



PREMIUM-WERKZEUGE



PREMIUM TOOLS



AUTO GLASS - SPECIAL TOOLS

911.1387

WIPER ARM BIT SOCKET FOR TAMPER-PROOF TORX SCREWS FOR BMW

- For tamperproof Torx
- Ideally suited to the assembly and disassembly of windscreen wiper arms
- Also ideal for setting the contact pressure, e.g. after replacing the windscreen
- Tamper-proof for the seating of the windscreen wiper bearing axle
- Chrome vanadium

Application range: BMW E31, E32, E34, E38, E39

1/2"



4,50 €

	Length mm	4-point Drive
TB80	55,0	1/2"

700.1176

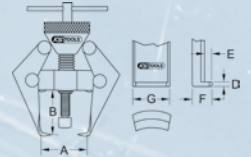
UNIVERSAL WINDSCREEN WIPER ARM PULLER 2-JAW WITH T-BAR

- Ideally suited to the protective removal of windscreen wiper arms
- With narrow socket for tight spaces
- With conical self-tensioning clamping screws for proportional tension force distribution
- Self-centring jaw puller
- Extremely robust spindle with inductively hardened thread
- Internal square drive adaptor to DIN 3120 / ISO 1174
- Special tool steel

3/8"



49,50 €

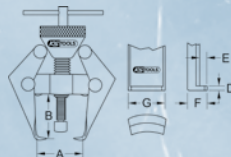


A mm	B mm	6-point mm	max t	Spindle size mm	D mm	E mm	F mm	G mm
45	37	16	1,2	M10 x 105	5	8	16	8

700.1190

UNIVERSAL POLE TERMINAL AND WIPER ARM PULLER 2-ARM PATTERN

- 2-jaw
- ideally suited for removing the battery terminal and wiper arms
- Locking handle
- With conical tension screw for proportional tension force distribution
- Self-centring jaw puller
- Extremely robust spindle with inductively hardened thread
- Special tool steel



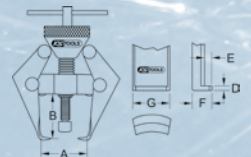
34,50 €

A mm	B mm	max t	Spindle size mm	D mm	E mm	F mm	G mm
15	32	1,2	M8 x 50	2,5	9	10,5	11

700.1179

UNIVERSAL WINDSCREEN WIPER ARM PULLER 2-JAW WITH T-BAR

- Heavy execution
- 2-jaw
- Ideally suited to the protective removal of windscreen wiper arms
- Locking handle
- With narrow socket for tight spaces
- With conical self-tensioning clamping screws for proportional tension force distribution
- Self-centring jaw puller
- Extremely robust spindle with inductively hardened thread
- Special tool steel

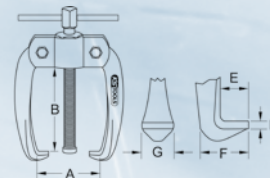


40,90 €

A mm	B mm	max t	Spindle size mm	D mm	E mm	F mm	G mm
45	37	1,2	M10 x 105	5	8	16	8

UNIVERSAL POLE TERMINAL AND WIPER ARM PULLER 2-ARM PATTERN

- 2-jaw
- ideally suited for removing the battery terminal and wiper arms
- Locking handle
- Extremely robust spindle with inductively hardened thread
- Screwed
- Sturdy hook
- Special tool steel



	A mm	B mm	max t	Spindle size mm	D mm	E mm	F mm	G mm	
700.1164	10-60	40	0,5	M10 x 60	2,6	5,5	12,8	10,0	€ 39, ⁵⁰
700.1165	10-60	60	0,5	M10 x 80	3,7	5,8	12,4	10,1	€ 39, ⁵⁰
700.1166	10-70	80	0,5	M10 x 100	4,0	9,2	16,8	14,0	€ 42, ⁹⁰

700.1185

UNIVERSAL WINDSCREEN WIPER ARM PULLER 2 ARM

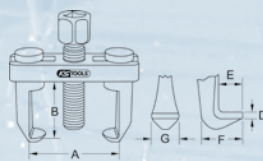
- 2-jaw
- Ideally suited to the protective removal of windscreen wiper arms
- Hollow puller spindle for damage-free support on the wiper arm shaft with washer nozzle
- Extremely robust spindle with inductively hardened thread
- Prevents damage to the bodywork and the windscreen wiper arm
- Internal square drive adaptor to DIN 3120 / ISO 1174
- Special tool steel

Application range: especially for VAG rear windscreen wiper with integrated washer nozzle

3/8"



28,⁹⁰ €



A mm	B mm	6-point mm	max t	Spindle size mm	D mm	E mm	F mm	G mm
10-60	34	17	2	M12x1,25 x 34	3	5	14	15

700.1189

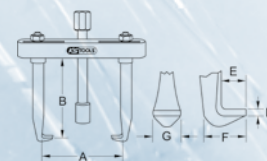
WIPER ARM PULLER 2-ARM PATTERN FOR VAG / FORD / MERCEDES

- 2-jaw
- Ideally suited to the protective removal of windscreen wiper arms
- Hollow puller spindle with brass cover for damage-free support on the wiper arm shaft with washer nozzle
- Ball bearing mounted centring point
- Extremely robust spindle with inductively hardened thread
- Spindle guidance is carried out in a moving sleeve
- Prevents damage to the bodywork and the windscreen wiper arm
- Special tool steel

Application range: especially for VAG, Ford Galaxy, Seat Alhambra, Mercedes A and B class rear windscreen wiper with integrated washer nozzle



37,⁵⁰ €



A mm	B mm	6-point mm	Spindle size mm	D mm	E mm	F mm	G mm
20-60	50	13	M10x115	4	4	9	12

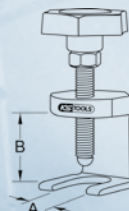
700.1193

UNIVERSAL WINDSCREEN WIPER ARM PULLER WITH PULLING YOKE

- With pulling yoke
- Ideally suited to the protective removal of windscreen wiper arms
- Pulling spindle for damage-free support to the rear wiper blades
- Extremely robust spindle with inductively hardened thread
- Prevents damage to the bodywork and the windscreen wiper arm
- With adjustment dial for manual operation
- With narrow socket for tight spaces
- Special tool steel



7,⁵⁰ €



A mm	B mm	max t	6-point mm	Spindle size mm
16	28	1	11	M8 x 45

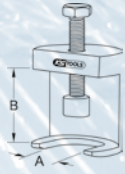
*This is an limited special price offer - only until stocks last.

All prices are ex. VAT. With the release of this leaflet all previous prices became invalid. Sold only in specialist stores. Print mistakes, errors and technical alterations excepted. Prices valid up to 30.09.2024

700.1177

UNIVERSAL WINDSHIELD WIPER ARM PULLER WITH PULL FORK

- Heavy execution
- With pulling yoke
- Ideally suited to the protective removal of windshield wiper arms
- Pulling spindle with brass cap for damage-free support on the washer arm shaft
- Extremely robust spindle with inductively hardened thread
- Spindle guidance is carried out in a moving sleeve
- Prevents damage to the bodywork and the windshield wiper arm
- With narrow socket for tight spaces
- Special tool steel



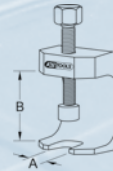
38,50 €

A mm	B mm	6-point mm	Spindle size mm
18	34	14	M8 x 23

700.1178

UNIVERSAL WINDSCREEN WIPER ARM PULLER WITH ADJUSTABLE PULLER FORK

- With adjustable pulling yoke with spring mechanism
- Ideally suited to the protective removal of windshield wiper arms
- Pulling spindle with brass cap for damage-free support on the washer arm shaft
- Extremely robust spindle with inductively hardened thread
- Spindle guidance is carried out in a moving sleeve
- Prevents damage to the bodywork and the windshield wiper arm
- With narrow socket for tight spaces
- Special tool steel



Application range: BMW 3, 5, 6, 7 and 8 series, Z4, Z8 Roadster, X5 and Rolls Royce Phantom

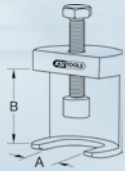
147,90 €

A mm	B mm	6-point mm	Spindle size mm
16-38	42	17	M10 x 85

700.1191

UNIVERSAL WINDSCREEN WIPER ARM PULLER WITH PULLING YOKE

- Heavy execution
- With pulling yoke
- Ideally suited to the protective removal of windshield wiper arms
- Spindle end with brass cap to prevent damage to the windshield wiper arm
- Extremely robust spindle with inductively hardened thread
- Spindle guidance is carried out in a moving sleeve
- Prevents damage to the bodywork and the windshield wiper arm
- With narrow socket for tight spaces
- Special tool steel



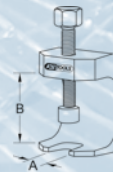
36,50 €

A mm	B mm	6-point mm	Spindle size mm
26	48	13	M8 x 75

700.1198

UNIVERSAL WINDSCREEN WIPER ARM PULLER WITH FORK

- With pulling yoke
- Ideally suited to the protective removal of windshield wiper arms
- Pulling spindle with brass cap for damage-free support on the washer arm shaft
- Extremely robust spindle with inductively hardened thread
- Spindle guidance is carried out in a moving sleeve
- Prevents damage to the bodywork and the windshield wiper arm
- With narrow socket for tight spaces
- Special tool steel



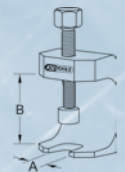
28,90 €

A mm	B mm	6-point mm	Spindle size mm
23,5	48	8	M10 x 66

700.1192

UNIVERSAL WINDSCREEN WIPER ARM PULLER WITH PULLING YOKE

- Heavy execution
- With pulling yoke
- Ideally suited to the protective removal of windshield wiper arms
- Spindle end with brass cap to prevent damage to the windshield wiper arm
- Extremely robust spindle with inductively hardened thread
- Spindle guidance is carried out in a moving sleeve
- Prevents damage to the bodywork and the windshield wiper arm
- With narrow socket for tight spaces
- Special tool steel



49,50 €

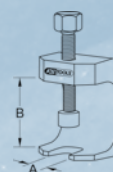
A mm	B mm	6-point mm	Spindle size mm
16	41	17	M10 x 80

700.1194

AUDI Q7 WINDSCREEN WIPER ARM PULLER WITH FORK

- With pulling yoke
- Ideally suited to the protective removal of windshield wiper arms
- Pulling spindle for damage-free support to the rear wiper blades
- Extremely robust spindle with inductively hardened thread
- Prevents damage to the bodywork and the windshield wiper arm
- With narrow and flat socket for tight spaces
- Special tool steel

Application range: Audi Q7



19,50 €

A mm	B mm	6-point mm	Spindle size mm
26,5	22	16	M10 x 1,5 x 22

700.1242

UNIVERSAL WINDSCREEN WIPER ARM PULLER SET 2/4-JAWS

- 2/4-jaws
- each with 2 extra-slim size and pairs of arms with varying width
- Ideally suited to removal of windscreen wiper arms
- Pulling spindle for damage-free support to the rear wiper blades
- Option of working with wide or narrow arms
- Ball bearing mounted centring point
- With narrow socket for tight spaces
- Prevents damage to the bodywork and the windscreen wiper arm
- External drive hexagonal socket 13.0 mm
- Special tool steel

