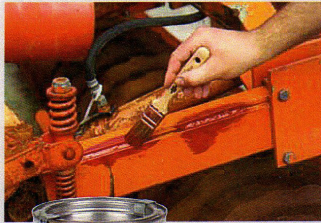


## RUST-STOP PRIMER

Brushable, active corrosion protection for metallic surfaces.



### Properties:

Provides long-lasting protection against corrosion and sub-surface rusting.

### Applications:

Vehicle construction, ship building, metal and steel construction, tool manufacturing, bridge building, tank construction, pipeline construction, container construction, agriculture and forestry, municipal management, construction machines etc.

### Use:

The application surface must be clean, dry and grease-free. Remove dissolved rust, paint and dirt with a wire brush, scraper etc. Stir material well before use. Apply two thick coatings approx. 1 hour apart.

Designation	Color	Cont. in ml	Art. No.	P. Qty.
Rust-Stop Primer	red brown	750	0890 191	1/6

## RUST CONVERTER

Dispersion-based, environmentally friendly rust converter.



### Properties:

Reliably stops the corrosion process and offers an optimized application surface for additional painting work. Rust converter penetrates into the rust, reacts with the rust and converts iron oxide into a stable, insoluble, blue-black, metallo-organic complex.

### Use:

The application surface must be clean, dry and grease-free. Remove dissolved rust, paint and dirt with a wire brush, scraper etc. Apply even, thin coating with brush or roller. Avoid runs. Paint over within 48 hours. Comply with reaction time. Mask off surfaces not to be treated.

### Note:

Do not wash off treated surfaces with water. Immediately wash rust converter off painted surfaces. Do not use in direct sunlight, on hot surfaces over +40°C and when there is a danger of frost. Protect from frost. Clean device with water after use.

Designation	Color	Cont. in ml	Art. No.	P. Qty.
Rust Converter	creme	1000	0893 110	1/12

This information is only a recommendation based on our experience. Preliminary testing required! During use and overpainting, both the Technical Data Sheet and the specifications of the top-coat paint manufacturer must be observed.

▶ **Excellent corrosion protection** (approx. 500 hours according to DIN 53167).

#### Your advantage:

- Resistant to water, sea water and many chemicals.

▶ **Quick drying.**

#### Your advantages:

- Processed materials can be used and transported quickly.
- Excellently suited as transport coating in steel construction.

▶ **Suitable for painting over.**

▶ **Thermally stable up to +120°C for short periods.**

▶ **VOC\*-conformant.**

#### Your advantages:

- Solvent-reduced.
- Complies with the VOC maximum content specified in the VOC Directive (1999/13/EC).

\* Volatile Organic Compound

▶ **Suitable for painting over.**

#### Your advantage:

- Can be painted over with all common top-coating paints after 3 hours.

▶ **Suitable for filler coating.**

▶ **Environmentally friendly, as dispersion-based.**

▶ **Safety product.**

#### Your advantage:

- Reduced danger potential at workplace.



! **Silicone Remover, 600 ml Spray**  
**Art. No. 0893 222 600**  
 P. Qty. 6

## UBS Gun

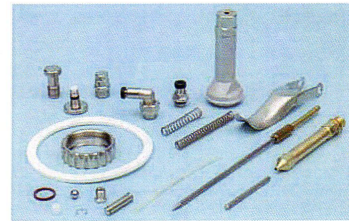


- For easy application of stone-chip, underbody and hollow-cavity protection.
- For restoring original structure of sill panels, wheel wells, floor groups etc.

### Attention

There must always be a cup with medium in the gun. Never store gun empty.  
Application pressure 2–4 bar.

