

assortment informations new products

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Tools. Next Level.



Brütsch/Rüegger Tools Ltd.

Heinrich Stutz-Strasse 20 · P.O. Box · 8902 Urdorf · Switzerland

Tel. +41 44 736 63 63 · Fax +41 44 736 63 00

www.brw.ch · info@brw.ch

123900 Depth measuring bridges INTERAPID

Lapped measuring faces. Clamp Ø 8 mm wih lock for mounting a dial gauge or probe.

Designs:

123900.0100: with a Flat Face

123900.0200: with prismatic measuring face

Package contents:

Delivered in transport packaging, **without dial gauge**.

Appropriate accessories:

Dial gauges starting from 121450

Order ID	Designation
123900.0100	For use as a depth gauge.
123900.0200	For measuring the depth of key slots on cylindrical shafts, determining circularity errors, etc. Ø 10...100 mm



152190 Zoom stereomicroscope LEICA S9 series

The S9 series offers 55x magnification combined with a large zoom range of 9:1. As a result, work processed rarely need to be interrupted to readjust the microscope. Thanks to the innovative FusionOptics technology, the result is an image perception with high resolution and high depth of focus at the same time. The large working distance (122 mm) allows easy sample inspection under the microscope.

Note:

Alternative configuration on request.

Package:

Delivered in transport packaging including protective cover.

Appropriate accessories:

152195 Accessories LEICA microscopes

Order ID	152190.1000	152190.1010	152190.1200
Type	S9E	S9E	S9i
Magnification	6.1x...55x	6.1x...55x	6.1x...55x
Zoom	9:1	9:1	9:1
Field of vision Ø	mm 37.7	mm 37.7	mm 37.7
Work piece height max.	mm 76	mm 76	mm 76
Working distance	mm 122	mm 122	mm 122



424875 Hex screwdriver PB Swiss Tools



PB 1206, for hexagon socket screws. The ergonomic **cross-handle** fits perfectly in the hand, keeps the wrist straight and allows fatigue-free working. Precise, accurate tip, perfect fit in the screws. Special spring steel alloy for a high hardness grade yet exceptional elasticity.

Suitable for:

425395 Hex screwdriver set PB Swiss Tools

Order ID	Wrench size mm	Blade length mm	Length mm
424875.0100	2	60	105
424875.0200	2	100	145
424875.0300	2.5	60	105
424875.0400	2.5	100	145
424875.0500	3	60	105
424875.0600	3	100	145
424875.0700	4	80	117
424875.0800	5	80	117
424875.0900	6	80	126
424875.1000	8	80	126



425128 Angled head key for TORX® screws NERIOX



Short version, chrome vanadium steel, satin chrome plated, **for TORX®** screws.

Order ID	Size	Side length mm
425128.0100	T 6	42 x 16
425128.0200	T 7	48 x 16
425128.0300	T 8	48 x 16
425128.0400	T 9	48 x 16
425128.0500	T 10	51 x 17
425128.0600	T 15	54 x 18
425128.0700	T 20	57 x 19
425128.0800	T 25	60 x 20
425128.0900	T 27	64 x 21
425128.1000	T 30	70 x 24
425128.1100	T 40	76 x 26
425128.1200	T 45	82 x 28



425148 Ball head L-shaped hex key for TORX® screws NERIOX



NERIOX



Long version, chrome vanadium steel, chrome-plated, satin finish, profile for TORX® screws on short arm, **ball head profile for TORX® screws** on long arm.

Order ID	Size	Side length mm
425148.0050	T 9	80 x 16
425148.0100	T 10	86 x 17
425148.0200	T 15	90 x 18
425148.0300	T 20	95 x 19
425148.0400	T 25	100 x 20
425148.0500	T 27	105 x 21
425148.0600	T 30	114 x 24
425148.0700	T 40	124 x 26
425148.0800	T 45	133 x 29

425345 Screwdriver for TORX® screws PB Swiss Tools



PB 1406, for TORX® screws. The ergonomic **cross-handle** fits perfectly in the hand, keeps the wrist straight and allows fatigue-free working. Precise, accurate tip, perfect fit in the screws. Special spring steel alloy for a high hardness grade yet exceptional elasticity.

Suitable for:

425390 Screwdriver set for TORX® screws PB Swiss Tools

Order ID	Size	Blade length mm	Length mm
425345.0100	T 6	60	105
425345.0200	T 7	60	105
425345.0300	T 8	60	105
425345.0400	T 9	60	105
425345.0500	T 10	60	105
425345.0600	T 15	60	105
425345.0700	T 20	80	117
425345.0800	T 25	80	117



425345.0100



425345.0700

425390 Screwdriver set for TORX® screws PB Swiss Tools



PB 1551, for TORX® screws. The ergonomic **cross-handle** fits perfectly in the hand, keeps the wrist straight and allows fatigue-free working. Precise, accurate tip, perfect fit in the screws. Special spring steel alloy for a high hardness grade yet exceptional elasticity.

Appropriate spare parts:

425345 Screwdriver for TORX® screws PB Swiss Tools

Order ID	Parts	Size
425390.0100	6	T8 T9 T10 T15 T20 T25



425395 Hex screwdriver set PB Swiss Tools



PB 1555, for Allen screws. The ergonomic **cross-handle** fits perfectly in the hand, keeps the wrist straight and allows fatigue-free working. Precise, accurate tip, perfect fit in the screws. Special spring steel alloy for a high hardness grade yet exceptional elasticity.

Appropriate spare parts:

424875 Hex screwdriver PB Swiss Tools

Order ID	Parts	Wrench size mm
425395.0100	5	3 4 5 6 8



425520 Screwdriver for TORX-PLUS® screws PB Swiss Tools



PB 1408, for TORX-PLUS® screws. The ergonomic **cross-handle** fits perfectly in the hand, keeps the wrist straight and allows fatigue-free working. Precise, accurate tip, perfect fit in the screws. Special spring steel alloy for a high hardness grade yet exceptional elasticity.

Order ID	Size	Blade length mm	Length mm
425520.0100	T 7	60	105
425520.0200	T 8	60	105
425520.0300	T 9	60	105
425520.0400	T 10	60	105
425520.0500	T 15	60	105
425520.0600	T 20	80	117
425520.0700	T 25	80	117



425520.0100



425520.0600

426515 Hexagon insert bit FACOM 1/4"



Facom OGV® GRIP, chrome-plated with phosphated tip. The special hexagon profile protects hexagon socket screws against rounding even at high torques and **releases hexagon screws that have already been damaged or rounded** without any problem. Bit cannot be removed.



Suitable for:
426510 Hexagon insert bit set FACOM 1/4"

Order ID	Wrench size mm	Blade length mm	Length mm
426515.0100	2	15	37
426515.0200	2.5	15	37
426515.0300	3	15	37
426515.0400	4	15	37
426515.0500	5	15	37
426515.0600	6	15	37
426515.0700	7	15	37
426515.0800	8	15	37

429165 Hexagon insert bit FACOM 1/2"



Facom OGV® GRIP, chrome-plated with phosphated tip. The special hexagon profile protects hexagon socket screws against rounding even at high torques and **releases hexagon screws that have already been damaged or rounded** without any problem. Bit cannot be removed.



Suitable for:
429175 Hexagon insert bit set FACOM 1/2"

Order ID	Wrench size mm	Blade length mm	Length mm
429165.0100	10	24	60
429165.0200	11	24	60
429165.0300	12	24	60
429165.0400	14	24	60
429165.0500	17	24	60
429165.0600	19	24	60

430270 Hex socket KOKEN



Koken Impact 16400M, with cross hole and ring groove for securing; for mechanized fastening.
Appropriate accessories:
428060 Socket lock clamps KOKEN



Order ID	Wrench size mm	Length mm	Order ID	Wrench size mm	Length mm
430270.0100	17	50	430270.1500	48	62
430270.0200	19	50	430270.1600	49	62
430270.0300	22	50	430270.1700	50	62
430270.0400	24	50	430270.1800	52	62
430270.0500	27	50	430270.1900	54	62
430270.0600	30	53	430270.2000	55	62
430270.0700	32	53	430270.2100	56	62
430270.0900	34	55	430270.2200	57	65
430270.1000	36	55	430270.2300	58	65
430270.1100	38	57	430270.2400	59	65
430270.1200	41	57	430270.2500	60	65
430270.1300	46	62	430270.2600	65	65
430270.1400	47	62	430270.2700	70	70

434300 Interchangeable blade VDE Slim PB Swiss Tools



PB 5215.C SL, with blade diameter reduced to the tip, for deep-set screws and spring elements. **For slotted machine screws**, quick identification using a colour code per screw type. Special spring steel alloy for a high hardness grade yet exceptional elasticity. VDE tested, safe working up to 1000 V AC or 1500 V DC voltage.

Appropriate accessories:
434325 Interchangeable handle VDE Classic PB Swiss Tools

Order ID		434300.0100	434300.0200	434300.0300
Size		1	2	3
Tip width	mm	3.5	4.0	5.5
Tip thickness	mm	0.6	0.8	1.0
Blade length	mm	82	82	107
Length	mm	165	165	190
Ø	mm	3.5	4.0	5.5
for clamping screw metric		2.5	3.0	3.5

434305 Interch. blade VDE Slim PB Swiss Tools



PB 5215.CPZ SL, with blade diameter reduced to the tip, for deep-set screws and spring elements. **For combination screws (Pozidriv slot)**, quick identification using a colour code per screw type. Special spring steel alloy for a high hardness grade yet exceptional elasticity. VDE tested, safe working up to 1000 V AC or 1500 V DC voltage.

Appropriate accessories:
434325 Interchangeable handle VDE Classic PB Swiss Tools

Order ID		434305.0100	434305.0200
Pozidriv/Slot		1	2
Blade length	mm	62	82
Length	mm	145	165
Ø	mm	4.5	6.0
for clamping screw metric		2.5...3.0	3.0...5.0

434310 Interch. blade VDE Slim PB Swiss Tools



PB 5215.PH SL, with blade diameter reduced to the tip, for deep-set screws and spring elements. **For Philips screws**, quick identification using a colour code per screw type. Special spring steel alloy for a high hardness grade yet exceptional elasticity. VDE tested, safe working up to 1000 V AC or 1500 V DC voltage.

Appropriate accessories:
434325 Interchangeable handle VDE Classic PB Swiss Tools

Order ID		434310.0100	434310.0200
Phillips		1	2
Blade length	mm	62	82
Length	mm	145	165
Ø	mm	4.5	6.0
for clamping screw metric		2.5...3.0	3.0...5.0

434315 Interch. blade VDE Slim PB Swiss Tools



PB 5215.PZ SL, with blade diameter reduced to the tip, for deep-set screws and spring elements. **For Pozidriv screws**, quick identification using a colour code per screw type. Special spring steel alloy for a high hardness grade yet exceptional elasticity. VDE tested, safe working up to 1000 V AC or 1500 V DC voltage.

Appropriate accessories:
434325 Interchangeable handle VDE Classic PB Swiss Tools

Order ID		434315.0100	434315.0200
Pozidriv		1	2
Blade length	mm	62	82
Length	mm	145	165
Ø	mm	4.5	6.0
for clamping screw metric		2.5...3.0	3.0...5.0

434320 Interch. blade VDE Slim PB Swiss Tools



PB 5215.T SL, with blade diameter reduced to the tip, for deep-set screws and spring elements. **For TORX® screws**, quick identification using a colour code per screw type. Special spring steel alloy for a high hardness grade yet exceptional elasticity. VDE tested, safe working up to 1000 V AC or 1500 V DC voltage.

