



YOUR VEHICLE AND COMMERCIAL VEHICLE PARTNER ELECTRICAL, BRAKE ACCESSORIES, HOSES, ADHESIVE TAPE



OUR AUTOMOTIVE ASSORTMENT

- DIN/ISO AND STANDARD PARTS
- MOUNTING AND SILENCER ADD-ON PARTS
- ELECTRICAL, BRAKE ACCESSORIES, HOSES, ADHESIVE TAPES
- OIL DRAIN PLUGS AND SEALING RINGS
- SPECIAL MOUNTING/CLIP
- ASSORTMENTS AND SHELVING SYSTEMS



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PVC VEHICLE CABLES FLRY, SINGLE INSULATED

FLRY
DIN/ISO 6722
Thin-walled PVC insulating sheath
Fine wire copper conductors
Temperature range: -40°C to +85°C
Coil material suitable for dispenser systems



Art. no.	Number of strands	Cable cross section	Colour	Min./max. temperature resistance	Contents	Packaging type
770 075 1 75	1 PCS	0.75 mm ²	Red	-40 to 85 °C	100 metres	Coil
770 075 75	1 PCS	0.75 mm ²	Black	-40 to 85 °C	100 metres	Coil
770 010 2 85	1 PCS	1.5 mm ²	Blue	-40 to 85 °C	5 metres	Polybag
770 010 2 75	1 PCS	1.5 mm ²	Blue	-40 to 85 °C	100 metres	Coil
770 010 40 85	1 PCS	1.5 mm ²	Brown	-40 to 85 °C	5 metres	Polybag
770 010 40 75	1 PCS	1.5 mm ²	Brown	-40 to 85 °C	100 metres	Coil
770 010 3 85	1 PCS	1.5 mm ²	Yellow	-40 to 85 °C	5 metres	Polybag
770 010 3 75	1 PCS	1.5 mm ²	Yellow	-40 to 85 °C	100 metres	Coil
770 010 4 75	1 PCS	1.5 mm ²	Green	-40 to 85 °C	100 metres	Coil
770 010 1 85	1 PCS	1.5 mm ²	Red	-40 to 85 °C	5 metres	Polybag
770 010 1 75	1 PCS	1.5 mm ²	Red	-40 to 85 °C	100 metres	Coil
770 010 0 85	1 PCS	1.5 mm ²	Black	-40 to 85 °C	5 metres	Polybag
770 010 0 75	1 PCS	1.5 mm ²	Black	-40 to 85 °C	100 metres	Coil
770 010 6 85	1 PCS	2.5 mm ²	Red	-40 to 85 °C	5 metres	Polybag
770 010 6 75	1 PCS	2.5 mm ²	Red	-40 to 85 °C	50 metres	Coil
770 010 5 85	1 PCS	2.5 mm ²	Black	-40 to 85 °C	5 metres	Polybag
770 010 5 75	1 PCS	2.5 mm ²	Black	-40 to 85 °C	50 metres	Coil
770 110 0 75	1 PCS	4 mm ²	Red	-40 to 85 °C	25 metres	Coil
770 110 75	1 PCS	4 mm ²	Black	-40 to 85 °C	25 metres	Coil
770 011 10 45	1 PCS	6 mm ²	Red	-40 to 85 °C	50 metres	Collar
770 011 1 45	1 PCS	6 mm ²	Black	-40 to 85 °C	50 metres	Collar

PVC VEHICLE CABLES FLRYY, DOUBLE INSULATED

FLRYY
DIN/ISO 6722
Double PVC insulating sheath
2-wire cable = flat
Fine wire copper conductors
Temperature range: -40°C to +85°C





Art. no.	Number of strands	Cable cross section	Colour	Min./max. temperature resistance	Contents	Packaging type
770 020 1 45	1 PCS	1.5 mm ²	Black	-40 to 85 °C	50 metres	Collar
770 020 2 45	2 PCS	1.5 mm ²	Black	-40 to 85 °C	50 metres	Collar
770 203 75	2 PCS	2.5 mm ²	Black/red	-40 to 85 °C	15 metres	Coil

ELECTRICAL

PVC VEHICLE CABLES FLYY

FLYY

DIN/ISO 6722

Double PVC insulation (core insulation and black sheath)

Fine wire copper conductors

Multi-core connecting cable (e.g. for trailer couplings)

 $2 \times 1.5 \text{ mm}^2 = \text{black/white}$

3 x 1.5 mm² = black/white/brown

4 x 1.5 mm² = yellow/black/white/brown

5 x 1.5 mm² = yellow/black/white/brown/green

7 x 1.5 mm² = yellow/black/red/blue/green/white/brown

 $13 \times 1.5 \text{ mm}^2 = 2x \text{ yellow/}2x \text{ red/}2x \text{ blue/black/green/white/grey/brown/purple/or-}$

ange





Art. no.	Number of strands	Cable cross section	Colour	Min./max. temperature resistance	Contents	Packaging type
770 120 45	2 PCS	1.5 mm ²	Black	-40 to 85 °C	50 metres	Collar
770 311 6 45	3 PCS	1.5 mm ²	Black	-40 to 85 °C	50 metres	Collar
770 311 9 45	4 PCS	1.5 mm ²	Black	-40 to 85 °C	50 metres	Collar
770 311 7 45	5 PCS	1.5 mm ²	Black	-40 to 85 °C	50 metres	Collar
770 311 85 45	7 PCS	1.5 mm ²	Black	-40 to 85 °C	5 metres	Collar
770 311 8 45	7 PCS	1.5 mm ²	Black	-40 to 85 °C	50 metres	Collar
770 124 5 45	13 PCS	1.5 mm ²	Black	-40 to 85 °C	5 metres	Collar
770 124 45	13 PCS	1.5 mm ²	Black	-40 to 85 °C	25 metres	Collar

PVC LOUDSPEAKER CABLES

DIN/ISO 6722
PVC insulating sheath
Fine wire copper conductors
Temperature range: -40°C to +85°C
Coil material suitable for dispenser systems





Art. no.	Number of strands	Cable cross section	Colour	Min./max. temperature resistance	Contents	Packaging type
770 030 0 85	2 PCS	0.75 mm ²	Brown/red	-40 to 85 °C	10 metres	Polybag
770 030 0 75	2 PCS	0.75 mm ²	Brown/red	-40 to 85 °C	50 metres	Coil
770 115 75	2 PCS	1.5 mm ²	Brown/red	-40 to 85 °C	50 metres	Coil

CABLE WALL BRACKET, EQUIPPED

Colour: white aluminium, RAL 9006



Art. no.	Content of assortment	Contents	Packaging type
	Dimensions of wall bracket (H x W x D): 70 x 455 x 125 mm 4 rolls of vehicle cables, FLRY		
770 100 004 75	• 1 x 1.5 mm² black/100 m • 1 x 1.5 mm² red/100 m • 1 x 2.5 mm² black/50 m	1 assortment	unpackaged
	• 1 x 2.5 mm ² red/50 m		

CABLE WALL BRACKET

Colour: white aluminium, RAL 9006



Art. no.	Content of assortment	Contents	Packaging type
770 6 75	Dimensions of wall bracket (H x W x D): 70 x 455 x 125 mm For 4 coils	1 piece	unpackaged

BRAIDED HOSES

PES - polyester

Colour: Black

Highly flexible

Good abrasion resistance

Good resistance to chemicals

Flame-resistant to FMVSS 302 and DIN 5510-2

Halogen-free

Temperature range: -40°C to +150 °C



Versatile in applications such as abrasion protection, reinforcement or bundling of electrical cables, cables or hoses.

Art. no.	Diameter	Min./max. diameter	Min./max. temperature resistance	Colour	Contents	Packaging type
771 203 100 75	5 mm	3-10 mm	-40 to 150 °C	Black	15 metres	Box
771 206 150 75	8 mm	6-15 mm	-40 to 150 °C	Black	12 metres	Вох
771 215 280 75	18 mm	15-28 mm	-40 to 150 °C	Black	6 metres	Вох
771 223 380 75	25 mm	23-38 mm	-40 to 150 °C	Black	6 metres	Box

ELECTRICAL

CABLE TIES, PLASTIC LATCH, NATURAL

PA Polyamide

Natural/transparent

Plastic tongue

Tie has a raised tip

Self-extinguishing

Temperature-resistant: -40°C to +85°C

Shape-retaining Halogen-free

For quick, problem-free and reliable bundling of cables, cable harnesses, hoses etc.



Art. no.		Width of latch	Nominal length	Max. bundle diameter	Contents	Packaging type
502 11	55	2.5 mm	100 mm	21 mm	100 pieces	Polybag
502 12	55	3.5 mm	140 mm	35 mm	100 pieces	Polybag
502 13	55	3.5 mm	178 mm	35 mm	100 pieces	Polybag
502 15	55	4.5 mm	290 mm	79 mm	100 pieces	Polybag
502 16	55	4.5 mm	360 mm	100 mm	100 pieces	Polybag
502 14	55	4.8 mm	200 mm	45 mm	100 pieces	Polybag
502 18	55	7.5 mm	365 mm	100 mm	100 pieces	Polybag
502 19	55	7.5 mm	450 mm	130 mm	50 pieces	Polybag
502 20	55	7.5 mm	750 mm	220 mm	50 pieces	Polybag

CABLE TIES, PLASTIC LATCH, BLACK

PA Polyamide

Black, UV-resistant (in accordance with ISO 4892)

Plastic tongue

Tie has a raised tip

Self-extinguishing

Temperature-resistant: -40°C to +85°C

Shape-retaining

Halogen-free

For indoor and outdoor applications.

For quick, problem-free and reliable bundling of cables, cable harnesses, hoses etc.



Art. no.	Width of latch	Nominal length	Max. bundle diameter	Contents	Packaging type
502 111 55	2.5 mm	100 mm	21 mm	100 pieces	Polybag
502 121 85	3.5 mm	140 mm	35 mm	10 pieces	Polybag
502 121 55	3.5 mm	140 mm	35 mm	100 pieces	Polybag
502 131 55	3.5 mm	178 mm	35 mm	100 pieces	Polybag
502 151 85	4.5 mm	290 mm	79 mm	10 pieces	Polybag
502 151 55	4.5 mm	290 mm	79 mm	100 pieces	Polybag
502 161 55	4.5 mm	360 mm	100 mm	100 pieces	Polybag
502 141 85	4.8 mm	200 mm	45 mm	10 pieces	Polybag
502 141 55	4.8 mm	200 mm	45 mm	100 pieces	Polybag
502 351 0 55	7.5 mm	365 mm	100 mm	100 pieces	Polybag
502 191 55	7.5 mm	450 mm	130 mm	50 pieces	Polybag
502 201 55	7.5 mm	750 mm	220 mm	50 pieces	Polybag

CABLE TIES, METAL LATCH

PA Polyamide

Black, UV-resistant (in accordance with ISO 4892)

With metal latch (cuts permanently into the plastic body)

Tie has a raised tip Self-extinguishing

Temperature-resistant: -40°C to +85°C

Shape-retaining

Halogen-free

For quick, problem-free and reliable bundling of cables, cable harnesses, hoses etc.



Art. no.	Width of latch	Nominal length	Max. bundle diameter	Contents	Packaging type
502 221 55	3.5 mm	140 mm	36 mm	100 pieces	Polybag
502 251 55	3.5 mm	280 mm	80 mm	100 pieces	Polybag
502 231 55	4.8 mm	178 mm	51 mm	100 pieces	Polybag
502 261 55	4.8 mm	290 mm	76 mm	100 pieces	Polybag
502 241 0 55	4.8 mm	360 mm	100 mm	100 pieces	Polybag
502 251 0 55	7.6 mm	338 mm	80 mm	50 pieces	Polybag

ADHESIVE BASE

Nylon (polyamide)

Self-adhesive

Colours: Black and natural

For fastening cable ties.



Art. no.	Colour	Slot width	Width	Length	Height	Contents	Packaging type
502 636 80	Natural	3.6 mm	19 mm	19 mm	4 mm	10 pieces	Blister pack
502 636 25	Natural	3.6 mm	19 mm	19 mm	4 mm	50 pieces	Box
502 648 80	Natural	4.8 mm	28 mm	28 mm	6 mm	6 pieces	Blister pack
502 648 25	Natural	4.8 mm	28 mm	28 mm	6 mm	50 pieces	Вох
502 636 1 80	Black	3.6 mm	19 mm	19 mm	4 mm	10 pieces	Blister pack
502 636 1 25	Black	3.6 mm	19 mm	19 mm	4 mm	50 pieces	Вох
502 648 1 80	Black	4.8 mm	28 mm	28 mm	6 mm	6 pieces	Blister pack
502 648 1 25	Black	4.8 mm	28 mm	28 mm	6 mm	50 pieces	Вох

ELECTRICAL

CABLE TIE WALL BRACKET, EQUIPPED

PA Polyamide

Clearly assorted Easy access

Dimensions (H x W x D): 325 x 480 x 52 mm

Also suitable for wall mounting

For indoor and outdoor applications.



Art. no.	Content of assortment	Contents	Packaging type
	Cable tie wall bracket		
	Dimensions (H x W x D): 325 x 480 x 52 mm		
	RAL 9006, white aluminium		
502 100 75	Equipped with 800 cable ties, black with plastic latch (UV-resistant)	1 piece	Вох
302 100 7.	3.6 x 140 - 200 pieces	i piece	DUX
	4.8 x 200 - 200 pieces		
	4.8 x 290 - 200 pieces		
	4.8 x 360 - 200 pieces		

CABLE GROMMETS, DOUBLE-SIDED

EPDM (ethylene propylene diene monomer rubber)

UV-resistant

Silicone-free

Temperature-resistant: -40°C to +120°C



Art. no.	Internal diameter	Outer diameter	Outer diameter 2	Height	Gap height	Contents	Packaging type
561 663 4 80	4 mm	6 mm	9 mm	6 mm	1.2 mm	8 pieces	Blister pack
561 663 2 80	6 mm	9 mm	11 mm	6 mm	1 mm	8 pieces	Blister pack
561 664 6 80	6 mm	10 mm	13 mm	8 mm	2 mm	6 pieces	Blister pack
561 664 8 80	9 mm	11 mm	16 mm	6.5 mm	1 mm	6 pieces	Blister pack
561 665 0 80	10 mm	12 mm	18 mm	8 mm	1 mm	6 pieces	Blister pack
561 665 2 80	12 mm	20 mm	24 mm	10 mm	4 mm	4 pieces	Blister pack
561 666 2 80	13 mm	21 mm	26 mm	9 mm	2 mm	4 pieces	Blister pack
561 666 3 80	16 mm	24 mm	30 mm	11 mm	3 mm	2 pieces	Blister pack
561 666 5 80	21 mm	31 mm	38 mm	11 mm	1.5 mm	2 pieces	Blister pack
561 666 6 80	25 mm	30 mm	36 mm	11 mm	3.5 mm	2 pieces	Blister pack

CABLE GROMMETS, ONE-SIDED

EPDM (ethylene propylene diene monomer rubber)

UV-resistant

Silicone-free

Temperature-resistant: -40°C to +120°C



Art. no.	Internal diameter	Outer diameter	Collar diameter	Height	Gap height	Contents	Packaging type
561 663 6 80	6 mm	10 mm	14 mm	12 mm	8 mm	4 pieces	Blister pack
561 663 8 80	8 mm	11 mm	16 mm	13 mm	9 mm	4 pieces	Blister pack
561 664 0 80	10 mm	14 mm	18 mm	15 mm	10 mm	4 pieces	Blister pack

RUBBER PLUG

Rubber

UV-resistant

Silicone-free

Temperature-resistant: -40°C to +120°C

For sealing and closing off holes.





Art. no.	Drill hole diameter	Gap height	Contents	Packaging type
561 16 80	6 mm	2 mm	6 pieces	Blister pack
561 18 80	8 mm	2 mm	6 pieces	Blister pack
561 110 80	10 mm	2 mm	4 pieces	Blister pack
561 112 80	12 mm	2 mm	4 pieces	Blister pack
561 114 80	14 mm	2 mm	2 pieces	Blister pack
561 116 80	18 mm	2 mm	2 pieces	Blister pack

SCREW TERMINALS

PP - polypropylene

With screw contacts

12-pole (in blister pack: 2x 6-pole) Operating temperature: +80°C



Art. no).	Min./max. cable cross section	Max. current	Nominal voltage	Contents	Packaging type
556 1	80	1.5-6 mm ²	24 A	450 V	1 piece	Blister pack
556 1	55	1.5-6 mm ²	24 A	450 V	10 pieces	Вох
556 2	80	2.5-10 mm ²	24 A	450 V	1 piece	Blister pack
556 2	55	2.5-10 mm ²	24 A	450 V	10 pieces	Вох
5563	55	4–16 mm ²	24 A	450 V	10 pieces	Вох

ELECTRICAL

WIRE END FERRULES, INSULATED

Electrolytic copper 0.5–2.5 mm²

With a plastic collar

To protect stripped ends of stranded wires (to prevent damage to individual wires).





Art. no.	Content of assortment	Contents	Packaging type
	400 wire end ferrules in shaker		
	0.5 mm ² , white - 50 pieces		
EE7 100 7E	0.75 mm², blue - 100 pieces 1.0 mm², red - 100 pieces	1 nioco	Plastic shaker
55/ 100 /5	1.0 mm ² , red - 100 pieces	1 piece	Plastic sliaker
	1.5 mm², black - 100 pieces		
	2.5 mm ² , grey - 50 pieces		

WIRE END FERRULES, TIN-PLATED

Electrolytic copper, tin-plated

 $0.5-2.5 \, \text{mm}^2$



To protect stripped ends of stranded wires (to prevent damage to individual wires).