6
pcs



75,90 €

700.1155

WINDSCREEN WIPER ARM PULLER SET

- Ideally suited to disassembly of windscreen wiper arms
- Suited for a multitude of vehicle types and car brands
- Self-stiffening or recessed built-in washer arms are quickly disassembled with this set
- Prevents damage to the bodywork and the windscreen wiper arm
- Spindle guidance is carried out in a moving sleeve
- Special tool steel
- In durable plastic storage case

6
pcs



205,50 €

700.1240

UNIVERSAL WINDSCREEN WIPER ARM PULLER SET

- Ideally suited to disassembly of windscreen wiper arms
- Includes impact hammer puller
- Universally fitting puller set suitable for approx. 450 windscreen wipers, 300 vehicles and 30 car brands
- Self-stiffening or recessed built-in washer arms are quickly disassembled with this set
- Alternatively can be used mechanically or with an impact spindle
- Prevents damage to the bodywork and the windscreen wiper arm
- Special tool steel
- In durable plastic storage case

13
pcs



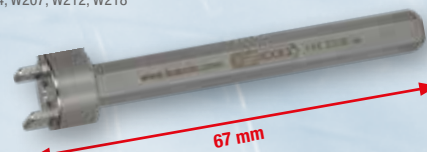
276,50 €

140.2326

WINDSCREEN NOZZLE ADJUSTING TOOL FOR MERCEDES

- From damage-free setting of fan nozzles of the windscreen washer
- Accurate profile for the interchanging of nozzle heads
- Universal usage
- External drive hexagonal socket 6 mm
- Special tool steel

Application range: Mercedes W204, W207, W212, W218

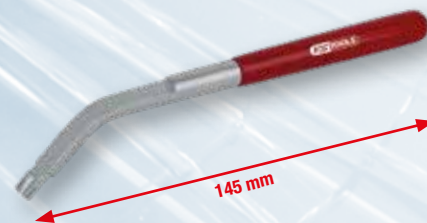


19,50 €

140.2359

WINDSCREEN NOZZLE ADJUSTING TOOL FOR OPEL

- For damage-free adjustment of flat nozzles on rear windscreens and windscreen wiper systems
- Accurate profile for the interchanging of nozzle heads
- Universal usage
- With PVC dipped handle
- Special tool steel



10,90 €

550.1022

WASHER NOZZLE CLEANING AND ADJUSTING TOOL

- Practical service tool
- With sturdy, scribe-like centre
- With narrow cleaning rod
- Ideally suited to the cleaning and adjustment of windscreen washer nozzles
- Also suited to the adjustment of headlight washer nozzles
- With mounting clip for breast pocket
- Includes protective covers
- Aluminium



7,50 €

550.1001

2IN1 TELESCOPIC MAGNETIC HOLDER WITH WASHING NOZZLE CLEANING AND ADJUSTMENT TOOL

- Load capacity to 0.5 kg
- With telescopic function
- Practical service tool
- With sturdy, scribe-like centre
- With narrow cleaning rod
- Ideally suited to the cleaning and adjustment of windscreen washer nozzles
- Also suited to the adjustment of headlight washer nozzles
- With mounting clip for breast pocket
- Includes protective covers
- Aluminium



5,90 €



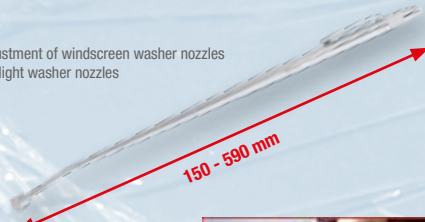
Head-Ø mm	Length mm	Load capacity in kg
8,0	150,0 - 675,0	0,5

550.1023

2IN1 TELESCOPIC MAGNETIC JACK WITH WASHING NOZZLE CLEANING AND ADJUSTMENT TOOL

- Load capacity to 2.5 kg
- With telescopic function
- With flexible magnetic head
- Practical service tool
- With sturdy, scribe-like centre
- With narrow cleaning rod
- Ideally suited to the cleaning and adjustment of windscreen washer nozzles
- Also suited to the adjustment of headlight washer nozzles
- With mounting clip for breast pocket
- Includes protective covers
- Aluminium

7,90 €



Head-Ø mm	Length mm	Load capacity in kg
11,0	150,0 - 590,0	2,5



550.1032

FLEXIBLE MAGNETIC HOLDER

- Load capacity to 200 g
- Flexible shaft
- 4 mm with a very thin magnetic seat
- One component handle

6,50 €



Head-Ø mm	Length mm	Load capacity in kg
4,0	400,0	0,2

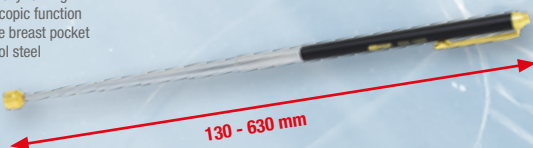


550.1000

TELESCOPIC MAGNETIC LIFTER

- Load capacity to 2 kg
- With telescopic function
- Clip for the breast pocket
- Special tool steel

11,90 €



Head-Ø mm	Length mm	Load capacity in kg
13,0	130,0 - 630,0	2

550.1004

TELESCOPIC MAGNETIC LIFTER

- Load capacity to 1.5 kg
- Magnet power raised 35% due to energy safety cap
- Stainless steel

16,50 €



Head-Ø mm	Length mm	Load capacity in kg
13,0	178,0 - 675,0	1,5

550.1002

TELESCOPIC MAGNETIC LIFTER

- Load capacity to 1.5 kg
- With telescopic function
- Magnet power raised 35% due to energy safety cap
- Stainless steel

17,50 €



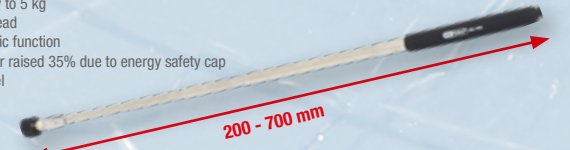
Head-Ø mm	Length mm	Load capacity in kg
18,0	178,0 - 665,0	1,5

550.1003

TELESCOPIC MAGNETIC LIFTER

- Load capacity to 5 kg
- With rotary head
- With telescopic function
- Magnet power raised 35% due to energy safety cap
- Stainless steel

18,50 €



Head-Ø mm	Length mm	Load capacity in kg
18,0	200,0 - 700,0	5

550.1010

FLEXIBLE MAGNET LIFTER

- Load capacity to 2 kg
- Detachable inner cover
- Magnet power raised 35% due to energy safety cap
- Special tool steel

49,50 €



Head-Ø mm	Length mm	Load capacity in kg
10,0	585,0	2

FLEXIBLE MAGNET LIFTER

- Flexible shaft
- Two component handle
- Special tool steel

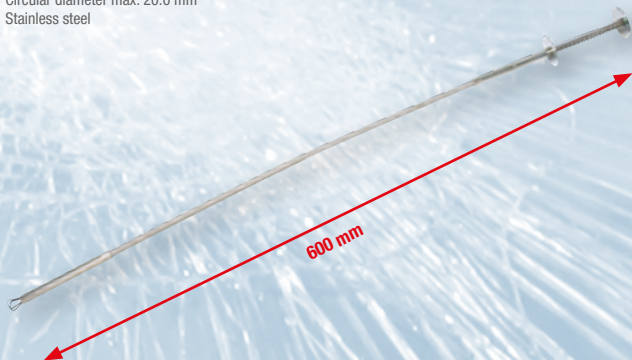


	Head-Ø mm	Load capacity in kg	Length mm	
550.1025	13,0	1	510,0	€ 10,90
550.1026	16,0	2	510,0	€ 11,90
550.1027	19,0	3	510,0	€ 12,90

550.1301

FLEXIBLE PICK UP TOOL

- Flexible
- Circular diameter max. 20.0 mm
- Stainless steel



9,90 €



Ø mm	Length mm
20	600,0

140.2321

PROFESSIONAL DASHBOARD PROTECTIVE PANEL WITH STRAIGHT EDGES, 450 X 300 MM

- Ideal for protecting the dashboard, interior trim and roof lining from damage when removing windscreen
- Protective panel with straight front edges
- Ensures clean and professional work
- For different areas
- Incorporated handle for exact placement and secure grip
- High-strength plastic



31,50 €



Length mm	Width mm
450,0	300,0

140.2323

PROFESSIONAL DASHBOARD PROTECTIVE PANEL WITH STRAIGHT EDGES, 270 X 200 MM

- Ideal for protecting the dashboard, interior trim and roof lining from damage when removing windscreen
- Protective panel with straight front edges
- Ensures clean and professional work
- For different areas
- Incorporated handle for exact placement and secure grip
- High-strength plastic



25,90 €



Length mm	Width mm
270,0	200,0

140.2322

PROFESSIONAL DASHBOARD PROTECTIVE PANEL WITH SLIGHTLY ANGLED EDGES, 450 X 300 MM

- Ideal for protecting the dashboard, interior trim and roof lining from damage when removing windscreen
- Protective panel with slightly angled front edge
- Ensures clean and professional work
- For different areas
- Incorporated handle for exact placement and secure grip
- High-strength plastic



31,50 €



Length mm	Width mm
450,0	300,0

140.2324

PROFESSIONAL DASHBOARD PROTECTIVE PANEL WITH SLIGHTLY ANGLED EDGES, 270 X 200 MM

- Ideal for protecting the dashboard, interior trim and roof lining from damage when removing windscreen
- Protective panel with slightly angled front edge
- Ensures clean and professional work
- For different areas
- Incorporated handle for exact placement and secure grip
- High-strength plastic



27,90 €



Length mm	Width mm
270,0	200,0

140.2320

PROFESSIONAL DASHBOARD PROTECTIVE PANEL SET

- Ideal for protecting the dashboard, interior trim and roof lining from damage when removing windscreen
- Each with two protective panels with straight and slightly angled front edges
- Ensures clean and professional work
- For different areas
- Incorporated handle for exact placement and secure grip
- High-strength plastic

4 pcs



82,50 €

159.1054

ERGOTORQUE^{plus}® SCREWDRIVER FOR TORX SCREWS, TAMPERPROOF

- Perfectly suited to assembly and disassembly of wing mirrors
- Two component handle
- Optimal power transmission
- Hardened blade
- Chrome finish with burnished tips
- Blade made of chrome vanadium

Application range: Mercedes W203 (C Class) and W204 (E Class)



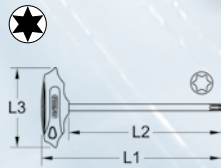
2,90 €

Dimensions	L1 mm	L2 mm	L3 mm
TB20	205,0	100,0	105,0



T-HANDLE TORX KEY WRENCH, LONG

- Extra long execution
- Two component handle
- Continuous hardened
- Matt chrome
- Special tool steel



