

Repair Material

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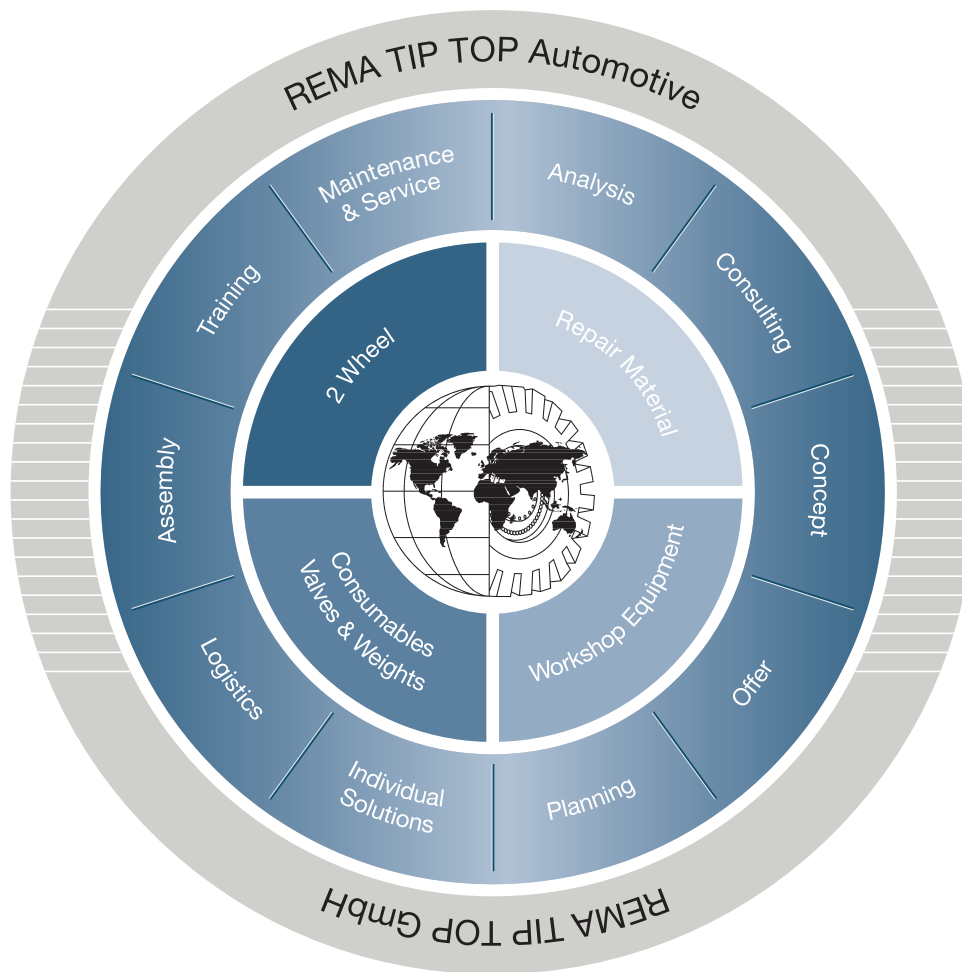
OTR EM – Tyre Repair Specialists

2007/2008





SERVICECYCLE IMPRINT



ONE BRAND - ONE SOURCE - ONE SYSTEM

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All relevant product information can be found in the respective documents, including operating instructions, technical datasheets as well as conditions for storage and application.

The specified qualities of our products are based on information from the accompanying inspections for approval. They represent statistical product data and are not to be considered as guaranteed properties of an individual product.

In order to preserve product properties, the storage conditions indicated in DIN 7716 should be followed (including storing the product in the original package and in an area that is dry, cool and dark).