Appropriate accessories:
434325 Interchangeable handle VDE Classic PB Swiss Tools

Order ID		434320.0100	434320.0200	434320.0300
for TORX® screws		T10	T15	T20
Blade length	mm	52	62	82
Length	mm	135	145	165
Ø	mm	3.5	4.0	5.0
for clamping screw metric		3.0	3.5	4.0

434325 Interchangeable handle VDE Classic PB Swiss Tools



PB 5215.A, easy and fast replacement of different blade profiles for insulated interchangeable blades PB 5215, with „click“ closure. Slim handle, space-saving and ideal for fine-tuning work, high quality materialisation, resistant to solvents, oils, acids and salts. VDE tested, safe working up to 1000 V AC or 1500 V DC voltage

Usable with:
434300 Interchangeable blade VDE Slim PB Swiss Tools
434305 Interch. blade VDE Slim PB Swiss Tools
434310 Interch. blade VDE Slim PB Swiss Tools
434315 Interch. blade VDE Slim PB Swiss Tools
434320 Interch. blade VDE Slim PB Swiss Tools

Order ID	Type	Length mm	Ø mm
434325.0100	PB 5215.A	113	26

434345 Screwdriver set VDE Slim PB Swiss Tools



PB 5215.SU set 1, the basic equipment for electrical work, in the workshop, at home or on the move, **for slotted machine and Pozidriv screws**, in a compact roll-up case with practical belt loop. Blade diameter reduced to tip for the best accessibility to deep-set screws and spring elements. Fast rotation zone and anti-slip protection for thumb and index finger. Slim, space-saving handle, quick identification using a colour code per screw type. Fully insulated up to 1000 V AC.

Content:
1 Classic VDE interchangeable handle PB 5215.A
3 interchangeable blades for slotted machine screws VDE Slim PB 5215.C SL, size 2, 3, 4
2 interchangeable blades for Pozidriv screws VDE Slim PB 5215.PZ SL, size 1, 2

Order ID	Type	Parts
434345.0100	PB 5215.SU	6

434355 Screwdriver set VDE Slim PB Swiss Tools



PB 5216.SU set 2, the basic equipment for electrical work, in the workshop, at home or on the move, **for slotted machine and Philips screws**, in a compact roll-up case with practical belt loop. Blade diameter reduced to tip for the best accessibility to deep-set screws and spring elements. Fast rotation zone and anti-slip protection for thumb and index finger. Slim, space-saving handle, quick identification using a colour code per screw type. Fully insulated up to 1000 V AC.

Content:
1 Classic VDE interchangeable handle PB 5215.A
3 interchangeable blades for slotted machine screws VDE Slim PB 5215.C SL, size 2, 3, 4
2 interchangeable blades for Philips screws VDE Slim PB 5215.PH SL, size 1, 2

Order ID	Type	Parts
434355.0100	PB 5216.SU	6

434375 Screwdriver set VDE Slim PB Swiss Tools



PB 5217.SU set 3, the basic equipment for electrical work, in the workshop, at home or on the move, **for slotted and combination screws (Pozidriv slot)**, in a compact roll-up case with practical belt loop. Blade diameter reduced to tip for the best accessibility to deep-set screws and spring elements. Fast rotation zone and anti-slip protection for thumb and index finger. Slim, space-saving handle, quick identification using a colour code per screw type. Fully insulated up to 1000 V AC.

Content:

- 1 Classic VDE interchangeable handle PB 5215.A
- 3 interchangeable blades for slotted machine screws VDE Slim PB 5215.C SL, size 2, 3, 4
- 2 interchangeable blades for combination screws Pozidriv/slotted VDE Slim PB 5215.CPZ SL, size 1, 2

Order ID	Type	Parts
434375.0100	PB 5217.SU	6



434390 Screwdriver set VDE Slim PB Swiss Tools



PB 5218.SU set 4, the basic equipment for electrical work, in the workshop, at home or on the move, **for TORX® screws, slotted and Pozidriv screws**, in a compact roll-up case with practical belt loop. Blade diameter reduced to tip for the best accessibility to deep-set screws and spring elements. Fast rotation zone and anti-slip protection for thumb and index finger. Slim, space-saving handle, quick identification using a colour code per screw type. Fully insulated up to 1000 V AC.

Content:

- 1 Classic VDE interchangeable handle PB 5215.A
- 3 interchangeable blades for slotted machine screws VDE Slim PB 5215.C SL, size 2, 3, 4
- 2 interchangeable blades for Pozidriv screws VDE Slim PB 5215.PZ SL, size 1, 2
- 3 interchangeable blades for TORX® screws VDE Slim PB 5215.T SL, size TX10, TX15, TX20

Order ID	Type	Parts
434390.0100	PB 5218.SU	9



434395 Screwdriver set VDE Slim PB Swiss Tools



PB 5219.SU set 5, the basic equipment for electrical work, in the workshop, at home or on the move, **for TORX® screws, slotted and combination screws (Pozidriv slot)**, in a compact roll-up case with practical belt loop. Blade diameter reduced to tip for the best accessibility to deep-set screws and spring elements. Fast rotation zone and anti-slip protection for thumb and index finger. Slim, space-saving handle, quick identification using a colour code per screw type. Fully insulated up to 1000 V AC.

Content:

- 1 Classic VDE interchangeable handle PB 5215.A
- 3 interchangeable blades for slotted machine screws VDE Slim PB 5215.C SL, size 2, 3, 4
- 2 interchangeable blades for combination screws Pozidriv/slotted VDE Slim PB 5215.CPZ SL, size 1, 2
- 3 interchangeable blades for TORX® screws VDE Slim PB 5215.T SL, size TX10, TX15, TX20

Order ID	Type	Parts
434395.0100	PB 5219.SU	9



450825 Thermal imaging camera FLUKE



Fluke PTi120, a powerful, professional thermal imaging camera **that is pocket-sized**. Ideal for carrying out rapid testing on electrical equipment, machinery and other equipment. Designed to withstand a drop of 1 metre, IP 54 dust-proof and splash-proof. Large LCD touch screen for easy troubleshooting, automatically organises and files thermal imaging files using FLUKE-Connect Asset Tagging; scan QR codes or barcodes to automatically save images to the appropriate folders. Internal 2 GB flash memory, built-in lithium-ion battery.

Order ID	450825.0200	
Type	PTi120	
Thermal image resolution	pixels	120 x 90
Range	°C	-20...+400
Accuracy		+/- 2°C, 2%
Thermal sensitivity (NETD)	mK	60
Battery life	min	120
Charge Time	min	90
Protection class		IP54
Dimensions	mm	89 x 127 x 25
Weight	g	233



461925 Universal deburrer set FUTURO

Rotating blades P Ø 2.6 mm, for internal and external deburring of metals and plastics.
Appropriate accessories:
461360 Replacement blade FUTURO

Order ID	461925.0100
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FUTURO



461930 Universal deburrer set FUTURO

Rotating blades C Ø 3.2 mm, for internal and external deburring of metals and plastics.
Appropriate accessories:
461380 Replacement blade FUTURO

Order ID	461930.0100
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FUTURO



490115 Disk brush ZEINTRA

The nylon plastic fibres are interspersed with abrasive **silicone splinters**. The size of the splinters is tailored to the application. The material can be used for polishing or grinding depending on grain size. The designation is defined in the same way as for sandpaper: the smaller the grain specification, the rougher the brushing effect.

Order ID	Ø mm	Grain	Trim height mm	Thread	Max. Speed min ⁻¹
490115.0100	130	46	50	M14	2500
490115.0200	130	60	50	M14	2500
490115.0300	130	80	50	M14	2500
490115.0400	130	120	50	M14	2500



490185 Circular brush ZEINTRA

The nylon plastic fibres are interspersed with abrasive **silicone splinters**. The size of the splinters is tailored to the application. The material can be used for polishing or grinding depending on grain size. The designation is defined in the same way as for sandpaper: the smaller the grain specification, the rougher the brushing effect.

Order ID	Ø mm	Grain	Trim height mm	Thread	Max. Speed min ⁻¹
490185.0100	140	46	35	M14	2500
490185.0200	140	60	35	M14	2500
490185.0300	140	80	35	M14	2500
490185.0400	140	120	35	M14	2500



492010 Steel wire hand brush ZEINTRA

Steel wire, smooth, wire thickness 0.3 mm, base body made of wood, with handle.

Order ID	Rows	Length mm
492010.0100	1	290
492010.0200	2	290
492010.0300	3	290
492010.0400	4	290
492010.0500	5	290



492050 Brass wire hand brush ZEINTRA

Corrugated brass wire, wire thickness 0.2 mm, for brushing brass material, also prevents spark formation and is therefore also used for cleaning containers with gas formation.

Order ID	Rows	Length mm
492050.0100	2	290
492050.0200	3	290
492050.0300	4	290



492120 Steel wire welding brush ZEINTRA

Steel wire, smooth, diameter 0.3 mm, base body made of wood, with handle. The wire bundles run tapered to form a row, suitable for cleaning welds.

Order ID	Rows	Length mm
492120.0100	3	290



492325 Pipe brush LESSMANN

Corrugated brass wire, with male thread connection. Ideal for deburring holes and cross holes, cleaning nozzles, pipes, hoses etc.



Appropriate accessories:

931315 Accessories LESSMANN

Further sizes and brush types are available on request.

Order ID	Ø mm	Wire thickness mm	Trim length mm	Length mm
492325.0100	6	0.1	80	115
492325.0200	8	0.15	80	115
492325.0300	10	0.15	80	115
492325.0400	12	0.15	80	115
492325.0500	14	0.15	80	115
492325.0600	16	0.15	80	115
492325.0700	18	0.15	80	115
492325.0800	20	0.15	80	115

492335 Pipe brush LESSMANN

Polyamide smooth, with male thread connection. Ideal for cleaning holes, nozzles, hoses etc.



Appropriate accessories:

931315 Accessories LESSMANN

Further sizes and brush types are available on request.

Order ID	Ø mm	Wire thickness mm	Trim length mm	Length mm
492335.0100	6	0.2	80	115
492335.0200	8	0.25	80	115
492335.0300	10	0.35	80	115
492335.0400	12	0.35	80	115
492335.0500	14	0.35	80	115
492335.0600	16	0.35	80	115
492335.0700	18	0.35	80	115
492335.0800	20	0.35	80	115

516610 Super glue ERGO

Type 5861

due to its curing characteristics especially suitable for quick bonding of porous materials such as paper, wood, leather, cork, textiles, foam rubber.

Order ID		516610.0100	516610.0200
Bottle	g	20	500
Type		5861	5861
Temperature range	°C	-55...+85	-55...+85
Viscosity	mPa·s	100	100
Setting time at 25°C	s	25...45	25...45
Symbols of danger	GHS7		
H phrases	H315, H319, H335		
P phrases	P261, P280, P304+P340, P305+P351+P338, P312, P332+P313		



539815 Tool trolley FACOM

Facom Jet M3A, holding capacity of 3 tool modules per drawer; drawers are fully extendable with self-closing return spring for efficient and secure closing, extremely robust sheet steel construction with SOFT buffers on the 4 corners, reinforced worktop consisting of a 2-mm deep-drawn aluminium plate covering a 15-mm wooden board, fully integrated handle, retractable side edges with holders for 8 screwdrivers, which slide into the worktop under heavy loads. Centralised locking system with foldable key; 4 high-performance wheels with a diameter of 125 mm, 2 swivelling, 2 fixed, each with a locking brake; epoxy powder coating. Perforated sides for attaching tools using hooks or holders. Various accessories can be attached to the sides and back panel, such as holders for canisters, additional cabinets etc.

Order ID		539815.0100	539815.0200
Type		JET.8NM3A	JET.8M3A
Colour		RAL 9005/black	RAL 3020/red
Width	mm	814	814
Height	mm	1005	1005
Depth	mm	575	575
Number of drawers		8	8
Drawer height	mm	6 x 60 2 x 130	6 x 60 2 x 130
Drawers usable area	mm	569 x 421	569 x 421
Weight	kg	79	79



539830 Tool trolley FACOM

Facom Jet M5A with 7 drawers, capacity of 5 tool modules per drawer; drawers are fully extendable with self-closing return spring for efficient and secure closing, extremely robust sheet steel construction with SOFT buffers on the 4 corners, reinforced worktop consisting of a 2-mm deep-drawn aluminium plate covering a 15-mm wooden board, fully integrated handle, retractable side edges with holders for 8 screwdrivers, which slide into the worktop under heavy loads. Central locking system with foldable key; 4 high-performance wheels with a diameter of 125 mm, 2 steering, 2 fixed, each with a locking brake. Perforated sides for attaching tools using hooks or holders. Various accessories can be attached to the sides and back panel, such as holders for canisters, additional cabinets etc.