	Dimensions	L1 mm	L2 mm	L3 mm	
158.8051	T10	403,0	373,0	80,0	€ 11,90
158.8052	T15	403,0	373,0	80,0	€ 11,90
158.8053	T20	403,0	373,0	100,0	€ 11,90
158.8054	T25	408,0	373,0	100,0	€ 11,90
158.8055	T27	408,0	373,0	100,0	€ 11,90
158.8056	T30	408,0	373,0	100,0	€ 11,90

158.8050

T-HANDLE TORX KEY WRENCH SET

- Extra long execution
- Two component handle
- Continuous hardened
- Matt chrome
- Special tool steel

6
pcs



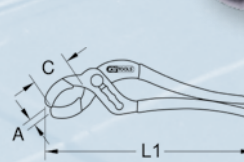
T10 - T15 - T20 - T25 - T27 - T30

79,50 €

116.1200

SIPHON PLIERS

- Ideally suited to a clean and damage-free removal of the interior mirror
- With 4 adjustable steps
- Isolated mouth for non-destructive working
- For screw fittings up to max. Ø 65 mm
- With PVC dipped handle
- For loosening pipe fittings
- Interchangeable jaw protector
- For hard to reach places
- Mirror polished
- Chrome vanadium



10,90 €

A mm	C mm	L mm	replacement jaws
20,0 - 65,0	45,0	225,0	116.1201



115.1309

INTERIOR MIRROR UNLOCKING TOOL FOR FORD

- For the correct and non-destructive disassembly of interior mirrors
- Perfect when replacing the windscreen
- Special shape
- Matt finish
- Chrome vanadium

Application range:
Ford Maverick from 2004,
Kuga from 2012, Transit from 2013,
Tourneo Connect from 2013, Mondeo
from 2014, Mustang from 2014,
C-Max from 2015, Edge from 2015 etc.



13,90 €

DOUBLE ENDED MIRROR SCREWDRIVER

- Clip for the breast pocket
- Knurled grip
- Aluminium



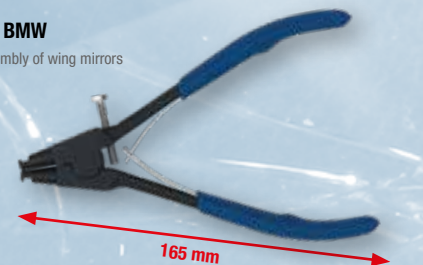
	Dimensions	Length mm	
140.2216	T15 x PH0	120,0	€ 7,50
140.2217	2,0 mm x 3/32"	120,0	€ 7,50
140.2218	T15 x T20	120,0	€ 7,50

115.1305

EXTERIOR MIRROR PLIERS FOR BMW

- Perfectly suited to assembly and disassembly of wing mirrors
- Locking jaw opening
- Adjusting screw and spring
- With PVC dipped handle
- Special tool steel

Application range:
Wing mirrors for BMW E12, E21, E24,
E28, E30, E31, E32, E34, E36, E38 and E39



49,50 €

Length mm
165,0



140.1004

MINI VACUUM SUCTION CUP

- For lifting, carrying and holding
- For flat and non-porous surfaces
- Max. 15 kg carrying capacity - perpendicular to sucker
- Solid rubber



10,90 €

Suction cup Ø in mm	Height mm
80,0	55,0



140.1005

SUCTION PAD WITH FOLDING CLAMPS

- With sturdy handle
- Creates a vacuum by folding the clamps
- For lifting, carrying and holding or flattening small dents
- For flat and non-porous surfaces
- Quick, easy and correct work on small objects
- Well-suited to transporting bulky items
- Load capacity up to 60 kg
- Special plastic



21,50 €

Suction cup Ø in mm	Height mm
118,0	40,0

140.1015

ONE HANDED MINI SUCTION CUP

- Convenient one handed operation by lever
- For lifting, carrying and holding
- Special plastic
- Quick, easy and correct work on small objects
- Well-suited to adjusting and inserting mirror glass
- Load capacity up to 8 kg
- With release button



11,90 €

Suction cup Ø in mm	Height mm	Length mm
70,0	92,0	115,0



140.2366

RAIN AND LIGHT SENSOR RELEASE TOOL

- Ideally suited to quick and easy removal of the SOR-199 sensor optic on the windscreen
- A damage-free disassembly is ensured with this tool by completely surrounding the sensor
- Once the sensor has been surrounded it is simply pulled out to the side
- By warming the windscreen from the outside, the adhesive for the sensor is easier to remove
- With rounded inner edges
- With plastic handle
- Special tool steel

16,50 €

Length mm	Width mm
200,0	80,0



140.2367

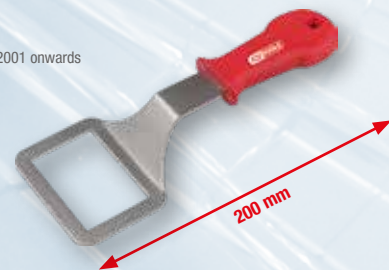
RAIN AND LIGHT SENSOR RELEASE TOOL

- Ideally suited to quick and easy removal of the SOR-193x sensor optic (all versions) on the windscreen
- A damage-free disassembly is ensured with this tool by completely surrounding the sensor
- Once the sensor has been surrounded it is simply pulled out to the side
- By warming the windscreen from the outside, the adhesive for the sensor is easier to remove
- With cornered inner edges
- With plastic handle
- Special tool steel

Application range: All BMW models from 09/2001 onwards

17,50 €

Length mm	Width mm
200,0	83,0



140.2368

RAIN AND LIGHT SENSOR RELEASE TOOL

- Ideally suited to quick and easy removal of the SOR-197x sensor optic (all versions) on the windscreen
- A damage-free disassembly is ensured with this tool by completely surrounding the sensor
- Once the sensor has been surrounded it is simply pulled out to the side
- By warming the windscreen from the outside, the adhesive for the sensor is easier to remove
- With rounded internal edges with 5 nuts
- With plastic handle
- Special tool steel

Application range: Mercedes E class, CLK from 2002 onwards, C class from 2003 onwards

18,50 €

Length mm	Width mm
230,0	83,0



140.2365

WINDSCREEN RAIN OR LIGHT SENSOR REMOVAL TOOL SET

- Ideally suited to quick and easy removal of the SOL-193x sensor optic, SOL-197x (all versions) and SOR-199 on the windscreen
- A damage-free disassembly is ensured with this tool by completely surrounding the sensor
- Once the sensor has been surrounded it is simply pulled out to the side
- By warming the windscreen from the outside, the adhesive for the sensor is easier to remove
- With plastic handle
- Special tool steel



3 pcs

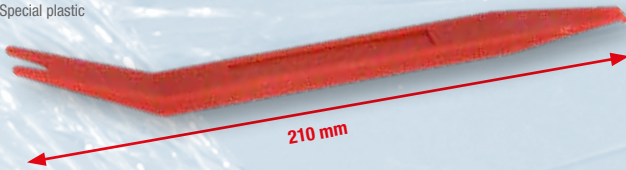


52,50 €

911.8125

STANDARD CLIP REMOVER

- With wedge shaped end
- With lifting and wedge function
- Ideal for loosening panels without damage to the paintwork
- Special plastic



4,50 €

Length mm	Width mm
210,0	20,0

911.8124

CLIP REMOVER WITH PULLING EYE

- With wedge shaped end
- Pulling eye for removal
- With 90° angled side
- Ideal for loosening panels without damage to the paintwork
- Special plastic



4,50 €

Length mm	Width mm
180,0	30,0

911.8122

TRIM REMOVAL WEDGE

- With wedge shaped end
- Narrow execution
- With 2 different levering angles
- Angled sides have a 90° and 30° angle
- Ideal for loosening panels without damage to the paintwork
- Special plastic



4,50 €

Length mm	Width mm
180,0	20,0

911.8120

PLASTIC LEVER WEDGE SET

- Ideal for loosening miscellaneous cover parts
- Practical assortment of different wedge and clip removal tools
- Slim and robust design
- Ideal for avoiding paint damage and damage-free release of interior trims, panels etc.
- For delicate work on fragile cover parts
- Special plastic

5 pcs



17,50 €

911.8123

DOUBLE CLIP REMOVER

- With wedge shaped end
- Very robust execution
- With 2 different lever angles at 75° and 30°
- Special plastic



4,50 €

Length mm	Width mm
200,0	30,0

911.8106

DUAL CLIP REMOVER, OFFSET

- Flat shaped back
- Durable design
- With straight- and sharp chisel end
- Ideal for loosening panels without damage to the paintwork
- With hanging hole
- Special plastic



4,50 €

Length mm	Width mm
200,0	30,0



911.8121

BUMPER TRIM REMOVAL WEDGE

- With wedge shaped end
- Wide execution
- With 90° angled side
- Ideal for loosening panels without damage to the paintwork
- Special plastic



4,50 €

Length mm	Width mm
160,0	60,0

911.8107

DUAL CLIP REMOVER, STRAIGHT PROFILED

- Flat shaped back
- Durable design due to straight profile
- Blunt chisel end
- Ideal for loosening panels without damage to the paintwork
- With hanging hole
- Special plastic



4,50 €

Length mm	Width mm
200,0	30,0



911.8110

DOUBLE ENDED CLIP LEVER NARROW

- Flat shaped back
- Narrow execution
- Wedge end tips pointed and chisel formed
- Ideal for loosening panels without damage to the paintwork
- With hanging hole
- Special plastic



4,50 €

Length mm	Width mm
200,0	15,0

911.8108

DOUBLE ENDED POINTED AND ROUNDED HEAD LEVER

- Flat shaped back
- Flattened and flexible radius side
- Blunt chisel side
- Ideal for loosening clips
- With hanging hole
- Special plastic



4,50 €

Length mm	Width mm
200,0	25,0



911.8109

DOUBLE ENDED SWORD AND ROUNDED HEAD LEVER

- Flat oval on the front and back side
- Both ends chisel edged formed
- Flexible
- Ideal for loosening clips
- With hanging hole
- Special plastic



4,50 €

Length mm	Width mm
200,0	20,0



911.8111

ADHESIVE WEIGHT REMOVER WITH SAW BLADE

- Ideal for protective disassembly of adhesive wheel weights on aluminium rims
- With flexible flat scraper and cutting edge
- Lever back flat side chisel form, cutting side with teeth
- Special lever for the removal of wheel weights
- Also suitable for the removal of labels, adhesive and type plates
- Surfaces are not damaged
- Sharpened with a file
- Solvent-resistant
- Special plastic



7,50 €

Length mm	Width mm
200,0	25,0



911.8210

PLASTIC WEDGE AND GLASS SCRAPER SET

- Ideal for loosening miscellaneous cover parts
- Practical range of different wedge and glass scrapers
- Slim and robust design
- Ideal for avoiding paint damage and damage-free release of interior trims, panels etc.
- For delicate work on fragile cover parts
- Special plastic