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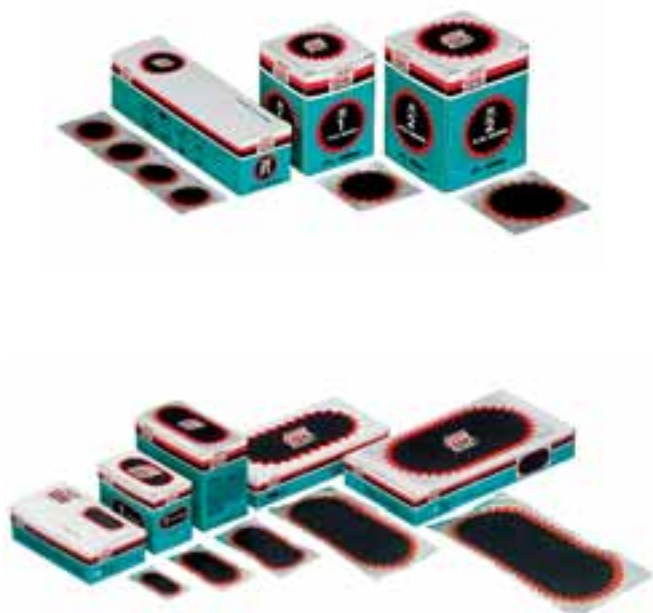
H



Tube patches



A



Tube patches, red edge

Tube patches for the repair of tubes. REMA TIP TOP tube patches with double-scalloped edge ensure perfect bonding and 100% vulcanization. Due to the stepped multi-layer structure of their main bodies, they stretch evenly in all directions when the tube is inflated. Furthermore they leave no edges on the repair area.

Ref. No.	Designation Red edge	Size [mm]	Content	Qty
500 0012	Tube patches F 0	Ø 16	100	5
500 0029	Tube patches F 1	Ø 25	100	5
500 0191	Tube patches F 2	50 x 25	100	6
500 0036	Tube patches No. 0	Ø 30	100	6
500 0043	Tube patches No. 1	Ø 35	30	6
500 0050	Tube patches No. 2	Ø 45	30	6
500 0067	Tube patches No. 3	Ø 54	30	6
500 0081	Tube patches No. 4	Ø 75	30	3
500 0108	Tube patches No. 5	Ø 94	10	1
500 0122	Tube patches No. 6	Ø 116	10	1
500 0201	Tube patches No. 7	74 x 37	30	6
500 0225	Tube patches No. 7A	90 x 45	30	3
500 0263	Tube patches No. 7B	150 x 75	10	1
500 0304	Tube patches No. 7C	188 x 94	10	1



Tube repair kits



507 9706

Workshop kits, tube

Ref. No.	Designation	Qty		Ref. No.	Designation	Qty	
507 0602	Workshop kit TT 40 Scope of delivery:	1	•	507 9706	Workshop kit TT 42 Scope of delivery:	1	•
	• 70 patches size 1				• 30 patches F 2		
	• 50 patches size 2				• 100 patches size 1		
	• 40 patches size 3				• 40 patches size 2		
	• 10 patches size 4				• 20 patches size 3		
	• 30 patches size 7				• 50 patches size 7		
	• 20 patches size 7A				• 1 can of SVS solution (175 g)		
	• 5 patches size 7B				• 2 rasps		
	• 1 can of SVS solution (175 g)				• 1 rasp handle		
	• 2 rasps				• 1 stitcher		
	• 1 rasp handle				• 1 can of LIQUID BUFFER (250 ml)		
	• 1 stitcher				• 1 instruction		
	• 3 rubber-based valves						
	• 1 instruction						



Valves

Rubber spuds (hot vulcanization)

Note: Before doing repairs with valve patches and rubber base valves **always** buff the tube mechanically!

