 *	0...2.80 mm	100 mm	0.030
02.020-05	0...3.00 mm	110 mm	0.045
02.020-06	0...3.50 mm	120 mm	0.050
02.020-08	0...5.00 mm	140 mm	0.096

Pin vice with fluted hollow nickel-plated handle and round head.  
Provided with 2 steel chucks.

\* See assortment MSA02.025



### ASSORTMENT

MSA	Kg
02.025	0.088

Assortment of 3 pin vices with fluted hollow nickel-plated handles and round heads.

Contents : MSA02.016, 02.020-03 and 02.020-04.

Delivered in 1 plastic pouch.

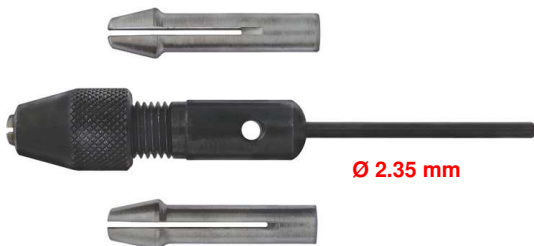


Ø 2.35 mm

MSA	Tightening	Length	Kg
02.035	0...1.20 mm	55 mm	0.005

Pin vice with black finished adapter and round head. For manual use on a lathe or a drilling machine.

Provided with 1 steel chuck.



Ø 2.35 mm

MSA	Model	Tightening	Length	Kg
02.036	Medium	0.00...1.00 - 0.90...1.60 - 1.50...2.40 mm	80 mm	0.028
02.037	Large	0.00...1.30 - 1.10...2.30 - 1.70...3.00 mm	80 mm	0.028

Pin vice with black finished adapter and round head. For manual use on a lathe or a drilling machine.

Delivered with 3 interchangeable steel chucks.



MSA	Tightening	Length	Kg
02.099	0...0.90 mm	50 mm	0.008

Mini cutting broaches holder pin vice with fluted hollow handle made of aluminium.

Provided with 1 steel chuck.



MSA	Ø crowns	Model	Length	Kg
02.008-01	3...5 mm	<b>Small</b>	75 mm	0.031
02.008-02	4...6 mm	<b>Medium</b>	75 mm	0.031
02.008-03	5...7 mm	<b>Large</b>	75 mm	0.031

Winding crowns pin vice with knurled nickel-plated handle. Specially made for winding watches.



MSA	Tightening	Length	Kg
02.098	0...1.10 mm	60 mm	0.013

Mini cutting broaches holder pin vice with knurled hollow handle made of black steel and round head. Provided with 1 steel chuck.



MSA	Tightening	Length	Kg
02.004	0...2.80 mm	110 mm	0.040

Double-ended pin vice with fluted hollow nickel-plated handle and 2 hexagonal heads to prevent rolling on bench. Provided with 2 steel 4-lip chucks.



MSA	Tightening	Length	Kg
02.050	1.40...2.80 mm	107 mm	0.039

Double-ended pin vice with fluted hollow nickel-plated handle and 2 knurled round heads. Provided with 2 identical steel chucks with 4 cutters.



MSA	Length	Kg
02.007	110 mm	0.015

Forked pin vice with knurled nickel-plated handle. Provided with a sliding locker for an easy and quick tightening with one hand.

## PIN VICES



MSA	Tightening	Length	Kg
02.030	0...1.50 mm	110 mm	0.031

Crown pin vice with knurled hollow nickel-plated handle.  
Provided with a sliding locker for an easy and quick tightening with one hand.



MSA	Ø	Length	Kg
02.022-075	0.75 mm	120 mm	0.048
02.022-080	0.80 mm	120 mm	0.048
02.022-090	0.90 mm	120 mm	0.048
02.022-100	1.00 mm	120 mm	0.048
02.022-120	1.20 mm	120 mm	0.048
02.022-125	1.25 mm	120 mm	0.048
02.022-130	1.30 mm	120 mm	0.048
02.022-140	1.40 mm	120 mm	0.048
02.022-145	1.45 mm	120 mm	0.048
02.022-150	1.50 mm	120 mm	0.048
02.022-160	1.60 mm	120 mm	0.048
02.022-170	1.70 mm	120 mm	0.048
02.022-175	1.75 mm	120 mm	0.048
02.022-180	1.80 mm	120 mm	0.048
02.022-200	2.00 mm	120 mm	0.048
02.022-220	2.20 mm	120 mm	0.048
02.022-250	2.50 mm	120 mm	0.048
02.022-300	3.00 mm	120 mm	0.048
02.022-350	3.50 mm	120 mm	0.048

Pin vice for barrel staff with hollow nickel-plated hexagonal handle.  
Provided with a sliding locker for an easy and quick tightening with one hand.