Designation	Art. No.	P. Qty.
UBS gun with 3 nylon probes, 6 mm dia., length 1.3 m	<b>0891 110 640</b>	1

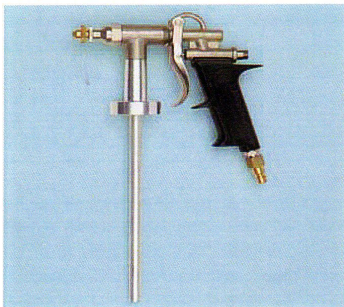


Designation	Art. No.	P. Qty.
Spare seal	<b>0891 110 0</b>	5
Spare parts set	<b>0891 110 010</b>	1



Designation	Art. No.	P. Qty.
Nylon probe set	<b>0891 110 001</b>	1

## UBS Spray Gun



- For fast application of stone-chip and underbody protection products on a plastic, bitumen and wax basis.
- With variable spray nozzle for restoring original structure on sill panels, wheel wells, floor groups etc.
- R 1/4" connection.
- Application pressure 3–4 bar.

Designation	Art. No.	P. Qty.
UBS Spray Gun	<b>0891 106 3</b>	1

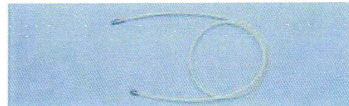
## Pressure-Cup Gun for hollow-cavity preservation



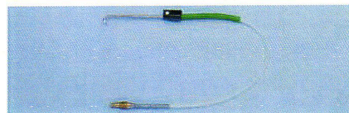
Designation	Art. No.	P. Qty.
Pressure-cupgun with nylon and hook probe	<b>0891 100</b>	1



Designation	Art. No.	P. Qty.
Quick-release coupl.	<b>0891 100 0</b>	1



Designation	Art. No.	P. Qty.
Nylon probe 8 mm dia., length 1.3 m	<b>0891 101</b>	1



Designation	Art. No.	P. Qty.
Hook probe 6 mm dia., Length 735 mm	<b>0891 102</b>	1

# UNDERBODY SEAL

Synthetic rubber and plastic-based coating compound containing solvents and suitable for painting over.



Color	Contents in ml	Art. No.	P. Qty.
Black	500	<b>0892 071</b>	1/12/24
Black	1000	<b>0893 075</b>	1/12
Gray	1000	<b>0893 075 1</b>	1/12

## Areas of application:

For touching up and for protecting the underbody, wheel wells, sills, spoiler, front and rear aprons, engine compartment etc.

Caution! – 500 ml container not suitable for large-area applications.

## Uses:

Shake can well before using. The application surface must be clean, dry and free of rust and grease. Prime bare metal parts. From a distance of approx. 20–30 cm, spray on with 2-3 back-and-forth motions. Allow the product to dry between layers in case of thicker layers. Before the top-coat laquer application, it is recommended to spray on a thin coat to provide for better adhesion.

## Note:

Check the application unit's function before use. After use, turn the can upside down and spray until the valve is empty. Do not spray onto joints, engines, transmissions and brake systems.

This information is only a recommendation based on our experience. Preliminary testing required. For further information, see the technical information leaflet.

### ► Fast-drying.

#### **Your advantage:**

- Reduced drying time (vehicle can be driven away after approx. 3 hours in the case of air drying).

### ► Suitable for painting over.

#### **Your advantage:**

- 1-l container can be painted over after 6 hours, 500 ml (spray can) can be painted over after 3 hours with all standard painting systems. (Follow the manufacturer's instructions!)

### ► Excellent adhesion performance.

#### **Your advantage:**

- High abrasion resistance.

### ► Permanently elastic.

#### **Your advantage:**

- Active stone chip protection.

### ► Anti-drone effect.

#### **Your advantage:**

- Prevents noises and vibrations

### ► Temperature-resistant

### ► VOC\*-compliant.

#### **Your advantage:**

- Complies with the VOC maximum content specified in the VOC Directive (1999/13/EC).

\* volatile organic compounds

**!** Application Gun  
for UBS  
Art. No. 0891 110 640  
UBS Gun  
Art. No. 0891 106 3  
Cover Paper  
Art. No. 0899 700 ...



## Brushable Body Sealing Compound

Sealing compound for recreating the original brush-stroke effect produced at the factory and for sealing of welds, seams, joints and overlaps in motor vehicles.

- Quick drying.
- Can be painted over.
- Silicone free.