4 pcs



20,50 €

911.8105

INTERIOR PANNELLING REMOVAL TOOL SET

- Ideal for loosening miscellaneous cover parts
- Practical assortment of different wedge and clip removal tools
- Slim and robust design
- Ideal for avoiding paint damage and damage-free release of interior trims, panels etc.
- For delicate work on fragile cover parts
- With hanging hole
- Special plastic

6 pcs



26,90 €

911.8205

PLASTIC LEVER WEDGE SET

- Ideal for loosening miscellaneous cover parts
- Practical assortment of different wedge and clip removal tools
- Slim and robust design
- Ideal for avoiding paint damage and damage-free release of interior trims, panels etc.
- For delicate work on fragile cover parts
- Special plastic
- In a practical storage case

11 pcs



19,90 €

911.8141

MOULDING WEDGE WITH FELT

- With felt trimming
- For the careful assembly by pressing in trim mouldings
- The flat surface protects components
- Suitable for the aligning of car doors or to force them open
- Special plastic



10,90 €

Length mm	Width mm
250,0	20,0

911.8142

PLASTIC LEVER AND BEVELED WEDGE

- The flat surface protects components
- Ideally suited for working on trims, door panels, rubber seals etc.
- Special plastic



10,90 €

Length mm	Width mm
250,0	20,0

TRIM PLASTIC WEDGE

- Ideal for the aligning of car doors or to force them open
- The flat surface protects components
- Suitable for working on trims, door panels, rubber seals etc.
- Special plastic

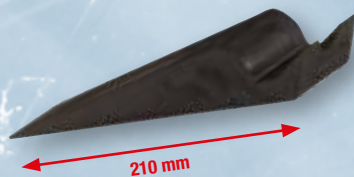


	Length mm	Width mm	
911.8138	195,0	30,0	€ 9,90
911.8139	195,0	60,0	€ 16,90

911.8140

TRIM REMOVAL COMBINATION WEDGE

- Ideally suitable for the dismantling and assembly of trims Door mouldings, door accessories etc
- Swallow tail opening 45° angled
- The flat surface protects components
- Optimal leverage with the short wedge and long lever
- Optimal usage for removal and refitting trims and mouldings cutting edges on the ends
- Special plastic



10,90 €

Length mm	Width mm
210,0	26,0



911.8160

PLASTIC LEVER WEDGE SET

- Ideal for the aligning of car doors or to force them open
- The flat surface protects components
- Suitable for working on trims, door panels, rubber seals etc.
- Impact resistant special plastic

5 pcs

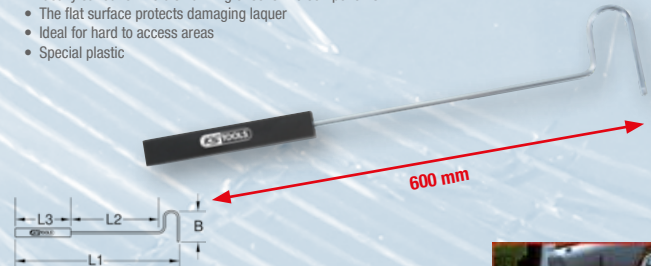


41,90 €

911.8119

REMOVAL WEDGE

- Ideally suited for the dismantling of sensitive components
- The flat surface protects damaging laquer
- Ideal for hard to access areas
- Special plastic



38,50 €

L1 mm	L2 mm	L3 mm	B mm
600,0	340,0	200,0	30,0



140.2227

UNIVERSAL STORAGE TABLE WITH ROLLERS

- Ideally suited to holding the windscreen when removing, or removing adhesive material
- Holding tube with non-slip, coated padding offer optimal grip and prevent scratches
- For nearly all windscreen sizes
- Foldable to save space during storage
- 4 substantial wheels, 2 with locking brakes
- Simple handling
- Capacity up to 100 kg
- Robust construction from steel pipe



234,50 €

Length mm	Width mm	Height mm	Pad
900,0	760,0	930,0	140.2228

140.2226

UNIVERSAL STORAGE TABLE

- Ideally suited to holding the windscreen when removing, or removing adhesive material
- Holding tube with non-slip, coated padding offer optimal grip and prevent scratches
- Fully adjustably
- For nearly all windscreen sizes
- Foldable to save space during storage
- Robust construction
- Capacity up to 80 kg
- Made from zinc coated steel tube



52,⁵⁰ €

Length mm	Width mm	Height mm	Pad
1030,0	900,0	940,0	140.2226-1



140.2225

WINDSCREEN TABLE WITH RUBBER PROTECTIVE PADS

- Ideally suited to holding the windscreen when removing, or removing adhesive material
- four movable rubber suction cups hold the disc securely in position and protect it from scratches
- Fully adjustably
- For nearly all windscreen sizes
- Foldable to save space during storage
- Robust construction
- Capacity up to 50 kg with rubber suction cup
- Capacity up to 300 kg without rubber suction cup
- Made from zinc coated steel tube



108,⁵⁰ €

Length mm	Width mm	Height mm	Suction cup Ø in mm	Rubber pad
1030,0	50,0	1040,0	125,0	140.2225-1



500.8100

UNIVERSAL TELESCOPIC-MULTI-PURPOSE TROLLEY WITH ROLLERS

- Ideally suited to bodywork restoration, in the painting area or for filing screens when removing, or applying adhesive material etc.
- Holding tube with non-slip, coated padding offer optimal grip and prevent scratches
- The multi-talented universal use, since width and height are fully adjustable and lockable
- For nearly all windscreen sizes
- Can also be used as a work bench or for carrying parts
- After use space saving folding away
- With 4 stable castors with locking brakes
- Simple handling
- Capacity up to 100 kg
- Robust construction made from square tube



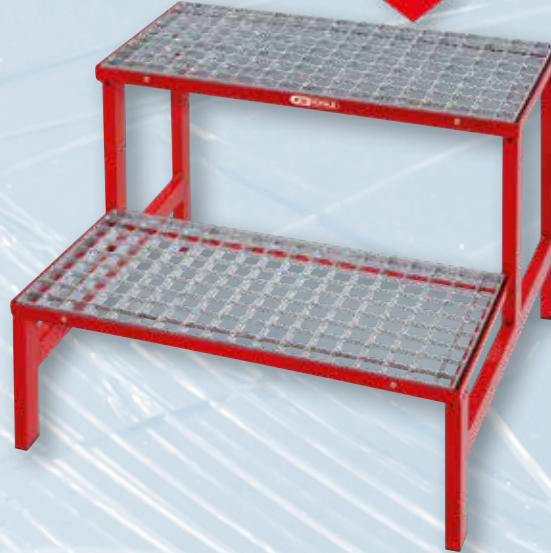
min. height mm	max. height mm	min. width mm	max. width mm	Length mm
845,0	1320,0	257,0	1380,0	860,0

179,⁹⁰ €

450.0960

SAFETY ASSEMBLY STEP

- No tipping over through obliquely placed standing feet
- Anti slip, hot dip galvanised, with the frame riveted lattice rustproof
- Step to DIN 50976
- Massive and distortion stiff steel tube construction
- Base frame plastic coated
- The gripped plastic feet protect the surface and add stability
- Applicable e.g. panel assembly, engine compartment works, roof works truck pit working
- Universal suitable in very high vehicles e.g. motor homes, small vehicles, truck and buses, terrain vehicles



Technical data:

Height 2nd step:	450,0 mm
Surface area:	690 x 620 mm
Steel grating:	590 x 290 mm
Total load capacity:	300 kg

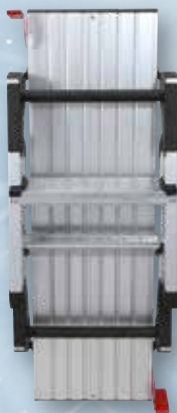
Length mm	Width mm	Height mm
620,0	690,0	450,0

248,⁵⁰ €

800.0960

ALUMINIUM WORK PLATFORM

- Skid proof profile on the platform stage
- Chequer plate profile on the steps
- No tipping over through obliquely placed standing feet
- Double-sided access
- Large platform for safe standing
- Safety clips for added security
- Beams and step made from aluminium
- Easy to store as the unit is fully collapsible
- The gripped plastic feet protect the surface and add stability
- Secure stand makes working easier
- Can be used to assemble screens, engine bay work, work on the roof, commercial vehicle pit work etc.
- Universal suitable in very high vehicles e.g. motor homes, small vehicles, truck and buses, terrain vehicles
- Heavy aluminium construction



Technical data:

Platform dimensions:	960 x 300 mm
Total load capacity:	150 kg

Length mm	Width mm	Height mm
1270,0	446,0	495,0



99,⁹⁰ €

140.2285

WINDSCREEN TRIM REMOVER

- Ideally suited to levering off trims on windcreens or other similar trims
- With flat, blade-like lever head
- With the special lever shape there is high leverage force, which easily loosens the parts to be removed
- Also suitable for the removal of screens mounted with solid rubber
- Insulated handle
- Chrome vanadium



12,90 €

140.2202

MOULD RELEASE TOOL SET

- With rubber underside to prevent damage from scratches
- For removing the clips on bonded car screens
- Ideally suited to removing double clips, which are barbed on both sides
- Can be used for all clip types that must be tightened with the windscreen
- Overall length 220.0 mm
- With hanging hole
- Insulated handle

2
pcs



18,50 €

140.2329

VENTILATION GRILLE AND CLADDING RELEASE FOR VAG

- ideal for removing ventilation grilles, interior lighting, interior panelling, etc.
- with 90° angled blade
- 1 component handle

Application range: Volkswagen Bora (>1999), Golf (>1998), Golf Plus (>2005), Jetta (>2006), Crafter (>2006), Tiguan (>2008), Passat (>2006), Scirocco (>2009), Audi A2, A3, A4, A5, A6, A8, Q5, Q7, R8

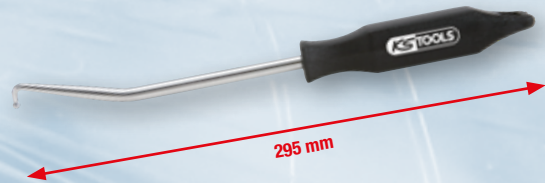


12,90 €

140.2229

GLASS HOOK WITH BALL END, EXTRA LONG

- Extra long execution
- For the dismantling and assembly of rubber sealings and trim strips
- For protective lifting or cleaning of sealings
- With hanging hole
- One component handle

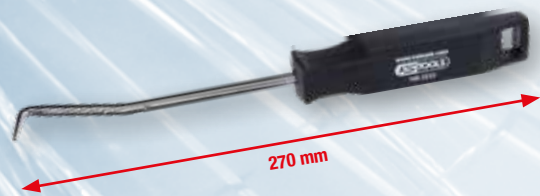


12,90 €

140.2233

GLASS HOOK WITH LONG SHAFT

- Pointed execution
- For rubber bonded vehicle windcreens
- With hanging hole
- One component handle



11,90 €

140.2235

BALL HEAD WITH SHORT SHAFT

- For rubber bonded vehicle windcreens
- With hanging hole
- One component handle