Order ID	539830.0100	539830.0200
Type	JET.7NM5A	JET.7M5A
Colour	RAL 9005/black	RAL 3020/red
Width	mm1194	mm1194
Height	mm1035	mm1035
Depth	mm575	mm575
Number of drawers	7	7
Drawer height	mm5 x 60 1 x 130 1 x 200	mm5 x 60 1 x 130 1 x 200
Drawers usable area	mm948 x 421	mm948 x 421
Weight	kg106	kg106



539835 Tool trolley FACOM

Facom Jet M5A with 8 drawers, capacity of 5 tool modules per drawer; drawers are fully extendable with self-closing return spring for efficient and secure closing, extremely robust sheet steel construction with SOFT buffers on the 4 corners, reinforced worktop consisting of a 2-mm deep-drawn aluminium plate covering a 15-mm wooden board, fully integrated handle, retractable side edges with holders for 8 screwdrivers, which slide into the worktop under heavy loads. Central locking system with foldable key; 4 high-performance wheels with a diameter of 125 mm, 2 steering, 2 fixed, each with a locking brake. Perforated sides for attaching tools using hooks or holders. Various accessories can be attached to the sides and back panel, such as holders for canisters, additional cabinets etc.

Order ID	539835.0100	539835.0200
Type	JET.8NM5A	JET.8M5A
Colour	RAL 9005/black	RAL 3020/red
Width	mm1194	mm1194
Height	mm1035	mm1035
Depth	mm575	mm575
Number of drawers	8	8
Drawer height	mm6 x 60 2 x 130	mm6 x 60 2 x 130
Drawers usable area	mm948 x 421	mm948 x 421
Weight	kg110	kg110



539855 Tool trolley FACOM

Facom Jet M4A with 6 drawers, capacity of 4 tool modules per drawer; drawers are fully extendable with self-closing return spring for efficient and secure closing, extremely robust sheet steel construction with SOFT buffers on the 4 corners, reinforced worktop consisting of a 2-mm deep-drawn aluminium plate covering a 15-mm wooden board, fully integrated handle, retractable side edges with holders for 8 screwdrivers, which slide into the worktop under heavy loads. Central locking system with foldable key; 4 high-performance wheels with a diameter of 125 mm, 2 steering, 2 fixed, each with a locking brake. Perforated sides for attaching tools using hooks or holders. Various accessories can be attached to the sides and back panel, such as holders for canisters, additional cabinets etc.

Order ID	539855.0100	539855.0200
Type	JET.6NM4A	JET.6M4A
Colour	RAL 9005/black	RAL 3020/red
Width	mm1004	mm1004
Height	mm1005	mm1005
Depth	mm575	mm575
Number of drawers	6	6
Drawer height	mm4 x 60 1 x 130 1 x 270	mm4 x 60 1 x 130 1 x 270
Drawers usable area	mm759 x 421	mm759 x 421
Weight	kg89	kg89



539865 Tool trolley FACOM

Facom Jet M4A with 8 drawers, capacity of 4 tool modules per drawer; drawers are fully extendable with self-closing return spring for efficient and secure closing, extremely robust sheet steel construction with SOFT buffers on the 4 corners, reinforced worktop consisting of a 2-mm deep-drawn aluminium plate covering a 15-mm wooden board, fully integrated handle, retractable side edges with holders for 8 screwdrivers, which slide into the worktop under heavy loads. Central locking system with foldable key; 4 high-performance wheels with a diameter of 125 mm, 2 steering, 2 fixed, each with a locking brake. Perforated sides for attaching tools using hooks or holders. Various accessories can be attached to the sides and back panel, such as holders for canisters, additional cabinets etc.

Order ID	539865.0100	539865.0200
Type	JET.8NM4A	JET.8M4A
Colour	RAL 9005/black	RAL 3020/red
Width	mm1004	mm1004
Height	mm1005	mm1005
Depth	mm575	mm575
Number of drawers	8	8
Drawer height	mm6 x 60 2 x 130	mm6 x 60 2 x 130
Drawers usable area	mm759 x 421	mm759 x 421
Weight	kg95	kg95



539955 Tool trolley FACOM

Facom Jet M3A with 6 drawers, capacity of 3 tool modules per drawer; drawers are fully extendable with self-closing return spring for efficient and secure closing, extremely robust sheet steel construction with SOFT buffers on the 4 corners, reinforced worktop consisting of a 2-mm deep-drawn aluminium plate covering a 15-mm wooden board, fully integrated handle, retractable side edges with holders for 8 screwdrivers, which slide into the worktop under heavy loads. Central locking system with foldable key; 4 high-performance wheels with a diameter of 125 mm, 2 steering, 2 fixed, each with a locking brake. Perforated sides for attaching tools using hooks or holders. Various accessories can be attached to the sides and back panel, such as holders for canisters, additional cabinets etc.

Order ID	539955.0100	539955.0200
Type	JET.6NM3A	JET.6M3A
Colour	RAL 9005/black	RAL 3020/red
Width	814	814
Height	1005	1005
Depth	575	575
Number of drawers	6	6
Drawer height	4 x 60 1 x 130 1 x 270	4 x 60 1 x 130 1 x 270
Drawers usable area	569 x 421	569 x 421
Weight	75	75



539965 Tool trolley FACOM

Facom Jet M3A with 7 drawers, capacity of 3 tool modules per drawer; drawers are fully extendable with self-closing return spring for efficient and secure closing, extremely robust sheet steel construction with SOFT buffers on the 4 corners, reinforced worktop consisting of a 2-mm deep-drawn aluminium plate covering a 15-mm wooden board, fully integrated handle, retractable side edges with holders for 8 screwdrivers, which slide into the worktop under heavy loads. Central locking system with foldable key; 4 high-performance wheels with a diameter of 125 mm, 2 steering, 2 fixed, each with a locking brake. Perforated sides for attaching tools using hooks or holders. Various accessories can be attached to the sides and back panel, such as holders for canisters, additional cabinets etc.

Order ID	539965.0100	539965.0200
Type	JET.7NM3A	JET.7M3A
Colour	RAL 9005/black	RAL 3020/red
Width	814	814
Height	1005	1005
Depth	575	575
Number of drawers	7	7
Drawer height	5 x 60 1 x 130 1 x 200	5 x 60 1 x 130 1 x 200
Drawers usable area	569 x 421	569 x 421
Weight	77	77



539970 Tool trolley FACOM

Facom Jet M4A with 7 drawers, capacity of 4 tool modules per drawer; drawers are fully extendable with self-closing return spring for efficient and secure closing, extremely robust sheet steel construction with SOFT buffers on the 4 corners, reinforced worktop consisting of a 2-mm deep-drawn aluminium plate covering a 15-mm wooden board, fully integrated handle, retractable side edges with holders for 8 screwdrivers, which slide into the worktop under heavy loads. Central locking system with foldable key; 4 high-performance wheels with a diameter of 125 mm, 2 steering, 2 fixed, each with a locking brake. Perforated sides for attaching tools using hooks or holders. Various accessories can be attached to the sides and back panel, such as holders for canisters, additional cabinets etc.

Order ID	539970.0100	539970.0200
Type	JET.7NM4A	JET.7M4A
Colour	RAL 9005/black	RAL 3020/red
Width	1004	1004
Height	1005	1005
Depth	575	575
Number of drawers	7	7
Drawer height	5 x 60 1 x 130 1 x 200	5 x 60 1 x 130 1 x 200
Drawers usable area	759 x 421	759 x 421
Weight	92	92



539980 Tool trolley FACOM

Facom Jet M3AS, with 6 drawers, capacity of 3 tool modules per drawer; drawers are fully extendable with self-closing return spring for efficient and secure closing, extremely robust sheet steel construction with SOFT buffers on the four corners. Featuring the **Safety Lock System**, which prevents more than one drawer from being opened at the same time, therefore preventing the trolley from falling forwards. Reinforced worktop consisting of a 2-mm deep-drawn aluminium plate covering a 15-mm wooden board, fully integrated handle, retractable side edges with holders for eight screwdrivers. Central locking system with foldable key; 4 high-performance wheels with a diameter of 125 mm, 2 steering, 2 fixed, each with a locking brake; epoxy powder coating. Perforated sides for attaching tools using hooks or holders. Various accessories can be attached to the sides and back panel, such as holders for canisters, additional cabinets etc.

Order ID	539980.0100	
Type	JET.6NM3AS	
Colour	RAL 9005/black	
Width	mm	814
Height	mm	1005
Depth	mm	575
Number of drawers	6	
Drawer height	mm	4 x 60 1 x 130 1 x 270
Drawers usable area	mm	569 x 421
Weight	kg	76



551255 Cotton cleaning rags

Medium-weight jersey fabric made from 100% cotton. Ideal for general cleaning in industrial workshops and service companies. Very soft, absorbent material, tear-resistant and low-lint.

Minimum quantity (5 kg units) = 2 pieces

Pallet quantity (25 kg units) = 24 pieces

Pallet quantity (5 kg units) = 100 pieces

Appropriate accessories:

552850 Cotton waste container

Order ID	Colour	Contents
551255.0100	White	kg 25
551255.0250	Light coloured	5
551255.0300	Light coloured	25



551255.0100



551255.0250



551255.0300

551642 Rubber floor cleaner

Black natural rubber with stainless metal body, aluminium handle with black plastic hanger.

Appropriate spare parts:

551657.0100 Replacement rubber squeegee 550 mm

Order ID	Width	Stick length
	mm	mm
551642.0100	550	1400



551657 Replacement rubber squeegee

Black natural rubber with stainless metal body.

Suitable for:

551642.0100 Rubber floor cleaner 550 mm

Order ID	Width
	mm
551657.0100	550



551946 Cordless hand-held vacuum cleaner STIHL SEA 20



Practical cordless hand-held vacuum cleaner for vacuuming and cleaning small, dry surfaces in garages, workshops or cars. With removable collection container, making the device easy to empty and clean. Crevice nozzle and universal nozzle with removable bristle attachment for a variety of applications. The locking mechanism allows for continuous operation without having to keep the control lever pressed. Excellent filter effect thanks to two-stage filter system. The charging status of the AS 2 battery is shown via an LED display at the push of a button.

Standard accessories included:

- 1 x crevice nozzle
- 1 x universal nozzle
- 1 x brush attachment for universal nozzle
- 1 x extension tube
- 1 x suction hose
- 1 x bag

Appropriate accessories:

- 551947.0100 Set of mini nozzles STIHL for SEA 20
- 551969.0170 Filter element STIHL for SEA 20 / made of paper
- 656508.0100 Battery STIHL AS 2/10.8 V – 2.6 Ah
- 656509.0100 Charger STIHL AL 1

Order ID		551946.0100	551946.0200
Type		SEA 20 (SET)	SEA 20 (SOLO)
Battery included		with AS 2	Battery not included
Charger included		with AL 1	Charger not included
Container capacity	l	0.75	0.75
Nominal voltage	V	10.8	10.8
Sound power level	dB(A)	84	84
Vibration level	m/s²	1.5	1.5
AS 2 battery life	min	14	14
L x W x H	mm	465 x 113 x 187	465 x 113 x 187
Weight without battery	kg	1.1	1.1



SEA 20 (SET)

551947 Set of mini nozzles STIHL for SEA 20

Accessory set for the cordless hand-held vacuum cleaner SEA 20, consisting of three extension tubes and three nozzles that can be combined with each other. For cleaning particularly narrow or hard-to-reach areas, such as gaps between radiators.

Contents:

- 3 x extension tubes
- 3 x nozzles
- 1 x storage bag

Order ID	suitable for
551947.0100	SEA 20



565649 Cordless drill/driver BOSCH clic & go

Bosch GSR 18V-150 C, extremely powerful 18 V cordless drill/driver **with 150 Nm torque** and brushless BiTurbo motor. Robust all-metal drill chuck for the toughest work environments, no overloading thanks to precision clutch, 2-speed gearbox, 25 torque settings + drilling setting, infinitely variable speed regulation and motor brake. Unique control with every task thanks to precise Electronic Angle Detection and swit- chable KickBack Control.