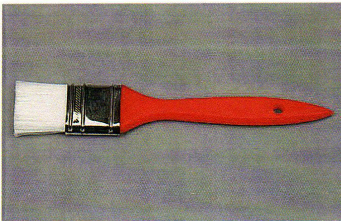
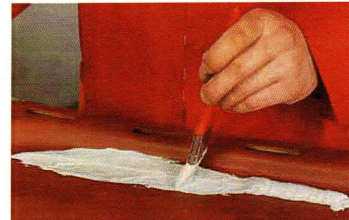
Contents kg	Art. No.	Pack Qty.
1.2	<b>0892 010</b>	6

### Characteristics

- Permanently elastic.
- Easily spreadable.
- Can be applied with a brush.
- Resistant to water and mineral oil.
- Good adhesive properties on untreated, primed and painted sheet metal.
- Unaffected by changes of temperature from  $-25^{\circ}\text{C}$  up to  $+80^{\circ}\text{C}$  (for short periods up to  $+150^{\circ}\text{C}$ ).
- Base: Nitrile rubber.
- Colour: Light grey.
- Shelf life: 6 months at  $+20^{\circ}\text{C}$ ; storage rooms should be well ventilated.

### Application

Suitable for sealing of metal joints, cracks and overlaps, spot welds on front and rear sections, on boot floor, vehicle floor, passenger compartment, side panels and on wheel arches.



## Nylon Brush

- Flat brush for the application of brushable sealing compound.
- Width 30 mm.

**Art. No. 0693 30**  
Pack Qty. 1/10



## Sealant

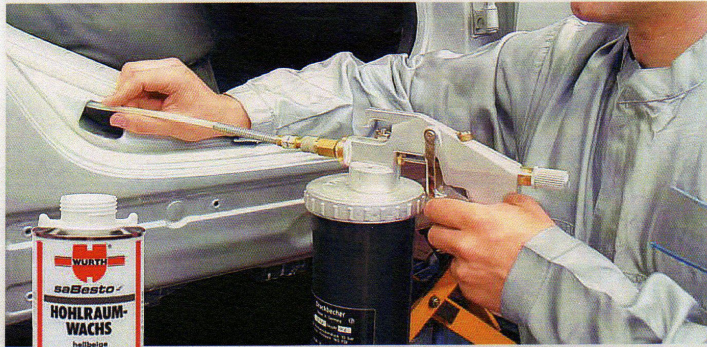
Soft, permanent-plastic, workable sealing material.

- For small repairs or work in places which are difficult to reach (sealing ruptured cables and lines for example).
- Can be moulded in your hand and then pressed into the seam etc. to be sealed.
- Colour: dark grey.
- Good adhesive properties.
- Shrink-resistant.
- Resistant to water.
- Temperature-resistant between  $-30^{\circ}\text{C}$  and up to  $+100^{\circ}\text{C}$ , short-term (max. 5 min.) up to  $+150^{\circ}\text{C}$ .

Contents g	Art. No.	Pack Qty.
1000	<b>0890 100 028</b>	1/6

# CAVITY WAX

Permanently protects sills, columns, door cavities, etc. against corrosion.



Colour	Cont. ml	Art. No.	P. Qty.
light beige	1000	<b>0892 081</b>	1/12
transparent	1000	<b>0892 082</b>	1/12

### Instructions for use:

Shake well before use.

Apply thin coating of cavity wax by means of pressure applicator or vacuum gun with appropriate probe.

# CAVITY PROTECTION SPRAY

For touch-up and long-term conservation after bodywork.



Colour	Cont. ml	Art. No.	P. Qty.
light beige	500	<b>0893 081</b>	1/12

### Instructions for use:

Shake well before use.

Depending on the area of the car, apply a thin coating of cavity spray directly or using probe 0891 081.

▶ Extremely high creep capability.

#### **Your advantage:**

- Even difficult to access folds are protected effectively.

▶ Outstanding water displacing effect.

#### **Your advantage:**

- Moisture is infiltrated and displaced.

▶ High heat resistance and good cold flexibility.

#### **Your advantage:**

- Best possible long term protection.

▶ Compatible with all commercially available top coat enamels as well as rubber and plastic parts.

▶ Free of heavy metals.

### Areas of Application:

For long-term conservation of car body areas prone to corrosion, such as folds, edges and surfaces of rocker panels, columns and door frames.