Art. no.	Content of assortment	Contents	Packaging type
	1,900 wire end ferrules in shaker		
	0.5 mm ² - 500 pieces		
557 300 75	0.75 mm ² - 500 pieces	1 =:	Plastic shaker
557 300 75	1.0 mm ² - 400 pieces	1 piece	Plastic snaker
	1.5 mm ² - 300 pieces		
	2.5 mm ² - 200 pieces		

HEAT SHRINK HOSES

Polyolefin

Shrinkage rate: 2:1 Self-extinguishing Flame-retardant Cannot be melted Silicone-free



Art. no.	Internal diameter	Internal diameter (shrunk)	Length	Contents	Packaging type
771 002 40 55	2.4 mm	1.2 mm	0.1 m	50 pieces	Polybag
771 002 40 75	2.4 mm	1.2 mm	10 m	10 metres	Вох
771 003 20 55	3.2 mm	1.6 mm	0.1 m	50 pieces	Polybag
771 003 20 75	3.2 mm	1.6 mm	10 m	10 metres	Вох
771 004 80 55	4.8 mm	2.4 mm	0.1 m	50 pieces	Polybag
771 004 80 75	4.8 mm	2.4 mm	10 m	10 metres	Box
771 006 40 55	6.4 mm	3.2 mm	0.1 m	50 pieces	Polybag

ELECTRICAL

Art. no.	Internal diameter	Internal diameter (shrunk)	Length	Contents	Packaging type
771 006 40 75	6.4 mm	3.2 mm	5 m	5 metres	Вох
771 009 50 55	9.5 mm	4.8 mm	0.1 m	25 pieces	Polybag
771 009 50 75	9.5 mm	4.8 mm	5 m	5 metres	Вох
771 012 70 55	12.7 mm	6.4 mm	0.1 m	25 pieces	Polybag
771 012 70 75	12.7 mm	6.4 mm	5 m	5 metres	Вох
771 019 00 55	19 mm	9.5 mm	0.1 m	25 pieces	Polybag
771 019 00 75	19 mm	9.5 mm	5 m	5 metres	Вох
771 025 40 55	25.4 mm	12.7 mm	0.1 m	25 pieces	Polybag
771 025 40 75	25.4 mm	12.7 mm	5 m	5 metres	Box

HEAT SHRINK HOSES WITH ADHESIVE

Polyolefin

Shrinkage rate: 3:1 With internal adhesive Self-extinguishing (not adhesive) Flame-retardant (not adhesive)

Cannot be melted Silicone-free



Art. no.	Internal diameter	Internal diameter (shrunk)	Length	Contents	Packaging type
771 006 200 80	6 mm	2 mm	0.5 m	1 piece	Blister pack
771 006 200 75	6 mm	2 mm	3.5 m	350 pieces	Box
771 009 300 80	9 mm	3 mm	0.5 m	1 piece	Blister pack
771 009 300 75	9 mm	3 mm	3 m	3 metres	Box
771 012 400 80	12 mm	4 mm	0.5 m	1 piece	Blister pack
771 012 400 75	12 mm	4 mm	2.5 m	250 pieces	Вох

HEAT SHRINK HOSES, MIX

Polyolefin

Shrinkage rate: 2:1

Self-extinguishing

Flame-retardant

Cannot be melted

Silicone-free

Piece length: 10 cm



Art. no.	Content of assortment	Contents	Packaging type
	4 shrink hoses 2:1 in blister pack		
	10 cm - Diameter 2.4/1.2 mm		
771 100 80	10 cm - Diameter 3.2/1.6 mm	4 pieces	Blister pack
	10 cm - Diameter 4.8/2.4 mm		
	10 cm - Diameter 6.4/3.2 mm		

ELECTRICAL

WALL BRACKET FOR HEAT SHRINK HOSES EQUIP

Colour: white aluminium, RAL 9006



Art. no.	Content of assortment	Contents	Packaging type
	6 heat shrink hose packages 2:1 in wall bracket		
	10 m - Diameter 2.4/1.2 mm		
	10 m - Diameter 3.2/1.6 mm		
771 100 006 75	10 m - Diameter 4.8/2.4 mm	1 assortment	unpackaged
	5 m - Diameter 6.4/3.2 mm		-
	5 m - Diameter 9.5/4.8 mm		
	5 m - Diameter 12.7/6.4 mm		

WALL BRACKET, HEAT SHRINK HOSE

Colour: white aluminium, RAL 9006



Art. no.	Content of assortment	Contents	Packaging type
771 1 006 75	For 6 packages	1 piece	unpackaged

BRAIDED + HEAT SHRINK HOSE WALL BRACKET

PES - polyester

Colour: white aluminium, RAL 9006

Braided hose Colour: black Highly flexible

Good abrasion resistance Good resistance to chemicals

Flame-resistant to FMVSS 302 and DIN 5510-2

Halogen-free

Temperature range: -40°C to +150°C

Heat shrink hose Shrinkage rate: 3:1 With internal adhesive Self-extinguishing (not adhesive) Flame-retardant (not adhesive) Cannot be melted Silicone-free

Versatile in applications such as abrasion protection, reinforcement or bundling of electrical cables, cables or hoses.



INSULATING TUBING

PVC - polyvinyl chloride

Colour: Black

Temperature range: -40°C to +90°C

For insulation of electrical cables, connection parts such as cable lugs and solder points for mechanical protection etc.



Art. no	Art. no. Internal diameter		Material thickness	Min./max. temperature resistance	Contents	Packaging type
7716	75	6 mm	0.6 mm	-40 to 90 °C	25 metres	Collar
7718	75	8 mm	0.7 mm	-40 to 90 °C	25 metres	Collar
771 10	75	10 mm	0.7 mm	-40 to 90 °C	25 metres	Collar
771 12	75	12 mm	0.8 mm	-40 to 90 °C	25 metres	Collar
771 14	75	14 mm	1 mm	-40 to 90 °C	25 metres	Collar



ELECTRICAL

SHAFT PROTECTION PIPES, SLOTTED

Polypropylene, modified

Can be used as protection against martens Good reverse bending behaviour Very good low-temperature impact strength Max. usage temperature: +150°C (500 h)



Art. no.	Diameter	Upper usage temperature:	Contents	Packaging type
771 910 2 75	10 mm	3000 h at -40°C to 135°C, 500 h at -40°C to 150°C	3 metres	Polybag
771 910 1 75	10 mm	3000 h at -40°C to 135°C, 500 h at -40°C to 150°C	25 metres	Polybag

JUNCTION CONNECTOR

PP - polypropylene

Could not be easier to use as no special tools are required

Heat-resistant: up to 105°C

For branch connections in any position.

For mechanically secure, vibration-proof, long-lasting connections with absolutely no electrical faults.



Art. no.	Min./max. cable cross section	Colour	Nominal voltage	Max. temperature	Contents	Packaging type
555 557 80	0.5-0.75 mm ²	Red	600 V	105 °C	2 pieces	Blister pack
555 557 25	0.5-0.75 mm ²	Red	600 V	105 °C	50 pieces	Вох
555 564 80	0.75-2.5 mm ²	Blue	600 V	105 °C	2 pieces	Blister pack
555 564 25	0.75-2.5 mm ²	Blue	600 V	105 °C	50 pieces	Вох
111 564 1 75	0.75-2.5 mm ²	Blue	600 V	105 °C	100 pieces	Вох
555 562 25	4-6 mm ²	Yellow	600 V	105 °C	25 pieces	Вох

BRANCH CONNECTOR, DETACHABLE

PA Polyamide

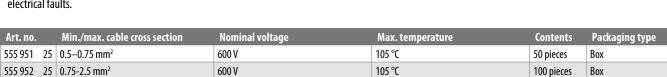
Could not be easier to use as no special tools are required

Heat-resistant: up to 105°C

Side connection for insulated blade connectors $6.3\ x\ 0.8\ mm$

For branch connections in any position.

For mechanically secure, vibration-proof, long-lasting connections with absolutely no electrical faults.





BLADE CONNECTOR, INSULATED

PVC – polyvinyl chloride, PVC

The ideal complement to the detachable junction connector.



Art. no.	Min./max. cable cross section	Colour	Width of Nema tab	Thickness of Nema tab	Sleeve length	Contents	Packaging type
555 951 1 25	0.5-1.5 mm ²	Red	6.3 mm	0.8 mm	11 mm	100 pieces	Вох
555 952 1 25	1.5-2.5 mm ²	Blue	6.3 mm	0.8 mm	11 mm	100 pieces	Вох

BLADE SPLITTERS, INSULATED

PVC – polyvinyl chloride, PVC

Plug width: 6.3 mm Plug height: 0.8 mm Heat-resistant: up to 75°C



Art. no.	Width of Nema tab	Thickness of Nema tab	Colour	Max. nominal voltage	Max. temperature resistance	Contents	Packaging type
555 11 55	6.3 mm	0.8 mm	Transparent	300 V	75 ℃	10 pieces	Вох

CONNECTOR BUS BAR PVC

PVC – polyvinyl chloride

Plug width: 6.3 mm Plug height: 0.8 mm Heat-resistant: up to 75°C



Art. no.	Width of Nema tab	Thickness of Nema tab	Colour	Max. nominal voltage	Max. temperature resistance	Contents	Packaging type
558 906 80	6.3 mm	0.8 mm	Transparent	300 V	75 ℃	2 pieces	Blister pack
558 906 25	6.3 mm	0.8 mm	Transparent	300 V	75 ℃	50 pieces	Box

CONNECTOR BUS BAR, UNINSULATED

Brass, tin-plated

Three connections: 2x flat plug-in sleeve, 1x blade connector

Plug width: 6.3 mm Plug height: 0.8 mm



Art. no.	Width of Nema tab	Thickness of Nema tab	Length	Contents	Packaging type
558 928 25	6.3 mm	0.8 mm	17.8 mm	100 pieces	Box

ELECTRICAL

CROCODILE CLIP, PARTIALLY INSULATED

Steel, nickel-plated

For holding/gripping fine to thick wires.



Art. no.	Cable cross section	Max. current	Clamping part length	Length	Colour	Contents	Packaging type
558 698 80	4 mm ²	4 A	35 mm	50 mm	Red	2 pieces	Blister pack
558 698 25	4 mm ²	4 A	35 mm	50 mm	Red	50 pieces	Вох

HEAT SHRINK BUTT CONNECTOR

Polyolefin

Shrinkage rate: 3:1

Shrinkage temperature: $\geq 100^{\circ}$ C

With internal adhesive

Temperature range: -55°C to +125°C

Protection rating: IP67



Art. no.	Min./max. cable cross section	Colour	Dielectric strength	Longitudinal shrinkage	Contents	Packaging type
555 516 0 25	0.1-0.5 mm ²	Transparent	30 kV/mm	10%	50 pieces	Вох
555 516 1 80	0.5-1.5 mm ²	Red	30 kV/mm	10%	2 pieces	Blister pack
555 516 1 25	0.5-1.5 mm ²	Red	30 kV/mm	10%	50 pieces	Вох
555 516 2 80	1.5-2.5 mm ²	Blue	30 kV/mm	10%	2 pieces	Blister pack
555 516 2 25	1.5-2.5 mm ²	Blue	30 kV/mm	10%	50 pieces	Box
555 516 4 80	4-6 mm ²	Yellow	30 kV/mm	10%	2 pieces	Blister pack
555 516 4 25	4-6 mm ²	Yellow	30 kV/mm	10%	25 pieces	Box

HEAT SHRINK BLADE CONNECTORS

Polyolefin

Shrinkage rate: 3:1

Shrinkage temperature: $\geq 100^{\circ}\text{C}$

With internal adhesive

Temperature range: -55°C to +125°C

Protection rating: IP67



Art. no.	Min./max. cable cross section	Colour	Width of Nema tab	Thickness of Nema tab	Contents	Packaging type
555 944 1 25	0.5-1.5 mm ²	Red	6.3 mm	0.8 mm	50 pieces	Вох
555 945 2 25	1.5-2.5 mm ²	Blue	6.3 mm	0.8 mm	50 pieces	Вох
555 946 4 25	4-6 mm ²	Yellow	6.3 mm	0.8 mm	25 pieces	Вох

HEAT SHRINK FLAT PLUG-IN SLEEVES

Polyolefin

Shrinkage rate: 3:1

Shrinkage temperature: $\geq 100^{\circ} C$

With internal adhesive

Temperature range: -55°C to +125°C

Protection rating: IP67



Art. no.	Min./max. cable cross section	Colour	Width of Nema tab	Thickness of Nema tab	Contents	Packaging type
555 905 1 25	0.5-1.5 mm ²	Red	6.3 mm	0.8 mm	50 pieces	Вох
555 905 2 25	1.5-2.5 mm ²	Blue	6.3 mm	0.8 mm	50 pieces	Вох
555 905 4 25	4-6 mm ²	Yellow	6.3 mm	0.8 mm	25 pieces	Вох

HEAT SHRINK RING CONNECTORS

Polyolefin

Shrinkage rate: 3:1

Shrinkage temperature: ≥ 100°C

With internal adhesive

Temperature range: -55°C to +125°C

Protection rating: IP67



Art. no.	Min./max. cable cross section	Colour	Suitable for screw thread	Contents	Packaging type
555 901 1 25	0.5-1.5 mm ²	Red	M4	50 pieces	Box
555 902 1 25	0.5-1.5 mm ²	Red	M5	50 pieces	Box
555 903 1 25	0.5-1.5 mm ²	Red	M6	50 pieces	Box
555 904 1 25	0.5-1.5 mm ²	Red	M8	50 pieces	Box
555 912 1 25	0.5-1.5 mm ²	Red	M10	50 pieces	Вох
555 908 2 25	1.5-2.5 mm ²	Blue	M4	50 pieces	Box
555 909 2 25	1.5-2.5 mm ²	Blue	M5	50 pieces	Box
555 910 2 25	1.5-2.5 mm ²	Blue	M6	50 pieces	Box
555 911 2 25	1.5-2.5 mm ²	Blue	M8	50 pieces	Box
555 912 2 25	1.5-2.5 mm ²	Blue	M10	50 pieces	Box
555 914 4 25	4-6 mm ²	Yellow	M4	25 pieces	Box
555 915 4 25	4-6 mm ²	Yellow	M5	25 pieces	Box
555 916 4 25	4-6 mm ²	Yellow	M6	25 pieces	Box
555 917 4 25	4-6 mm ²	Yellow	M8	25 pieces	Вох
555 918 4 25	4-6 mm ²	Yellow	M10	25 pieces	Вох

SOLDER BUTT CONNECTORS

Polyolefin

With thermoplastic rings

Temperature range: -55°C to +125°C

For the water-tight connection of cables.

Art. no.	Min./max. cable cross section	Colour	Nominal length	Min./max. cable diameter	Min./max. tempera- ture resistance	Contents	Packaging type
555 923 0 25	0.3-0.8 mm ²	Transparent	26 mm	0.4-1.7 mm	-55 to 125 ℃	25 pieces	Box
555 923 1 80	0.8-2 mm ²	Red	42 mm	1.3-2.7 mm	-55 to 125 ℃	2 pieces	Blister pack
555 923 1 25	0.8-2 mm ²	Red	42 mm	1.3-2.7 mm	-55 to 125 ℃	25 pieces	Вох

ELECTRICAL

Art. no.	Min./max. cable cross section	Colour	Nominal length	Min./max. cable diameter	Min./max. tempera- ture resistance	Contents	Packaging type
555 923 2 80	2-4 mm ²	Blue	42 mm	1.8-4.5 mm	-55 to 125 ℃	2 pieces	Blister pack
555 923 2 25	2-4 mm ²	Blue	42 mm	1.8-4.5 mm	-55 to 125 ℃	25 pieces	Box
555 923 3 80	4-6 mm ²	Yellow	42 mm	2.8-6 mm	-55 to 125 °C	2 pieces	Blister pack
555 923 3 25	4-6 mm ²	Yellow	42 mm	2.8-6 mm	-55 to 125 °C	25 pieces	Вох

SOLDER CABLE LUGS

Brass, tin-plated DIN/ISO 46211 Type A



Art. no.	Cable cross section	Through-hole diameter	Nominal length	Insertion height	Contents	Packaging type
557 921 9 80	10 mm ²	6.5 mm	21 mm	4.3 mm	2 pieces	Blister pack
557 921 9 25	10 mm ²	6.5 mm	21 mm	4.3 mm	25 pieces	Box
557 922 0 80	10 mm ²	8.4 mm	24 mm	4.3 mm	2 pieces	Blister pack
557 922 0 25	10 mm ²	8.4 mm	24 mm	4.3 mm	25 pieces	Box
557 922 1 80	10 mm ²	10.5 mm	26 mm	4.3 mm	2 pieces	Blister pack
557 922 1 25	10 mm ²	10.5 mm	26 mm	4.3 mm	25 pieces	Box
557 922 3 80	16 mm ²	6.5 mm	24 mm	5.4 mm	2 pieces	Blister pack
557 922 3 25	16 mm ²	6.5 mm	24 mm	5.4 mm	25 pieces	Box
557 922 4 80	16 mm ²	8.4 mm	27 mm	5.4 mm	2 pieces	Blister pack
557 922 4 25	16 mm ²	8.4 mm	27 mm	5.4 mm	25 pieces	Box
557 922 5 80	16 mm ²	10.5 mm	29 mm	5.4 mm	2 pieces	Blister pack
557 922 5 25	16 mm ²	10.5 mm	29 mm	5.4 mm	25 pieces	Box
557 922 7 80	25 mm ²	6.5 mm	27 mm	6.8 mm	2 pieces	Blister pack
557 922 7 25	25 mm ²	6.5 mm	27 mm	6.8 mm	25 pieces	Box
557 922 8 80	25 mm ²	8.4 mm	30 mm	6.8 mm	2 pieces	Blister pack
557 922 8 25	25 mm ²	8.4 mm	30 mm	6.8 mm	25 pieces	Box
557 922 81 25	25 mm ²	8.4 mm	30 mm	6.8 mm	25 pieces	Box
557 922 9 80	25 mm ²	10.5 mm	32 mm	6.8 mm	2 pieces	Blister pack
557 922 9 25	25 mm ²	10.5 mm	32 mm	6.8 mm	25 pieces	Box
557 923 0 80	25 mm ²	13 mm	35 mm	6.8 mm	2 pieces	Blister pack
557 923 0 25	25 mm ²	13 mm	35 mm	6.8 mm	10 pieces	Box
557 923 3 80	35 mm ²	10.5 mm	35 mm	8.2 mm	2 pieces	Blister pack
557 923 3 25	35 mm ²	10.5 mm	35 mm	8.2 mm	10 pieces	Box
557 923 4 80	35 mm ²	13 mm	38 mm	8.2 mm	2 pieces	Blister pack
557 923 4 25	35 mm ²	13 mm	38 mm	8.2 mm	10 pieces	Box
557 923 6 80	50 mm ²	8.4 mm	36 mm	9.5 mm	2 pieces	Blister pack
557 923 6 25	50 mm ²	8.4 mm	36 mm	9.5 mm	25 pieces	Box
557 923 7 80	50 mm ²	10.5 mm	38 mm	9.5 mm	2 pieces	Blister pack
557 923 7 25	50 mm ²	10.5 mm	38 mm	9.5 mm	10 pieces	Вох
557 923 8 80	50 mm ²	13 mm	41 mm	9.5 mm	2 pieces	Blister pack
557 923 8 25	50 mm ²	13 mm	41 mm	9.5 mm	10 pieces	Box
557 924 0 80	70 mm ²	10.5 mm	44 mm	11.2 mm	1 piece	Blister pack
557 924 0 25	70 mm ²	10.5 mm	44 mm	11.2 mm	5 pieces	Box