Scope of delivery:

- 565649.0100 Additional handle, belt hook, **without battery pack, without charger, in box**
- 565649.0200 Additional handle, belt hook, **without battery pack, without charger, in L-BOXX 136**

Appropriate accessories:

- 565375 Li-ion batteries GBA BOSCH
- 565378 Li-ion batteries ProCORE BOSCH
- 565380 Chargers BOSCH
- 565644 Multi-charger BOSCH
- 566430 Rechargeable battery starter pack 18 V BOSCH clic & go
- 597999 36-month full service package BOSCH

Order ID		565649.0100	565649.0200
Type		GSR 18V-150 C	GSR 18V-150 C
Battery voltage	V	18	18
Drill chucks	mm	1.5...13	1.5...13
Idle speed	min ⁻¹	0...550 / 0...2200	0...550 / 0...2200
Torque max.	Nm	150	150
hard threaded fastener	Nm	100	100
Soft threaded fastener	Nm	84	84
for wood	mm	150	150
for steel	mm	16	16
Screw Ø max.	mm	13	13
Sound pressure level	dB(A)	81	81
Weight without battery	kg	2.1	2.1



565695 Cordless impact wrench BOSCH clic & go

Bosch GDR 18V-210 C, compact, powerful cordless impact wrench – perfect for hard-to-reach places. The length of the head is extremely well proportioned to the pulling power. **1/4" hexagonal bit chuck.** Comfortable soft grip makes for perfect handling and low user fatigue. Integrated LED light, clockwise/anti-clockwise rotation. **Prevents material damage:** Two standard operating modes on the user interface, self-tapping screw (a) and wood screw (B), deliver more control and fewer broken or chipped screw heads, worn threads and damaged workpieces by slowing down or turning off the impact wrench.

Scope of delivery:
565695.0100 Belt hook, **without battery pack, without charger, in box**
565695.0200 Belt hook, **without battery pack, without charger**, Bluetooth Low Energy module GCY 42 Professional, **in L-BOXX 136**

Appropriate accessories:
565375 Li-ion batteries GBA BOSCH
565378 Li-ion batteries ProCORE BOSCH
565380 Chargers BOSCH
565644 Multi-charger BOSCH
566430 Rechargeable battery starter pack 18 V BOSCH clic & go
597999 36-month full service package BOSCH

Order ID		565695.0100	565695.0200
Type		GDR 18V-210 C	GDR 18V-210 C
Battery voltage	V	18	18
Torque Settings		3	3
Torque max.	Nm	210	210
Loosening torque max.	Nm	370	370
Rated impact frequency	min ⁻¹	0...4100	0...4100
Idle speed	min ⁻¹	0...3400	0...3400
Screw Ø max.	mm	16	16
Weight without battery	kg	1.1	1.1



565729 Cordless impact drill/driver BOSCH clic & go

Bosch GSB 18V-110 C, extremely powerful, robust 18 V impact wrench – with brushless motor and impact drilling function. The impact drill/driver is highly resistant and suitable for the toughest workplace conditions thanks to its solid metal drill chuck. Two-speed gearbox, autolock, KickBack Control, electronic motor protection, handle and precision clutch. Direct pairing with smartphone via Bluetooth connectivity option for additional tool control (optional).

Scope of delivery:
565729.0100 Additional handle, belt hook, **without battery pack, without charger, in box**
565729.0200 Additional handle, belt hook, **without battery pack, without charger, in L-BOXX 136**

Appropriate accessories:
565375 Li-ion batteries GBA BOSCH
565378 Li-ion batteries ProCORE BOSCH
565380 Chargers BOSCH
565644 Multi-charger BOSCH
566430 Rechargeable battery starter pack 18 V BOSCH clic & go
597999 36-month full service package BOSCH

Order ID		565729.0100	565729.0200
Type		GSB 18V-110 C	GSB 18V-110 C
Battery voltage	V	18	18
Drill chucks	mm	1.5...13	1.5...13
Idle speed	min ⁻¹	0...480 / 0...2100	0...480 / 0...2100
Impact frequency	min ⁻¹	31500	31500
Torque Settings		25 + 2	25 + 2
Torque max.	Nm	110	110
hard threaded fastener	Nm	85	85
Soft threaded fastener	Nm	47	47
for wood	mm	82	82
for steel	mm	13	13
for concrete	mm	16	16
Screw Ø max.	mm	12	12
Weight without battery	kg	1.9	1.9



565731 Cordless impact drill/driver BOSCH clic & go

Bosch GSB 18V-150 C, extremely powerful 18 V cordless impact drill/driver with 150 Nm torque and brushless BiTurbo motor. Robust solid metal drill chuck for the toughest work environments, no overloading thanks to precision clutch, two-speed gearbox, infinitely variable speed regulation and motor brake. Electronic Angle Detection ensures the correct angle for long screws, and its switchable KickBack Control for working with hole saws reduces the risk of sudden rotation around the axis if the tool jams.



Scope of delivery:

- 565731.0100 Additional handle, belt hook, without battery pack, without charger, in box
565731.0200 Additional handle, belt hook, without battery pack, without charger, in L-BOXX 136

Appropriate accessories:

- 565375 Li-ion batteries GBA BOSCH
565378 Li-ion batteries ProCORE BOSCH
565380 Chargers BOSCH
565644 Multi-charger BOSCH
566430 Rechargeable battery starter pack 18 V BOSCH clic & go
597999 36-month full service package BOSCH

Order ID		565731.0100	565731.0200
Type		GSB 18V-150 C	GSB 18V-150 C
Battery voltage	V	18	18
Drill chucks	mm	1.5...13	1.5...13
Idle speed	min ⁻¹	0...550 / 0...2200	0...550 / 0...2200
Impact frequency	min ⁻¹	30000	30000
Torque Settings		25 + 2	25 + 2
Torque max.	Nm	150	150
hard threaded fastener	Nm	100	100
Soft threaded fastener	Nm	84	84
for wood	mm	150	150
for steel	mm	16	16
for concrete	mm	20	20
Screw Ø max.	mm	13	13
Weight without battery	kg	2.2	2.2

570025 Universal grinder DREMEL



Dremel 4250-3/45, maximum performance for demanding projects: Carving, engraving, milling, cutting/ separating, sanding, grinding, sharpening, polishing and cleaning. Quick change system EZ Twist and variable speed setting. Complete set including 45 accessories, 3 attachments and two storage solutions.



Scope of delivery:

- 570025.0100 1 universal grinder DREMEL 4250, 45 high-quality Dremel accessories for grinding, cutting, drilling, engraving, sanding and polishing, flexible shaft, parallel and circular cutter, protective hood attachment, user manual, tool holder, carrying case with removable accessory insert

Appropriate accessories:

- 570020 Accessories DREMEL
LT000040323 Zubehöre
LT000040325 Vorsatzgeräte

Order ID		570025.0100
Type		4250-3/45
Power	W	175
Idle speed	min ⁻¹	5000...35000
Tool holder		EZ Twist
Voltage	V/Hz	230 / 50
Sound pressure level	dB(A)	72.5
Vibration level	m/s ²	14.1
Dimensions	mm	230 x 40 x 50
Weight	g	660

599656 Trousers PAYPER

NEXT 4W anthracite/black

90% nylon and 10% elastane

Stretch unisex trousers that can be worn all year round, with elasticated waistband at the side, belt loops and fly with zip and customised button. Two shaped pockets on the front, one coin pocket on the right side and a safety pocket with zip on the left side. There is a bellows pocket on the front of the left leg, with a rip-tape fastening on the flap and an ID card holder. The front of the right leg has a mobile phone pocket with reflective piping and a bellows pocket. **Both legs are equipped with knee pads in contrasting fabric (with opening from below)** with reflective inserts at the opening. The back has a flap pocket with rip-tape fastening, one pocket with two reflective stripes, a yard stick pocket (right leg), reflective inserts at the knees (both legs) and contrasting kick tape (both legs). **Triple-stitched seams at the crotch and on the inside and outside of the legs, reinforcing inserts in contrasting colours in various areas.**



Alternatively also available:

- 599657 Trousers PAYPER NEXT 4W green/black
- 599658 Trousers PAYPER NEXT 4W navy blue/black
- 599659 Trousers PAYPER NEXT 4W smoke grey/black
- 599660 Trousers PAYPER NEXT 4W black/black

Order ID	Size	Order ID	Size
599656.0100	42	599656.0700	54
599656.0200	44	599656.0800	56
599656.0300	46	599656.0900	58
599656.0400	48	599656.1000	60
599656.0500	50	599656.1100	62
599656.0600	52	599656.1200	64

599657 Trousers PAYPER

NEXT 4W green/black

90% nylon and 10% elastane

Stretch unisex trousers that can be worn all year round, with elasticated waistband at the side, belt loops and fly with zip and customised button. Two shaped pockets on the front, one coin pocket on the right side and a safety pocket with zip on the left side. There is a bellows pocket on the front of the left leg, with a rip-tape fastening on the flap and an ID card holder. The front of the right leg has a mobile phone pocket with reflective piping and a bellows pocket. **Both legs are equipped with knee pads in contrasting fabric (with opening from below)** with reflective inserts at the opening. The back has a flap pocket with rip-tape fastening, one pocket with two reflective stripes, a yard stick pocket (right leg), reflective inserts at the knees (both legs) and contrasting kick tape (both legs). **Triple-stitched seams at the crotch and on the inside and outside of the legs, reinforcing inserts in contrasting colours in various areas.**



Alternatively also available:

- 599656 Trousers PAYPER NEXT 4W anthracite/black
- 599658 Trousers PAYPER NEXT 4W navy blue/black
- 599659 Trousers PAYPER NEXT 4W smoke grey/black
- 599660 Trousers PAYPER NEXT 4W black/black

Order ID	Size	Order ID	Size
599657.0100	42	599657.0700	54
599657.0200	44	599657.0800	56
599657.0300	46	599657.0900	58
599657.0400	48	599657.1000	60
599657.0500	50	599657.1100	62
599657.0600	52	599657.1200	64

599658 Trousers PAYPER

NEXT 4W navy blue/black

90% nylon and 10% elastane

Stretch unisex trousers that can be worn all year round, with elasticated waistband at the side, belt loops and fly with zip and customised button. Two shaped pockets on the front, one coin pocket on the right side and a safety pocket with zip on the left side. There is a bellows pocket on the front of the left leg, with a rip-tape fastening on the flap and an ID card holder. The front of the right leg has a mobile phone pocket with reflective piping and a bellows pocket. **Both legs are equipped with knee pads in contrasting fabric (with opening from below)** with reflective inserts at the opening. The back has a flap pocket with rip-tape fastening, one pocket with two reflective stripes, a yard stick pocket (right leg), reflective inserts at the knees (both legs) and contrasting kick tape (both legs). **Triple-stitched seams at the crotch and on the inside and outside of the legs, reinforcing inserts in contrasting colours in various areas.**



Alternatively also available:

- 599656 Trousers PAYPER NEXT 4W anthracite/black
- 599657 Trousers PAYPER NEXT 4W green/black
- 599659 Trousers PAYPER NEXT 4W smoke grey/black
- 599660 Trousers PAYPER NEXT 4W black/black

Order ID	Size	Order ID	Size
599658.0100	42	599658.0700	54
599658.0200	44	599658.0800	56
599658.0300	46	599658.0900	58
599658.0400	48	599658.1000	60
599658.0500	50	599658.1100	62
599658.0600	52	599658.1200	64

599659 Trousers PAYPER

NEXT 4W smoke grey/black

90% nylon and 10% elastane

Stretch unisex trousers that can be worn all year round, with elasticated waistband at the side, belt loops and fly with zip and customised button. Two shaped pockets on the front, one coin pocket on the right side and a safety pocket with zip on the left side. There is a bellows pocket on the front of the left leg, with a rip-tape fastening on the flap and an ID card holder. The front of the right leg has a mobile phone pocket with reflective piping and a bellows pocket. **Both legs are equipped with knee pads in contrasting fabric (with opening from below)** with reflective inserts at the opening. The back has a flap pocket with rip-tape fastening, one pocket with two reflective stripes, a yard stick pocket (right leg), reflective inserts at the knees (both legs) and contrasting kick tape (both legs). **Triple-stitched seams at the crotch and on the inside and outside of the legs, reinforcing inserts in contrasting colours in various areas.**



Alternatively also available:

- 599656 Trousers PAYPER NEXT 4W anthracite/black
- 599657 Trousers PAYPER NEXT 4W green/black
- 599658 Trousers PAYPER NEXT 4W navy blue/black
- 599660 Trousers PAYPER NEXT 4W black/black