Supplements factory-installed cavity sealing of new vehicles, for re-touching of existing anti-corrosion compounds and for restoration of corrosion protection after accident repairs.

### Note:

The body material temperature should be +18°C to +30°C.

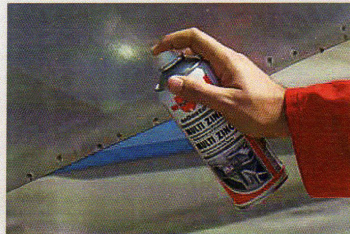
Recommended dry layer thickness: 30 μ to 40 μ.

Ventilate well after application.

This information is intended as a recommendation based on our experience. Preliminary testing is required in individual cases.

# MULTI ZINC

Zinc-based multifunctional metal surface spray.



Contents in ml	Art. No.	P. Qty.
400	0893 115 150	1/12

## Areas of application:

For optical improvement, repair, protection and priming of metallic surfaces in steel construction, vehicle construction, tool manufacturing, bridge building, ship building, in metalworking shops and forges, agriculture and forestry.

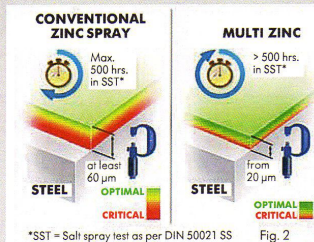
## Applications:

Shake can for at least 3 minutes before use. The application surface must be dry, dust and grease-free. Spraying distance: 15-25 cm. Multi Zinc is touch-dry after a few minutes and fast to handling after 1 hour.

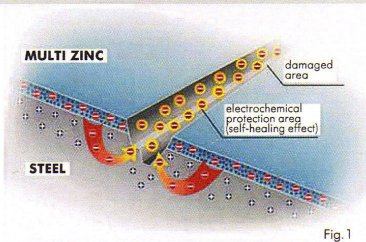
## Notes:

For optimum corrosion protection, apply Multi Zinc thinly in 1-2 spraying passes (approx. 15-20 µm). Full mechanical loading is possible after complete curing after 2-3 days. The drying time and surface quality can be improved through the application of heat (approx. 80°C). Shadows on the surface are product-specific and provide for a zinc-like surface.

## Comparison of layer thickness and corrosion protection to conventional zinc sprays



## Functional principle of cathodic corrosion protection



Conventional zinc sprays require a layer thickness of at least 60 µm for good corrosion protection. Multi Zinc already achieves corrosion protection of > 500 hrs. from a layer thickness of 20 µm.

The active zinc components of Multi Zinc form an electrochemical corrosion protection, which also protects against the formation of rust and the effects of weathering directly at damaged areas without the obvious formation of white rust.

This information is only a recommendation based on our experience. Preliminary testing required! During use and overpainting, both the Technical Data Sheet and the specifications of the top-coat paint manufacturer must be observed.

# 5 in 1

5 in 1

### Your advantages:

- Corrosion protection – cathodic long-term rust protection
- Welding primer – spot, shielding-gas and oxyacetylene welding
- Decoration – metallic surface appearance in top-coat quality
- Primer – Excellent adhesion to base surface
- Adhesion agent – can be painted over with 1 and 2-component top-coat paints

▶ Corrosion protection

### Your advantages:

- Tested, active cathodic long-term rust protection (Fig. 1)
- Material savings of up to 50% (Fig. 2)
- Already provides high degree of corrosion protection in one spraying pass (high level of user safety)
- Can be used on residual rust (loose rust must be removed)

▶ Welding primer

### Your advantages:

- For welding point sealing with spot, shielding-gas and oxyacetylene welding
- Can be welded through both wet and dry

▶ Decoration

### Your advantages:

- High-quality metallic surface appearance (similar to spray paint)
- Hard, resilient surface after hardening

▶ Adhesion Agent

### Your advantage:

- Excellent adhesion with common 1-component/2-component paints (including water-based paints) and MS, PU and silicone sealing compounds

▶ Primer

### Your advantage:

- Outstanding adhesion on bare and galvanized sheet metal, aluminum, steel, etc.