BLADE RECEPTACLE, UNINSULATED

Brass

Preformed



Art. no.	Min./max. cable cross section	Width of Nema tab	Thickness of Nema tab	Plug length	Length	Contents	Packaging type
558 502 9 80	0.5-1 mm ²	2.8 mm		6.3 mm	15.5 mm	6 pieces	Blister pack
558 502 9 25	0.5-1 mm ²	2.8 mm		6.3 mm	15.5 mm	100 pieces	Box
558 504 0 80	0.5-1 mm ²	6.3 mm	0.8 mm	7.7 mm	19 mm	6 pieces	Blister pack
558 504 0 25	0.5-1 mm ²	6.3 mm	0.8 mm	7.7 mm	19 mm	100 pieces	Box
558 929 25	1.5-2.5 mm ²	6.3 mm	0.8 mm	7.2 mm	19 mm	100 pieces	Box
558 450 40 80	1.5-2.5 mm ²	6.3 mm	0.8 mm	7.5 mm	19.2 mm	6 pieces	Blister pack
558 450 40 25	1.5-2.5 mm ²	6.3 mm	0.8 mm	7.5 mm	19.2 mm	100 pieces	Box

BLADE RECEPTACLE WITH CATCH, UNINSULATED

Brass

Preformed



Art. no.	Min./max. cable cross section	Width of Nema tab	Thickness of Nema tab	Plug length	Length	Contents	Packaging type
558 601 0 80	0.5-1 mm ²	2.8 mm	0.5 mm	6.5 mm	15.6 mm	6 pieces	Blister pack
558 601 0 25	0.5-1 mm ²	2.8 mm	0.5 mm	6.5 mm	15.6 mm	100 pieces	Вох
558 603 2 80	1.5-2.5 mm ²	6.3 mm	0.8 mm	7.8 mm	19.1 mm	7 pieces	Blister pack
558 603 2 25	1.5-2.5 mm ²	6.3 mm	0.8 mm	7.8 mm	19.1 mm	100 pieces	Box

SPRUNG BLADE TERMINAL WITH SNAP-ON NOSE, UNINSULATED

Copper

Preformed



Art. no.	Min./max. cable cross section	Width of Nema tab	Thickness of Nema tab	Contents	Packaging type
558 996 7 80	0.5-2.5 mm ²	2.8 mm	0.8 mm	8 pieces	Blister pack
558 996 7 25	0.5-2.5 mm ²	2.8 mm	0.8 mm	100 pieces	Вох

BLADE CONNECTOR, UNINSULATED

Brass, PVC

Preformed



Art. no.	Min./max. cable cross section	Width of Nema tab	Thickness of Nema tab	Plug length	Length	Contents	Packaging type
558 505 4 80	1.5-2.5 mm ²	6.3 mm	0.8 mm	14 mm	24.5 mm	7 pieces	Blister pack
558 505 4 25	1.5-2.5 mm ²	6.3 mm	0.8 mm	14 mm	24.5 mm	100 pieces	Box

ELECTRICAL

BLADE RECEPTACLES, UNINSULATED & HEAT SHRINK HOSE SET

Brass

Flat plug-in sleeves, brass

Preformed

Heat-shrink hose, polyolefin

Shrinkage rate: 2:1

Self-extinguishing

Flame-retardant

Cannot be melted

Silicone-free

For plug connection on hub dynamo.



RING CONNECTOR, UNINSULATED

Brass

Preformed



Art. no.	Min./max. cable cross section	Through-hole diameter	Strength	Length	Contents	Packaging type
558 522 1 80	1.5-2.5 mm ²	8.2 mm	0.5 mm	26 mm	6 pieces	Blister pack
558 522 1 25	1.5-2.5 mm ²	8.2 mm	0.5 mm	26 mm	100 pieces	Вох

RING CONNECTOR, PART. INSULATED

PVC

 ${\sf PVC}\ insulation$

Heat-resistant: up to +105°C Electrical load capacity: 600 V



Art. no.	Min./max. cable cross section	Colour	Through-hole diameter	Strength	Length	Contents	Packaging type
558 901 1 80	0.5-1.5 mm ²	Red	4.3 mm	0.8 mm	16.5 mm	7 pieces	Blister pack
558 901 1 25	0.5-1.5 mm ²	Red	4.3 mm	0.8 mm	16.5 mm	100 pieces	Box
558 902 1 80	0.5-1.5 mm ²	Red	5.3 mm	0.8 mm	17.5 mm	7 pieces	Blister pack
558 902 1 25	0.5-1.5 mm ²	Red	5.3 mm	0.8 mm	17.5 mm	100 pieces	Box
558 903 1 80	0.5-1.5 mm ²	Red	6.5 mm	0.8 mm	18 mm	7 pieces	Blister pack
558 903 1 25	0.5-1.5 mm ²	Red	6.5 mm	0.8 mm	18 mm	100 pieces	Вох
558 904 1 25	0.5-1.5 mm ²	Red	8.4 mm	0.8 mm	22 mm	100 pieces	Вох
558 908 2 80	1.5-2.5 mm ²	Blue	4.3 mm	0.8 mm	17 mm	7 pieces	Blister pack
558 908 2 25	1.5-2.5 mm ²	Blue	4.3 mm	0.8 mm	17 mm	100 pieces	Вох
558 909 2 80	1.5-2.5 mm ²	Blue	5.3 mm	0.8 mm	19 mm	7 pieces	Blister pack
558 909 2 25	1.5-2.5 mm ²	Blue	5.3 mm	0.8 mm	19 mm	100 pieces	Вох

Min./max. cable Through-hole Packaging type Colour Contents Art. no. Strength Length cross section diameter Blue Blister pack 558 910 2 80 1.5-2.5 mm² 6.5 mm 0.8 mm 21 mm 5 pieces 558 910 2 25 1.5-2.5 mm² Blue 6.5 mm 0.8 mm 21 mm 100 pieces Box 558 911 2 25 1.5-2.5 mm² Blue 8.4 mm 0.8 mm 22 mm 100 pieces Box 558 912 2 25 1.5-2.5 mm² Blue 10.5 mm 0.8 mm 22 mm 100 pieces Box 558 915 4 80 4-6 mm² Yellow 5.3 mm 22 mm 5 pieces Blister pack 1 mm 558 915 4 25 4-6 mm² Yellow 5.3 mm $1\,\text{mm}$ 22 mm 100 pieces Box 558 916 4 80 4-6 mm² Yellow 6.5 mm 1 mm 22.5 mm 5 pieces Blister pack 558 916 4 25 4-6 mm² Yellow 22.5 mm 100 pieces 6.5 mm 1 mm Box 558 917 4 25 4-6 mm² Yellow 8.4 mm 1 mm 26 mm 100 pieces Box 558 918 4 25 4-6 mm² Yellow 100 pieces 10.5 mm 1 mm 28 mm Box

BLADE RECEPTACLE, PART.INSULATED

PVC

PVC insulation Heat-resistant: up to +105°C Electrical load capacity: 600 V



Art. no.	Min./max. cable cross section	Colour	Width of Nema tab	Thickness of Nema tab	Sleeve length	Contents	Packaging type
558 960 80	0.5-1.5 mm ²	Red	2.8 mm	0.8 mm	10.5 mm	7 pieces	Blister pack
558 960 25	0.5-1.5 mm ²	Red	2.8 mm	0.8 mm	10.5 mm	100 pieces	Вох
558 976 1 80	0.5-1.5 mm ²	Red	4.8 mm	0.5 mm	10.5 mm	7 pieces	Blister pack
558 976 1 25	0.5-1.5 mm ²	Red	4.8 mm	0.5 mm	10.5 mm	100 pieces	Вох
558 905 1 80	0.5-1.5 mm ²	Red	6.3 mm	0.8 mm	10.5 mm	7 pieces	Blister pack
558 905 1 25	0.5-1.5 mm ²	Red	6.3 mm	0.8 mm	10.5 mm	100 pieces	Вох
558 976 2 25	1.5-2.5 mm ²	Blue	4.8 mm	0.5 mm	10.5 mm	100 pieces	Вох
558 905 2 80	1.5-2.5 mm ²	Blue	6.3 mm	0.8 mm	10.5 mm	7 pieces	Blister pack
558 905 2 25	1.5-2.5 mm ²	Blue	6.3 mm	0.8 mm	10.5 mm	100 pieces	Вох
558 940 2 25	1.5-2.5 mm ²	Blue	7.7 mm	0.8 mm	10.5 mm	100 pieces	Вох
558 905 4 80	4-6 mm ²	Yellow	6.3 mm	0.8 mm	13 mm	5 pieces	Blister pack
558 905 4 25	4-6 mm ²	Yellow	6.3 mm	0.8 mm	13 mm	100 pieces	Вох
558 941 4 80	4-6 mm ²	Yellow	9.5 mm	1.2 mm	13 mm	5 pieces	Blister pack
558 941 4 25	4-6 mm ²	Yellow	9.5 mm	1.2 mm	13 mm	100 pieces	Вох

BLADE RECEPTACLE, FULL.INSULATED

PVC

PVC insulation Heat-resistant: up to +105°C Electrical load capacity: 600 V



Art. no.	Min./max. cable cross section	Colour	Width of Nema tab	Thickness of Nema tab	Sleeve length	Contents	Packaging type
558 905 11 80	0.5-1.5 mm ²	Red	6.3 mm	0.8 mm	22.2 mm	5 pieces	Blister pack
558 905 11 25	0.5-1.5 mm ²	Red	6.3 mm	0.8 mm	22.2 mm	100 pieces	Box
558 905 22 80	1.5-2.5 mm ²	Blue	6.3 mm	0.8 mm	22.2 mm	5 pieces	Blister pack
558 905 22 25	1.5-2.5 mm ²	Blue	6.3 mm	0.8 mm	22.2 mm	100 pieces	Box
558 905 44 25	4-6 mm ²	Yellow	6.3 mm	0.8 mm	24.2 mm	100 pieces	Вох

ELECTRICAL

BLADE CONNECTOR, PART. INSULATED

PVC

PVC insulation

Heat-resistant: up to +105°C Electrical load capacity: 600 V



Art. no.	Min./max. cable cross section	Colour	Width of Nema tab	Thickness of Nema tab	Sleeve length	Contents	Packaging type
558 975 1 80	0.5-1.5 mm ²	Red	2.8 mm		10.5 mm	5 pieces	Blister pack
558 975 1 25	0.5-1.5 mm ²	Red	2.8 mm		10.5 mm	100 pieces	Box
558 939 1 80	0.5-1.5 mm ²	Red	4.8 mm	0.8 mm	10.5 mm	7 pieces	Blister pack
558 939 1 25	0.5-1.5 mm ²	Red	4.8 mm	0.8 mm	10.5 mm	100 pieces	Box
558 944 1 80	0.5-1.5 mm ²	Red	6.3 mm	0.8 mm	10.5 mm	5 pieces	Blister pack
558 944 1 25	0.5-1.5 mm ²	Red	6.3 mm	0.8 mm	10.5 mm	100 pieces	Box
558 939 2 25	1.5-2.5 mm ²	Blue	4.8 mm	0.8 mm	10.5 mm	100 pieces	Вох
558 945 2 80	1.5-2.5 mm ²	Blue	6.3 mm	0.8 mm	10.5 mm	7 pieces	Blister pack
558 945 2 25	1.5-2.5 mm ²	Blue	6.3 mm	0.8 mm	10.5 mm	100 pieces	Вох
558 946 4 25	4-6 mm ²	Yellow	6.3 mm	0.8 mm	13 mm	100 pieces	Box

FORK CONNECTOR, PARTIALLY INSULATED

PVC

PVC insulation

Heat-resistant: up to +105°C Electrical load capacity: 600 V



Art. no.	Min./max. cable cross section	Colour	Suitable for screwing-thread diameter (d thr)	Thickness of Nema tab	Sleeve length	Contents	Packaging type
558 922 4 25	4-6 mm ²	Yellow	5 mm	0.8 mm	13 mm	100 pieces	Вох

BUTT CONNECTORS, FULLY INSULATED

PVC

PVC insulation

Heat-resistant: up to +75°C Electrical load capacity: 600 V



Art. no.	Min./max. cable cross section	Colour	Length	Contents	Packaging type
558 925 1 80	0.5-1.5 mm ²	Red	20.2 mm	5 pieces	Blister pack
558 925 1 25	0.5-1.5 mm ²	Red	20.2 mm	100 pieces	Box
558 926 2 80	1.5-2.5 mm ²	Blue	24.6 mm	5 pieces	Blister pack
558 926 2 25	1.5-2.5 mm ²	Blue	24.6 mm	100 pieces	Вох
558 927 4 25	4-6 mm ²	Yellow	26.5 mm	100 pieces	Вох

BLADE RECEPTACLES, CONNECTOR BUS BAR, PARTIALLY INSULATED

PVC

PVC insulation

Heat-resistant: up to +105°C Electrical load capacity: 600 V



Art. no.	Min./max. cable cross section	Colour	Width of Nema tab	Thickness of Nema tab	Sleeve length	Contents	Packaging type
558 942 1 80	0.5-1.5 mm ²	Red	6.3 mm	0.8 mm	10.5 mm	5 pieces	Blister pack
558 942 1 25	0.5-1.5 mm ²	Red	6.3 mm	0.8 mm	10.5 mm	100 pieces	Вох
558 943 2 80	1.5-2.5 mm ²	Blue	6.3 mm	0.8 mm	10.5 mm	5 pieces	Blister pack
558 943 2 25	1.5-2.5 mm ²	Blue	6.3 mm	0.8 mm	10.5 mm	100 pieces	Вох

ROUND PLUG, PARTIALLY INSULATED

PVC

PVC insulation

Heat-resistant: up to +75°C Electrical load capacity: 600 V



Art. no.	Min./max. cable cross section	Colour	Outer diameter	Length	Contents	Packaging type
558 946 1 80	0.5-1 mm ²	Red	4 mm	21.5 mm	5 pieces	Blister pack
558 946 1 25	0.5-1 mm ²	Red	4 mm	21.5 mm	100 pieces	Вох
558 948 2 80	1.5-2.5 mm ²	Blue	5 mm	21.5 mm	5 pieces	Blister pack
558 948 2 25	1.5-2.5 mm ²	Blue	5 mm	21.5 mm	100 pieces	Вох
558 961 25	4-6 mm ²	Yellow	5 mm	24 mm	100 pieces	Вох

PIN TERMINAL CONN. FULLY INSULATED

PVC

PVC insulation

Heat-resistant: up to +75°C Electrical load capacity: 600 V



Art. no.	Min./max. cable cross section	Colour	Outer diameter	Length	Contents	Packaging type
558 947 1 80	0.5-1.5 mm ²	Red	4 mm	23 mm	5 pieces	Blister pack
558 947 1 25	0.5-1.5 mm ²	Red	4 mm	23 mm	100 pieces	Вох
558 949 2 80	1.5-2.5 mm ²	Blue	5 mm	23 mm	5 pieces	Blister pack
558 949 2 25	1.5-2.5 mm ²	Blue	5 mm	23 mm	100 pieces	Вох
558 962 25	4-6 mm ²	Yellow	5 mm	25 mm	100 pieces	Вох

ELECTRICAL

WATERTIGHT PLUG-IN CONNECTORS AMP SUPERSEAL 1.5 – ASSORTMENT

1-, 2-, 3- and 4-pole For cable cross section 1.5 mm² IP 67 (DIN 60050-9/IEC 60529) Watertight and reliable

Resistant to ozone, salt, petrol, diesel, brake fluid and engine oil

Ideal for the growing demands of the automotive industry, agriculture and sensor systems.