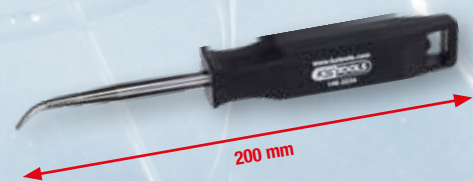


11,90 €

140.2234

GLASS HOOK WITH SHORT SHAFT

- Pointed execution
- For rubber bonded vehicle windcreens
- With hanging hole
- One component handle



11,90 €

140.2236

LOCKING STRIP INSERTION TOOL

- For non bonded vehicle windcreens
- With 6 interchangeable yoke heads
- Quick insertion of the different rubber profiles is possible
- With hanging hole
- One component handle



20,50 €

yoke heads

140.2236-1

140.2237

LOCKING TOOL

- 6 m nylon cord
- For the professional dismantling of vehicle rubbered non bonded windcreens
- With hanging hole
- One component handle



18,50 €

140.2240

WINDSCREEN INSTALLATION SET

- For problem-free assembly of front windcreens with traditional rubber seals and for inserting the
- Universal usage
- Includes inserter with 6 yoke heads for various seal profiles
- 6 m nylon cord
- Contains different tools for cleaning the internal seal profile
- Tool with hanging hole
- One component handle

5 pcs

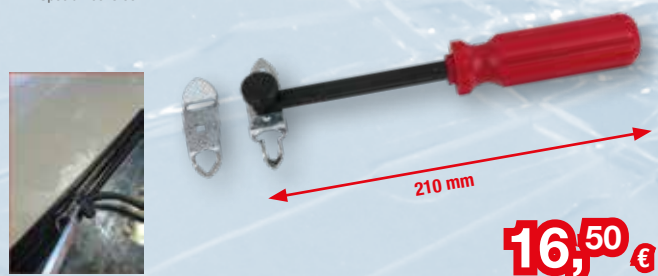


70,90 €

140.2253

SCREEN RUBBER ASSEMBLY TOOL

- Ideally suited to the introducing beading in the conventional windscreen sealant
- Not suitable for adhered screens
- Includes 2 eyelets for different bead sizes
- One component handle
- Special tool steel



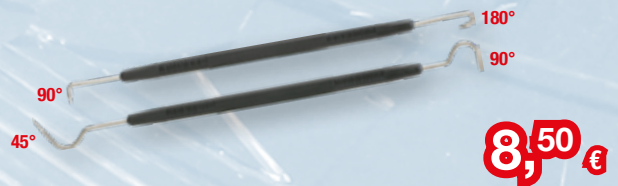
16,50 €

550.1040

HOOK TOOL SET

- Ideal for removing and use of O rings and seals
- Special tool steel

2 pcs



8,50 €

550.1080

MAGNET AND HOOK TOOL SET

- Ideal for removing and use of O rings and seals
- With telescopic magnet attachment and replaceable hook
- Storage compartment in the handle for the various attachments
- Special tool steel

6 pcs

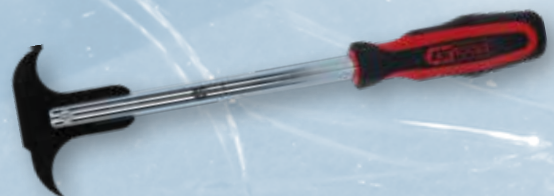


21,50 €

550.1060

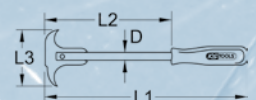
GASKET RING DISMANTLING TOOL

- sickle-shaped
- For the removal of washers
- Long durability through hardened leverage
- Universal usage
- Two component handle
- Burnished
- Chrome vanadium



19,90 €

D mm	L1 mm	L2 mm	L3 mm
12,0	300,0	195,0	85,0



550.1045

HOOK TOOL SET

- Ideal for removing and use of O rings and seals
- Two component handle
- Special tool steel

4
pcs



9,90 €

150.1685

PANEL BAG SET WITH HAND PUMP

- Universal usage for positioning, fixing and separating body parts
- Ideal for the damage-free opening of vehicle doors
- Levelling tool for the installation of door and window frames
- For separating interior trim
- Pumping via a hand pump with valve connector
- Release valve on the bellows
- Extremely high pressure power

4
pcs



64,50 €

550.1070

MASTER HOOK TOOL SET

- Ideal for removing and use of O rings and seals
- Special tool steel

9
pcs



19,90 €

LONG KNIFE FOR TRIM SEALS

- For the use with conventional trapezoid blades and hook blades
- Includes a replacement blade in the handle
- Non slip handle
- Aluminium

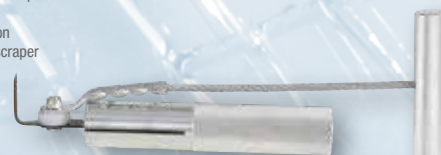


	Length mm	Replacement blade	
140.2284	230,0	907.2206	€ 18,50
140.2290	470,0	907.2206	€ 20,50
140.2291	620,0	907.2206	€ 20,50

140.2241

PULL KNIFE

- With flexible pull handle
- Ideal for the removal of adhered vehicle screens
- Also suitable for hard-to-reach places or corners
- Includes 25 mm blade
- Practical one-man operation
- Also suitable for use as a scraper
- Aluminium



20,50 €

Length mm	replacement pull handle
130,0	140.2247



116.1035

PANEL BAG WITH HAND PUMP

- Universal usage for positioning, fixing and separating body parts
- Ideal for the damage-free opening of car doors
- Levelling tool for the installation of door and window frames
- Extremely high pressure power
- Easy to pump with the hand pump
- Robust panel bag



49,50 €

Length mm	Width mm
200,0	150,0



140.2244

PULL KNIFE

- PVC dipped stop and pull handle
- With flexible pull handle
- Ideal for the removal of adhered vehicle screens
- Also suitable for hard-to-reach places or corners
- Includes 25 mm blade
- Practical one-man operation
- Also suitable for use as a scraper
- Aluminium

24,90 €

Length mm	replacement pull handle
130,0	140.2246



140.2248

PULL KNIFE WITH QUICK CHANGE SYSTEM

- PVC dipped stop and pull handle
- With flexible pull handle
- Ideal for the removal of adhered vehicle screens
- Also suitable for hard-to-reach places or corners
- Includes 25 mm blade
- Quick blade changing system with a push button
- Practical one-man operation
- Also suitable for use as a scraper
- Aluminium



50,50 €

Length mm	replacement pull handle
130,0	140.2246

STAINLESS STEEL PULL KNIFE BLADE

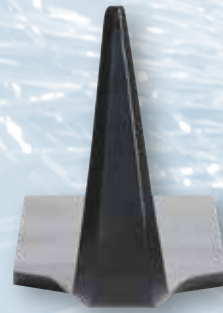
- Blade length 38 mm
- Blade tip tapered
- Extra slim design
- Stainless steel



	Content	
140.2271	1	€ 8, ⁵⁰
140.2272	6	€ 47, ⁵⁰

PULL KNIFE BLADE

- Blade length 19 mm
- Blade tip tapered
- Slim execution
- Special tool steel



	Content	
140.2273	1	€ 6, ⁵⁰
140.2274	6	€ 32, ⁵⁰

STAINLESS STEEL STANDARD PULL KNIFE BLADE

- Blade length 25 mm
- Blade in sword form
- Attachment length 13 mm
- Not for quick change system
- Stainless steel



	Content	
140.2296	1	€ 10, ⁹⁰
140.2297	6	€ 55, ⁹⁰

STAINLESS STEEL STANDARD PULL KNIFE BLADE

- Blade length 30 mm
- Blade in sword form
- Attachment length 13 mm
- Not for quick change system
- Stainless steel



	Content	
140.2298	1	€ 4, ⁵⁰
140.2299	6	€ 58, ⁹⁰

STAINLESS STEEL PULL KNIFE BLADE

- Blade length 25 mm
- Blade tip tapered
- Extra slim design
- Stainless steel



	Content	
140.2269	1	€ 7, ⁵⁰
140.2270	6	€ 44, ⁹⁰

STAINLESS STEEL PULL KNIFE BLADE

- Blade length 19 mm
- Blade tip tapered
- Extra slim design
- Stainless steel



	Content	
140.2267	1	€ 7, ⁵⁰
140.2268	6	€ 39, ⁵⁰

STANDARD PULL KNIFE BLADE

- Blade length 32 mm
- Blade in sword form
- Attachment length 13 mm
- Not for quick change system
- Special tool steel



	Content	
140.2294	1	€ 4, ⁵⁰
140.2295	6	€ 28, ⁹⁰

PULL KNIFE BLADE

- Blade length 25 mm
- Blade tip tapered
- Slim execution
- Special tool steel



	Content	
140.2275	1	€ 5, ⁵⁰
140.2276	6	€ 29, ⁹⁰

SPECIAL PULL KNIFE BLADE

- Blade length 20 mm
- Precise and easy cutting
- Newly developed toothed cutting edge
- Extremely substantial and resilient
- Precise guide on the blade and the cutting edge
- Knife blade can be repeatedly sharpened
- Ideally suited in all standard practice hand cutting knives
- High quality chrome-nickel-nirostasteel



	Content	
140.2340	1	€ 10, ⁹⁰

PULL KNIFE BLADE

- Blade length 38 mm
- Blade tip tapered
- Slim execution
- Special tool steel



	Content	
140.2277	1	€ 5, ⁵⁰
140.2278	6	€ 32, ⁵⁰

140.2238

UNIVERSAL SHARPENING STONE

- For the sharpening of pull knife blades and universal knife blades machine blades etc
- With hanging hole
- One component handle



16,⁵⁰ €

140.2210

WINDSCREEN CUTTING WIRE PULL HANDLE SET

- Cutting edge wire is attached by means of a cone in the handle
- Ergonomically designed hand grip
- One component handle

**2
pcs**



32,⁵⁰ €

STANDARD PULL KNIFE BLADE

- Blade length 25 mm
- Blade in sword form
- Attachment length 13 mm
- Not for quick change system
- Special tool steel

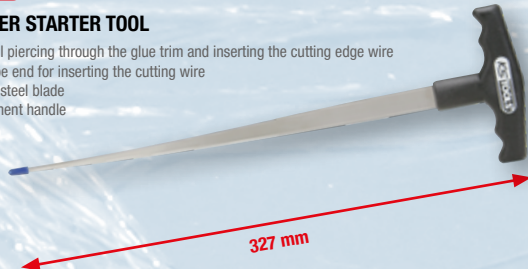


	Content	
140.2292	1	€ 6, ⁵⁰
140.2293	6	€ 35, ⁵⁰

140.2206

WIRE FEEDER STARTER TOOL

- For powerful piercing through the glue trim and inserting the cutting edge wire
- Slotted probe end for inserting the cutting wire
- With spring steel blade
- One component handle



13,90 €

140.2205

CUTTING WIRE INSERTION TOOL

- Ideal for confined spaces
- For the optimal usage against stop of the cutting edge wire in the inner area
- Ideal for particularly heavily bonded joints
- Without inner stop to reduce any chance of damage
- One component handle