▶ Can be sanded well

▶ Thermally stable up to 300°C

**! Acetone Cleaner,**  
**Art. No. 0893 460**  
**Zinc Pre-cleaner,**  
**Art. No. 0893 460 100**

# PURlogic EASY

## 1-component installation foam for easy application



Designation/container	Contents	Colour	Art. No.	P. Qty.
PURlogic EASY	500 ml	ice blue	<b>0892 143</b>	20
Angle adapter, round	-	-	<b>0891 151 0</b>	20
Angle adapter, narrow	-	-	<b>0891 151 1</b>	20

### Areas of application:

High-quality and secure insulating and filling of hollow spaces such as pipe lead-throughs, joints, wall connections, masonry openings. Sealing and gluing of well rings and molded concrete parts. Visual proof of installation by ice blue colour of the foam.

### Note:

Adheres to concrete, stone, hard PVC, metal and wood. Does not adhere to polyethylene, silicone, PTFE and grease. PURlogic uniprimer should be used in case of porous and absorbent surfaces.

This information is only intended as a recommendation based on our own experience. The user should always perform his own preliminary testing.

### Specifications

Apparent density*	30 kg/m <sup>3</sup>
Cellularity*	medium-fine
Non-tacky after approx.*	9 min
Can be cut after approx.*	15 min
Processing temperature for can	+5°C to +25°C
Processing temperature for surroundings and surface	from -5°C
Tensile strength following DIN 53430	approx. 6.9 N/cm <sup>2</sup>
Elongation at tear following DIN 53430	20.5 %
Shearing strength following DIN 53427	approx. 3.2 N/cm <sup>2</sup>
Compressive strain at 10% compression following DIN 53421	approx. 1.9 N/cm <sup>2</sup>
Water absorption according to DIN 53433	approx. 0.3 Vol.-%
Thermal conductivity	0.038 W/mK
Temperature stability	-40°C to +80°C
Shelf life	12 months

\* tested according to applicable Würth test methods

- ▶ Small can, high yield.

#### Your advantage:

The user-friendly, handy can yields up to 35 litres of foam.

- ▶ Winter-proof.

#### Your advantage:

Useable at surface and ambient temperatures as low as -5°C.

- ▶ Certified product characteristics.

#### Your advantages:

- Joint sound insulation

Reduces noise according to DIN 52210, as tested by ift Rosenheim.

- Thermal conductivity.

Reduces heat loss at 0.038 W/(mK) according to DIN 52612, as tested by MPA Hanover.

- Air permeability.

Prevents air drafts, as tested according to EN 1026 by ift Rosenheim.

- Water vapor permeability.

Tested according to DIN EN ISO 12572 by ift Rosenheim.

- Energy saving according to EnEV.

Heating costs savings of 9% in comparison to stuffing materials, as tested by Fraunhofer Institute following DIN 18055 / EN 204.

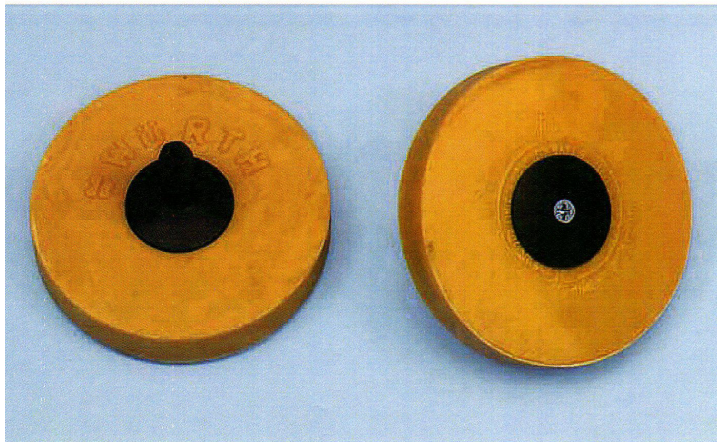
- General approval certificate by building authority.

Conforms with building material class B2 according to DIN 4102, Part 1, as tested by MPA Hanover.

#### Other advantages:

- ▶ Fine cellular and even foam structure
- ▶ Low amount of residue left in can.
- ▶ Resistant to aging.