Art. no.	Content of assortment	Contents	Packaging type
	12 types, 326 pieces		
	Pin contacts 0.75–1.5 mm ² - 64 pieces		
	Socket contacts 0.75–1.5 mm ² - 64 pieces		
957 555 200 75	Sealing plugs, yellow 1.7–2.4 mm ² (insulation) - 100 pieces	1 assortment	Вох
	Sealing plugs, red 2.5–3.3 mm ² (insulation) - 50 pieces		
	Socket housing (each 8 x 1- & 2-pole/each 4 x 3- and 4-pole) - 24 pieces		
	Pin housing (each 8 x 1- & 2-pole/each 4 x 3- and 4-pole) - 24 pieces		

PIN CONTACT, SUPERSEAL

Copper, tin-plated



Art. no.	Min./max. cable cross section	Contents	Packaging type
558 995 81 16	0.75-1.5 mm ²	20 pieces	Polybag

SOCKET CONTACT, SUPERSEAL

Copper, tin-plated



Art. no.	Min./max. cable cross section	Contents	Packaging type
558 995 82 16	0.75-1.5 mm ²	20 pieces	Polybag

SEALING PLUG

Silicone

For AMP Superseal plug-in connectors



Art. no.	Colour	Contents	Packaging type
558 991 41 16	Yellow	20 pieces	Polybag
558 991 42 16	Red	20 pieces	Polybag

SOCKET HOUSING, SUPERSEAL, DIN 40050-9

PA Polyamide

1-6-pole



Art. no.	Number of electrical poles	Cable cross section	Nominal voltage	Contents	Packaging type
555 103 1 16	1 PCS	1.5 mm ²	24 V	1 piece	Polybag
555 103 2 16	2 PCS	1.5 mm ²	24 V	1 piece	Polybag
555 103 3 16	3 PCS	1.5 mm ²	24 V	1 piece	Polybag
555 103 4 16	4 PCS	1.5 mm ²	24 V	1 piece	Polybag
555 103 5 16	5 PCS	1.5 mm ²	24 V	1 piece	Polybag
555 103 6 16	6 PCS	1.5 mm ²	24 V	1 piece	Polybag

PIN HOUSING, SUPERSEAL

PA Polyamide

1-6-pole



Art. no.	Number of electrical poles	Cable cross section	Nominal voltage	Contents	Packaging type
555 102 1 16	1 PCS	1.5 mm ²	24 V	1 piece	Polybag
555 102 2 16	2 PCS	1.5 mm ²	24 V	1 piece	Polybag
555 102 3 16	3 PCS	1.5 mm ²	24 V	1 piece	Polybag
555 102 4 16	4 PCS	1.5 mm ²	24 V	1 piece	Polybag
555 102 5 16	5 PCS	1.5 mm ²	24 V	1 piece	Polybag
555 102 6 16	6 PCS	1.5 mm ²	24 V	1 piece	Polybag

PLUG-IN CONNECTOR SET, SUPERSEAL



Art. no.	Content of assortment	Contents	Packaging type
555 103 1 80	Watertight plug-in connectors AMP Superseal 1.5, 8-part set 2 x pin contacts 0.75–1.5 mm ² 2 x socket contacts 0.75–1.5 mm ² 2 x sealing plugs, yellow 1.7–2.4 mm ² (insulation) 1 x socket housing, 1-pole 1 x pin housing, 1-pole	8 pieces	Blister pack
555 103 2 80	Watertight plug-in connectors AMP Superseal 1.5, 14-part set 3 x pin contacts 0.75—1.5 mm² 3 x socket contacts 0.75—1.5 mm² 4 x sealing plugs, yellow 1.7—2.4 mm² (insulation) 2 x sealing plugs, red 2.5—3.3 mm² (insulation) 1 x socket housing, 2-pole 1 x pin housing, 2-pole	14 pieces	Blister pack
555 103 3 80	Watertight plug-in connectors AMP Superseal 1.5, 20-part set 4 x pin contacts 0.75—1.5 mm² 4 x socket contacts 0.75—1.5 mm² 6 x sealing plugs, yellow 1.7—2.4 mm² (insulation) 4 x sealing plugs, red 2.5—3.3 mm² (insulation) 1 x socket housing, 3-pole 1 x pin housing, 3-pole	20 pieces	Blister pack
555 103 4 80	Watertight plug-in connectors AMP Superseal 1.5, 26-part set 5 x pin contacts 0.75–1.5 mm² 5 x socket contacts 0.75–1.5 mm² 8 x sealing plugs, yellow 1.7–2.4 mm² (insulation) 6 x sealing plugs, red 2.5–3.3 mm² (insulation) 1 x socket housing, 4-pole 1 x pin housing, 4-pole	26 pieces	Blister pack
555 103 5 80	Watertight plug-in connectors AMP Superseal 1.5, 32-part set 6 x pin contacts 0.75–1.5 mm² 6 x socket contacts 0.75–1.5 mm² 10 x sealing plugs, yellow 1.7–2.4 mm² (insulation) 8 x sealing plugs, red 2.5–3.3 mm² (insulation) 1 x socket housing, 5-pole 1 x pin housing, 5-pole	32 pieces	Blister pack
555 103 6 80	Watertight plug-in connectors AMP Superseal 1.5, 38-part set 7 x pin contacts 0.75–1.5 mm² 7 x socket contacts 0.75–1.5 mm² 12 x sealing plugs, yellow 1.7–2.4 mm² (insulation) 10 x sealing plugs, red 2.5–3.3 mm² (insulation) 1 x socket housing, 6-pole 1 x pin housing, 6-pole	38 pieces	Blister pack

BLIND PLUGS, SUPERSEAL

Silicone

For AMP Superseal plug-in connectors

Accessories for sealing an unoccupied plug pole.



Art. no.	Min./max. diameter	Length	Colour	Contents	Packaging type
558 991 43 16	5.9-6.1 mm	7.8 mm	Red	20 pieces	Polybag

FLAT BLADE FUSES, STANDARD

DIN/ISO 72581-3 Standard for safeguarding vehicle circuits Rated current rating colour coded



Art. no.	Max. current	Colour	Width	Nominal length	Contents	Packaging type
731 003 25	3 A	Violet	12 mm	19.3 mm	50 pieces	Вох
731 005 80	5 A	Fawn brown	12 mm	19.3 mm	5 pieces	Blister pack
731 005 25	5 A	Fawn brown	12 mm	19.3 mm	50 pieces	Вох
731 007 5 80	7.5 A	Brown	12 mm	19.3 mm	5 pieces	Blister pack
731 007 5 25	7.5 A	Brown	12 mm	19.3 mm	50 pieces	Вох
731 010 80	10 A	Red	12 mm	19.3 mm	5 pieces	Blister pack
731 010 25	10 A	Red	12 mm	19.3 mm	50 pieces	Box
731 015 80	15 A	Blue	12 mm	19.3 mm	5 pieces	Blister pack
731 015 25	15 A	Blue	12 mm	19.3 mm	50 pieces	Box
731 020 80	20 A	Yellow	12 mm	19.3 mm	5 pieces	Blister pack
731 020 25	20 A	Yellow	12 mm	19.3 mm	50 pieces	Box
731 025 80	25 A	Transparent	12 mm	19.3 mm	5 pieces	Blister pack
731 025 25	25 A	Transparent	12 mm	19.3 mm	50 pieces	Box
731 030 80	30 A	Green	12 mm	19.3 mm	5 pieces	Blister pack
731 030 25	30 A	Green	12 mm	19.3 mm	50 pieces	Box
731 040 80	40 A	Orange	12 mm	19.3 mm	5 pieces	Blister pack
731 040 25	40 A	Orange	12 mm	19.3 mm	50 pieces	Box

ELECTRICAL

FLAT BLADE FUSES, STANDARD SET

DIN/ISO 72581-3

Standard for safeguarding vehicle circuits Rated current rating colour coded



Art. no.	Content of assortment	Contents	Packaging type
	3 – 30 amps, 8-part plug-in fuse set		
	1 x 3 amps		
	1 x 5 amps		
	1 x 7.5 amps		
731 003 30 80	1 x 10 amps	8 pieces	Blister pack
	1 x 15 amps		
	1 x 20 amps		
	1 x 25 amps		
	1 x 30 amps		

FLAT BLADE FUSES, MINI

DIN/ISO 72581/3F

New standard for switch protection in vehicles Rated current ratings are colour coded



Art. no.	Max. current	Colour	Width	Nominal length	Contents	Packaging type
731 102 25	2 A	Grey	8.7 mm	11.4 mm	25 pieces	Вох
731 103 25	3 A	Violet	8.7 mm	11.4 mm	25 pieces	Вох
731 104 25	4 A	Pink	8.7 mm	11.4 mm	25 pieces	Вох
731 105 80	5 A	Beige	8.7 mm	11.4 mm	6 pieces	Blister pack
731 105 25	5 A	Beige	8.7 mm	11.4 mm	25 pieces	Вох
731 175 80	7.5 A	Brown	8.7 mm	11.4 mm	6 pieces	Blister pack
731 175 25	7.5 A	Brown	8.7 mm	11.4 mm	25 pieces	Вох
731 110 80	10 A	Red	8.7 mm	11.4 mm	6 pieces	Blister pack
731 110 25	10 A	Red	8.7 mm	11.4 mm	25 pieces	Вох
731 115 80	15 A	Blue	8.7 mm	11.4 mm	6 pieces	Blister pack
731 115 25	15 A	Blue	8.7 mm	11.4 mm	25 pieces	Вох
731 120 80	20 A	Yellow	8.7 mm	11.4 mm	6 pieces	Blister pack
731 120 25	20 A	Yellow	8.7 mm	11.4 mm	25 pieces	Вох
731 125 80	25 A	Transparent	8.7 mm	11.4 mm	6 pieces	Blister pack
731 125 25	25 A	Transparent	8.7 mm	11.4 mm	25 pieces	Вох
731 130 80	30 A	Green	8.7 mm	11.4 mm	6 pieces	Blister pack
731 130 25	30 A	Green	8.7 mm	11.4 mm	25 pieces	Вох

FLAT CONNECTOR FUSES, MINI SET

DIN/ISO 72581/3F

New standard for switch protection in vehicles Rated current ratings are colour coded



Art. no.	Content of assortment	Contents	Packaging type
	3 – 30 amps, 8-part plug-in fuse set 1 x 3 amps		
			Blister pack
	1 x 5 amps		
	1 x 7.5 amps		
731 150 80	1 x 10 amps	8 pieces	
	1 x 15 amps		
	1 x 20 amps		
	1 x 25 amps		
	1 x 30 amps		

FLAT BLADE FUSES, LOW-PROFILE MINI

Features similar to mini-standard Rated current ratings are colour coded Lower overall height for less space

Very common in newer vehicles.



Art. no.	Max. current	Colour	Width	Nominal length	Contents	Packaging type
731 302	16 2 A	Grey	8.7 mm	10.9 mm	5 pieces	Polybag
731 303	16 3 A	Violet	8.7 mm	10.9 mm	5 pieces	Polybag
731 304	16 4 A	Pink	8.7 mm	10.9 mm	5 pieces	Polybag
731 305	16 5 A	Brown	8.7 mm	10.9 mm	5 pieces	Polybag
731 307	16 7.5 A	Brown	8.7 mm	10.9 mm	5 pieces	Polybag
731 310	16 10 A	Red	8.7 mm	10.9 mm	5 pieces	Polybag
731 315	16 15 A	Blue	8.7 mm	10.9 mm	5 pieces	Polybag
731 320	16 20 A	Yellow	8.7 mm	10.9 mm	5 pieces	Polybag
731 325	16 25 A	Natural	8.7 mm	10.9 mm	5 pieces	Polybag
731 330	16 30 A	Green	8.7 mm	10.9 mm	5 pieces	Polybag

ELECTRICAL

FLAT BLADE FUSES, MINI LOW PROFILE SET

Features similar to mini-standard Rated current ratings are colour coded Lower overall height for less space

Very common in newer vehicles.



Art. no.	Content of assortment	Contents	Packaging type
	4-part plug-in fuse set, low profile mini 5 – 15 amps		
	1 x 5 amps		
731 300 80	1 x 7.5 amps	4 pieces	Blister pack
	1 x 10 amps		
	1 x 15 amps		
	4-part plug-in fuse set, low profile mini 15 – 30 amps		
	1 x 15 amps		
731 301 80	1 x 20 amps	4 pieces	Blister pack
	1 x 25 amps		
	1 x 30 amps		

FLAT BLADE FUSES, MAXI

DIN/ISO 72581/3E 32 V standard flat blade fuse in maxi design Rated current ratings are colour coded



Art. no.		Max. current	Colour	Width	Nominal length	Contents	Packaging type
731 220	80	20 A	Yellow	22 mm	31 mm	1 piece	Blister pack
731 230	80	30 A	Green	22 mm	31 mm	1 piece	Blister pack
731 240	80	40 A	Orange	22 mm	31 mm	1 piece	Blister pack
731 250	80	50 A	Red	22 mm	31 mm	1 piece	Blister pack
731 260	80	60 A	Blue	22 mm	31 mm	1 piece	Blister pack
731 270	80	70 A	Brown	22 mm	31 mm	1 piece	Blister pack
731 280	80	80 A	Transparent	22 mm	31 mm	1 piece	Blister pack

BLOCK FUSE, TYPE J

 $Voltage: \leq 32\,V$

Heat-resistant: -40°C to +125°C

Dimensions (W x D x H): 14.1 x 12.0 x 27.2 mm

Copper alloy contacts

ISO 8820-4

Rated current ratings are colour coded



Art. no.	Max. current	Colour	Contents	Packaging type
731 202 20 80	20 A	Light blue	1 piece	Blister pack
731 202 25 80	25 A	White	1 piece	Blister pack
731 202 30 80	30 A	Pink	1 piece	Blister pack
731 202 40 80	40 A	Green	1 piece	Blister pack
731 202 50 80	50 A	Red	1 piece	Blister pack

BLOCK FUSE TYPE J – LOW PROFILE

Voltage: ≤ 32 V

Heat-resistant: -40°C to +125°C

Dimensions (W x D x H): 14.1 x 12.0 x 15.9 mm

Copper alloy contacts

ISO 8820-4

Rated current ratings are colour coded



Art. no.	Max. current	Colour	Contents	Packaging type
731 203 20 80	20 A	Light blue	1 piece	Blister pack
731 203 25 80	25 A	Natural	1 piece	Blister pack
731 203 30 80	30 A	Pink	1 piece	Blister pack
731 203 40 80	40 A	Green	1 piece	Blister pack
731 203 50 80	50 A	Red	1 piece	Blister pack

HIGH-POWER SCREW-FIT FUSES MIDIOTO

High current cable protection up to 58 V Heat-resistant: -40°C to +125°C Size (L x W): 41.0 x 12.0 mm Tin-plated copper alloy contacts

ISO 8820-5

Rated current ratings are colour coded

For 2 x M5 or M6 screws (max. tightening torque: 4.5 Nm)

Art. no.	Max. current	Colour	Mounting hole min.	distance from bolt end to centre of hole	Contents	Packaging type
731 309 030 80	30 A	Orange	5 mm	30 mm	1 piece	Blister pack
731 309 040 80	40 A	Green	5 mm	30 mm	1 piece	Blister pack
731 309 050 80	50 A	Red	5 mm	30 mm	1 piece	Blister pack
731 309 060 80	60 A	Yellow	5 mm	30 mm	1 piece	Blister pack
731 309 070 80	70 A	Brown	5 mm	30 mm	1 piece	Blister pack
731 309 080 80	80 A	White	5 mm	30 mm	1 piece	Blister pack

ELECTRICAL

Art. no.	Max. current	Colour	Mounting hole min.	Distance from bolt end to centre of hole	Contents	Packaging type
731 309 100 80	100 A	Blue	5 mm	30 mm	1 piece	Blister pack
731 309 125 80	125 A	Pink	5 mm	30 mm	1 piece	Blister pack
731 309 150 80	150 A	Grey	6 mm	30 mm	1 piece	Blister pack

HIGH-POWER SCREW-FIT FUSES MEGAOTO

High current cable protection up to 32 V Heat-resistant: -40°C to +125°C Size (L x W): 58.0 x 18.3 mm Tin-plated copper alloy contacts

ISO 8820-5

Rated current ratings are colour coded

For 2 x M8 screws (max. tightening torque: 12 Nm)



Art. no.	Nominal length	Colour	Mounting hole min.	Distance from bolt end to centre of hole	Contents	Packaging type
731 310 200 80	68 mm	Blue	8 mm	50.9 mm	1 piece	Blister pack
731 310 100 80	68 mm	Yellow	8 mm	50.9 mm	1 piece	Blister pack
731 310 300 80	68 mm	Grey	8 mm	50.9 mm	1 piece	Blister pack
731 310 150 80	68 mm	Orange	8 mm	50.9 mm	1 piece	Blister pack
731 310 250 80	68 mm	Pink	8 mm	50.9 mm	1 piece	Blister pack
731 310 080 80	68 mm	Red	8 mm	50.9 mm	1 piece	Blister pack
731 310 175 80	68 mm	White	8 mm	50.9 mm	1 piece	Blister pack

METAL STRIP FUSES

For diesel vehicles (preheating system)



Art. no.		Max. current	Nominal voltage	Width	Opening	Length	Contents	Packaging type
731 50	80	50 A	32 V	11 mm	5.5 mm	30 mm	5 pieces	Blister pack
731 501	25	50 A	32 V	11 mm	5.5 mm	30 mm	20 pieces	Вох
731 80	80	80 A	32 V	11 mm	5.5 mm	30 mm	5 pieces	Blister pack
731 80	25	80 A	32 V	11 mm	5.5 mm	30 mm	20 pieces	Вох

GLASS FUSES, JAPANESE



Art. no.	Content of assortment	Contents	Packaging type
	5-part glass fuse set 10 – 30 amps		
	1 x 10 amps		
732 50 80	1 x 15 amps	5 pieces	Blister pack
73230 60	1 x 20 amps	3 pieces	blister pack
	1 x 25 amps		
	1 x 30 amps		

GLASS FUSES



Art. no	١.	Content of assortment	Contents	Packaging type
		5-part glass fuse set for car radios 2 and 5 amps		
733 50	80	2 x 2 amps	5 pieces	Blister pack
		3 x 5 amps		

SAFETY FUSES

Zinc, plastic

DIN/ISO 72581-1

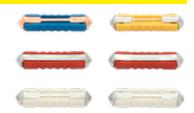


Art. no.	Max. current	Colour	Nominal voltage	Width	Length	Contents	Packaging type
730 25 5 25	5 A	Yellow	32 V	6 mm	25 mm	100 pieces	Вох
730 25 8 25	8 A	White	32 V	6 mm	25 mm	100 pieces	Вох
730 25 161 25	16 A	Red	32 V	6 mm	25 mm	100 pieces	Вох
730 25 25 25	25 A	Blue	32 V	6 mm	25 mm	100 pieces	Вох

SAFETY FUSES, SET

Zinc, plastic

DIN/ISO 72581-1



Art. no.	Content of assortment	Contents	Packaging type
	6-part safety fuse set 5 – 25 amps		
	1 x 5 amps		
730 5 40 80	2 x 8 amps	6 pieces	Blister pack
	2 x 16 amps		
	1 x 25 amps		

FUSE HOLDER FOR FLAT BLADE FUSES A 20

PP - polypropylene

DIN/ISO 72581/3C

For vehicle flat blade fuses (standard)

For direct mounting without having to cut or strip the cable.