MSA	Ø	Length	Kg
02.006-020	0.20 mm	115 mm	0.017
02.006-025	0.25 mm	115 mm	0.017
02.006-030	0.30 mm	115 mm	0.017
02.006-035	0.35 mm	115 mm	0.017
02.006-040	0.40 mm	115 mm	0.017
02.006-045	0.45 mm	115 mm	0.017
02.006-050	0.50 mm	115 mm	0.017
02.006-055	0.55 mm	115 mm	0.017
02.006-060	0.60 mm	115 mm	0.017
02.006-065	0.65 mm	115 mm	0.017
02.006-070	0.70 mm	115 mm	0.017
02.006-075	0.75 mm	115 mm	0.017
02.006-080	0.80 mm	115 mm	0.017
02.006-085	0.85 mm	115 mm	0.017
02.006-090	0.90 mm	115 mm	0.017
02.006-095	0.95 mm	115 mm	0.017
02.006-100	1.00 mm	115 mm	0.017
02.006-110	1.10 mm	115 mm	0.017
02.006-120	1.20 mm	115 mm	0.017

Balance screws hardened steel pin vice, knurled nickel-plated handle.  
Provided with a sliding locker for an easy and quick tightening with one hand.

**Knurled broaches.**



MSA	Ø	Length	Ø (D)	Kg
02.023	8 mm	114 mm		0.038
03.875-100			1.00 mm	0.002
03.875-150			1.50 mm	0.002
03.875-160			1.60 mm	0.002
03.875-200			2.00 mm	0.002
03.875-235			2.35 mm	0.002
03.875-250			2.50 mm	0.002
03.875-300			3.00 mm	0.002
03.875-400			4.00 mm	0.002



Knurled steel broach for use with P 4.5 type SCHAUBLIN chucks. Precise tightening and steady.  
Delivered without chucks.



MSA	Ø	Length	Kg
02.019	6 mm	105 mm	0.026

Knurled steel broach for manual use or mounted on a lathe. Precise tightening and steady.

Delivered with 4 easily interchangeable tightening chucks Ø 0.80, 1.00, 1.20 and 1.50 mm.

**Spare parts :**

MSA	Item	Kg
02.019-080	(1) Tightening chuck Ø 0.80 mm	0.001
02.019-100	Tightening chuck Ø 1.00 mm	0.001
02.019-120	Tightening chuck Ø 1.20 mm	0.001
02.019-150	Tightening chuck Ø 1.50 mm	0.001
02.019-A	(2) Broach	0.020

**Accessories :**

MSA	Item	Kg
02.019-060	Tightening chuck Ø 0.60 mm	0.001
02.019-200	Tightening chuck Ø 2.00 mm	0.001



MSA	Ø	Length	Kg
02.029	4.70 mm	105 mm	0.020

Knurled steel broach for use with STAR staking tools.

Delivered with 1 adjustment ring and 4 easily interchangeable tightening chucks Ø 0.80, 1.00, 1.20 and 1.50 mm.

**Spare parts :**

MSA	Item	Kg
02.019-080	(1) Tightening chuck Ø 0.80 mm	0.001
02.019-100	Tightening chuck Ø 1.00 mm	0.001
02.019-120	Tightening chuck Ø 1.20 mm	0.001
02.019-150	Tightening chuck Ø 1.50 mm	0.001
02.029-B	(2) Broach	0.015
02.029-BG	(3) Adjusting ring	0.003

**Accessories :**

MSA	Item	Kg
02.019-060	Tightening chuck Ø 0.60 mm	0.001
02.019-200	Tightening chuck Ø 2.00 mm	0.001