**!**  
**PURlogic clean**  
**Art. No. 0892 16 / 0892 160**  
**PURlogic uniprimer**  
**Art. No. 0890 55**  
**Pump spray bottle**  
**Art. No. 0891 556**  
**PURlogic foam cleaner**  
**Art. No. 0892 160 000**



## Decal Line Remover

**For removing remains of adhesive and tapes from metal surfaces.**

### Application

- Only use with slow running machines (max. 2000 rpm.)
- Before first application roughen the edges of foil eraser (i. e. on the clean edge of a work bench).

### Attention:

Do not use film eraser on synthetic parts or painted synthetic surfaces (e. g. bumpers, motorcycle cowlings, etc.)!

### Observe running direction

(Opposite working direction).

Do not work on one place for too long due to too much heat effecting metal and paint.

Wear protective goggles, ear plugs and gloves for personal safety when working.

### Pre Tests

On application on waterbased paints there might be changes of the colours. Pre tests on invisible places are recommended.

### Art. No. 0585 90

Content: 2 pcs.

Pack Qty. 1



### Industry Cleaner

Art. No. 0893 140




**saBesto**

# WINDSCREEN SEALANT TROPICS

Elastic 1K windscreen sealant for tropical climatic conditions.



Designation	Cont. in ml	Art. No.	P. Qty.
Cartridge	310	0890 026 10	12

## Properties:

For replacement glazing within the passenger car, van, bus, commercial vehicle, land and construction machine sector.

## Application:

During processing please mind a clean surrounding area. The application of the product together with the corresponding Würth system components is indispensable for a correct and precise performance. The application should be carried out by following the instruction sheet attached to the product.

## Note:

For preparing the surfaces to be treated, the use of the primer with art. no. 0890 028 2 is obligatory. Before using the products, please check expiry date. Apply sealant with upright conducted piston, beginning at the lower middle of the window. Do not put the car on the lifting ramp. Please consider manufacturers' instructions concerning the nozzle cutting table. It is essential to consider processing and drive-away time.

## Accessories for Windscreen Sealant TROPICS



Designation	Content	Art. No.	P. Qty.
Primer	20 ml	0890 028 2	12

Basic information	Primer
Colour	black
Application temperature	+5 °C to +40 °C
Airing time	15 min*

\* measured at 23°C/50% rel. humidity

This information is only a recommendation based on our experience. Preliminary tests are required. For further information please see technical data sheet.

- ▶ Windscreen sealant for tropical climatic conditions.

### Your advantage:

- Processing time especially adapted for high air humidity (> 50%) and temperatures up to +40°C.

- ▶ Normal modulus.

### Your advantage:

- Can be used for all common vehicle types in the passenger car, van, bus, commercial vehicle, land and construction machine sector.

- ▶ Very high stability.

### Your advantage:

- Very convenient for the use on vertical surfaces, such as side windows.

- ▶ Approved safety.

### Your advantages:

- Drive-away time verified by crash tests and TÜV certificate according to FMVSS 208/212!
- Fulfils the requirements of the manufacturers.

Basic information	TROPICS
Chemical basis	1K polyurethane (moisture-hardening)
Colour	black
Application temperature	+5 °C to +40 °C
Open time	40–60 min*
Storage temperature	+5 °C to +25 °C
Drive-away time without airbag	4 hrs*
Drive-away time with airbag	6 hrs*

\* measured at 23°C/50% rel. humidity

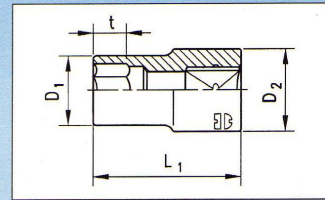
- ▶ Black, moisture-hardening previous coat sealant promotion of the windscreen sealant on glass, ceramic screen print, laquer and diverse metals.

- ▶ UV protection for the windscreen sealant.

- ▶ Corrosion protection (at double application and an appropriate airing time) for blank metal surfaces.

### 1/4" Multi-Use Socket

Chrome plated, polished.  
 Drive: 1/4" square.  
 Take-off: bi-hexagon multi-use profile.  
 Geometry: short.