Art. no.	Max. cable cross section	Min./max. current	Contents	Packaging type
555 972 80	1.5 mm ²	2–20 A	2 pieces	Blister pack
555 972 25	1.5 mm ²	2–20 A	20 pieces	Вох

ELECTRICAL

FUSE HOLDER FOR FLAT BLADE FUSES A 16

DIN/ISO 72581/3C

Two side connections for 6.3 x 0.8 mm blade receptacles



Art. no.	Min./max. cable cross section	Max. current	Contents	Packaging type
555 625 2 80	2.5-4 mm ²	16 A	1 piece	Blister pack
555 625 2 25	2.5-4 mm ²	16 A	10 pieces	Box

FLAT BLADE FUSE ADAPTER

PA - polyamide, UL 94 VO

DIN/ISO 72581/3F

For vehicle flat blade fuses

555 970 001 .. suitable for mini 555 970 002 .. suitable for standard With 2 fuse slots for separate protection of the existing circuit and the added circuit.

Packaging type Art. no. Contents 555 970 001 80 1 piece Blister pack

555 970 002 80 1 piece Blister pack 555 970 001 16 Polybag 5 pieces 555 970 002 16 5 pieces Polybag

FUSE HOLDER FOR FLAT BLADE FUSES MINI, WITH CABLE

PA – polyamide, UL 94 VO

DIN/ISO 72581/3F

For vehicle flat blade fuses (mini)

Splash-proof with protective cap

Cable with open ends





FUSE HOLDER FOR FLAT BLADE FUSES, WITH CABLE

UL 94 V0 DIN/ISO 72581/3C For vehicle flat blade fuses (standard) Splash-proof with protective cap Cable with open ends



Art. no.	Cable cross section	Max. current	Contents	Packaging type
555 974 80	2.5 mm ²	25 A	1 piece	Blister pack

FUSE HOLDER FOR SAFETY FUSES WITH FUSE

DIN/ISO 72581-1 With bayonet mount

For safeguarding additional devices installed later.



Art. no.	Min./max. cable cross section	Max. current	Contents	Packaging type
555 625 80	0.75-2.5 mm ²	8 A	1 piece	Blister pack
555 625 25	0.75-2.5 mm ²	8 A	10 pieces	Box
555 625 1 80	2.5-4 mm ²	16 A	1 piece	Blister pack
555 625 1 25	2.5-4 mm ²	16 A	10 pieces	Вох

BATTERY TERMINAL + FORM A UP TO 50 QMM

Brass, tin-plated



Art. no.	Shape	Cable cross section	Electrical-pole diameter	Width across flats	Contents	Packaging type
510 1 75	A	50 mm ²	17.5 mm	10 mm	10 pieces	Вох

BATTERY TERMINAL - FORM B UP TO 50 QMM

Brass, tin-plated



Art. no.	Shape	Cable cross section	Electrical-pole diameter	Width across flats	Contents	Packaging type
510 3 75	В	50 mm ²	15.9 mm	10 mm	10 pieces	Вох

ELECTRICAL

BATTERY TERMINAL, +/- UP TO 50 QMM

Brass, tin-plated



Art. no.	Content of assortment	Contents	Packaging type
	Battery terminal set +/- standard, 2 pieces		
510 1 3 80	1 piece: + type A, up to 50 mm ²	2 pieces	Blister pack
	1 piece: - type B, up to 50 mm ²		

BATTERY TERMINAL + FORM C UP TO 50 QMM

Brass, tin-plated



Art. no.	Shape	Cable cross section	Electrical-pole diameter	Width across flats	Contents	Packaging type
510 4 75	С	50 mm ²	17.5 mm	10 mm	10 pieces	Вох

BATTERY TERMINAL, FORM D UP TO 50 QMM

Brass, tin-plated



Art. no.	Shape	Cable cross section	Electrical-pole diameter	Width across flats	Contents	Packaging type
510 2 75	D	50 mm ²	15.9 mm	10 mm	10 pieces	Box

BATTERY TERMINAL FORD SET +/-

Brass, tin-plated



Art. no.	Content of assortment	Contents	Packaging type
	Battery terminal set +/- round pole to Ford pole, 2 pieces		
510 25 26 80	1 piece: + type A up to 50 mm ²	2 pieces	Blister pack
	1 piece: - type B up to 50 mm ²		

BATTERY TERMINAL + FORM A UP TO 70 QMM

Brass, tin-plated



Art. no.	Shape	Cable cross section	Electrical-pole diameter	Width across flats	Contents	Packaging type
510 7 75	A	70 mm ²	15.9 mm	10 mm	10 pieces	Вох

BATTERY TERMINAL - FORM B UP TO 70 QMM

Brass, tin-plated



Art. no. Shape	Cable cross section	Electrical-pole diameter	Width across flats	Contents	Packaging type
510 6 75 B	70 mm ²	15.9 mm	10 mm	10 pieces	Вох

BATTERY TERMINAL BÜSSING + UP TO 70 QMM

Brass, tin-plated



Art. no. Model	Cable cross section	Electrical-pole diameter	Width across flats	Contents	Packaging type
510 19 75 Büssing, right	70 mm ²	17.5 mm	10 mm	10 pieces	Вох

BATTERY TERMINAL BÜSSING - UP TO 70 QMM

Brass, tin-plated



Art. no.	Model	Cable cross section	Electrical-pole diameter	Width across flats	Contents	Packaging type
510 20 75	Büssing, right	70 mm ²	15.9 mm	10 mm	10 pieces	Box

ELECTRICAL

BATTERY GROUND STRAP

Steel, tin-plated

Clamp: Steel, tin-plated

With single-sided battery terminal \emptyset 15.9 mm



Art. no.	Cable cross section	Length	Diameter of hole	Electrical-pole diameter	Contents	Packaging type
510 935 021 75	21 mm ²	350 mm	10.5 mm	15.9 mm	5 pieces	Box

CHARGING CLIPS 25 A +

Steel, sendzimir zinc-plated

Cable connection with screw 4 mm Cable mounting without cable lug

Mainly used on motorcycles.



Art. no.	Max. current	Polarity type	Length	Contents	Packaging type
510 025 75	25 A	Plus	75 mm	10 pieces	Вох

CHARGING CLIPS 25 A-

Steel, sendzimir zinc-plated

Cable connection with screw 4 mm Cable mounting without cable lug

Mainly used on motorcycles.



Art. no.	Max. current	Polarity type	Length	Contents	Packaging type
510 002 5 75	25 A	Minus	75 mm	10 pieces	Вох

CHARGER CLAMPS 100 A, FULLY INSULATED

Cable can be crimped up to 35 mm^2 or screwed on with M6 eyelet With strain relief

Load up to 100 amps (according to DIN 72553)

Clamping range: max. 40 mm



Art. no.	Cable cross section	Max. current	Polarity type	Colour	Length	Contents	Packaging type
773 306 0 75	35 mm ²	100 A	Minus	Black	160 mm	1 piece	unpackaged
773 305 9 75	35 mm ²	100 A	Plus	Red	160 mm	1 piece	unpackaged

CHARGER CLAMPS 200 A, FULLY INSULATED

Live side with brass cast insert
Cable can be crimped up to 35 mm² or screwed on with M6 eyelet
With strain relief
Load up to 200 amps (according to DIN 72553)
Clamping range: max. 40 mm



Art. no.	Cable cross section	Max. current	Polarity type	Colour	Length	Contents	Packaging type
773 306 6 75	35 mm ²	200 A	Minus	Black	160 mm	1 piece	unpackaged
773 306 1 75	35 mm ²	200 A	Plus	Red	160 mm	1 piece	unpackaged

CHARGER CLAMPS 220 A, FULLY INSULATED

Cable can be crimped up to 35 mm² or screwed on with M6 eyelet Load up to 220 amps (according to DIN 72553) Clamping range: max. 40 mm



Art. no.	Cable cros	s section Max. currer	nt Polarity type	Colour	Length	Contents	Packaging type
773 306	62 75 35 mm ²	220 A	Minus	Black	155 mm	1 piece	unpackaged
773 306	12 75 35 mm ²	220 A	Plus	Red	155 mm	1 piece	unpackaged

CHARGER CLAMP SET 100 A, FULLY INSULATED

Set of positive and negative pole clamps
Cable can be crimped up to 35 mm² or screwed on with M6 eyelet
With strain relief
Clamping range: max. 40 mm



Art. no.	Content of assortment	Contents	Packaging type
	Charger clamp set, 2 pieces		
773 305 00 85	100 A	2 pieces	Polybag
	Red/black		

ELECTRICAL

CHARGER CLAMP SET 220 A, FULLY INSULATED

Set of positive and negative pole clamps
Cable can be crimped up to 35 mm² or screwed on with M6 eyelet
Clamping range: max. 40 mm



Art. no.	Content of assortment	Contents	Packaging type
	Charger clamp set, 2 pieces		
773 306 001 85	220 A	2 pieces	Polybag
	Red/black		

PLASTIC SOCKETS, 7-POLE

Plastic

With switch-off contact for rear fog lamps on towing vehicle (according to ISO 1724)

For on-board voltage: 12 V Maximum current: 20 A

Includes rubber seal and add-on set

For connection to towing vehicle.



Art. no.	Content of assortment	Contents	Packaging type
772 050 75	Set including add-on set 1 x socket, 7-pole 1 x rubber seal 1 x add-on set	1 piece	Вох

ATTACHMENT KITS, 7-PIN SOCKETS

Steel, zinc-plated



Art. no.	Content of assortment	Contents	Packaging type
	Set of 12 pieces		
	3 x threaded bolts, pan head, zinc-plated, M5 x 40 mm		
772 040 80	3 x nuts, zinc-plated, M5	1 piece	Blister pack
	3 x lock washers, zinc-plated, M5		-
	3 x washers, zinc-plated, M5		

UNIVERSAL SPEAKER CONNECTION ADAPTER

ISO plug for four speakers Configuration: 8-pole Open ends



Art. no.	Length	Contents	Packaging type
545 000 03 80	200 mm	1 piece	Blister pack

AERIAL ADAPTER UNIVERSAL CONVERSION ADAPTER ISO LS

ISO socket for four speakers Configuration: 8-pole Open ends





Art. no.	Length	Contents	Packaging type
545 000 031 80	200 mm	1 piece	Blister pack

UNIVERSAL POWER ADAPTER

ISO plug, power supply Configuration: 5-pole Open ends

ISO to universal.



AERIAL UNIV CONV ADAPTER, ISO POWER

ISO socket, power supply Configuration: 5-pole Open ends

ISO to power connection.



Art. no.	Length	Contents	Packaging type
545 000 041 80	200 mm	1 piece	Blister pack

ANTENNA ADAPTER DIN

New to old radio standard

For connecting a 50-ohm aerial connector to an old 150-ohm car radio input.



Art. no.	Contents	Packaging type
545 000 08 80	1 piece	Blister pack

ELECTRICAL

ANTENNA ADAPTER ISO

Old to new radio standard 90° angled down Fully shielded

Used to connect an old 150-ohm plug to car radios with a new 50-ohm connector.



Art. no.	Contents	Packaging type
545 000 09 80	1 piece	Blister pack



WORKSHOP ASSORTMENTS

Breather screws, 18 types, 64 PCS



Breather screws, chrome-plated

	SALE CONTRACTOR OF THE			
M6 x 1/SW	7/38	3 PCS	M8 x 1 SW 8 x 37.9	3 PCS
M6 x 1/SW	7/29	3 PCS	M8 x 1.25 SW 8 x 24.5	3 PCS
M7 x 1/SW	7/26.2	3 PCS	M8 x 1.25 SW 9 x 41.5	3 PCS
M7 x 1/SW	7/28.7	3 PCS	M8 x 1.25 SW 9 x 35.5	3 PCS
M7 x 1/SW	7/30.5	3 PCS	M8 x 1.25 SW 9 x 32.4	3 PCS
M7 x 1/SW	7/38.3	3 PCS	M10 x 1.25 SW 10 x 28	3 PCS
M7 x 1/SW	9/33	3 PCS	M10 x 1 SW 10 x 34	3 PCS
M8 x 1/SW	9/32	3 PCS	M10 x 1 SW 11 x 36	3 PCS
M8 x 1/SW	9/33.5	3 PCS	M10 x 1 SW 11 x 30	3 PCS
Dust cap fo	r breather so	rew, 10 PCS		

Article no.: 957 889 2 75

Brake line, D 4.75 mm, steel, 5.0 m, CR6-free



Article no. 889 047 5 45

Brake line nipples, 12 types, 76 PCS



rialiye r	
4.75mm ² /M10 x 1, 11 x 16.7	10 PCS
4.75mm ² /M12 x 1, 12 x 20	5 PCS

4.75mm²/M12 x 1, 12 x 20 5 PCS 4.75mm²/M10 x 1.25, 10 x 19.55 PCS 3/8 x 24 UNF 2A SW11, 11 x 21 5 PCS

Brake line connector

M10 x 1 x 24, Flange E 3 PCS M10 x 1 x 24, Flange F 3 PCS **Brake line clip** 3/16" or 5 mm line 10 PCS **Article no.: 957 889 1 75** Flange E

4.75mm²/M10 x 1, 10 x 16.7 10 PCS 4.75mm²/M10 x 1, 14 x 13 5 PCS 3/8 x 24 UNF 2A SW10, 10 x 18 5 PCS 3/8 x 24 UNF 2B SW14, 14 x 17.5 5 PCS 6 mm²/M12 x 1, 12 x 18 5 PCS 1/2" x 20 UNF 2A SW13 5 PCS

Brake line, D 4.75 mm, copper nickel, 5 m



Article no. 889 047 53 45

BRAKE LINES AND ACCESSORIES

BRAKE LINES, STEEL

Steel

Galvanic copper plating on the inside and outside
Additional zinc plating and plastic coating on the outside

Rolled

Seamlessly drawn according to DIN/ISO 74234

Yield strength: 160 N/mm² Tensile strength: 300 N/mm²

All parts must be de-energised for installation!

Art. no.	Outer diameter	Length	Material thickness	Burst pressure	Contents	Packaging type
889 047 5 45	4.75 mm	5000 mm	0.7 mm	1100 bar	5 metres	Collar
889 047 6 45	6 mm	5000 mm	0.7 mm	850 bar	5 metres	Collar

BRAKE LINES, COPPER-NICKEL

Copper-nickel

Cu Ni 10 Fe 1Mn

Rolled

Seamlessly drawn according to DIN/ISO 74234

Yield strength: 160 N/mm² Tensile strength: 300 N/mm²

The materials specified by the vehicle manufacturer must be used!

Brake lines may only be replaced by lines of the same quality.

All parts must be do a particular for installation!

All parts must be de-energised for installation!

Art. no.	Outer diameter	Length	Material thickness	Burst pressure	Contents	Packaging type
889 047 53 45	4.75 mm	5000 mm	0.7 mm	1100 bar	5 metres	Collar
889 047 531 45	4.75 mm	25000 mm	0.7 mm	1100 bar	25 metres	Collar
889 047 63 45	6 mm	5000 mm	0.7 mm	850 bar	5 metres	Collar

BRAKE LINES, COPPER

Copper

Rolled

Seamlessly drawn according to DIN/ISO 74234

Yield strength: 160 N/mm² Tensile strength: 300 N/mm²

The materials specified by the vehicle manufacturer must be used! Brake lines may only be replaced by lines of the same quality.

All parts must be de-energised for installation!