Order ID	Size	Order ID	Size
599659.0100	42	599659.0700	54
599659.0200	44	599659.0800	56
599659.0300	46	599659.0900	58
599659.0400	48	599659.1000	60
599659.0500	50	599659.1100	62
599659.0600	52	599659.1200	64

599660 Trousers PAYPER

NEXT 4W black/black

90% nylon and 10% elastane

Stretch unisex trousers that can be worn all year round, with elasticated waistband at the side, belt loops and fly with zip and customised button. Two shaped pockets on the front, one coin pocket on the right side and a safety pocket with zip on the left side. There is a bellows pocket on the front of the left leg, with a rip-tape fastening on the flap and an ID card holder. The front of the right leg has a mobile phone pocket with reflective piping and a bellows pocket. **Both legs are equipped with knee pads in contrasting fabric (with opening from below)** with reflective inserts at the opening. The back has a flap pocket with rip-tape fastening, one pocket with two reflective stripes, a yard stick pocket (right leg), reflective inserts at the knees (both legs) and contrasting kick tape (both legs). **Triple-stitched seams at the crotch and on the inside and outside of the legs, reinforcing inserts in contrasting colours in various areas.**



Alternatively also available:

- 599656 Trousers PAYPER NEXT 4W anthracite/black
- 599657 Trousers PAYPER NEXT 4W green/black
- 599658 Trousers PAYPER NEXT 4W navy blue/black
- 599659 Trousers PAYPER NEXT 4W smoke grey/black

Order ID	Size	Order ID	Size
599660.0100	42	599660.0700	54
599660.0200	44	599660.0800	56
599660.0300	46	599660.0900	58
599660.0400	48	599660.1000	60
599660.0500	50	599660.1100	62
599660.0600	52	599660.1200	64

642002 Manhole cover lifter with brass impact sleeve

Manhole cover lifter with brass and steel impact sleeve. Red painted with hook and socket. Square, 1/2" drive.

Order ID	Length mm	Width mm
642002.0100	750	500



656138 Saw chain STIHL 3693, .325", 1.3 mm

Rapid Micro (23 RM)

Comfort saw chain with low vibrations, soft cutting properties and low chatter.

Order ID		656138.0100	656138.0200
For rail lengths of	cm	40	45
Number of drive links		67	74
Drive link thickness		1.3mm / 0.051"	1.3mm / 0.051"
Chain pitch		8.25mm / .325"	8.25mm / .325"
STIHL article number		3693 000 0067	3693 000 0074
STIHL saw chain type		23 RM 67	23 RM 74



RM - .325"

656139 Saw chain STIHL 3686, .325", 1.6 mm

Rapid Micro (26 RM)

Comfort saw chain with low vibrations, soft cutting properties and low chatter.

Order ID	656139.0100	656139.0200	656139.0300
For rail lengths of	37	40	45
Number of drive links	62	67	74
Drive link thickness	1.6mm / 0.063"	1.6mm / 0.063"	1.6mm / 0.063"
Chain pitch	8.25mm / .325"	8.25mm / .325"	8.25mm / .325"
STIHL article number	3686 000 0062	3686 000 0067	3686 000 0074
STIHL saw chain type	26 RM 62	26 RM 67	26 RM 74



RM - .325"

656140 Saw chain STIHL 3652, 3/8", 1.6 mm

Rapid Micro Comfort (36 RMC)

Comfort saw chain with low vibrations, soft cutting properties and low chatter.

Order ID	656140.0100	656140.0200	656140.0300
For rail lengths of	40	45	50
Number of drive links	60	66	72
Drive link thickness	1.6mm / 0.063"	1.6mm / 0.063"	1.6mm / 0.063"
Chain pitch	9.32mm / 3/8"	9.32mm / 3/8"	9.32mm / 3/8"
STIHL article number	3652 000 0060	3652 000 0066	3652 000 0072
STIHL saw chain type	36 RMC 60	36 RMC 66	36 RMC 72



RMC - 3/8"

656141 Saw chain STIHL 3664, 3/8", 1.6 mm

Rapid Micro Comfort 3 (36 RMC3)

Low kickback Comfort saw chain with low vibrations, soft cutting properties and low chatter.

Order ID	656141.0100	
For rail lengths of	cm	50
Number of drive links		72
Drive link thickness		1.6mm / 0.063"
Chain pitch		9.32mm / 3/8"
STIHL article number		3664 000 0072
STIHL saw chain type		36 RMC3 72



RMC3 - 3/8"

656251 Cordless rotary shears STIHL RGA 140

Rechargeable battery system AP



Powerful cordless rotary shears for professional mechanical weeding. AP battery compartment in the device, ergonomic control handle with three-level speed pre-selection and LED display and infinitely variable speed control, two hand grip, single carry strap, air filter for long service life. The robust rotary shears allow effective and very low-slinging removal of weeds and grass on different surfaces such as gravel or fixed surfaces. Fitting in the device housing for retrofitting the STIHL Smart Connector 2 A.

Order ID	656251.0100	656251.0200
Type	RGA 140 (SET)	RGA 140 (SET)
Battery included	With AP 300 S	Battery not included
Charger included	With AL 300	Charger not included
Cutting circle diameter	mm	230
Cutting tool		RG
Nominal voltage	V	36
Overall length without cutting tool	cm	183
Sound pressure level	dB(A)	81
Sound power level	dB(A)	95
Vibration level on the left/right	m/s²	2.3 / 2.4
AP 100 battery life	min	25
AP 200 battery life	min	50
AP 300 battery life	min	70
AP 300 S battery life	min	100
AP 500 S battery life	min	120
AR 2000 L battery life	min	310
AR 3000 L battery life	min	430
Weight without battery	kg	6.4



RGA 140

656461 Collection bag STIHL

for SHA 56

The standard collection bag for the cordless vacuum shredder STIHL SHA 56.

Order ID	STIHL article number	Contents	suitable for	Version
656461.0050	SA02 700 9700	40	SHA 56	Supplied with connector fitted so that the old collection bag can be quickly replaced.
656461.0100	SA02 700 9701	40	SHA 56	Supplied without connector, for self-assembly on the existing connector using the cable tie supplied.



SA02 700 9700

656739 High-pressure cleaner STIHL RE 90 PLUS

Lightweight, comfortable pressure washer with robust aluminium high pressure pump, rotor nozzle, adjustable flat jet nozzle and cleaning product spray set. Storage position for storing the lance during break periods as well as space-saving, secure storage of the accessories on the actual machine. Quick coupling for easy connection of the high-pressure hose to the high-pressure cleaner and gun. With hose reel (PLUS) for particularly easy handling and storage of the 6 m high-pressure hose.

Order ID		656739.0100
Type		RE 90 PLUS
Working pressure	bar	10...100
	bar	130
	l/h	350
Max. Water flow rate	l/h	440
Max. Water inflow temperature	°C	40
Sound pressure level	dB(A)	76
Sound power level	dB(A)	90
Vibration level	m/s²	< 2.5
Voltage	V	230
Power consumption	kW	2.1
Fuse	A	10
Speed	min⁻¹	21000
Protection class		IPX5
Cable length	m	5
Hose length	m	6
Weight	kg	9



658012 Toy saw STIHL MS 500i

After the relaunch, the „entry-level model for children“ comes battery-operated and has the look and feel of the innovative STIHL MS 500i. It playfully mirrors many functions of the „big one“, from the movable, replaceable chain to the LED indicator light to the new rail design. Particularly parent-friendly: To prevent the toy chain saw getting on parents' nerves, the sawing noise can be adjusted to a comfortable level using the volume control.

Order ID		658012.0100
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675147 Folding sign R2 construction site

Reflective, type R2 (highly reflective), with galvanised spring leg, folding, includes protective case.

Order ID	Version	Size
675147.0100	R2 (highly reflective design)	90 cm



675148 Warning sign with reflective inserts R2 TRIOPAN

The warning signs for overhanging loads are a suitable signage solution for transporting overhanging loads. The case and strap are included in the package.

Order ID	Version	Height mm	Width mm	Depth mm
675148.0100	R2 (highly reflective design)	450	500	420



675149 Manhole grating hazard Blitz

Made of white plastic, consisting of 4 elements. Barrier and tracing strip with reflective foil, class vRA2B red/white, Switzerland.

Order ID		675149.0200
Version		
Material		
Colour		
Length	mm	1330
Height	mm	1035
Thickness		35
Weight	kg	38.4
Scope of delivery		



680074 Stand-up fan with remote control BESTON

The fan has 3 speeds (low-medium-high) and two modes (natural breeze and gentle breeze in the sleep function). The fan can be controlled via the control panel or via the remote control with on/off switch. The fan has a digital timer (maximum 7.5 hours until automatic shut-off).

Order ID	680074.0100	
Power	W	45
Size	mm	630 x 630 x 1220
Weight	kg	2.8
Connection	V/Hz	220...240 / 50/60
Colour	Black	
Adjustability	mm	1020...1220



870046 Stainless steel hose roller CEJN

Washdown series 913

Material:

Stainless AISI 304

The stainless steel Washdown hose rollers from CEJN are ideal for increasing safety and efficiency in corrosive and generally harsh work environments. They can be used, for example, in contact with salt water or in applications where a high degree of hygiene must be ensured. The hose rollers feature a high-quality spring, a four-roller hose guide and an outside-mounted swivel bushing for easy assembly and maintenance.

The PVC hoses incl. the hose protectors are approved for food contact in accordance with EU regulations 1935/2004/EC and 10/2011/EC.

Order ID	Hose length	Hose inside Ø mm	Hose outside Ø mm	Weight	Ø mm	Working pressure max. bar
	m					
870046.0100	20			20 Kg	442	
870046.0200	15	13	20	23.5 Kg	442	10
870046.0300	20	13	20	25 Kg	442	10
870046.0400	20			22 Kg	442	
870046.0500	20	19	27	30 Kg	442	10



870053 Water spray gun

Washdown series 913

Material variants:

Nickel-plated brass

Series 913 spray guns

Spray guns for cleaning applications in classic design with polypropylene protection, suitable for hot water up to 90° (194°F), for continuous use up to 60°C (140°F).

Max. working pressure: 24 bar (348 PSI)

Max. flow rate: 60 l/min

Flow rate at 5 bar: 31 l/min

Order ID	Threaded connection	Max. temperature °C	Working pressure bar
870053.0100	1/2" IG	90	24
870053.0200	1/2" IG	90	24



870055 Accessories for hose roller

Washdown series 913

Order ID	Original No.	Designation
870055.0100	19 913 9211	Induit hose for the 913 series open hose reel made of stainless steel. Length 1 metre connections 1/2".
870055.0200	19 913 9212	Induit hose for the 913 series open hose reel made of stainless steel. Length 2 metre connections 1/2".
870055.0300	19 913 9213	Induit hose for the 913 series open hose reel made of stainless steel. Length 3 metre connections 1/2".
870055.0400	19 913 9221	Induit hose for the 913 series open hose reel made of stainless steel. Length 1 metre connections 3/4".
870055.0500	19 913 9222	Induit hose for the 913 series open hose reel made of stainless steel. Length 2 metre connections 3/4".
870055.0600	19 913 9223	Induit hose for the 913 series open hose reel made of stainless steel. Length 3 metre connections 3/4".
870055.0700	19 913 9500	The swivel bracket allows the retractor to be swivelled by +/- 50°. CEJN Series 913 reels are wall mounted at a 90° angle. The swivel mount helps to pull the hose from the reel and rewind it at a smaller angle, allowing use with less effort.
870055.0800	19 913 9501	The swivel bracket allows the retractor to be swivelled by +/- 50°. CEJN Series 913 reels are wall mounted at a 90° angle. The swivel mount helps to pull the hose from the reel and rewind it at a smaller angle, allowing use with less effort.
870055.0900	19 913 9510	Feed swivel for the 913 series open hose reel made of stainless steel.
870055.1000	19 913 9511	Feed swivel for the 913 series open hose reel made of stainless steel.
870055.1100	19 913 9524	Stop Ball on the hose for the 913 series open hose reel made of stainless steel.
870055.1200	19 913 9525	Stop Ball on the hose for the 913 series open hose reel made of stainless steel.