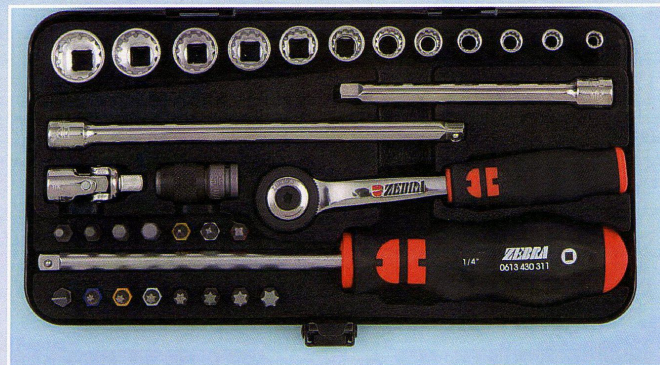


Multi-use profile	Hex./bi-hex.	Possibilities for use				L <sub>1</sub> mm	D <sub>1</sub> mm	D <sub>2</sub> mm	t mm	Art. No.	
		Hex.	External Torx	Square							
4	size 4	5/32"	E 5	-	22	6.8	11.9	5	0713 113 04	1	
5	size 5	-	-	size 4	22	8.1	11.9	5	0713 113 05		
5.5	size 5.5	7/32"	-	size 4.5	22	8.7	11.9	5.5	0713 113 055		
6	size 6	-	E 8	size 5	22	9.3	11.9	6	0713 113 06		
7	size 7	9/32"	-	-	22	10.8	11.9	6	0713 113 07		
8	size 8	5/16"	E 10	-	22	11.9	11.9	7	0713 113 08		
9	size 9	11/32"	-	-	22	13.4	13.4	7	0713 113 09		
10	size 10	3/8"	E 12	size 8	22	14.5	14.5	10	0713 113 10		
11	size 11	7/16"	E 14	size 9	22	15.9	15.9	10	0713 113 11		
12	size 12	15/32"	E 16	size 10	22	16.9	16.9	10	0713 113 12		
13	size 13	1/2"	-	-	22	18	18	11	0713 113 13		
14	size 14	9/16"	E 18	-	22	19.6	19.6	11	0713 113 14		

### 1/4" Multi-Use Socket Set, 32 pieces

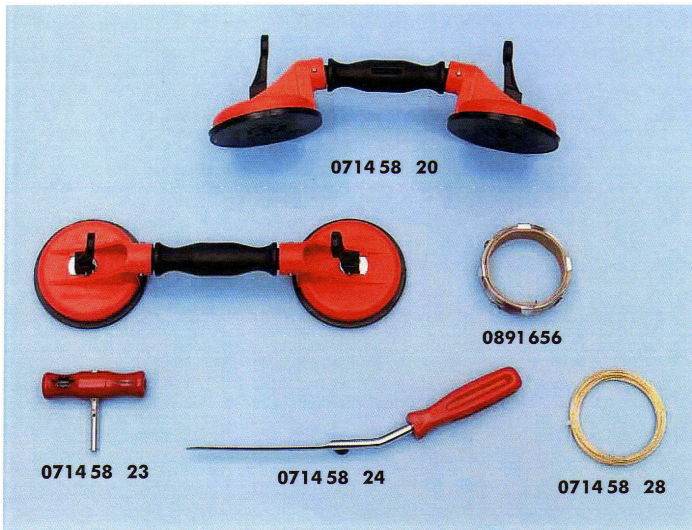
Art. No. 0965 11 032

- Supplied in a metal box with high-quality foam insert compartment with clamping effect.