BRAKE LINE PIECES, FLANGE E, STEEL

Steel

Both sides flared with a brake line connector Galvanic copper plating on the inside and outside Additional zinc plating and plastic coating on the outside Seamlessly drawn according to DIN/ISO 74234

Yield strength: 160 N/mm² Tensile strength: 300 N/mm² Burst pressure: 1,100 bar



Art. no.	Outer diameter	Length	Material thickness	Thread diameter (metric) of brake line connector	Pitch of brake line connector	Contents	Packaging type
889 200 150 75	4.75 mm	150 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 200 200 75	4.75 mm	200 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 200 300 75	4.75 mm	300 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 200 400 75	4.75 mm	400 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 200 500 75	4.75 mm	500 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 200 600 75	4.75 mm	600 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 200 700 75	4.75 mm	700 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 200 800 75	4.75 mm	800 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 200 900 75	4.75 mm	900 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 201 000 75	4.75 mm	1000 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 201 100 75	4.75 mm	1100 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 201 200 75	4.75 mm	1200 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 201 300 75	4.75 mm	1300 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 201 400 75	4.75 mm	1400 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 201 500 75	4.75 mm	1500 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 201 600 75	4.75 mm	1600 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 202 000 75	4.75 mm	2000 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag

BRAKE LINE PIECES, FLANGE F, STEEL

Steel

Both sides flared with a brake line connector Galvanic copper plating on the inside and outside Additional zinc plating and plastic coating on the outside Seamlessly drawn according to DIN/ISO 74234

Yield strength: 160 N/mm² Tensile strength: 300 N/mm² Burst pressure: 1,100 bar



Art. no.	Outer diameter	Length	Material thickness	Thread diameter (metric) of brake line connector	Pitch of brake line connector	Contents	Packaging type
889 300 150 75	4.75 mm	150 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 300 200 75	4.75 mm	200 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 300 250 75	4.75 mm	250 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 300 300 75	4.75 mm	300 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 300 350 75	4.75 mm	350 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 300 400 75	4.75 mm	400 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 300 450 75	4.75 mm	450 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 300 500 75	4.75 mm	500 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag

BRAKE LINES AND ACCESSORIES

Art. no.	Outer diameter	Length	Material thickness	Thread diameter (metric) of brake line connector	Pitch of brake line connector	Contents	Packaging type
889 300 550 75	4.75 mm	550 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 300 600 75	4.75 mm	600 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 300 650 75	4.75 mm	650 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 300 700 75	4.75 mm	700 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 300 750 75	4.75 mm	750 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 300 800 75	4.75 mm	800 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 300 850 75	4.75 mm	850 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 300 900 75	4.75 mm	900 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 300 950 75	4.75 mm	950 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 301 000 75	4.75 mm	1000 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 301 100 75	4.75 mm	1100 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 301 200 75	4.75 mm	1200 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 301 300 75	4.75 mm	1300 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 301 400 75	4.75 mm	1400 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 301 500 75	4.75 mm	1500 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 301 600 75	4.75 mm	1600 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag
889 302 000 75	4.75 mm	2000 mm	0.7 mm	10 mm	1 mm	1 piece	Polybag

WALL BRACKET FOR BRAKE LINE PIECES, EQUIPPED

Holder 49 cm wide for wall mounting including assignment of lengths Both sides flared with a brake line connector Galvanic copper plating on the inside and outside Additional zinc plating and plastic coating on the outside Seamlessly drawn according to DIN/ISO 74234

Yield strength: 160 N/mm² Tensile strength: 300 N/mm²



Art. no.	Content of assortment	Contents	Packaging type
889 900 200 75	Flange E steel 4.75 mm, 37 pieces, assorted Japanese vehicles/Opel/Renault 3 pieces each of 150 mm—1000 mm 1 piece each of 1000 mm—2000 mm	1 piece	unpackaged
889 900 300 75	Flange F steel 4.75 mm, 52 pieces, assorted Audi/BMW/Fiat/Ford/Daimler Chrysler/Opel/Peugeot/Porsche/Saab/Volvo/VW 3 pieces each of 150 mm—1000 mm 1 piece each of 1000 mm—2000 mm	1 piece	unpackaged

MINI PIPE CUTTER

Die-cast

Die-cast HSS cutting wheel
For pipes with dia. 3—16 mm (1/8"—5/8")
For copper, brass and thin-walled steel pipes
Small working radius for tight spaces
Two guide rollers with a groove for cutting close to the flaring
With deburring tool in the knurled screw





Art. no.	Suitable for min./max. material thickness	Contents	Packaging type
889 105 75	3-16 mm	1 piece	unpackaged

BRAKE LINES AND ACCESSORIES

BRAKE LINE CLIPS

Plastic

For attaching two brake lines to the vehicle.



Art. no.	Suitable for line diameter	Width	Height	Depth	Contents	Packaging type
889 531 16	4.75 mm	25.6 mm	13.5 mm	13 mm	10 pieces	Polybag

BRAKE LINE NIPPLE, VEHICLE-SPECIFIC, FLANGE E

Free machining steel

For 4.75 mm diameter brake line. 889 509 16 for 6 mm diameter brake line.







Art. no.	Connecting thread	Suitable for vehicle manufacturer	Nominal length	Internal diameter	Width across flats	Contents	Packaging type
889 511 16	1/2 inch - 20 UNF-2A	Peugeot	18 mm	5.2 mm	13 mm	10 pieces	Polybag
889 503 16	3/8 inch - 24 UNF	Renault, Rover, Saab, Volvo	21 mm	5.2 mm	11 mm	10 pieces	Polybag
889 504 16	3/8 inch - 24 UNF-2A	Peugeot, Talbot, Volvo	18 mm	5.2 mm	10 mm	10 pieces	Polybag
889 507 16	3/8 inch - 24 UNF-2B	Bedford, Rover, Sunbeam, Talbot, Saab, Vauxhall	17.5 mm	5.2 mm	14 mm	10 pieces	Polybag
889 502 16	M10 x 1	Audi, Citroen, Fiat, Ford, Opel, Peugeot, Renault, Seat, Volkswagen	14 mm	5.2 mm	14 mm	10 pieces	Polybag
889 501 80	M10 x 1	Daihatsu, Hyundai, Nissan, Opel, Skoda, Toyota	16.7 mm	5.2 mm	10 mm	5 pieces	Blister pack
889 501 16	M10 x 1	Daihatsu, Hyundai, Nissan, Opel, Skoda, Toyota	16.7 mm	5.2 mm	10 mm	10 pieces	Polybag
889 501 100 16	M10 x 1	Daihatsu, Hyundai, Nissan, Opel, Skoda, Toyota	16.7 mm	5.2 mm	10 mm	50 pieces	Polybag
889 512 16	M10 x 1	Nissan, Honda, Mazda	18 mm	5.2 mm	10 mm	10 pieces	Polybag
889 509 16	M12 x 1	Audi, Ford, Saab, Volvo, Volkswagen	18 mm	6.2 mm	12 mm	10 pieces	Polybag

Brake lines and accessories

BRAKE LINE NIPPLE, VEHICLE-SPECIFIC, FLANGE F

Machining steel, zinc-plated For 4.75 mm diameter brake line.





Art. no.	Connecting thread	Suitable for vehicle manufacturer	Nominal length	Internal diameter	Width across flats	Contents	Packaging type
889 500 80	M10 x 1	Audi, BMW, Citroen, Fiat, Ford, Honda, Mercedes-Benz, Mit- subishi, Nissan, Opel, Peugeot, Renault, Volkswagen	16.7 mm	5.2 mm	11 mm	5 pieces	Blister pack
889 500 16	M10 x 1	Audi, BMW, Citroen, Fiat, Ford, Honda, Mercedes-Benz, Mit- subishi, Nissan, Opel, Peugeot, Renault, Volkswagen	16.7 mm	5.2 mm	11 mm	10 pieces	Polybag
889 500 100 16	M10 x 1	Audi, BMW, Citroen, Fiat, Ford, Honda, Mercedes-Benz, Mit- subishi, Nissan, Opel, Peugeot, Renault, Volkswagen	16.7 mm	5.2 mm	11 mm	50 pieces	Polybag
889 506 16	M10 x 1.25	Autobianci, Dacia, Fiat, Lada, Lancia, Zastava	19.5 mm	5.2 mm	10 mm	10 pieces	Polybag
889 508 16	M12 x 1	Alfa Romeo, Audi, Citroen, Fiat, Ford, Honda, Opel, Peu- geot, Renault, Seat, Volkswagen	20 mm	5.2 mm	12 mm	10 pieces	Polybag

BRAKE LINE CONNECTOR, FLANGE F

For 4.75 mm diameter brake line.

Brake line connector with two female threads (inner cone in nipple, outer cone in connector) Thread: M10x1 Suitable for 889 500 16







Art. no.	Connecting thread	Internal diameter	Outer diameter	Nominal length	Width across flats	Contents	Packaging type
889 523 80	M10 x 1	3.5 mm	13.8 mm	24 mm	14 mm	2 pieces	Blister pack
889 523 16	M10 x 1	3.5 mm	13.8 mm	24 mm	14 mm	10 pieces	Polybag
889 523 100 16	M10 x 1	3.5 mm	13.8 mm	24 mm	14 mm	25 pieces	Polybag

BRAKE LINE CONNECTOR, FLANGE E

Free machining steel

Brake line connector with two female threads (inner cone in nipple, outer cone in connector)

Thread: M10x1 Suitable for 889 501 16 毛



For 4.75 mm diameter brake line.

Art. no.	Connecting thread	Internal diameter	Outer diameter	Nominal length	Width across flats	Contents	Packaging type
889 522 80	M10 x 1	3.5 mm	13.8 mm	24 mm	14 mm	2 pieces	Blister pack
889 522 16	M10 x 1	3.5 mm	13.8 mm	24 mm	14 mm	10 pieces	Polybag
889 522 100 16	M10 x 1	3.5 mm	13.8 mm	24 mm	14 mm	25 pieces	Polybag

BRAKE LINE CONNECTOR, FLANGE E/F

Free machining steel

Brake line connector with two female threads (inner cone in nipple, outer cone in connector)

Thread: M10x1







Art. no.	Connecting thread	Internal diameter	Outer diameter	Nominal length	Width across flats	Contents	Packaging type
889 524 16	M12 x 1	4.5 mm	12 mm	29 mm	17 mm	10 pieces	Polybag

CUTTING RING CONNECTOR, UNIVERSAL

Machining steel, zinc-plated

Assembly without flanging Double cone with cutting ring

Compression-proof up to 600 bar Recommended tightening torque 12 to 14 Nm

Installation recommendation must be observed www.swg.de/88999900116



Art. no.	Suitable for line diameter	Internal diameter	Nominal length	Width across flats	Contents	Packaging type
889 999 001 16	4.75 mm	4.95 mm	33.5 mm	11 mm	10 pieces	Polybag
889 999 002 16	6 mm	6.15 mm	33.5 mm	15 mm	2 pieces	Polybag

BRAKE LINES AND ACCESSORIES

BREATHER SCREWS SW, CHROME-PLATED

Steel, chrome-plated 45° sealing cone



Art. no.		Connecting thread	Suitable for vehicle manufacturer	Internal diameter	Nominal length	Width across flats	Contents	Packaging type
889 606	16	M6 x 1	Audi, BMW, Mercedes- Benz, Saab, Seat, Volkswagen	3.5 mm	29 mm	7 mm	10 pieces	Polybag
889 602	16	M6 x 1	Audi, Seat, Skoda, Subaru, Volkswagen	3.5 mm	38 mm	7 mm	10 pieces	Polybag
889 610	16	M7 x 1	Alfa Romeo, Audi, BMW, Citroen, Fiat, Ford, Mazda, Mercedes- Benz, Mitsubishi, Peugeot, Renault, Saab, Seat, Subaru, Suzuki, Toyota, Volkswagen	2.5 mm	30.5 mm	7 mm	10 pieces	Polybag
889 611	16	M7 x 1	Alfa Romeo, Audi, Citroen, Ford, Mazda, Opel, Peugeot, Seat, Skoda, Toyota, Volkswagen, Volvo	3.5 mm	38.3 mm	7 mm	10 pieces	Polybag
889 608	16	M7 x 1	Alfa Romeo, BMW, Citroen, Fiat, Ford, Mazda, Mitsubishi, Nissan, Opel, Peugeot, Renault, Seat, Skoda, Volkswagen, Volvo	2.5 mm	26.2 mm	7 mm	10 pieces	Polybag
889 609	16	M7 x 1	Alfa Romeo, Citroen, Fiat, Ford, Mazda, Mitsubishi, Nissan, Peugeot, Renault, Toyota, Volvo	3 mm	28 mm	7 mm	10 pieces	Polybag
889 612	16	M7 x 1	Mazda, Mercedes-Benz, Mitsubishi, Nissan, Opel, Renault, Toyota	3.5 mm	33 mm	9 mm	10 pieces	Polybag
889 613	16	M8 x 1	Ford, Mazda	3 mm	32 mm	8 mm	10 pieces	Polybag
889 614	16	M8 x 1	Kia, Mazda, Mercedes- Benz, Opel, Saab, Vauxhall	3 mm	33 mm	9 mm	10 pieces	Polybag
889 615	16	M8 x 1	Mazda	3 mm	38 mm	8 mm	10 pieces	Polybag
889 603	16	M8 x 1.25	Alfa Romeo, Audi, BMW, Citroen, Fiat, Honda, Mercedes-Benz, Opel, Peugeot, Renault, Saab, Seat, Skoda, Volvo, Volkswagen	3.5 mm	32.5 mm	9 mm	10 pieces	Polybag
889 616	16	M8 x 1.25	Alfa Romeo, Citroen, Fiat, Ford, Honda, Kia, Lada, Lancia, Mercedes-Benz, Mit- subishi, Nissan, Opel, Peugeot, Renault, Saab, Seat, Talbot, Zastava	3.5 mm	24.5 mm	8 mm	10 pieces	Polybag
889 601	16	M8 x 1.25	Citroen, Daewoo, Ford, Honda, Mercedes-Benz, Opel, Renault (LKW), Saab, Skoda, Volvo	3 mm	35.5 mm	7 mm	10 pieces	Polybag

BRAKE LINES AND ACCESSORIES

Art. no.	Connecting thread	Suitable for vehicle manufacturer	Internal diameter	Nominal length	Width across flats	Contents	Packaging type
889 600 16	M8 x 1.25	Citroen, Fiat, Mercedes- Benz, Opel, Peugeot, Renault, Volvo	3 mm	41.5 mm	9 mm	10 pieces	Polybag
889 607 16	M10 x 1	Alfa Romeo, Audi, Cit- roen, Fiat, Ford, Honda, Hyundai, Iveco, Kia, Mazda, Mercedes-Benz, Mitsubishi, Nissan, Opel, Peugeot, Renault, Saab, Seat, Skoda, Toyota, Volkswagen, Volvo	3 mm	29.9 mm	11 mm	10 pieces	Polybag
889 605 16	M10 x 1	Audi, BMW, Citroen, Daewoo, Ford, Lancia, Mazda, Mercedes-Benz, Mitsubishi, Nissan, Opel, Peugeot, Seat, Skoda, Suzuki, Toyota, Volkswagen, Volvo	3 mm	36 mm	11 mm	10 pieces	Polybag
889 604 16	M10 x 1	BMW, Daewoo, Daihat- su, Ford, Honda, Hyun- dai, Mitsubishi, Nissan, Opel, Peugeot, Renault, Subaru, Suzuki, Toyota, Volkswagen	3 mm	34 mm	10 mm	10 pieces	Polybag
889 617 16	M10 x 1.25	Honda, Rover	3 mm	28 mm	10 mm	10 pieces	Polybag

DUST CAPS, BREATHER SCREW

Rubber

Suitable for all breather screws Resistant to brake fluid, ozone, silicone, oil and salt

The dust cap prevents dirt and water from entering the breather screw, thus protecting against corrosion.



Art. no.	Internal diameter	Outer diameter	Height	Contents	Packaging type
889 618 16	4.7 mm	13 mm	10 mm	10 pieces	Polybag

THREADED BOLTS PH, COUNTERSUNK HEAD, ZINC-PLATED, DIN 965

Steel, zinc-plated

M6 x 12 mm as brake disc screw VW/Audi, similar to 0E number N10648301





Full thread

Art. no.	Thread diameter	Length	Head diameter	Internal drive	Contents	Packaging type
039 6 12 25	M6	12 mm	11 mm	Н3	100 pieces	Вох



WORKSHOP ASSORTMENTS

Hose clamps, 8 types, 125 PCS



Hose clamp, width 7.5 mm, stainless steel W2

/ X I I MM	20 PCS	
8 x 12 mm	20 PCS	
10 x 16 mm	20 PCS	
Hose clamp, wi	idth 9 mm, stai	nless steel W2
12 x 22 mm	15 PCS	
16 x 27 mm	20 PCS	
20 x 32 mm	15 PCS	
30 x 45 mm	10 PCS	
32 x 50 mm	5 PCS	

Article no.: 957 082 1 75

One-ear clamps, 8 types, 160 PCS



One-ear clamp, stainless steel

6.3-7.5 mm	20 PCS
7-8.5 mm	20 PCS
8-9.5 mm	20 PCS
9.6-11.3 mm	20 PCS
9.8-11.8 mm	20 PCS
11.1-13.1 mm	20 PCS
11.8-13.8 mm	20 PCS
14.6-16.8 mm	20 PCS

Article no.: 957 541 75

AXLE BOOT CLAMPS AND HOSE CLAMPS

AXLE BOOT CLAMPS

A2 stainless steel

Clamp can be adjusted to several nominal diameters.

Effective and powerful all-round sealing.

Quick and easy to assemble with clamp ear.

Quick and easy to assemble with clamp ear.

Specially shaped belt edges to prevent damage to the boot.

For the assembly of axle boots.

We recommend the KNIPEX setting tool for cavity anchors for clamping the adjustable clamps.





Art. no.	Width	Min./max. diameter	Contents	Packaging type
503 725 050 55	7 mm	25-50 mm	10 pieces	Polybag
503 740 110 55	7 mm	40-110 mm	10 pieces	Polybag

AXLE BOOT CLAMPS, SET

A2 stainless steel

Clamp can be adjusted to several nominal diameters
Effective and powerful all-round sealing
Quick and easy to assemble with clamp ear
Specially shaped belt edges to prevent damage to the boot

Rost



For the assembly of axle boots.

We recommend the KNIPEX setting tool for cavity anchors for clamping the adjustable clamps.

Art. no.	Content of assortment	Contents	Packaging type
	2-part adjustable clamp package		
503 050 110 85	1x diameter 25–50 mm	2 pieces	Polybag
	1x diameter 40—110 mm		
	30-part adjustable clamp package		
503 050 110 75	10x diameter 25–50 mm	30 pieces	Polybag
	20x diameter 40–110 mm		

HOSE CLAMPS MINI, A2 STAINLESS STEEL/STEEL

A2 stainless steel/steel, zinc-plated

Drive: Slotted

 $For fastening \ and \ sealing \ of \ hoses.$



Art. no.	Width of band	Min./max. clamping range	Thickness of tape	Contents	Packaging type
541 7 11 80	5 mm	7-11 mm	0.4 mm	4 pieces	Blister pack
541 7 11 16	5 mm	7-11 mm	0.4 mm	25 pieces	Polybag
541 10 19 80	5 mm	10-19 mm	0.4 mm	4 pieces	Blister pack
541 10 19 16	5 mm	10-19 mm	0.4 mm	25 pieces	Polybag

AXLE BOOT CLAMPS AND HOSE CLAMPS

HOSE CLAMPS, A2 STAINLESS STEEL/STEEL

A2 stainless steel/steel, zinc-plated
Drive: Hexagon with recessed head
With worm gear threads in accordance with DIN 3017
Clamp cannot open by itself
High banded edges to prevent damage to the hose

For fastening and sealing of hoses.