Ref. No.	Designation	TR No.	Alligator No.	Content	
562 9792	EM-rubber base, with check valves	SP4000	32.9529	10	•



562 9792

Valve cores

Ref. No.	Designation
562 0069	Valve core, long
562 0083	Valve core, short



562 0069



562 0083

A

Metal valves, complete

Ref. No.	Designation	Rim hole [mm]	Length [mm]	Bending angle [°]	TR No.	ETRTO No.
562 9709	Metal valve	20.5	41		J 670-03	V5-03-1
562 9606	Metal valve	20.5	64	80	J 653-03	
562 9613	Metal valve	20.5	80	60	J 654-03	
562 9620	Metal valve	20.5	80	74	J 655-03	
562 9637	Metal valve	20.5	80	80	J 650-03	V5-04-1
562 9644	Metal valve	20.5	119	90	J 651-03	V5-04-2
562 9651	Metal valve	20.5	140	86	J 652-03	



562 9709



562 9606 - 562 9651

Metal valves (valve base, valve top)

Ref. No.	Designation	Rim hole [mm]	Length [mm]	Bending angle [°]	TR No.	ETRTO No.
562 9699	Valve base	20.5			SP 2	
562 3073	Valve top	20.5	41		J 670-02	V5-03-1
562 9668	Valve top	20.5	64	80	J 653-02	
562 9675	Valve top	20.5	80	80	J 650-02	V5-04-1
562 9682	Valve top	20.5	80	90	J 654-02	
562 9747	Valve top	20.5	64	90	J 4000-21/2	
562 9761	Valve top	20.5	191	90	J 4000-71/2	



562 9699



562 3073



562 9668 - 562 9682



562 9747, 562 9761

Valve extensions, flexible, EM

Ref. No.	Designation	Length [mm]
562 9503	Valve extension	275
562 9510	Valve extension	320
562 9527	Valve extension	360
562 9541	Valve extension	555
562 9558	Valve extension	615



562 9503 - 562 9558



562 0375



562 0124



562 0368

Valve caps, metal

Ref. No. Designation

562 0375 Adapter AD-1

562 0124 Valve cap, with core remover

562 0368 Reducing cap

Valve accessories

For the repair of damaged valve threads

Ref. No.	Designation	Tube size [mm]	Measuring range [bar]	Length, infla- tion hose [m]	
562 8023	Valve repair tool, 4-piece Application: • External thread VG8/VG12 • Internal thread VG5 • Standard valve core mounting/removal tool				
562 8030	Valve repair tool, 4-piece Application: • External thread VG8/VG12 • Internal thread VG5 • Core removal tool				
562 8061	Valve repair tool, 4-piece Application: • External thread VG12 • Internal thread VG5/VG8 • EM valve core mounting/removal tool				
562 5291	Spare snap connector	8.0 x 20			
562 5088	Snap connector	8.0 x 20			
562 8092	Valve core screwdriver standard VG5/VG8 Plastic grip, nickel-plated metal parts				•
562 8119	Valve core screwdriver VG5/VG8 Plastic grip, burnished metal parts, with sockets for valve cores/caps				•
562 8133	Socket VG8				•
562 8384	LOCK TOOL VG8, EM				•
519 1930	EURODAINU hand airline gauge CEE		0 - 12	1.5	



EURODAINU CEE hand airline gauge, Art. No. 519 1930



562 8023



562 8030



562 8061



562 5291



562 5088



562 8092



562 8119



562 8133



562 8384



Chemical cleaning



LIQUID BUFFER

LIQUID BUFFER (free of CFC and aromatic compounds).
For quick and easy cleaning and buffing of tubes.
For chemical cleaning before mechanical buffing.

Ref. No.	Designation	Content	Qty
505 9685	LIQUID BUFFER	250 ml tin	25
505 9702	LIQUID BUFFER	1000 ml can	10
505 9719	LIQUID BUFFER	5 l can	1
505 9692	LIQUID BUFFER	500 ml spray	12
Accessories:			
593 0144	Spray bottle	0.5 l	1



505 9685



505 9692



593 0144

A



Vulcanizing

Vulcanizing fluid

Vulcanizing fluid (free of CFC and aromatic compounds).
For the vulcanization of tube patches, valve patches and rubber-based valves.