870057 Set safety blowgun Multi-Flow

With CEJN spiral hose

A lightweight and especially abrasion-resistant polyurethane spiral hose, which is very flexible.
A rotatable Stream-Line adapter as well as a Stream-Line nipple from series 300 (CH profile) and the high-quality safety blowing-out gun from CEJN (article 11 210 9952S) with a very high flow rate and a fixed silencer nozzle.

Max. flow rate: 558 l/min
Noise level: 84.2 dB(A)

SUVA certified no. 7158



Order ID		870057.0100	870057.0200
Original No.		CAG-19-958-9658T	CAG-19-958-9658R
Working length	m	6	8
Hose outside Ø	mm	10	12
Hose inside Ø	mm	6.5	8
Temperature range	°C	-20...+80	-20...+80
Air flow	l/min	558	558
Working pressure max.	bar	16	16
Sound pressure level	dB(A)	84,2	84,2

870130 Quick-release coupling CEJN

NON-DRIP series 267, nominal size 4

Material:

Nickel-plated brass

Sealant: NBR

NON-DRIP series 267

With their almost infinite combination options, the modular drip-free couplings from CEJN can be adapted to most applications and system requirements. The drip-free design of this series enables almost leak-free working, prevents pollution of the environment and prevents air pockets during coupling and uncoupling.



Order ID		870130.0100	870130.0200
Threaded connection		G 1/4"	G 1/4"
Flow rate	l/min	17	17
Nominal size	mm	4	4
Working pressure max.	bar	20	20
Temperature range	°C	-15...+100	-15...+100
Length	mm	43.5	43.5
Ø	mm	23	23

870131 Connection nipple CEJN

NON-DRIP series 267, nominal size 4

Material:

Nickel-plated brass

Sealant: NBR

NON-DRIP series 267

With their almost infinite combination options, the modular drip-free couplings from CEJN can be adapted to most applications and system requirements. The drip-free design of this series enables almost leak-free working, prevents pollution of the environment and prevents air pockets during coupling and uncoupling.



Order ID		870131.0100	870131.0200
Threaded connection		G 1/4"	G 1/4"
Flow rate	l/min	17	17
Nominal size	mm	4	4
Working pressure max.	bar	20	20
Temperature range	°C	-15...+100	-15...+100
Length	mm	48.5	48.5
Ø	mm	20	20

870132 Quick-release coupling CEJN

NON-DRIP series 277, nominal size 4

Material:

Stainless steel

Sealant: FPM

NON-DRIP series 277

With their almost infinite combination options, the modular drip-free couplings from CEJN can be adapted to most applications and system requirements. The drip-free design of this series enables almost leak-free working, prevents pollution of the environment and prevents air pockets during coupling and uncoupling.



Order ID		870132.0100	870132.0200
Threaded connection		G 1/4"	G 1/4"
Flow rate	l/min	17	17
Nominal size	mm	4	4
Working pressure max.	bar	16	16
Temperature range	°C	-5...+205	-5...+205
Length	mm	43.5	43.5
Ø	mm	23	23

870133 Connection nipple CEJN

NON-DRIP series 277, nominal size 4

Material:
Stainless steel
Sealant: FPM

NON-DRIP series 277

With their almost infinite combination options, the modular drip-free couplings from CEJN can be adapted to most applications and system requirements. The drip-free design of this series enables almost leak-free working, prevents pollution of the environment and prevents air pockets during coupling and uncoupling.

Order ID		870133.0100	870133.0200
Threaded connection		G 1/4"	G 1/4"
Flow rate	l/min	17	17
Nominal size	mm	4	4
Working pressure max.	bar	20	20
Temperature range	°C	-5...+205	-5...+205
Length	mm	48.5	48.5
Ø	mm	20	20



870134 Quick-release coupling CEJN

NON-DRIP series 467, nominal size 6

Material:
Nickel-plated brass
Sealant: NBR

NON-DRIP series 467

With their almost infinite combination options, the modular drip-free couplings from CEJN can be adapted to most applications and system requirements. The drip-free design of this series enables almost leak-free working, prevents pollution of the environment and prevents air pockets during coupling and uncoupling.

Order ID		870134.0100	870134.0200
Threaded connection		G 3/8"	G 3/8"
Flow rate	l/min	36	36
Nominal size	mm	6	6
Working pressure max.	bar	20	20
Temperature range	°C	-15...+100	-15...+100
Length	mm	45	45
Ø	mm	29	29



870135 Connection nipple CEJN

NON-DRIP series 467, nominal size 6

Material:
Nickel-plated brass
Sealant: NBR

NON-DRIP series 467

With their almost infinite combination options, the modular drip-free couplings from CEJN can be adapted to most applications and system requirements. The drip-free design of this series enables almost leak-free working, prevents pollution of the environment and prevents air pockets during coupling and uncoupling.

Order ID		870135.0100	870135.0200
Threaded connection		G 3/8"	G 3/8"
Flow rate	l/min	36	36
Nominal size	mm	6	6
Working pressure max.	bar	20	20
Temperature range	°C	-15...+100	-15...+100
Length	mm	52	52
Ø	mm	24	24



870136 Quick-release coupling CEJN

NON-DRIP series 477, nominal size 6

Material:
Stainless steel
Sealant: FPM

NON-DRIP series 477

With their almost infinite combination options, the modular drip-free couplings from CEJN can be adapted to most applications and system requirements. The drip-free design of this series enables almost leak-free working, prevents pollution of the environment and prevents air pockets during coupling and uncoupling.

Order ID		870136.0100	870136.0200
Threaded connection		G 3/8"	G 3/8"
Flow rate	l/min	36	36
Nominal size	mm	6	6
Working pressure max.	bar	20	20
Temperature range	°C	-5...+205	-5...+205
Length	mm	45	45
Ø	mm	29	29



870137 Connection nipple CEJN

NON-DRIP series 477, nominal size 6

Material:
Stainless steel
Sealant: FPM

NON-DRIP series 477

With their almost infinite combination options, the modular drip-free couplings from CEJN can be adapted to most applications and system requirements. The drip-free design of this series enables almost leak-free working, prevents pollution of the environment and prevents air pockets during coupling and uncoupling.

Order ID		870137.0100	870137.0200
Threaded connection		G 3/8"	G 3/8"
Flow rate	l/min	36	36
Nominal size	mm	6	6
Working pressure max.	bar	20	20
Temperature range	°C	-5...+205	-5...+205
Length	mm	45	45
Ø	mm	29	29



870138 Quick-release coupling CEJN

NON-DRIP series 567, nominal size 9

Material:
Nickel-plated brass
Sealant: NBR

NON-DRIP series 567

With their almost infinite combination options, the modular drip-free couplings from CEJN can be adapted to most applications and system requirements. The drip-free design of this series enables almost leak-free working, prevents pollution of the environment and prevents air pockets during coupling and uncoupling.

Order ID		870138.0100	870138.0200	870138.0300	870138.0400
Threaded connection		G 1/2"	G 1/2"	G 1/2"	G 1/2"
Flow rate	l/min	76	76	76	76
Nominal size	mm	9	9	9	9
Working pressure max.	bar	20	20	20	20
Temperature range	°C	-15...+100	-15...+100	-15...+100	-15...+100
Length	mm	52.5	52.5	52.5	52.5
Ø	mm	34	34	34	34



870139 Connection nipple CEJN

NON-DRIP series 567, nominal size 9

Material:
Nickel-plated brass
Sealant: NBR

NON-DRIP series 567

With their almost infinite combination options, the modular drip-free couplings from CEJN can be adapted to most applications and system requirements. The drip-free design of this series enables almost leak-free working, prevents pollution of the environment and prevents air pockets during coupling and uncoupling.

Order ID		870139.0100	870139.0200	870139.0300	870139.0400
Threaded connection		G 1/2"	G 1/2"	G 1/2"	G 1/2"
Flow rate	l/min	76	76	76	76
Nominal size	mm	9	9	9	9
Working pressure max.	bar	20	20	20	20
Temperature range	°C	-15...+100	-15...+100	-15...+100	-15...+100
Length	mm	56.5	56.5	56.5	56.5
Ø	mm	29	29	29	29



870140 Dust protection cap

for quick-release coupling NON-DRIP series 267/277

Dust protection caps for quick-release couplings from series 267/277 are used for non-drip closure of the couplings

Order ID	Nominal size mm	Order ID	Nominal size mm
870140.0400	6	870140.0100	4
870140.0500	9	870140.0200	4
870140.0600	9	870140.0300	6
870140.0700	14	870140.0900	19
870140.0800	14	870140.1000	19



870142 Quick-release coupling CEJN

NON-DRIP series 577, nominal size 9

Material:
Stainless steel
Sealant: FPM

NON-DRIP series 577

With their almost infinite combination options, the modular drip-free couplings from CEJN can be adapted to most applications and system requirements. The drip-free design of this series enables almost leak-free working, prevents pollution of the environment and prevents air pockets during coupling and uncoupling.

Order ID		870142.0100	870142.0400	870142.0200	870142.0300
Threaded connection		G 1/2"	G 1/2"	G 1/2"	G 1/2"
Flow rate	l/min	76	76	76	76
Nominal size	mm	9	9	9	9
Working pressure max.	bar	20	20	20	20
Temperature range	°C	-5...+205	-5...+205	-5...+205	-5...+205
Length	mm	52.5	52.5	52.5	52.5
Ø	mm	34	34	34	34



870143 Connection nipple CEJN

NON-DRIP series 577, nominal size 9

Material:
Stainless steel
Sealant: FPM

NON-DRIP series 577

With their almost infinite combination options, the modular drip-free couplings from CEJN can be adapted to most applications and system requirements. The drip-free design of this series enables almost leak-free working, prevents pollution of the environment and prevents air pockets during coupling and uncoupling.

Order ID	Threaded connection	Flow rate l/min	Nominal size mm	Working pressure max. bar	Temperature range °C	Length mm	Ø mm
870143.0100	G 1/2"	76	9	20	-5...+205	56.5	29
870143.0400	G 1/2"	76	9	20	-5...+205	56.5	29
870143.0500	G 1/2"	76	9	20	-5...+205	56.5	29
870143.0600	G 1/2"	76	9	20	-5...+205	56.5	29
870143.0200	G 1/2"	76	9	20	-5...+205	56.5	29
870143.0300	G 1/2"	76	9	20	-5...+205	56.5	29



870144 Quick-release coupling CEJN

NON-DRIP series 667, nominal size 14

Material:
Nickel-plated brass
Sealant: NBR

NON-DRIP series 667

With their almost infinite combination options, the modular drip-free couplings from CEJN can be adapted to most applications and system requirements. The drip-free design of this series enables almost leak-free working, prevents pollution of the environment and prevents air pockets during coupling and uncoupling.

Order ID		870144.0100	870144.0200
Threaded connection		G 3/4"	G 3/4"
Flow rate	l/min	168	168
Nominal size	mm	14	14
Working pressure max.	bar	20	20
Temperature range	°C	-15...+100	-15...+100
Length	mm	74.7	74.7
Ø	mm	41	41



870145 Connection nipple CEJN

NON-DRIP series 667, nominal size 14

Material:
Nickel-plated brass
Sealant: NBR

NON-DRIP series 667

With their almost infinite combination options, the modular drip-free couplings from CEJN can be adapted to most applications and system requirements. The drip-free design of this series enables almost leak-free working, prevents pollution of the environment and prevents air pockets during coupling and uncoupling.

Order ID		870145.0100	870145.0200
Threaded connection		G 3/4"	G 3/4"
Flow rate	l/min	168	168
Nominal size	mm	14	14
Working pressure max.	bar	20	20
Temperature range	°C	-15...+100	-15...+100
Length	mm	66	66
Ø	mm	36	36



870146 Quick-release coupling CEJN

NON-DRIP series 677, nominal size 14

Material:
Stainless steel
Sealant: FPM

NON-DRIP series 677

With their almost infinite combination options, the modular drip-free couplings from CEJN can be adapted to most applications and system requirements. The drip-free design of this series enables almost leak-free working, prevents pollution of the environment and prevents air pockets during coupling and uncoupling.