Art. no.	Width of band	Min./max. clamping range	Thickness of tape	Tightening torque	Contents	Packaging type
539 110 16 80	7.5 mm	3/8–5/8 inch	0.6 mm	3 Nm	2 pieces	Blister pack
539 110 16 16	7.5 mm	3/8–5/8 inch	0.6 mm	3 Nm	25 pieces	Polybag
539 110 16 55	7.5 mm	3/8–5/8 inch	0.6 mm	3 Nm	100 pieces	Box
539 18 12 80	7.5 mm	5/16–1/2 inch	0.6 mm	2 Nm	2 pieces	Blister pack
539 18 12 16	7.5 mm	5/16–1/2 inch	0.6 mm	2 Nm	25 pieces	Polybag
539 18 12 55	7.5 mm	5/16–1/2 inch	0.6 mm	2 Nm	100 pieces	Box
539 030 45 16	9 mm	1-3/16—1-3/4 inch	0.7 mm	3 Nm	20 pieces	Polybag
539 030 45 55	9 mm	1-3/16—1-3/4 inch	0.7 mm	3 Nm	50 pieces	Box
539 012 20 80	9 mm	1/2–7/8 inch	0.7 mm	3 Nm	2 pieces	Blister pack
539 012 22 16	9 mm	1/2–7/8 inch	0.7 mm	3 Nm	25 pieces	Polybag
539 012 22 55	9 mm	1/2–7/8 inch	0.7 mm	3 Nm	100 pieces	Box
539 040 60 16	9 mm	1-5/8-2-3/8 inch	0.7 mm	3 Nm	15 pieces	Polybag
539 040 60 55	9 mm	1-5/8-2-3/8 inch	0.7 mm	3 Nm	25 pieces	Box
539 032 50 80	9 mm	1-3/8–2 inch	0.7 mm	3 Nm	2 pieces	Blister pack
539 032 50 16	9 mm	1-3/8–2 inch	0.7 mm	3 Nm	20 pieces	Polybag
539 032 50 55	9 mm	1-3/8–2 inch	0.7 mm	3 Nm	50 pieces	Box
539 025 40 80	9 mm	1–1-5/8 inch	0.7 mm	3 Nm	2 pieces	Blister pack
539 025 40 16	9 mm	1–1-5/8 inch	0.7 mm	3 Nm	25 pieces	Polybag
539 025 40 55	9 mm	1–1-5/8 inch	0.7 mm	3 Nm	50 pieces	Box
539 070 90 16	9 mm	2-3/4-3-1/2 inch	0.7 mm	3 Nm	15 pieces	Polybag
539 070 90 55	9 mm	2-3/4-3-1/2 inch	0.7 mm	3 Nm	25 pieces	Box
539 060 80 16	9 mm	2-3/8-3-1/8 inch	0.7 mm	3 Nm	15 pieces	Polybag
539 060 80 55	9 mm	2-3/8-3-1/8 inch	0.7 mm	3 Nm	25 pieces	Box
539 050 70 16	9 mm	2-2-3/4 in	0.7 mm	3 Nm	15 pieces	Polybag
539 050 70 55	9 mm	2-2-3/4 in	0.7 mm	3 Nm	25 pieces	Box
539 090 110 16	9 mm	3-1/2-4-3/8 inch	0.7 mm	3 Nm	10 pieces	Polybag
539 090 110 55	9 mm	3-1/2-4-3/8 inch	0.7 mm	3 Nm	25 pieces	Вох
539 023 35 16	9 mm	3/4–1-1/4 inch	0.7 mm	3 Nm	25 pieces	Polybag
539 023 35 55	9 mm	3/4–1-1/4 inch	0.7 mm	3 Nm	50 pieces	Box
539 080 100 16	9 mm	3-1/8-4 inch	0.7 mm	3 Nm	10 pieces	Polybag
539 080 100 55	9 mm	3-1/8-4 inch	0.7 mm	3 Nm	25 pieces	Box
539 100 120 16	9 mm	4-4-3/4 in	0.7 mm	3 Nm	10 pieces	Polybag
539 100 120 55	9 mm	4-4-3/4 in	0.7 mm	3 Nm	20 pieces	Box
539 016 25 80	9 mm	5/8–1-1/16 inch	0.7 mm	3 Nm	2 pieces	Blister pack
539 016 27 16	9 mm	5/8–1-1/16 inch	0.7 mm	3 Nm	25 pieces	Polybag
539 016 27 55	9 mm	5/8–1-1/16 inch	0.7 mm	3 Nm	100 pieces	Box
539 08 12 16	9 mm	5/16–1/2 inch	0.7 mm	2 Nm	25 pieces	Polybag
539 08 12 55	9 mm	5/16–1/2 inch	0.7 mm	2 Nm	100 pieces	Box

AXLE BOOT CLAMPS AND HOSE CLAMPS

CLAMPING JAWS TYPE S, W1

DIN 3017 Drive: Slotted

High degree of compression due to a clamping jaw tightening mechanism

Good sealing due to clean form closure

For fastening rubber and plastic hoses, rubber cuffs etc. with high, even pressure.



Art. no.	Width of band	Nominal diameter	Metal belt thickness	Contents	Packaging type
540 8 7 80	7 mm	8 mm	0.3 mm	3 pieces	Blister pack
540 8 7 55	7 mm	8 mm	0.3 mm	25 pieces	Вох
540 9 9 80	9 mm	9 mm	0.4 mm	3 pieces	Blister pack
540 9 9 55	9 mm	9 mm	0.4 mm	25 pieces	Вох
540 10 9 80	9 mm	10 mm	0.4 mm	3 pieces	Blister pack
540 10 9 55	9 mm	10 mm	0.4 mm	25 pieces	Box
540 11 9 80	9 mm	11 mm	0.4 mm	3 pieces	Blister pack
540 11 9 55	9 mm	11 mm	0.4 mm	25 pieces	Box
540 12 9 80	9 mm	12 mm	0.4 mm	3 pieces	Blister pack
540 12 9 55	9 mm	12 mm	0.4 mm	25 pieces	Box
540 13 9 80	9 mm	13 mm	0.4 mm	3 pieces	Blister pack
540 13 9 55	9 mm	13 mm	0.4 mm	25 pieces	Box
540 14 9 80	9 mm	14 mm	0.4 mm	3 pieces	Blister pack
540 14 9 55	9 mm	14 mm	0.4 mm	25 pieces	Вох
540 15 9 80	9 mm	15 mm	0.4 mm	3 pieces	Blister pack
540 15 9 55	9 mm	15 mm	0.4 mm	25 pieces	Вох
540 16 9 80	9 mm	16 mm	0.4 mm	3 pieces	Blister pack
540 16 9 55	9 mm	16 mm	0.4 mm	25 pieces	Вох

1-EAR CLAMP, A2 STAINLESS STEEL

A2 stainless steel

Cr6-free

With stainless steel insert ring

Specially shaped belt edges to prevent damage to the part being clamped

With insert ring for bridging the ear gap (all-round sealing)

Quick, easy and safe assembly





Art. no.	Width	Min./max. diameter	Contents	Packaging type
541 080 80	4 mm	6.3-7.5 mm	3 pieces	Blister pack
541 180 16	4 mm	6.3-7.5 mm	25 pieces	Polybag
541 090 80	5 mm	7-8.5 mm	3 pieces	Blister pack
541 190 16	5 mm	7-8.5 mm	25 pieces	Polybag
541 100 80	5 mm	8-9.5 mm	3 pieces	Blister pack
541 100 0 16	5 mm	8-9.5 mm	25 pieces	Polybag
541 123 80	6.5 mm	9.8-11.8 mm	3 pieces	Blister pack
541 123 0 16	6.5 mm	9.8-11.8 mm	25 pieces	Polybag
541 138 80	6.5 mm	11.1-13.1 mm	3 pieces	Blister pack
541 138 0 16	6.5 mm	11.1-13.1 mm	25 pieces	Polybag
541 145 80	6.5 mm	11.8-13.8 mm	3 pieces	Blister pack

AXLE BOOT CLAMPS AND HOSE CLAMPS

Art. no.	Width	Min./max. diameter	Contents	Packaging type
541 145 0 16	6.5 mm	11.8-13.8 mm	25 pieces	Polybag
541 175 80	7 mm	14.6-16.8 mm	3 pieces	Blister pack
541 175 0 16	7 mm	14.6-16.8 mm	25 pieces	Polybag

1-EAR CLAMPS VW, A2 STAINLESS STEEL

A2 stainless steel

Cr6-free

With stainless steel insert ring

Specially shaped belt edges to prevent damage to the part being clamped

With insert ring for bridging the ear gap (all-round sealing)

Quick, easy and safe assembly





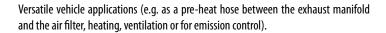
Art. no.	Width	Min./max. diameter	Contents	Packaging type
541 113 80	5.5 mm	9.6-11.3 mm	3 pieces	Blister pack
541 113 0 16	5.5 mm	9.6-11.3 mm	25 pieces	Polybag

HOSES

ALUMINIUM AIR HOSE – HOSE

Aluminium

Individually adjustable and shapeable High temperature resistance (permanent)





Art. no.		Nominal diameter	Min. length	Max. length	Contents	Packaging type
890 38	75	38 mm	34 mm	1000 mm	1 piece	Вох
890 40	75	40 mm	34 mm	1000 mm	1 piece	Вох
890 45	75	45 mm	34 mm	1000 mm	1 piece	Вох
890 50	75	50 mm	34 mm	1000 mm	1 piece	Вох
890 55	75	55 mm	34 mm	1000 mm	1 piece	Вох
890 60	75	60 mm	34 mm	1000 mm	1 piece	Box

ALUMINIUM AIR HOSE – WALL BRACKET

Aluminium

6x, equipped with 12 aluminium air hoses With six hooks Dimensions (H x W x D): 152 x 513 x 280 mm

Pre-heat hose.



Art. no.	Content of assortment	Contents	Packaging type
890 101 75	Two 1 m pieces each: Diameter 38/40/45/50/55/60 mm Wall bracket, white aluminium RAL 9006	1 assortment	unpackaged
	Dimensions of wall bracket (H x W x D): 152 x 513 x 280 mm		, ,

WALL BRACKET ALUMINIUM AIR HOSE



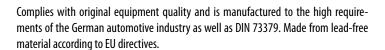
Art. no.	Content of assortment	Contents	Packaging type
	Wall bracket, 6-compartment		
890 100 75	Wall bracket, white aluminium RAL 9006	1 piece	unpackaged
	Dimensions (H x W x D): 152 x 513 x 280 mm		

FUEL HOSES, YARN BRAID, TYPE B

NBR (nitrile butadiene rubber)

Type B
E10-resistant (not suitable for biodiesel!)
Made from synthetic NBR rubber
With vulcanised yarn braid
Operating pressure: 10 bar
Burst pressure: 30 bar

Continuous temperature: up to 80°C. Maximum temperature: 90°C





Art. no.	Internal diameter	Nominal diameter	Material thickness	Length	Max. temperature	Contents	Packaging type
895 132 85	3.2 mm	7 mm	1.9 mm	1 m	90 ℃	1 piece	Polybag
895 132 5 75	3.2 mm	7 mm	1.9 mm	5 m	90 ℃	5 metres	Coil
895 132 75	3.2 mm	7 mm	1.9 mm	15 m	90 °C	15 metres	Coil
895 132 45	3.2 mm	7 mm	1.9 mm	20 m	90 ℃	20 metres	Collar
895 02 85	3.5 mm	7.5 mm	2 mm	1 m	90 ℃	1 piece	Polybag
895 02 75	3.5 mm	7.5 mm	2 mm	15 m	90 ℃	15 metres	Coil
895 02 45	3.5 mm	7.5 mm	2 mm	20 m	90 ℃	20 metres	Collar
895 145 75	4.5 mm	9.5 mm	2.5 mm	15 m	90 ℃	15 metres	Coil
895 041 0 75	5 mm	10 mm	2.5 mm	15 m	90 ℃	15 metres	Coil
895 04 85	5.5 mm	10.5 mm	2.5 mm	1 m	90 °C	1 piece	Polybag
895 04 75	5.5 mm	10.5 mm	2.5 mm	15 m	90 ℃	15 metres	Coil
895 04 45	5.5 mm	10.5 mm	2.5 mm	20 m	90 ℃	20 metres	Collar
895 06 85	7.5 mm	12.5 mm	2.5 mm	1 m	90 ℃	1 piece	Polybag
895 06 75	7.5 mm	12.5 mm	2.5 mm	15 m	90 ℃	15 metres	Coil
895 06 45	7.5 mm	12.5 mm	2.5 mm	20 m	90 ℃	20 metres	Collar
895 190 75	9 mm	14 mm	2.5 mm	10 m	90 ℃	10 metres	Coil
895 095 15 75	9.5 mm	15 mm	2.75 mm	10 m	90 °C	10 metres	Coil
895 095 15 45	9.5 mm	15 mm	2.75 mm	20 m	90 ℃	20 metres	Collar
895 011 17 75	11 mm	17 mm	3 mm	10 m	90 ℃	10 metres	Coil

FUEL HOSES, YARN BRAID, TYPE B FOR BIODIESEL

NBR/yarn braid
Type ECO-B
Biodiesel resistant
Black with yellow interruption line
Operating pressure: 10 bar

Burst pressure: 30 bar

Temperature-resistant: -40°C to +150°C

BLO



Complies with original equipment quality and is manufactured to the high requirements of the German automotive industry as well as DIN 73379. Made from lead-free material according to EU directives.

Art. no.	Internal diameter	Nominal diameter	Material thickness	Length	Min./max. tempera- ture resistance	Contents	Packaging type
895 335 75 75	3.5 mm	7.5 mm	2 mm	15 m	-40 to 150 °C	15 metres	Coil

FUEL HOSES, UPPER RUBBER, TYPE A1

Upper rubber

Type DIN A1 (replaces 2A)
E10-resistant (not suitable for biodiesel!)
NBR core, CO/CV insert, CR outer layer
Operating pressure: 10 bar

Operating pressure: 10 bar Burst pressure: 30 bar

Temperature-resistant: -35°C to +110°C





Complies with original equipment quality and is manufactured to the high requirements of the German automotive industry as well as DIN 73379.

Art. no.	Internal diameter	Nominal diameter	Material thickness	Length	Min./max. tempera- ture resistance	Contents	Packaging type
895 230 30 75	3.2 mm	9.2 mm	3 mm	15 m	-35 to 110 ℃	15 metres	Coil
895 240 30 75	4 mm	10 mm	3 mm	15 m	-35 to 110 ℃	15 metres	Coil
895 250 30 75	5 mm	11 mm	3 mm	15 m	-35 to 110 ℃	15 metres	Coil
895 255 31 85	5.5 mm	11.5 mm	3 mm	1 m	-35 to 110 °C	1 piece	Polybag
895 255 35 75	5.5 mm	11.5 mm	3 mm	5 m	-35 to 110 °C	5 metres	Coil
895 255 30 75	5.5 mm	11.5 mm	3 mm	15 m	-35 to 110 °C	15 metres	Coil
895 270 30 75	7 mm	13 mm	3 mm	10 m	-35 to 110 °C	10 metres	Coil
895 275 31 85	7.5 mm	13 mm	3 mm	1 m	-35 to 110 °C	1 piece	Polybag
895 275 35 75	7.5 mm	13 mm	3 mm	5 m	-35 to 110 °C	5 metres	Coil
895 275 30 75	7.5 mm	13 mm	3 mm	10 m	-35 to 110 °C	10 metres	Coil
895 290 30 85	9 mm	15 mm	3 mm	1 m	-35 to 110 °C	1 piece	Polybag
895 290 35 75	9 mm	15 mm	3 mm	5 m	-35 to 110 °C	5 metres	Coil
895 290 30 75	9 mm	15 mm	3 mm	10 m	-35 to 110 °C	10 metres	Coil
895 212 35 75	12 mm	19 mm	3.5 mm	5 m	-35 to 110 °C	5 metres	Coil

FUEL HOSES, UPPER RUBBER, TYPE A1 WITH CLAMPS

Upper rubber

Type DIN A1 (replaces 2A)
E10-resistant (not suitable for biodiesel!)
NBR core, CO/CV insert, CR outer layer
Operating pressure: 10 bar

Operating pressure: 10 bar Burst pressure: 30 bar

Temperature-resistant: -35°C to +110°C





Complies with original equipment quality and is manufactured to the high requirements of the German automotive industry as well as DIN 73379.

Art. no.	Internal diameter	Nominal diameter	Material thickness	Length	Min./max. tempera- ture resistance	Contents	Packaging type
895 255 30 85	5.5 mm	11.5 mm	3 mm	0.5 m	-35 to 110 ℃	1 piece	Polybag
895 275 30 85	7.5 mm	13 mm	3 mm	0.5 m	-35 to 110 ℃	1 piece	Polybag

HOSES

VACUUM HOUSES, TYPE ECO-C

ECO rubber

Type ECO-C (replaces type C)
E10-resistant (not suitable for biodiesel!)
Black with yellow marking line
Depressurised
Good resistance to fuels, oil and ozone
Temperature range: -40°C to +150°C





Complies with original equipment quality and is manufactured to the high requirements of the German automotive industry as well as DIN 73379.