Ref. No.	Designation	Content	Qty
505 9018	Vulcanizing fluid	50 x 3 g tube	1
505 9025	Vulcanizing fluid	10 x 3 g tube	1
505 9032	Vulcanizing fluid	50 x 5 g tube	1
505 9056	Vulcanizing fluid	50 x 10 g tube	1
505 9128	Vulcanizing fluid	50 x 25 g tube	1
505 9142	Vulcanizing fluid	25 x 50 g tube	1
505 9159	Vulcanizing fluid, with brush top	25 x 70 g can	1
505 9197	Vulcanizing fluid, with brush top	25 x 175 g can	1
505 0196	Vulcanizing fluid	25 x 175 g can	1
505 9245	Vulcanizing fluid	10 x 500 g can	1
Accessories:			
595 8353	Brush, with screw top	10	1



Vulcanizing fluid



595 8353



Repair plugs



Instructions for RUN FLAT, MINICOMBI, SEALASTIC, SUPER SEALASTIC, REMA SEAL, and SEALFIX:

***/**Follow the guidelines and legal regulations of your country when using the product(s).**

In the Federal Republic of Germany, please comply with the Guideline for the Repair of Pneumatic Tyres VkiBl. 2001, page 91:

3. General Requirements (excerpt):

- 3.1. As a matter of principle, a tyre must be demounted from the rim to evaluate the injury before the tyre is repaired.
- 3.3. ...only appropriate repair material must be used in accordance with the instructions of the manufacturer ... taking into account the compatibility of the products used for repair.
- 3.5. Injuries to tyres treated with a puncture spray cannot be repaired.
- 3.6. Inserting a tube without first repairing the tyre injury is not allowed.

B



510 1155



510 2147



510 2161



SEALASTIC TT 611 + TT 612 (refill packs),
insertion tool EM

SEALASTIC**

Temporary nail hole repair for cross-ply truck tyres mounted on the rim (max. injury size 8 mm) as well as EM and agricultural tyres (max. injury size 15 mm). Also suitable for tubeless radial EM tyres (up to a maximum speed of 40 km/h, if the "carbide mill cutter, pointed" is used. For larger injuries, use the corresponding REMA TIP TOP repair patches according to the relevant repair chart.

Ref. No.	Designation	Content	Qty				
510 1155	SEALASTIC TRUCK/EM, kit Scope of delivery: • 10 repair units • 2 cans of SPECIAL CEMENT BL (40 g each) • 1 insertion tool for EM • 1 rasp Ø 6,5 mm		1		•	•	•
510 2109	SEALASTIC TT 605, refill pack	50	1	•			
510 2147	SEALASTIC TT 611, refill pack	20	1		•		
510 2161	SEALASTIC TT 612, refill pack	20	1				•
510 2100	SEALASTIC TT 605 USA, refill pack	50	1	•			
510 2148	SEALASTIC TT 611 USA, refill pack	20	1		•		
510 2162	SEALASTIC TT 612 USA, refill pack	20	1				•

Accessories - SEALASTIC and SUPER SEALASTIC

For precise injury preparation.

Ref. No.	Designation	Dia. [mm]	Qty				
510 2219	Inserting tool for passenger car tyres, with plastic handle		1	•	•		
510 2226	Inserting tool for truck tyres, with plastic handle		1			•	
510 2233	Inserting tool for EM tyres		1			•	•
595 8944	Rasp	6.5	1				•
595 5002	HM cutter For EM SEALASTIC preparation of injuries using a drilling machine.		1				•



595 5002

595 8944





RADIAL repair patches

RAD repair patches, Series 100

Repair patches for durable repairs to all radial tyre sizes and for all applications. Suitable for hot- or self-vulcanization thanks to the unique bonding layer together with the appropriate REMA TIP TOP accelerator cements or solutions.