Order ID		870146.0100	870146.0200
Threaded connection		G 3/4"	G 3/4"
Flow rate	l/min	168	168
Nominal size	mm	14	14
Working pressure max.	bar	20	20
Temperature range	°C	-5...+205	-5...+205
Length	mm	74.7	74.7
Ø	mm	36	36



870147 Connection nipple CEJN

NON-DRIP series 677, nominal size 14

Material:
Stainless steel
Sealant: FPM

NON-DRIP series 677

With their almost infinite combination options, the modular drip-free couplings from CEJN can be adapted to most applications and system requirements. The drip-free design of this series enables almost leak-free working, prevents pollution of the environment and prevents air pockets during coupling and uncoupling.

Order ID		870147.0100	870147.0200
Threaded connection		G 3/4"	G 3/4"
Flow rate	l/min	168	168
Nominal size	mm	14	14
Working pressure max.	bar	20	20
Temperature range	°C	-5...+205	-5...+205
Length	mm	74.7	74.7
Ø	mm	36	36



870148 Quick-release coupling CEJN

NON-DRIP series 767, nominal size 19

Material:
Nickel-plated brass
Sealant: NBR

NON-DRIP series 767

With their almost infinite combination options, the modular drip-free couplings from CEJN can be adapted to most applications and system requirements. The drip-free design of this series enables almost leak-free working, prevents pollution of the environment and prevents air pockets during coupling and uncoupling.

Order ID		870148.0100	870148.0200
Threaded connection		G 1"	G 1"
Flow rate	l/min	306	306
Nominal size	mm	19	19
Working pressure max.	bar	20	20
Temperature range	°C	-15...+100	-15...+100
Length	mm	82	82
Ø	mm	52	52



870149 Connection nipple CEJN

NON-DRIP series 767, nominal size 19

Material:
Nickel-plated brass
Sealant: NBR

NON-DRIP series 767

With their almost infinite combination options, the modular drip-free couplings from CEJN can be adapted to most applications and system requirements. The drip-free design of this series enables almost leak-free working, prevents pollution of the environment and prevents air pockets during coupling and uncoupling.

Order ID		870149.0100	870149.0200
Threaded connection		G 1"	G 1"
Flow rate	l/min	306	306
Nominal size	mm	19	19
Working pressure max.	bar	20	20
Temperature range	°C	-15...+100	-15...+100
Length	mm	67.5	67.5
Ø	mm	44	44



870150 Quick-release coupling CEJN

ultraFLOW series 287, nominal size 5

Material:
Aluminium, anodised
Sealant: EPDM

The ultraFLOW series 287 is particularly suitable for cooling systems in power electronics. Applications include transport, industrial applications, renewable energies and transmitter systems. This lightweight, high-strength aluminium coupling with a hard surface coating is operated with both hands. It was developed for applications where leakage is to be avoided at all costs. The sophisticated design of ultraFLOW minimises flow losses and creates a long-lasting connection that can be separated without dripping. ultraFLOW is resistant to vibration and mechanical stress. To achieve maximum performance at low operating costs, ultraFLOW offers extremely high flow rates with a uniquely low pressure drop.



Order ID	870150.0100	
Threaded connection	G 1/4" (BSP)	
Nominal size	mm	5
Working pressure max.	bar	10
Temperature range	°C	-40...+150
Length	mm	57.5
B	mm	25
SW	mm	19

870151 Connection nipple CEJN

ultraFLOW series 287, nominal size 5

Material:
Aluminium, anodised
Sealant: EPDM

The ultraFLOW series 287 is particularly suitable for cooling systems in power electronics. Applications include transport, industrial applications, renewable energies and transmitter systems. This lightweight, high-strength aluminium coupling with a hard surface coating is operated with both hands. It was developed for applications where leakage is to be avoided at all costs. The sophisticated design of ultraFLOW minimises flow losses and creates a long-lasting connection that can be separated without dripping. ultraFLOW is resistant to vibration and mechanical stress. To achieve maximum performance at low operating costs, ultraFLOW offers extremely high flow rates with a uniquely low pressure drop.



Order ID	870151.0100	
Threaded connection	G 1/4" (BSP)	
Nominal size	mm	5
Working pressure max.	bar	10
Temperature range	°C	-40...+150
Length	mm	51.5
B	mm	21
SW	mm	19

870152 Quick-release coupling CEJN

ultraFLOW series 288, nominal size 5

Material:
Stainless steel
Sealant: EPDM

The ultraFLOW series 288 is particularly suitable for cooling systems in power electronics. Applications include transport, industrial applications, renewable energies and transmitter systems. This lightweight, high-strength aluminium coupling with a hard surface coating is operated with both hands. It was developed for applications where leakage is to be avoided at all costs. The sophisticated design of ultraFLOW minimises flow losses and creates a long-lasting connection that can be separated without dripping. ultraFLOW is resistant to vibration and mechanical stress. To achieve maximum performance at low operating costs, ultraFLOW offers extremely high flow rates with a uniquely low pressure drop.



Order ID	870152.0100	
Threaded connection	G 1/4" (BSP)	
Nominal size	mm	5
Working pressure max.	bar	10
Temperature range	°C	-40...+150
Length	mm	57.5
B	mm	24.7
SW	mm	19

870153 Connection nipple CEJN

ultraFLOW series 288, nominal size 5

Material:
Stainless steel
Sealant: EPDM

The ultraFLOW series 288 is particularly suitable for cooling systems in power electronics. Applications include transport, industrial applications, renewable energies and transmitter systems. This lightweight, high-strength aluminium coupling with a hard surface coating is operated with both hands. It was developed for applications where leakage is to be avoided at all costs. The sophisticated design of ultraFLOW minimises flow losses and creates a long-lasting connection that can be separated without dripping. ultraFLOW is resistant to vibration and mechanical stress. To achieve maximum performance at low operating costs, ultraFLOW offers extremely high flow rates with a uniquely low pressure drop.



Order ID	870153.0100	
Threaded connection	G 1/4" (BSP)	
Nominal size	mm	5
Working pressure max.	bar	10
Temperature range	°C	-40...+150
Length	mm	51.5
B	mm	20.8
SW	mm	19

870154 Quick-release coupling CEJN

ultraFLOW series 487, nominal size 8

Material:
Aluminium, anodised
Sealant: EPDM

The ultraFLOW series 487 is particularly suitable for cooling systems in power electronics. Applications include transport, industrial applications, renewable energies and transmitter systems. This lightweight, high-strength aluminium coupling with a hard surface coating is operated with both hands. It was developed for applications where leakage is to be avoided at all costs. The sophisticated design of ultraFLOW minimises flow losses and creates a long-lasting connection that can be separated without dripping. ultraFLOW is resistant to vibration and mechanical stress. To achieve maximum performance at low operating costs, ultraFLOW offers extremely high flow rates with a uniquely low pressure drop.



Order ID	870154.0100	
Threaded connection	G 1/2" (BSP)	
Nominal size	mm	8
Working pressure max.	bar	10
Temperature range	°C	-40...+150
Length	mm	67.7
B	mm	30
SW	mm	27

870155 Connection nipple CEJN

ultraFLOW series 487, nominal size 8

Material:
Aluminium, anodised
Sealant: EPDM

The ultraFLOW series 487 is particularly suitable for cooling systems in power electronics. Applications include transport, industrial applications, renewable energies and transmitter systems. This lightweight, high-strength aluminium coupling with a hard surface coating is operated with both hands. It was developed for applications where leakage is to be avoided at all costs. The sophisticated design of ultraFLOW minimises flow losses and creates a long-lasting connection that can be separated without dripping. ultraFLOW is resistant to vibration and mechanical stress. To achieve maximum performance at low operating costs, ultraFLOW offers extremely high flow rates with a uniquely low pressure drop.



Order ID	870155.0100	
Threaded connection	G 1/2" (BSP)	
Nominal size	mm	8
Working pressure max.	bar	10
Temperature range	°C	-40...+150
Length	mm	58.9
B	mm	29.2
SW	mm	27

870156 Quick-release coupling CEJN

ultraFLOW series 587, nominal size 12

Material:
Aluminium, anodised
Sealant: EPDM

The ultraFLOW series 587 is particularly suitable for cooling systems in power electronics. Applications include transport, industrial applications, renewable energies and transmitter systems. This lightweight, high-strength aluminium coupling with a hard surface coating is operated with both hands. It was developed for applications where leakage is to be avoided at all costs. The sophisticated design of ultraFLOW minimises flow losses and creates a long-lasting connection that can be separated without dripping. ultraFLOW is resistant to vibration and mechanical stress. To achieve maximum performance at low operating costs, ultraFLOW offers extremely high flow rates with a uniquely low pressure drop.



Order ID	870156.0100	
Threaded connection	G 3/4" (BSP)	
Nominal size	mm	12
Working pressure max.	bar	10
Temperature range	°C	-40...+150
Length	mm	96.3
B	mm	39
SW	mm	34

870157 Connection nipple CEJN

ultraFLOW series 587, nominal size 12

Material:
Aluminium, anodised
Sealant: EPDM

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Order ID	870157.0100	
Threaded connection	G 3/4" (BSP)	
Nominal size	mm	12
Working pressure max.	bar	10
Temperature range	°C	-40...+150
Length	mm	85.9
B	mm	38
SW	mm	34

870158 Quick-release coupling CEJN

ultraFLOW series 687, nominal size 15

Material:
Aluminium, anodised
Sealant: EPDM

The ultraFLOW series 687 is particularly suitable for cooling systems in power electronics. Applications include transport, industrial applications, renewable energies and transmitter systems. This lightweight, high-strength aluminium coupling with a hard surface coating is operated with both hands. It was developed for applications where leakage is to be avoided at all costs. The sophisticated design of ultraFLOW minimises flow losses and creates a long-lasting connection that can be separated without dripping. ultraFLOW is resistant to vibration and mechanical stress. To achieve maximum performance at low operating costs, ultraFLOW offers extremely high flow rates with a uniquely low pressure drop.



Order ID	870158.0100	
Threaded connection	G 3/4" (BSP)	
Nominal size	mm	15
Working pressure max.	bar	10
Temperature range	°C	-40...+150
Length	mm	106
B	mm	42
SW	mm	34

870159 Connection nipple CEJN

ultraFLOW series 687, nominal size 15

Material:
Aluminium, anodised
Sealant: EPDM

The ultraFLOW series 687 is particularly suitable for cooling systems in power electronics. Applications include transport, industrial applications, renewable energies and transmitter systems. This lightweight, high-strength aluminium coupling with a hard surface coating is operated with both hands. It was developed for applications where leakage is to be avoided at all costs. The sophisticated design of ultraFLOW minimises flow losses and creates a long-lasting connection that can be separated without dripping. ultraFLOW is resistant to vibration and mechanical stress. To achieve maximum performance at low operating costs, ultraFLOW offers extremely high flow rates with a uniquely low pressure drop.



Order ID	870159.0100	
Threaded connection	G 3/4" (BSP)	
Nominal size	mm	15
Working pressure max.	bar	10
Temperature range	°C	-40...+150
Length	mm	90.9
B	mm	37.7
SW	mm	34

870160 Quick-release coupling CEJN

ultraFLOW series 787, nominal size 20

Material:
Aluminium, anodised
Sealant: EPDM

The ultraFLOW series 787 is particularly suitable for cooling systems in power electronics. Applications include transport, industrial applications, renewable energies and transmitter systems. This lightweight, high-strength aluminium coupling with a hard surface coating is operated with both hands. It was developed for applications where leakage is to be avoided at all costs. The sophisticated design of ultraFLOW minimises flow losses and creates a long-lasting connection that can be separated without dripping. ultraFLOW is resistant to vibration and mechanical stress. To achieve maximum performance at low operating costs, ultraFLOW offers extremely high flow rates with a uniquely low pressure drop.



Order ID	870160.0100		870160.0200
Threaded connection	G 1" (BSP)		G 1 1/4" (BSP)
Nominal size	mm	20	20
Working pressure max.	bar	10	10
Temperature range	°C	-40...+150	-40...+150
Length	mm	116.1	126.1
B	mm	54	55
SW	mm	46	50

870161 Connection nipple CEJN

ultraFLOW series 787, nominal size 20

Material:
Aluminium, anodised
Sealant: EPDM

The ultraFLOW series 787 is particularly suitable for cooling systems in power electronics. Applications include transport, industrial applications, renewable energies and transmitter systems. This lightweight, high-strength aluminium coupling with a hard surface coating is operated with both hands. It was developed for applications where leakage is to be avoided at all costs. The sophisticated design of ultraFLOW minimises flow losses and creates a long-lasting connection that can be separated without dripping. ultraFLOW is resistant to vibration and mechanical stress. To achieve maximum performance at low operating costs, ultraFLOW offers extremely high flow rates with a uniquely low pressure drop.