13,90 €

140.2207

T-HANDLE WIRE INSERTING TOOL

- For piercing the glue trim and inserting the cutting edge wire
- With steel tube hollow needle
- Aluminium



10,90 €

140.2250

WIRE CUTTING SET WITH SQUARE CUTTING WIRE

- For cutting working
- For cutting of accessible glue pinch welds
- With steel tube hollow needle
- Ergonomically designed hand grip
- Stainless steel wire

4 pcs



62,50 €

SQUARE WINDSCREEN CUTTING WIRE

- Best cutting edge effect
- For cutting working
- Best suited to cutting through easily accessible adhesive beading
- Stainless steel wire

Ø 0,6 mm



	Ø mm	Length m	
140.2214	0,6	22,50	€ 16,50
140.2215	0,6	50,00	€ 21,50

140.2245

WIRE CUTTING SET WITH KNOTTED CUTTING WIRE

- Very flexible
- Operates like a saw
- Best suited for cutting of wide and hard glue bondings
- With steel tube hollow needle
- Ergonomically designed hand grip

4 pcs

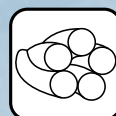


54,50 €

WINDSCREEN CUTTING WIRE, BRAIDED

- Very flexible
- Operates like a saw
- Best suited for cutting of wide and hard glue bondings in hard to access areas
- Ø 0.8 mm
- Stainless steel wire

Ø 0,8 mm



	Ø mm	Length m	
140.2211	0,8	22,50	€ 9,90
140.2212	0,8	50,00	€ 16,50

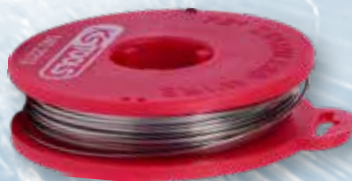
140.2213

SCREEN CUTTING WIRE, 3 POINT

- Best cutting edge effect
- For cutting working
- Best suited to cutting through easily accessible adhesive beading
- Ø 0,8 mm
- Stainless steel wire



Ø 0,8 mm



21,50 €

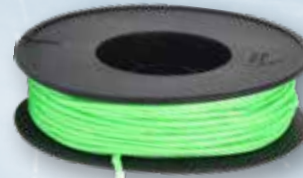
Length m
21,00

140.2309

HIGH STRENGTH POLYETHYLENE LINE (PE)

- Best cutting edge effect
- For cutting working
- Best suited to cutting through easily accessible adhesive beading
- Max. Ø 1,0 mm
- Surface is provided with a sliding layer to less resistance during cutting process
- no danger of damage of the paint or interior of the vehicle
- can be used up to 4 times
- braid construction
- Tensile force of 1.6kN = 160kg
- high strength PE fiber

Ø 1,0 mm



37,50 €

Length m
25,00

140.2360

UNIVERSAL ONE-MAN OPERATION WINDSCREEN REMOVAL DEVICE

- Universal usage
- Ideal for the correct and careful removal of adhered front windshields as well as most rear and side screens
- With large guide rollers, which require less power and minimise the danger of wire snapping
- Wire lead directly in front of the windscreen, therefore omitting the costly disassembly of trim parts in most cases
- Easy one-man operation
- Especially high-quality pump suction for secure windscreen holding
- Suction power per disc up to 110 kg
- Moveable suction disk also for heavily cambered screens
- In durable plastic storage case

5
pcs



816,50 €

140.1040

WINDSCREEN DISMANTLING SET

- Ideal for the correct disassembly of adhered front windshields as well as most rear and side screens
- The set contains everything needed to remove adhered screens
- Easy operation
- In durable plastic storage case

8
pcs



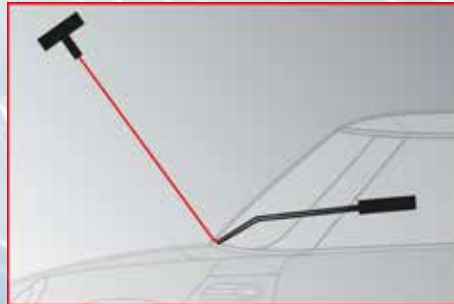
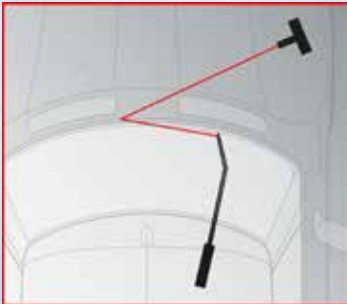
132,90 €

140.1065

WINDSCREEN REPAIR KIT

- Ideal for the correct disassembly of adhered front windscreens as well as most rear and side screens
- The set contains everything needed to remove adhered screens
- Includes suction cup and trim
- Easy operation
- In durable plastic storage case

13
 pcs



422,⁹⁰ €

515.5451

PNEUMATIC OSCILLATING CUTTER

- Angled design
- Air exhaust through the handle
- For one handed operation with ergonomic design
- For the professional dismantling of vehicle discs
- Universal blade reception for all standard blades
- Stepless speed regulation
- Cold insulated handle
- Includes 1/4" coupling connector and blade changing spanner
- Ultra light robust housing special plastic



Technical data:

Oscillating speed:	20000
No load current:	20000 r.p.m.
Vibration acceleration:	< 14,8 m/s ²
Noise performance level:	103,7 dbA
Noise pressure level:	92,7 dbA
Air consumption:	350 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"NPT

190,⁵⁰ €

CUTTING / SCRAPER BLADES

- For the pneumatic oscillating cutter
- Special tool steel



A **B** **C** **D** **E**

140.2252	A	Scraping blade offset, width 16mm	€ 21, ⁵⁰
140.2255	B	Cutting blade straight, offset, 50mm	€ 21, ⁵⁰
140.2256	C	Cutting blade straight, offset, 90mm	€ 29, ⁹⁰
140.2261	D	Cutting blade angled, offset, depth 55mm	€ 21, ⁵⁰
140.2263	E	Cutting blade straight, depth 35mm	€ 21, ⁵⁰

CUTTING / SCRAPER BLADES

- For the pneumatic oscillating cutter
- Special tool steel



A **B** **C** **D** **E**

515.5093	A	Scraper blade, curved, offset, blade length 18mm	€ 29, ⁹⁰
515.5094	B	Scraper blade, curved, offset, blade length 36mm	€ 34, ⁵⁰
515.5095	C	Scraper blade, curved, offset, blade length 63mm	€ 39, ⁹⁰
515.5096	D	Scraper blade, curved, offset, blade length 90mm	€ 46, ⁵⁰
515.5097	E	Scraper blade, curved, straight, blade length 24 mm	€ 34, ⁵⁰

515.5450

PNEUMATIC OSCILLATING CUTTER SET

- Angled design
- Air exhaust through the handle
- For one handed operation with ergonomic design
- For the professional dismantling of vehicle discs
- Universal blade reception for all standard blades
- Stepless speed regulation
- Cold insulated handle
- Includes 1/4" coupling connector and blade changing spanner
- Ultra light robust housing special plastic
- In durable plastic storage case



Technical data:

Oscillating speed:	20000
No load current:	20000 r.p.m.
Vibration acceleration:	< 14,8 m/s ²
Noise performance level:	103,7 dbA
Noise pressure level:	92,7 dbA
Air consumption:	350 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"NPT

235,⁵⁰ €

140.1060

SUCTION HOLDER SET

- Plastic-coated steel cable with PVC suction cups
- For fixing side windows during work to and on the doors
- Secures freshly adhered windows against slipping
- With suction cups and steel band for optimal hold
- Easy to operate



2
pcs

10,⁹⁰ €

140.1020

TRIM AND WINDOW MOUNTING SET

- For fixing and holding trims, emblems and windscreen mountings
- Wide side can also be used as a scraper or lever
- With suction cup
- Quick and easy mounting
- Simple to remove by lifting the tab
- Dosing of the contact pressure with the wing nut

6
pcs



Ø 85 mm

32,⁵⁰ €

140.1008

DOUBLE SUCTION CUP

- With sturdy handle
- The suckers fit to every flat surface and are easy to use with two quick release handles
- Ideal for cambered car windows
- For lifting, carrying and holding
- Suitable for all materials with gas-tight surfaces
- All metal parts made from rust-free steel, making use in swimming pools, outdoor construction sites or in coastal areas possible
- Quick, simple and correct work
- Well-suited to transporting bulky items
- Load capacity up to 80 kg
- Special plastic



Ø 150 mm

97,⁵⁰ €

Suction cup Ø in mm	Load capacity in Kg
150,0	80,0

140.1010

DOUBLE SUCTION CUP SET

- With sturdy handle
- The suckers fit to every flat surface and are easy to use with two quick release handles
- Ideal for cambered car windows
- For lifting, carrying and holding
- For flat and non-porous surfaces
- Quick, simple and correct work
- Well-suited to transporting bulky items
- Load capacity up to 80 kg
- Ratchet belt for fixing the freshly adhered car windscreen
- Special plastic

**3
pcs**



Ø 120 mm

99,50 €

Suction cup Ø in mm	Load capacity in kg
120,0	80



140.1007

THREE WAY SUCTION HOLDER

- With sturdy handle
- The three suckers fit to every flat surface and are easy to use with two quick release handles
- Ideal for cambered car windows
- For lifting, carrying and moving large parts
- For flat and non-porous surfaces
- Quick, simple and correct work
- Well-suited to transporting bulky items
- Load capacity up to 120 kg
- Special plastic



Ø 120 mm

55,90 €

Suction cup Ø in mm	Load capacity in kg
120,0	120,0

140.2530

ROCKFALL REPAIR SET

- Ideal for repairing rock fall in the windscreen
- minimises the occurrence of cracks
- no UV lamp is required
- suitable for several repairs
- including artificial resin and curing strips

**15
pcs**



20,50 €

515.5590

SLIMPOWER MINI-PNEUMATIC BURNISHER

- Angled design
- Air exhaust through the handle
- For one hand operation
- Ideal for curved cutting
- For working in hard to access areas
- Stepless speed regulation
- Vibration dampened
- Very compact construction
- Receiver: External thread
- Includes 3 Velcro receivers
- Includes 1/4" coupling connector
- Robust housing



Technical data:

Capacity:	186 Watt
No load current:	5000 r.p.m.
Sponge diameter:	50 + 75 mm
Polishing sponge diameter:	46 mm
Vibration acceleration:	< 3,3 m/s ²
Noise performance level:	96,9 dbA
Noise pressure level:	85,9 dbA
Air consumption:	240 l/min
Min. tube diameter:	3/8" - 10 mm
Operating pressure:	max. 6,3 bar (90 psi)



223,90 €

140.1009

QUADRUPLE SUCTION PAD WITH MOVABLE SUCKERS

- Ideally suited to the assembly and disassembly of large front windscreens
- The four suckers with a handy vacuum pump allow for a secure fit on every flat surface.
- Ideal for cambered car windows
- For lifting, carrying and moving large parts
- For flat and non-porous surfaces
- Quick, simple and correct work
- Well-suited to transporting bulky items
- Load capacity up to 100 kg
- Special plastic
- Aluminium frame