Ref. No.	Designation	Ply rating	Size [L x W mm]	Content	Qty
512 1441	RAD repair patch 144 TL	4	335 x 130	10	1
512 1458	RAD repair patch 145 TL	4	230 x 180	5	1
512 1465	RAD repair patch 146 TL	4	440 x 180	5	1
512 1506	RAD repair patch 150 TL	5	580 x 180	5	1
512 1520	RAD repair patch 152 TL	5	580 x 240	3	1
512 1551	RAD repair patch 155 TL	5	330 x 260	5	1
512 1568	RAD repair patch 156 TL	7	720 x 270	3	1
512 1609	RAD repair patch 160 TL	7	860 x 270	3	1
512 1623	RAD repair patch 162 TL	7	1030 x 325	1	1
512 1654	RAD repair patch 165 TL	6	420 x 330	3	1
512 1685	RAD repair patch 168 TL	7	760 x 350	1	1
512 1757	RAD repair patch 175 TL	8	530 x 450	3	1
512 1850	RAD repair patch 185 TL	Steel reinforced	730 x 530	1	1
512 1852	RAD repair patch 185 TL+	8	730 x 530	1	1



RAD repair patches, 100 Series



512 1609



512 1757

RAD Repair Patches, Series 100 / OTR

Ref. No.	Designation	Language
581 2000	Wall chart RAD 100	Multilingual



Nicht reparierbare Zone
Non repairable area
Zone non réparable
Zona non riparabile
Zona no reparabile



SERIE 100	SERIE 75-80	Serie 65	max. A mm	max. R mm	RAD-Nr.	max. C Ø mm	max. A x R mm	max. S mm
14.00-30.00	15.5-33.5	20/-50/	20	70	144 TL	20	20 x 40	15
16.00-40.00	17.5-55	25/-65/	25	150	146 TL	40	40 x 60	20
16.00-40.00	17.5-55	25/-65/	50	100	150 TL	50	50 x 80	35
18.00-40.00	20.5-55	35/-65/	50	150	152 TL	90	90 x 120	55
18.00-40.00	20.5-55	35/-65/	100	150	156 TL	90	90 x 140	60
27.00-40.00	29.5-55	45/-65/	50	300	168 TL	100	100 x 150	70
33.00-40.00	37.25-55	55/-65/	130	180	160 TL	90	90 x 180	65
14.00-18.00	15.5-20.5	20/-35/	60	400	162 TL	100	100 x 220	70
21.00-30.00	23.5-33.5	40/-50/	120	250	145 TL	40	40 x 70	-
16.00-21.00	17.5-23.5	25/-35/	60	480	155 TL	25	25 x 50	-
24.00-30.00	26.5-33.5	40/-50/	40	250	165 TL	60	60 x 90	-
33.00-40.00	37.25-50.5	55/-65/	25	250	175 TL	80	80 x 110	-
21.00-30.00	23.5-33.5	40/-50/	80	250	185 TL	60	60 x 90	-
33.00-40.00	37.25-55	55/-65/	100	250	185 TL	100	100 x 140	-
27.00-40.00	29.5-55	45/-65/	150	250	185 TL	150	150 x 220	-
24.00 -	26.5 -	40/ -	300	250	185 TL+	300	100 x 140	-
36.00 -	36.5 -	40/ -	-	-	-	-	-	-

This is the repair chart valid at the moment of printing.
Always refer to the repair chart and safety advice packed with the product!



CROSS-PLY repair patches



CROSS-PLY repair patches, Series PN-OTR

Repair patches for durable repairs to cross-ply tyres of all OTR sizes and for the applications indicated below. Suitable for all the current vulcanizing systems, due to the fully integrated bonding layer. Use in conjunction with the appropriate REMA TIP TOP accelerator solutions.