Art. no.	Internal diameter	Nominal diameter	Material thickness	Length	Min./max. tempera- ture resistance	Contents	Packaging type
895 425 60 85	2.5 mm	6 mm	1.75 mm	15 m	-40 to 150 °C	1 piece	Polybag
895 425 60 75	2.5 mm	6 mm	1.75 mm	15 m	-40 to 150 °C	15 metres	Coil
895 433 68 85	3.3 mm	6.8 mm	1.75 mm	15 m	-40 to 150 °C	1 piece	Polybag
895 433 68 75	3.3 mm	6.8 mm	1.75 mm	15 m	-40 to 150 °C	15 metres	Coil
895 435 85 75	3.5 mm	8 mm	1.75 mm	5 m	-40 to 150 °C	5 metres	Coil
895 435 80 85	3.5 mm	8 mm	1.75 mm	15 m	-40 to 150 °C	1 piece	Polybag
895 435 80 75	3.5 mm	8 mm	1.75 mm	15 m	-40 to 150 °C	15 metres	Coil
895 437 80 75	3.7 mm	8 mm	1.75 mm	15 m	-40 to 150 °C	15 metres	Coil
895 445 90 75	4.5 mm	9 mm	1.75 mm	15 m	-40 to 150 °C	15 metres	Coil
895 450 100 75	5 mm	10 mm	1.75 mm	15 m	-40 to 150 °C	15 metres	Coil

TWO-WHEELER PLASTIC HOSES

PVC – polyvinyl chloride

Suitable for two- and four-stroke engines Colour transparent Bendable and resistant Temperature range -40 °C to +70 °C Shore hardness A 80° \pm 5° (DIN 53505) Tear resistance min. 12.5 N/mm²

Min. breaking elongation: 250%

Suitable for two-wheelers.

Resistant to: mineral oils, greases, petrol, diesel, ethanol, E10, biofuels, ozone.





Art. no.	Internal diameter	Outer diameter	Material thickness	Length	Min./max. tempera- ture resistance	Contents	Packaging type
895 50 12 85	5 mm	7.4 mm	1.2 mm	1 m	-25 to 70 °C	1 piece	Polybag
895 50 12 75	5 mm	7.4 mm	1.2 mm	15 m	-25 to 70 °C	15 metres	Coil
895 60 12 85	6 mm	8.4 mm	1.2 mm	1 m	-25 to 70 °C	1 piece	Polybag
895 60 12 75	6 mm	8.4 mm	1.2 mm	15 m	-25 to 70 °C	15 metres	Coil

PVC HOSES, TRANSPARENT

PVC – polyvinyl chloride

Operating pressure: max. 3 bar

Temperature-resistant from -20°C to +65°C

For windscreen washer system, ventilation and vent overflow. Not suitable for fuel delivery!





Art. no.	Internal diameter	Nominal diameter	Material thickness	Length	Min./max. tempera- ture resistance	Contents	Packaging type
895 4 1 85	4 mm	6 mm	1 mm	1 m	-20 to 65 °C	1 piece	Polybag
895 4 15 75	4 mm	6 mm	1 mm	5 m	-20 to 65 °C	5 metres	Coil
895 4 1 75	4 mm	6 mm	1 mm	15 m	-20 to 65 °C	15 metres	Coil
895 4 1 45	4 mm	6 mm	1 mm	25 m	-20 to 65 °C	25 metres	Collar
895 5 12 85	5 mm	7.4 mm	1.2 mm	1 m	-20 to 65 °C	1 metres	Polybag
895 5 12 75	5 mm	7.4 mm	1.2 mm	15 m	-20 to 65 °C	15 metres	Coil
895 5 12 45	5 mm	7.4 mm	1.2 mm	25 m	-20 to 65 °C	25 metres	Collar
895 6 12 85	6 mm	8.4 mm	1.2 mm	1 m	-20 to 65 °C	1 metres	Polybag
895 6 12 75	6 mm	8.4 mm	1.2 mm	15 m	-20 to 65 °C	15 metres	Coil
895 6 12 45	6 mm	8.4 mm	1.2 mm	25 m	-20 to 65 °C	25 metres	Collar
895 8 15 75	8 mm	11 mm	1.5 mm	15 m	-20 to 65 °C	15 metres	Coil
895 8 15 45	8 mm	11 mm	1.5 mm	25 m	-20 to 65 °C	25 metres	Collar
895 10 2 75	10 mm	14 mm	2 mm	15 m	-20 to 65 °C	15 metres	Coil

FUEL HOSE WINDER UNITS, EQUIPPED

With measurement unit and scissors

Colour: RAL 9006 For six rolls

Dimensions (H x W x D): 570 x 513 x 215 mm





Art. no.	Content of assortment	Contents	Packaging type
	Fuel hose winder unit, 6-compartment, equipped for passenger cars		
	• 1 x 5 m coil, fuel hose, yarn braid - 3.2 x 7.0 mm		
	• 1 x 5 m coil, upper rubber hose DIN 2A – 5.5 x 3.0 mm		
895 100 006 75	• 1 x 5 m coil, upper rubber hose DIN 2A – 7.5 x 3.0 mm	1 assortment	unpackaged
	• 1 x 5 m coil, upper rubber hose DIN 2A – 9.0 x 3.0 mm		
	• 1 x 5 m coil, vacuum hose ECO-C — 3.5 x 8.0 mm		
	• 1 x 5 m coil, PVC hose, transparent – 4.0 x 6.0 mm		
	Fuel hose winder unit, 6-compartment, equipped for two-wheelers		
	• 1 x 5 m coil, fuel hose, yarn braid - 3.2 x 7.0 mm		
	• 1 x 5 m coil, upper rubber hose DIN 2A – 5.5 x 3.0 mm		
895 100 106 75	• 1 x 5 m coil, upper rubber hose DIN 2A – 7.5 x 3.0 mm	1 assortment	unpackaged
	• 1 x 5 m coil, upper rubber hose DIN 2A – 9.0 x 3.0 mm		
	• 1 x 15 m coil, fuel hose, transparent (petrol-resistant) 5.0 x 7.4 mm		
	• 1 x 15 m coil, fuel hose, transparent (petrol-resistant) 6.0 x 8.4 mm		

FUEL HOSES, WINDING DEVICES

With measurement unit and scissors Colour: RAL 9006 For six rolls Dimensions (H x W x D): 570 x 513 x 215 mm



Art. no.	Content of assortment	Contents	Packaging type
895 101 6 75	For six rolls Dimensions (H x W x D): 570 x 513 x 215 mm	1 piece	unpackaged

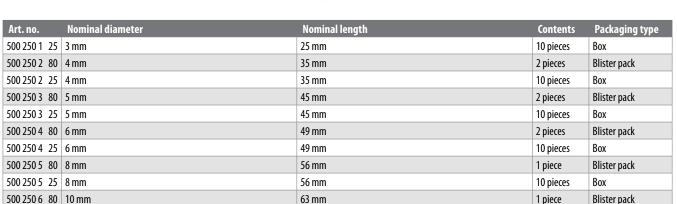
HOSE CONNECTOR

HOSE CONNECTOR, STRAIGHT CONNECTOR

Plastic

Resistant to E10 and biodiesel, fuels and lubricants, as well as acetone and brake fluid.





HOSE CONNECTOR, STRAIGHT REDUCING CON.

Plastic

500 250 6 25 10 mm

Resistant to E10 and biodiesel, fuels and lubricants, as well as acetone and brake fluid.



63 mm



Art. no.	Contents	Packaging type
500 250 11 80	1 piece	Blister pack
500 250 12 80	1 piece	Blister pack
500 250 10 25	10 pieces	Вох
500 250 11 25	10 pieces	Вох
500 250 12 25	10 pieces	Вох
500 250 13 25	10 pieces	Вох

HOSE CONNECTOR T-REDUCING CONNECTOR

Plastic

Resistant to E10 and biodiesel, fuels and lubricants, as well as acetone and brake fluid.





10 pieces

Box

Art. no.	Nominal diameter	Outer diameter	Height	Contents	Packaging type
500 250 18 25	3 mm	4 mm	17.5 mm	10 pieces	Вох
500 250 19 80	4 mm	6 mm	24 mm	2 pieces	Blister pack
500 250 19 25	4 mm	6 mm	24 mm	10 pieces	Вох

HOSE CONNECTOR

HOSE CONNECTOR, T-CONNECTOR

Plastic

Resistant to E10 and biodiesel, fuels and lubricants, as well as acetone and brake fluid.





Art. no.	Diameter	Length	Height	Contents	Packaging type
500 250 28 25	3 mm	25 mm	12.5 mm	10 pieces	Box
500 250 29 80	4 mm	35 mm	19.5 mm	2 pieces	Blister pack
500 250 29 25	4 mm	35 mm	19.5 mm	10 pieces	Box
500 250 30 80	5 mm	42 mm	22 mm	2 pieces	Blister pack
500 250 30 25	5 mm	42 mm	22 mm	10 pieces	Box
500 250 31 80	6 mm	50 mm	26 mm	2 pieces	Blister pack
500 250 31 25	6 mm	50 mm	26 mm	10 pieces	Box
500 250 33 80	8 mm	58 mm	30 mm	1 piece	Blister pack
500 250 33 25	8 mm	58 mm	30 mm	10 pieces	Вох
500 250 34 25	10 mm	62.5 mm	33.5 mm	10 pieces	Вох

HOSE CONNECTOR, Y-CONNECTOR

Plastic

Resistant to E10 and biodiesel, fuels and lubricants, as well as acetone and brake fluid.





Art. no.	Diameter	Height	Contents	Packaging type
500 250 48 25	4 mm	25.5 mm	10 pieces	Box
500 250 49 25	5 mm	43 mm	10 pieces	Box
500 250 50 25	6 mm	44 mm	10 pieces	Вох

HOSE CONNECTOR, Y-REDUCING CONNECTOR

Plastic

Resistant to E10 and biodiesel, fuels and lubricants, as well as acetone and brake fluid.





Art. no.	Nominal diameter	Outer diameter	Height	Contents	Packaging type
500 250 56 25	4 mm	6 mm	35 mm	10 pieces	Box

ADHESIVE TAPES

DECORATIVE TRIM ADHESIVE TAPE, DOUBLE-SIDED

Conforms to automotive industry specifications High final strength

Resistant to temperature, ageing, UV and weather

Vibration-dampening

High-strength, double-sided assembly adhesive tape for fastening trim strips, lettering, trims and brackets to the vehicle.

The suitability of the adhesive tapes should be checked by the user in preliminary tests.



Art. no.	Width	Length	Material thickness	Colour	Contents	Packaging type
985 010 12 75	12 mm	10000 mm	1 mm	Black	1 piece	foil-welded
985 010 19 75	19 mm	10000 mm	1 mm	Black	1 piece	foil-welded

REPAIR TAPES, SELF-FUSING

Can be fused immediately

Insulating

Water-resistant

Tear resistance: 10 N/cm

Specific resistance: 15,000 G0hm per metre

Suitable for repairing coolers, petrol and engine hoses, as well as for insulating ignition cables, electrical cables and connectors.

The suitability of the adhesive tapes should be checked by the user in preliminary tests.



Art. no.	Width	Length	Strength	Colour	Contents	Packaging type
985 077 2 75	19 mm	5 m	0.5 mm	Black	1 piece	foil-welded

REPAIR TAPES, SELF-FUSING, SET

Can be fused immediately

Insulating

Water-resistant

Tear resistance: 10 N/cm

Specific resistance: 15,000 G0hm per metre

Suitable for repairing coolers, petrol and engine hoses, as well as for insulating ignition cables, electrical cables and connectors.



Art. no.	Content of assortment	Contents	Packaging type
985 104 75	Counter display unit, equipped with 18 rolls of repair tape. Width: 19 mm, length: 5 m	1 piece	Вох

ADHESIVE TAPES

INSULATING TAPES

Ozone-resistant
Resistant to ageing, temperature and weather

Abrasion-resistant
Tear resistance: 20 N/cm

Electrical installation and repair tape made of PVC, VDE-tested according to DIN EN 60454-3-1.

For standard insulation work in electrical applications.

Can also be universally used for repairs, for colour-coded markings and bundling.

The suitability of the adhesive tapes should be checked by the user in preliminary tests.



Art. no.	Width	Length	Strength	Colour	Elongation at tear	Contents	Packaging type
985 2 11 75	15 mm	10 m	0.15 mm	Blue	180%	1 piece	foil-welded
985 1 11 75	15 mm	10 m	0.15 mm	Red	180%	1 piece	foil-welded
985 6 11 75	15 mm	10 m	0.15 mm	Black	180%	1 piece	foil-welded
985 30 11 75	30 mm	25 m	0.15 mm	Black	125 %	1 piece	foil-welded

COUNTER DISPLAY INSULATING TAPES

40 rolls of 10 m Assorted colours

Self-extinguishing

Electrical installation and repair tape made of PVC, VDE-tested according to DIN EN 60454-3-1.

For standard insulation work in electrical applications.

Can also be universally used for repairs, for colour-coded markings and bundling.



Art. no.	Content of assortment	Contents	Packaging type
985 100 75	Counter display unit, equipped with 40 roles of insulating tape. Width: 15 mm, length: 10 m 20 x black 5 x blue 5 x yellow 5 x red 5 x green	1 assortment	foil-welded

ADHESIVE TAPES

STORAGE BOXES, INSULATING TAPES

Self-extinguishing

Complies with VDE, ÖVE and SEV according to type test IEC 60454-3-1-10/F-PVCp/105

For standard insulation work in electrical applications.

Can also be universally used for repairs, for colour-coded markings and bundling.

The suitability of the adhesive tapes should be checked by the user in preliminary tests.



Art. no.	Content of assortment	Contents	Packaging type
985 102 75	Storage box, equipped with 50 rolls of insulating tape. Width: 15 mm, length: 10 m 50 x black	1 assortment	foil-welded

LINEN INSULATING TAPES

Highly adhesive

Air-permeable carrier material

Abrasion-resistant

Temperature range: -15°C to +70°C

For bundling and lasting protection of cables.

The suitability of the adhesive tapes should be checked by the user in preliminary tests.



Art. no.	Width	Length	Strength	Colour	Contents	Packaging type
985 12 11 75	15 mm	10 m	0.3 mm	Black	1 piece	foil-welded

THREAD SEALING TAPES

Polytetrafluoroethylene

For fine thread DN10 according to DIN EN 751-3

Oil-resistant

Temperature range (for hot water): -20° C to $+125^{\circ}$ C

DVGW-approved

Used to seal thread connections.



Art. no.	Width	Length	Colour	Contents	Packaging type
985 500 11 75	12 mm	12 m	White	1 piece	foil-welded

ADHESIVE TAPES

FABRIC ADHESIVE TAPES

Indoor and outdoor applications Moisture-resistant

For sealing openings, packaging and bundling, as well as for fixing and repairing lines, tubes and hoses.

The suitability of the adhesive tapes should be checked by the user in preliminary tests.



Art. no.	Width	Length	Strength	Colour	Contents	Packaging type
985 63 11 75	19 mm	10 m	0.28 mm	Red	1 piece	foil-welded
985 60 11 75	19 mm	10 m	0.28 mm	Black	1 piece	foil-welded

ARMOURED FABRIC TAPES, BLACK

PET fabric 200 µm (PE coated)
Excellent adhesive and general strength
Easy to tear by hand.
Heat-resistant up to +60°C

For sealing, packing, splicing, repair and fixing.

The suitability of the adhesive tapes should be checked by the user in preliminary tests.



Art. no.	Width	Length	Adhesive force (per unit of length)	Contents	Packaging type
985 700 5 75	50 mm	5 m	4 N/cm	1 piece	foil-welded
985 700 25 75	50 mm	25 m	4 N/cm	1 piece	foil-welded
985 700 75	50 mm	50 m	4 N/cm	1 piece	foil-welded

ARMOURED FABRIC TAPES, SILVER

PET fabric 200 µm (PE coated)
Excellent adhesive and general strength
Easy to tear by hand.
Heat-resistant up to +60°C

For sealing, packing, splicing, repair and fixing.



Art. no.	Adhesive force (per unit of length)	Width	Length	Contents	Packaging type
985 701 25 75	4 N/cm	50 mm	25 m	1 piece	foil-welded
985 701 50 75	4 N/cm	50 mm	50 m	1 piece	foil-welded

ADHESIVE TAPES

COUNTER DISPLAY UNIT FOR ARMOURED FABRIC TAPE

PET fabric 200 µm (PE coated)
Excellent adhesive and general strength
Easy to tear by hand.
Heat-resistant up to +60°C

For sealing, packing, splicing, repair and fixing.

The suitability of the adhesive tapes should be checked by the user in preliminary tests.



Art. no.	Content of assortment	Contents	Packaging type
985 103 75	Counter display unit, equipped with 12 rolls of black armoured fabric tape. Width: 50 mm, length: 5 m	1 piece	Вох

HOOK-AND-LOOP TAPES, SELF-ADHESIVE WITH HOOKS

Adhesive strength: 300 N/cm2 Temperature range: -30°C to +150°C

The hook and eyelet tape is always required for a connection

For mounting components, trims etc.

Suitable for frequent opening and closing while maintaining high adhesive force.

The suitability of the adhesive tapes should be checked by the user in preliminary tests.



Art. no.	Width	Length	Colour	Contents	Packaging type
985 894 811 75	20 mm	10 m	Black	10 pieces	foil-welded

HOOK-AND-LOOP TAPES, SELF-ADHESIVE WITH EYELETS

Adhesive strength: 300 N/cm2 Temperature range: -30°C to +150°C

The hook and eyelet tape is always required for a connection

For mounting components, trims etc.

Suitable for frequent opening and closing while maintaining high adhesive force.



Art. no.	Width	Length	Colour	Contents	Packaging type
985 894 821 75	20 mm	10 m	Black	10 pieces	foil-welded

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