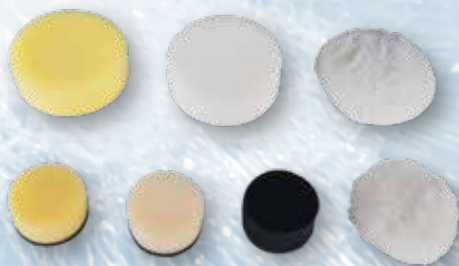


Length mm	Height mm	Suction cup Ø in mm	Load capacity in kg
1310,0	280,0	150,0	100

654,90 €

BURNISHING PADS

- For burnishing of smooth surfaces



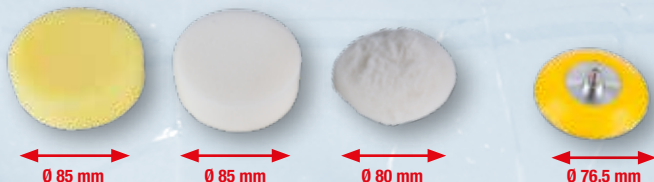
	Ø mm	Material	Colour	Content	
515.5126	50,0	plastic	yellow	5	€ 16, ⁵⁰
515.5122	85,0	plastic	yellow	5	€ 79, ⁵⁰
515.5127	50,0	plastic	white	5	€ 16, ⁵⁰
515.5123	85,0	plastic	white	5	€ 79, ⁵⁰
515.5128	50,0	plastic	black	5	€ 16, ⁵⁰
515.5129	50,0	leather		5	€ 21, ⁵⁰
515.5124	80,0	leather		5	€ 66, ⁵⁰

515.5120

MINI PNEUMATIC BURNISHER SET

- For hard to reach places and improvement work
- With non slip soft grip handle
- Angled design
- Air exhaust through the handle
- For one hand operation
- Ideal for curved cutting
- For working in hard to access areas
- Vibration dampened
- Very compact construction
- Grinding disc with Velcro
- Includes 1/4" coupling connector
- Receiver: Internal thread
- Robust housing
- In durable plastic storage case

5 pcs



Technical data:

No load current:	2500 r.p.m.
Vibration acceleration:	< 0,77 m/s ²
Noise performance level:	94 dbA
Noise pressure level:	81 dbA
Air consumption:	113 l/min
Operating pressure:	max. 5,2 bar
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"

175,⁵⁰ €

907.2240

SCRAPER

- Ideal for removing of stickers, seal and glue residues
- With easily interchangeable and retractable blades
- With reinforcement eyelet
- Scraper blade retractable via spline end for protection
- With metal housing



3,⁹⁰ €

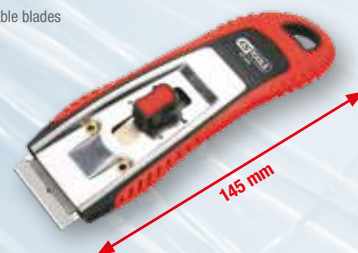
Length mm	Width mm	Replacement blade
110,0	39,0	911.8127



907.2242

SCRAPER

- With easily interchangeable and retractable blades
- With reinforcement eyelet
- With metal housing
- Two component handle



4,⁹⁰ €

Length mm	Width mm	Replacement blade
145,0	40,0	911.8127



911.8127

REPLACEMENT SCRAPER BLADES

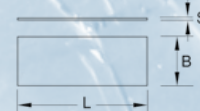
- For all standard scrapers
- SK steel
- In a carton

Application range: for the removal of labels on bumpers, front windscreens etc.



3,⁵⁰ €

Content	L mm	B mm	S mm
5	40,0	19,5	0,29



911.8128

REPLACEMENT PLASTIC SCRAPER BLADES

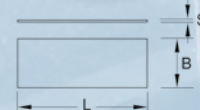
- For all standard scrapers
- Particularly gentle on materials, since no scratches can be made
- Dual-sided adjustment
- Plastic
- In a carton

Application range: for the removal of labels on bumpers, front windscreens etc.



4,⁵⁰ €

Content	L mm	B mm	S mm
10	40,0	18,5	1,10



907.2200

KNIFE SCRAPER SET

- Ideal for removing of stickers, seal and glue residues
- Simple blade change by loosening the knurled thumb screw on the chuck
- Practical storage system for changeable blades
- Suitable for many different application due to the wide range of blades
- Scraper with two component handle
- Professional universal knife with aluminium housing
- In durable plastic storage case

Spare blades: 907.2202, 907.2203, 907.2204, 907.2205, 907.2206



5x 12 mm

5x 16 mm

5x 53°/16 mm

5x 20 mm



19,90 €

27
pcs

SPARE BLADES



	Width mm	Form	Content	
907.2202	12,0	straight	10	€ 2,50
907.2203	16,0	straight	10	€ 2,50
907.2204	16,0	53° angled	10	€ 3,50
907.2205	20,0	straight	10	€ 2,50
907.2206	19,0	torpedo form	10	€ 2,50

GLASSFIBRE CHISEL

- For paint preserving removal of ornament and window strips and wheel weights on aluminium rims
- With impact cap for light impacts
- Special shape of the bit handle ensures safe work
- With flexible flat scraper and cutting edge
- Also suitable for the removal of labels, adhesive and type plates
- Surfaces are not damaged
- Sharpened with a file
- Solvent-resistant
- Special plastic



	Width of blade mm	
911.8131	19,0	€ 9,90
911.8132	22,0	€ 9,90
911.8133	25,0	€ 10,90
911.8134	38,0	€ 11,90

907.2145

PROFESSIONAL UNIVERSAL KNIFE

- For right and left handed use
- With reinforcement eyelet
- Trapezoid blade
- With 0,6 mm strong trapezoid blades
- With integrated foil and paper cutter
- Aluminium housing
- Two component handle



10,90 €

907.2201

2 COMPONENT SCRAPER HANDLE

- Ideal for removing of stickers, seal and glue residues
- Simple blade change by loosening the knurled thumb screw on the chuck
- Scraper with two component handle



8,50 €

911.8130

GLASSFIBRE CHISEL SET

- For paint preserving removal of ornament and window strips and wheel weights on aluminium rims
- With impact cap for light impacts
- Special shape of the bit handle ensures safe work
- With flexible flat scraper and cutting edge
- Also suitable for the removal of labels, adhesive and type plates
- Surfaces are not damaged
- Sharpened with a file
- Solvent-resistant
- Special plastic

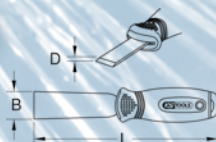
4
pcs



34,50 €

STAINLESS STEEL CHISEL SCRAPER

- Ideal for removing of stickers, seal and glue residues
- Also suitable for the removal and chiselling of plates or welding spots
- Continuous stainless steel blade that can be re sharpened
- With reinforcement eyelet
- With hammer cap on the handle
- With ergonomic moulded two component handle
- Suitable for use at extremely low temperatures
- Extreme resistance to intergranular corrosion and oxidation
- Extremely long service life
- Autoclavable (heating of the tools to over 100°C to kill germs)
- Rust-proof and acid resistant
- Stainless steel



	B mm	D mm	L mm	
907.2213	20,0	1,2	176,0	€ 8, ⁹⁰
907.2211	32,0	1,2	230,0	€ 8, ⁹⁰
907.2214	20,0	2,5	176,0	€ 9, ⁹⁰
907.2212	32,0	2,5	230,0	€ 9, ⁹⁰

907.2210

STAINLESS STEEL CHISEL SCRAPER SET

- Ideal for removing of stickers, seal and glue residues
- Also suitable for the removal and chiselling of plates or welding spots
- Continuous stainless steel blade that can be re sharpened
- With reinforcement eyelet
- With hammer cap on the handle
- With ergonomic moulded two component handle
- Suitable for use at extremely low temperatures
- Extreme resistance to intergranular corrosion and oxidation
- Extremely long service life
- Autoclavable (heating of the tools to over 100°C to kill germs)
- Rust-proof and acid resistant
- Stainless steel

4 pcs

20 x 176 - 32 x 176 - 20 x 230 - 32 x 230 mm



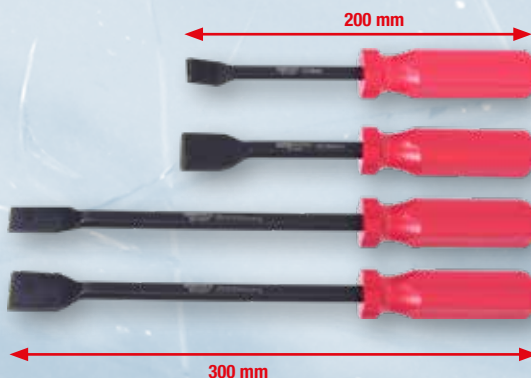
34,⁵⁰ €

907.2230

GASKET SCRAPER SET

- Ideal for removing of stickers, seal and glue residues
- Blades can be re-sharpened
- Blade 10° angled
- Extra long execution for reaching inaccessible areas
- For removing extremely stubborn gaskets and seals
- With ergonomic moulded one component handle

12,5 x 200 - 25 x 200 - 12,5 x 300 - 25 x 300 mm



4 pcs

59,⁹⁰ €

PINCH WELD SCRAPER

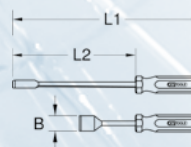
- Ideal for removing of stickers, seal and glue residues
- With interchangeable spring steel blade
- Working length max. 115 mm
- Aluminium handle



	B mm	L mm	Replacement scrapers	
140.2282	13,0	240,0	140.2283	€ 13, ⁹⁰
140.2286	16,0	240,0	140.2287	€ 12, ⁹⁰
140.2288	19,0	240,0	140.2289	€ 13, ⁹⁰

GASKET SCRAPER

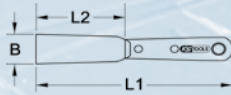
- Ideal for removing of stickers, seal and glue residues
- Blades can be re-sharpened
- Blade 10° angled
- Extra long execution for reaching inaccessible areas
- For removing extremely stubborn gaskets and seals
- With ergonomic moulded one component handle



	B mm	L1 mm	L2 mm	
907.2231	12,5	200,0	100,0	€ 13, ⁹⁰
907.2233	12,5	300,0	200,0	€ 14, ⁹⁰
907.2232	25,0	200,0	100,0	€ 13, ⁹⁰
907.2234	25,0	300,0	200,0	€ 14, ⁹⁰

CHISEL SCRAPER

- Ideal for removing stickers, seal and glue residues
- Also for removing extremely stubborn impurities and seal residue
- Blade 10° angled
- Blades can be re-sharpened
- Rust-proof and acid resistant
- Wooden handle



	B mm	L1 mm	L2 mm	
907.2266	15,0	175,0	50,0	€ 12, ⁹⁰
907.2267	20,0	185,0	60,0	€ 12, ⁹⁰
907.2268	30,0	190,0	65,0	€ 16, ⁵⁰