Order ID	870161.0200		870161.0100
Threaded connection	G 1 1/4" (BSP)		G 1" (BSP)
Nominal size	mm	20	20
Working pressure max.	bar	10	10
Temperature range	°C	-40...+150	-40...+150
Length	mm	107.5	105
B	mm	55	45
SW	mm	50	41

870164 Air distribution system CEJN

eSafe Multi-Link 320

Multilink with 1 to 5 integrated couplings of the eSafe 320 series. For setting up multiple access points in one place without cluttering the work area or obstructing the air flow with T-connections, bends or angles. For easy and quick creation of compressed air lines. Pre-assembled units reduce installation time to a minimum. Elbows, tees, connectors or nipples are not required. Low planning effort, easy handling and lightning-fast assembly.
Max. Working pressure: 16 bar
Temperature range: -20° to +100°C



SUVA tested no. 7033.d

Order ID	Nominal size mm	Threaded connection	Temperature range °C
870164.0100	7.6	G 1/2"	-20...+100
870164.0200	7.6	G 1/2"	-20...+100
870164.0300	7.6	G 1/2"	-20...+100
870164.0400	7.6	G 1/2"	-20...+100

870168 Polyurethane compressed air spiral hose CEJN

Hi-Vis series 300

Material:

Hose: PUR

Coupling: Galvanised steel/brass

Nipple: Galvanised steel, hardened

The Hi-Vis hose is particularly abrasion-resistant, flexible and lightweight and has good UV resistance. The highly visible hose, which is resistant to oil and solvents, is equipped with an eSafe safety coupling and series 300 nipple.
Max. working pressure: 12 bar
Temperature range: -30° to +60°C



SUVA tested no.

Order ID	Hose inside Ø mm	Hose outside Ø mm	Length m
870168.0100	6.5	10	4
870168.0200	6.5	10	6
870168.0300	8	12	4
870168.0400	8	12	6
870168.0500	8	12	8
870168.0600	11	16	6

870170 Polyurethane compressed air spiral hose CEJN

Hi-Vis series 320

Material:

Hose: PUR

Coupling: Galvanised steel/brass

Nipple: Galvanised steel, hardened

The Hi-Vis hose is particularly abrasion-resistant, flexible and lightweight and has good UV resistance. The highly visible hose, which is resistant to oil and solvents, is equipped with an eSafe safety coupling and series 320 nipple.
Max. working pressure: 12 bar
Temperature range: -30° to +60°C



SUVA tested no.

Order ID	Hose inside Ø mm	Hose outside Ø mm	Length m
870170.0100	6.5	10	4
870170.0200	6.5	10	6
870170.0300	8	12	4
870170.0400	8	12	6
870170.0500	8	12	8
870170.0600	11	16	6

870172 Quick-release safety coupling CEJN

eSafe series 410, nominal size 10.4

ISO 4414

Material:

Coupling: Galvanised steel

Nipple: Galvanised steel, hardened

The eSafe coupling from series 410 is a one-handed, high-performance coupling with a long service life. The coupling is depressurised before being disconnected to avoid the risk of whip effects. The fully automatic operation ensures fast and easy handling.



Order ID	870172.0100	870172.0200
Outside thread	R 1/2"	R 3/4"
Nominal size	10.4	10.4
Flow rate	4000	4000
Working pressure max.	16	16
Temperature range	-20...+100	-20...+100

870174 Quick-release safety coupling CEJN

eSafe series 320, nominal size 7.6

ISO 4415

Material:

Coupling: Galvanised steel

Nipple: Galvanised steel, hardened

The eSafe coupling from series 320 is a one-handed, high-performance coupling with a long service life. The coupling is depressurised before being disconnected to avoid the risk of whip effects. The fully automatic operation ensures fast and easy handling.



Order ID	for hose width	Nominal size	Flow rate	Working pressure max.	Temperature range
	mm	mm	l/min	bar	°C
870174.0500	9	7.6	2250	16	-20...+100
870174.0100	6.3	7.6	2250	16	-20...+100
870174.0200	8	7.6	2250	16	-20...+100
870174.0300	10	7.6	2250	16	-20...+100
870174.0400	13	7.6	2250	16	-20...+100

870176 Double nipple

Material:

Stainless steel

Both sides with external thread

Order ID	Outside thread
870176.0100	G 3/8"
870176.0200	G 3/8"
870176.0300	G 3/8" - R 3/4"
870176.0400	G 1/4"



870178 Safety blow gun CEJN

90mm pipe permanently mounted

The CEJN series 208 features a valve unit that allows not only compressed air but also non-explosive liquids to be used. With 90-mm long permanently mounted pipe and safety silencer.

Max. flow rate: 370 l/min

Noise level: 83.5 dB(A)

SUVA certified no. 7248

Order ID	870178.0100
Type	11 208 0952
Threaded connection	R 1/4"
Working pressure max.	16
Flow rate	370
Noise level	83
Weight	135
Temperature range	-20...+60



870179 Safety blow gun Star-Tip CEJN

90mm pipe permanently mounted

The CEJN series 208 is equipped with a valve unit that allows not only compressed air but also non-explosive liquids to be used. With 90-mm long, permanently mounted pipe, safety silencer and Star-Tip nozzle with 6 outlets.

Max. flow rate: 190 l/min

Noise level: 79 dB(A)

SUVA certified no. 6411

Order ID	870179.0100
Type	11 208 3100
Threaded connection	R 1/4"
Working pressure max.	16
Flow rate	190
Noise level	79
Weight	96
Temperature range	-20...+60



870180 Set safety blow gun

With CEJN spiral hose

A lightweight and especially abrasion-resistant polyurethane spiral hose, which is very flexible.
A rotatable Stream-Line adapter as well as a Stream-Line nipple from series 300 (CH profile) and the high-quality safety blowing-out gun from CEJN (article 11 210 0952) with a very high flow rate and a fixed silencer nozzle.

Max. flow rate: 398 l/min
Noise level: 83.5 dB(A)

SUVA certified no.

Order ID	870180.0100		
Original No.	CAG-19-958-96585		
Threaded connection	R 1/4"		
Working length	m	6	
Air flow	l/min	370	
Sound pressure level	dB(A)	83,5	
Temperature range	°C	-20...+60	
Working pressure max.	bar	10	



870182 Quick-release coupling

NON-DRIP series 777, nominal size 19

Material:

Stainless steel

Sealant: FPM

NON-DRIP series 777

With their almost infinite combination options, the modular drip-free couplings from CEJN can be adapted to most applications and system requirements. The drip-free design of this series enables almost leak-free working, prevents pollution of the environment and prevents air pockets during coupling and uncoupling.

Order ID	870182.0100		870182.0200
Threaded connection	G 1"		G 1"
Flow rate	l/min	306	306
Nominal size	mm	19	19
Working pressure max.	bar	20	20
Temperature range	°C	-5...+205	-5...+205
Length	mm	82.3	82
Ø	mm	46	52



870184 Connection nipple

NON-DRIP series 777, nominal size 19

Material:

Stainless steel

Sealant: FPM

NON-DRIP series 777

With their almost infinite combination options, the modular drip-free couplings from CEJN can be adapted to most applications and system requirements. The drip-free design of this series enables almost leak-free working, prevents pollution of the environment and prevents air pockets during coupling and uncoupling.

Order ID	870184.0100		870184.0200
Threaded connection	G 1"		G 1"
Flow rate	l/min	306	306
Nominal size	mm	19	19
Working pressure max.	bar	20	20
Temperature range	°C	-5...+205	-5...+205
Length	mm	67.5	67.5
Ø	mm	44	44



870190 Water spray gun

Washdown series 913

Material variants:

Stainless AISI 305

Series 913 spray guns

Spray guns for cleaning applications in classic design with polypropylene protection, suitable for hot water up to 90° (194°F), for continuous use up to 60°C (140°F).

Max. working pressure: 24 bar (348 PSI)

Max. flow rate: 60 l/min

Flow rate at 5 bar: 31 l/min

Order ID	Threaded connection	Max. temperature °C	Working pressure bar
870190.0100	1/2" IG	90	24
870190.0200	1/2" IG	90	24



931314 Pipe brush LESSMANN

Steel wire straight, with single or double spiral, with external thread connection W 1/2". Ideal for cleaning pipes, gratings, sleeves and cylinders.

Appropriate accessories:

931315 Accessories LESSMANN
Other dimensions and filament types available on request.



Order ID	Ø mm	Wire thickness mm	Trim length mm	Length mm	Version
931314.0050	30	0.3	100	160	
931314.0060	30	0.3	100	160	Double spiral
931314.0070	35	0.3	100	160	
931314.0080	35	0.3	100	160	Double spiral
931314.0100	38	0.3	100	160	
931314.0110	38	0.3	100	160	Double spiral
931314.0150	40	0.35	100	160	
931314.0120	40	0.35	100	160	Double spiral
931314.0170	44	0.35	100	160	Double spiral
931314.0200	50	0.35	100	160	
931314.0210	50	0.35	100	160	Double spiral
931314.0250	57	0.35	100	160	
931314.0260	57	0.35	100	160	Double spiral
931314.0300	63	0.4	100	160	
931314.0310	63	0.4	100	160	Double spiral
931314.0350	69	0.4	100	160	Double spiral
931314.0400	75	0.4	100	160	
931314.0410	75	0.4	100	160	Double spiral
931314.0420	82	0.4	100	160	Double spiral
931314.0440	88	0.4	100	160	Double spiral
931314.0460	94	0.5	100	160	Double spiral
931314.0500	101	0.48	100	160	
931314.0510	101	0.5	100	160	Double spiral
931314.0550	125	0.5	100	160	Double spiral
931314.0600	150	0.6	100	160	Single spiral
931314.0650	200	0.8	100	160	Single spiral

931315 Accessories LESSMANN

Core with with female thread.

Usable with:

492325 Pipe brush LESSMANN
492335 Pipe brush LESSMANN
931314 Pipe brush LESSMANN

Order ID	Length mm	Internal thread	Outside thread
931315.0100	500	W 1/2"	-
931315.0200	1000	W 1/2"	-
931315.0150	1000	M6	-
931315.0300	1000	W 1/2"	W 1/2"
931315.0250	1000	M6	M6

931317 Pipe brush LESSMANN

With double wire core and eyelet; for manual cleaning tubes, pipes, bottles etc.
Other sizes and other filament materials available on request.

Order ID	Ø mm	Trim	Trim length mm	Overall length mm
931317.0100	3	Steel wire	100	300
931317.0130	3	Brass wire	100	300
931317.0150	3	Polyamide	100	300
931317.0200	4	Steel wire	100	300
931317.0230	4	Brass wire	100	300
931317.0250	4	Polyamide	100	300
931317.0270	5	Brass wire	100	300
931317.0290	5	Polyamide	100	300
931317.0300	6	Steel wire	100	300
931317.0330	6	Brass wire	100	300
931317.0350	6	Polyamide	100	300
931317.0400	8	Steel wire	100	300
931317.0430	8	Brass wire	100	300
931317.0450	8	Polyamide	100	300
931317.0500	10	Steel wire	100	300
931317.0530	10	Brass wire	100	300
931317.0550	10	Polyamide	100	300
931317.0580	12	Polyamide	100	300
931317.0570	12	Brass wire	100	300
931317.0600	15	Steel wire	100	300
931317.0630	15	Brass wire	100	300
931317.0650	15	Polyamide	100	300
931317.0680	18	Polyamide	100	300
931317.0610	20	Steel wire	100	300
931317.0700	20	Polyamide	100	300
931317.0730	20	Brass wire	100	300
931317.0620	25	Steel wire	100	300
931317.0740	25	Brass wire	100	300
931317.0750	25	Polyamide	100	300
931317.0850	30	Polyamide	100	300