### Scope of delivery – 1/4" multi-use set

Designation	Drive	Length	Art. No.		
Reversing ratchet		138 mm	0712 014 0	1	
Extension		100 mm	0713 118 104		
Extension		150 mm	0713 118 106		
Universal joint		33 mm	0713 118 301		
Screwdriver handle		216 mm	0613 430 311		
Adapter with quick change chuck		30 mm	0715 11 01		
12 multi-use sockets, one each sizes 4-14		22 mm	0713 113 04		
Bit PH 1		25 mm	0614 176 274		
Bit PH 2			0614 176 461		
Bit PH 3			0614 176 648		
Bit slotted 0.8x5.5		25 mm	0614 175 653		1
Bit hex. socket size 3			0614 176 93		
Bit hex. socket size 4			0614 176 94		
Bit hex. socket size 5			0614 176 95		
Bit hex. socket size 6			0614 176 96		
TX 10			0614 311 0		
TX 15			0614 311 5		
TX 20			0614 312 0		
TX 25			0614 312 5		
TX 30			0614 313 0		
TX 40		0614 314 0			
Metal box		225 x 125 x 35 mm	0955 715 1		
Foam insert compartment		220 x 105 x 30 mm	0955 11 32		



## Windscreen Replacement System

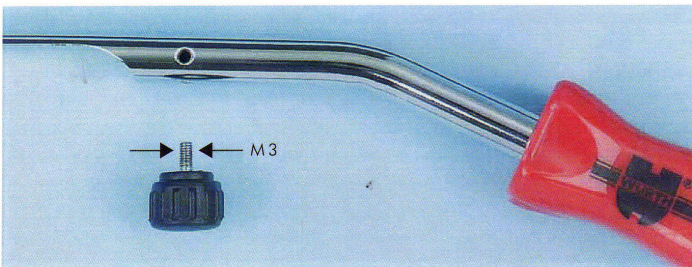
Art. No. 0714 58 25

### Contents

Designation	Art. No.	P. Qty.
1 pair of suction handles, suction diameter 120 mm	0714 58 20	1
Cutting Wire wavy, gold colour, Ø 0.8 mm x 22.5 m	0714 58 28	
Pull Handle	0714 58 23	
Arm brace, long type, for flat windshields, wire clamping with knurled screw	0714 58 24	

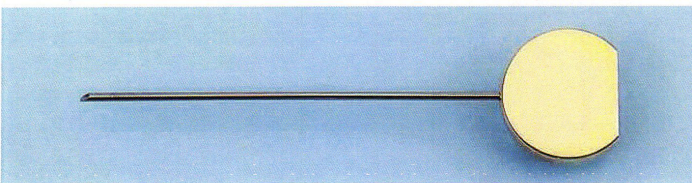
### Cutting Wire

Designation	Tensile strength N/mm <sup>2</sup>	Edge radius mm	Length m	Art. No.	P. Qty.
Square, 0.6 x 0.6 mm stainless steel	2000 - 2100	0.1	50	0891 656	1
Square, 0.6 x 0.6 mm special steel	2400 - 2600	0.08	50	0714 58 281	
Wavy, Ø 0.8 mm gold colour	2000 - 2061	-	22.5	0714 58 28	



### Replacement Knurled Screw for brace (M3)

Art. No. 0714 58 241 Pack Qty. 1

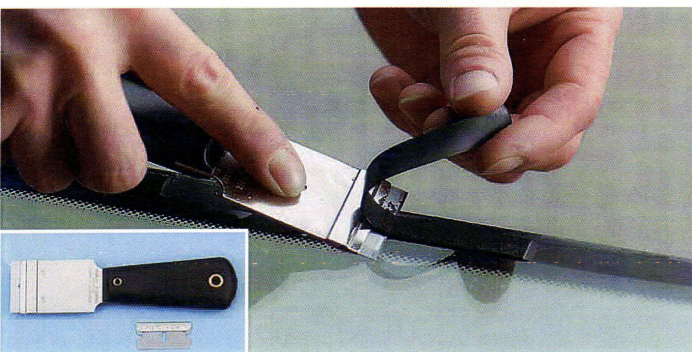


### Insertion Tool

#### long type

- For easy insertion of the cutting wire through windscreen bonding.
- Total length 155 mm.

Art. No. 0714 58 27 Pack Qty. 1



### Blade Scraper

- Handy scraper with replaceable blade.
- Ideal for removal of adhesive residue from glass.

Art. No. 0714 663 31

Pack Qty. 1

### Replacement Blades

Art. No. 0714 663 311

Pack Qty. 5