907.2280

GASKET SCRAPER SET

- For removing seal residue, e.g. cylinder head seals
- With replacement blade
- Extra long execution for reaching inaccessible areas
- Angled blade head
- With ergonomic moulded two component handle
- Special tool steel

2
pcs



21,⁵⁰ €

907.2270

CHISEL SCRAPER SET

- Ideal for removing stickers, seal and glue residues
- Also for removing extremely stubborn impurities and seal residue
- Blade 10° angled
- Blades can be re-sharpened
- Rust-proof and acid resistant
- Wooden handle

3
pcs



15 x 175 - 20 x 185 - 30 x 190 mm

40,⁹⁰ €

907.2285

SCRAPER BLADES

- 5 replacement blades for seal scraper 907.2280
- For removing seal residue, e.g. cylinder head seals
- For angled blade head
- Special tool steel



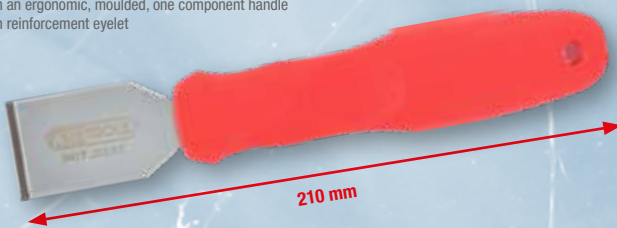
16,⁵⁰ €

Content	Length mm	Width mm	Height mm
5	22,0	12,0	21,0

907.2237

CARBIDE SCRAPER

- ideal for removing stubborn impurities, sealant residues and surface treatment
- for burnt on pads on the exhaust, brakes etc.
- with a very hard-wearing carbide cutting element
- a solid blade with two scraping edges
- Extremely long service life
- works as a compression and a pulling blade
- With an ergonomic, moulded, one component handle
- With reinforcement eyelet



60,⁹⁰ €

980.1080

HAND GUN FOR DOUBLE CARTRIDGES

- For two component adhesives
- For gluing front windscreens as well as most rear and side windows
- Also suitable for double cartridge systems with epoxy hardeners
- Exact dosing
- Cornered cartridge seating
- Robust metal execution



37,⁵⁰ €

980.3000

HAND CARTRIDGE GUN

- For working with cartridges and soft packs
- Quick and easy cartridge replacement
- For gluing front windscreens as well as most rear and side windows
- Can also be used for bodywork sealant, seam adhesive etc.
- With a sturdy aluminium cylinder
- Plastic housing
- Robust end part

600 ml



28,90 €

Length mm	Height mm	Capacity of the unit	Replacement nozzle
480,0	210,0	600 ml	980.1001

980.1000

HAND CARTRIDGE GUN

- For working with cartridges and soft packs
- Quick and easy cartridge replacement
- For gluing front windscreens as well as most rear and side windows
- Can also be used for bodywork sealant, seam adhesive etc.
- With a sturdy aluminium cylinder
- Plastic housing
- Robust end part

310 ml



19,50 €

Length mm	Height mm	Capacity of the unit	Replacement nozzle
340,0	210,0	310 ml	980.1001



980.3050

RODLESS CARTRIDGE GUN 310 ML

- No protruding push rod and therefore very suitable for confined working environments
- For working with cartridges
- Quick and easy cartridge replacement
- For gluing front windscreens as well as most rear and side windows
- Can also be used for bodywork sealant, seam adhesive etc.
- Centralised grip for optimal load distribution
- With integrated steel spring band
- Includes level indicator display
- With belt connector
- Metal cartridge holder
- Soft grip handle

310 ml



53,50 €

Length mm	Height mm	Capacity of the unit
340,0	200,0	310 ml



CORDLESS CARTRIDGE GUN 310 ML

- Handy and ergonomic dual component housing
- Ideal for glue, silicone or acrylic based cartridges
- For gluing front windscreens as well as most rear and side windows
- Can also be used for bodywork sealant, seam adhesive etc.
- Drip-free mechanism
- Step-free controllable feed
- Carbon brushes interchangeable
- High performance lithium-ion battery
- Processing capacity per battery charge at ~ 20 °C, up to 15 cartridges
- Longer running time through higher load capacity
- Fast charging function (1 hour)
- Automatic turn off charging station
- With a sturdy aluminium cylinder
- Blow mould plastic housing
- In durable plastic storage case

310 ml



Technical data:

Capacity of the unit:	310 ml
Electrical Voltage:	10,8 V
Propulsion without load:	6,1 mm / sec
Output pressure:	392 kgf
Charging time:	1 hour
Battery capacity:	2.0 Ah

	Replacement carbon brush	Rechargeable battery	Number of batteries	Number of chargers	
515.3569	515.3595	515.3592	0	0	€ 348,90
515.3570	515.3595	515.3592	1	1	€ 676,50
515.3571	515.3595	515.3592	2	1	€ 543,50

CORDLESS CARTRIDGE GUN 400 ML

- Handy and ergonomic dual component housing
- Ideal for glue, silicone or acrylic based cartridges
- For gluing front windscreens as well as most rear and side windows
- Can also be used for bodywork sealant, seam adhesive etc.
- Drip-free mechanism
- Step-free controllable feed
- Carbon brushes interchangeable
- High performance lithium-ion battery
- Processing capacity per battery charge at ~ 20 °C, up to 15 cartridges
- Longer running time through higher load capacity
- Fast charging function (1 hour)
- Automatic turn off charging station
- With a sturdy aluminium cylinder
- Blow mould plastic housing
- In durable plastic storage case

Technical data:

Capacity of the unit:	400 ml
Electrical Voltage:	10,8 V
Propulsion without load:	6,1 mm / sec
Output pressure:	392 kgf
Charging time:	1 hour
Battery capacity:	2.0 Ah

400 ml



	Replacement carbon brush	Rechargeable battery	Number of batteries	Number of chargers	
515.3574	515.3596	515.3592	0	0	€ 279, ⁵⁰
515.3575	515.3596	515.3592	1	1	€ 464, ⁵⁰
515.3576	515.3596	515.3592	2	1	€ 544, ⁹⁰

CORDLESS CARTRIDGE GUN 600 ML

- Handy and ergonomic dual component housing
- Ideal for glue, silicone or acrylic based cartridges
- For gluing front windscreens as well as most rear and side windows
- Can also be used for bodywork sealant, seam adhesive etc.
- Drip-free mechanism
- Step-free controllable feed
- Carbon brushes interchangeable
- High performance lithium-ion battery
- Processing capacity per battery charge at ~ 20 °C, up to 15 cartridges
- Longer running time through higher load capacity
- Fast charging function (1 hour)
- Automatic turn off charging station
- With a sturdy aluminium cylinder
- Blow mould plastic housing
- In durable plastic storage case

Technical data:

Capacity of the unit:	600 ml
Electrical Voltage:	10,8 V
Propulsion without load:	6,1 mm / sec
Output pressure:	392 kgf
Charging time:	1 hour
Battery capacity:	2.0 Ah

600 ml



	Replacement carbon brush	Rechargeable battery	Number of batteries	Number of chargers	
515.3579	515.3595	515.3592	0	0	€ 360, ⁵⁰
515.3580	515.3595	515.3592	1	1	€ 511, ⁵⁰
515.3581	515.3595	515.3592	2	1	€ 590, ⁹⁰

515.1975

PNEUMATIC CARTRIDGE PISTOLS 310 ML

- For working with cartridges and soft packs
- Ideal for glue, silicone or acrylic based cartridges
- For gluing front windscreens as well as most rear and side windows
- Can also be used for bodywork sealant, seam adhesive etc.
- Perfect run in the cartridge cylinder with the telescopic principle and therefore no cylinder tipping or air intake
- Drip-free mechanism
- Step-free controllable feed
- With two adapters for cartridges and bags
- With safety pressure release valve
- Includes pneumatic regulator for discharge speed
- Handy and ergonomic dual component housing
- Aluminium housing
- Plastic handle



310 ml



Technical data:

Capacity of the unit:	310 ml
Compressive force:	90
Operating pressure:	max. 6,3 bar (90psi)
Max. flow rate:	40 l/min
Noise pressure level:	70 dbA
Connection thread:	1/4"PT
Replacement nozzle:	980.1001

157,⁵⁰ €

515.1985

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- Aluminium housing
- Plastic handle



600 ml



Technical data:

Capacity of the unit:	600 ml
Compressive force:	90
Operating pressure:	max. 6,3 kg/cm ² (90psi)
Max. flow rate:	40 l/min
Noise pressure level:	70 dbA
Connection thread:	1/4"PT
Replacement nozzle:	980.1001

200,⁵⁰ €

911.8116

PLASTIC ASSEMBLY SPATULA FLAT/ROUND

- Universal usage
- For careful assembly and disassembly
- For lifting and adjusting rubber gaskets
- Optimal removal of glue residue
- Special plastic

3,50 €

Length mm	Width mm
200,0	17,0



911.8117

PLASTIC ASSEMBLY SPATULA ROUND/ROUND

- Universal usage
- For careful assembly and disassembly
- For lifting and adjusting rubber gaskets
- Optimal removal of glue residue
- Special plastic

3,50 €

Length mm	Width mm
200,0	17,0



140.2327

CLAMPING DEVICE FOR GAS PRESSURE SHOCK ABSORBERS

- ideally suited for clamping weak or defective gas pressure dampers
- can be used on bonnets or boots
- for gas pressure shock absorbers up to 30 mm piston rod diameter
- Aluminium



80 mm

19,50 €

140.2199

TELESCOPIC ENGINE COMPARTMENT AND TAIL GATE SUPPORTS

- Ideal for working on the engine compartment or tail gate, e.g. when replacing the dampers
- Tail gate can be locked into any position required
- Infinitely variable
- With practical fastening mechanism
- Special tool steel



650 - 1500 mm



72,90 €

140.2178

TELESCOPIC ENGINE COMPARTMENT AND TAIL GATE SUPPORTS

- Ideally for supporting the engine compartment or tail gate
- Also suitable for blocking the pedals
- Rubber surfaces protect against scratches
- Allows for a constant brake pressure over a longer time
- Infinitely adjustable



640 - 1090 mm



72,90 €

150.1570

PANNEL GAP GAUGE SET

- For the adaptation and installation of car windows and body parts
- Adaptation to body due to pivoting, ball-bearing construction
- The gap gauge can be adjusted 3-dimensionally and can be easily positioned according to the respective requirements
- The 10 spacer plates allow a precise determination of the gap dimension
- Original size can be removed from an undamaged side with gauge beforehand
- No damage or scratching of already painted parts
- With mounting suction cup
- With flexible gooseneck
- Plastic

3 pcs



62,50 €

Length mm	Width mm	Height mm
110,0	20,0	45,0



150.1690

ULTRASOUND LEAK DETECTOR

- Acoustic locating of leaks on bodywork
- Receiver is passed externally along the bodywork
- Simplifies cause investigation for wind noise and water leaks
- In a practical storage case



193,90 €

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