Ref. No.	Designation	Patch Ø in cord direction [mm]	Ply rating	Content	Qty	
512 2000	CROSS-PLY repair patch PN 050 For tread, shoulder and sidewall repair.	240	4	12	1	•
512 2017	CROSS-PLY repair patch PN 050+ For tread, shoulder and sidewall repair.	240	6	10	1	•
512 2024	CROSS-PLY repair patch PN 052 For tread, shoulder and sidewall repair.	360	6	12	1	•
512 2031	CROSS-PLY repair patch PN 052+ For tread, shoulder and sidewall repair.	360	8	10	1	•
512 2048	CROSS-PLY repair patch PN 054 For tread, shoulder and sidewall repair.	480	8	5	1	•
512 2055	CROSS-PLY repair patch PN 054+ For tread, shoulder and sidewall repair.	480	10	5	1	•
512 2062	CROSS-PLY repair patch PN 056 For tread and sidewall repair.	660	10	5	1	•
512 2079	CROSS-PLY repair patch PN 056+ For tread and sidewall repair.	660	12	5	1	•
512 2402	CROSS-PLY repair patch PN 056 S For sidewall repair.	660	10	5	1	•
512 2419	CROSS-PLY repair patch PN 056 S+ For sidewall repair.	660	12	5	1	•
512 2093	CROSS-PLY repair patch PN 058 For tread and sidewall repair.	810	12	3	1	•
512 2103	CROSS-PLY repair patch PN 058+ For tread and sidewall repair.	810	14	3	1	•
512 2433	CROSS-PLY repair patch PN 058 S For sidewall repair.	810	12	3	1	•
512 2440	CROSS-PLY repair patch PN 058 S+ For sidewall repair.	810	14	3	1	•
512 2110	CROSS-PLY repair patch PN 060 For tread and sidewall repair.	1010	14	1	1	•
512 2127	CROSS-PLY repair patch PN 060+ For tread and sidewall repair.	1010	16	1	1	•
512 2457	CROSS-PLY repair patch PN 060 S For sidewall repair.	1010	14	1	1	•
512 2464	CROSS-PLY repair patch PN 060 S+ For sidewall repair.	1010	16	1	1	•



CROSS-PLY repair patches,
Series PN-OTR

Cross-Ply Repair Patches, series PN / OTR

Ref. No.	Designation	Language
581 0080	Wall chart PN	Multilingual

P.N.
DIAGONAL



Laufflächen- und Schulter-Reparatur, Durchschlagsschäden

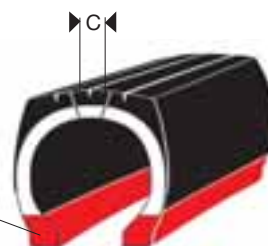


Nicht reparierbare Zone

Non repairable area

Zone non réparable

Zona non reparabile



C		PR	PLY RATING	10-14	16-20	22-26	28-32	34-38	40-44	46-50	52-58	60-
max. mm	max. inch											
15	1/2	PN-Nr.	050	050	050	050	050	050+	050+	050+	050+	050+
25	1	PN-Nr.	050	050	050	050	050+	050+	050+	050+	052	052
50	2	PN-Nr.	050	050	050	050	050+	052	052	052	054	054
75	3	PN-Nr.	050	050+	052	052	052	052	052+	054	054+	056
100	4	PN-Nr.	052	052	052	052	052+	054	054+	056/052+	056/052+	056/052+
125	5	PN-Nr.	052	052+	052+	054	054+	054+	056+	056/052+	056+/054	056+/054+
150	6	PN-Nr.	052	054	054	054+	054+	054+	056/052	056/054	056+/054	058/056
175	7	PN-Nr.	052	054	054	054+	056+	056+/052	058+/054	058+/054	058+/054	058+/056
200	8	PN-Nr.	-	054	056	056+	058+	058+/052	058/056	058+/056	060/056	060/056+
225	9	PN-Nr.	-	-	056	056+	058+	058+/054	058+/056	060/056	060+/056	060+/056+
250	10	PN-Nr.	-	-	056	056+	058+/052	058+/054	060/056	060+/056	060+/056	060+/056+

Seitenwand-Reparatur



Nicht reparierbare Zone

Non repairable area

Zone non réparable

Zona non reparabile



C		PR	PLY RATING	10-14	16-20	22-26	28-32	34-38	40-44	46-50	52-58	60-
max. mm	max. inch											
15	1/2	PN-Nr.	050	050	050	050	050	050+	050+	050+	050+	050+
25	1	PN-Nr.	050	050	050	050	050+	050+	050+	050+	052	052
50	2	PN-Nr.	050	050	050	050	050+	052	052	052	054	054
75	3	PN-Nr.	050	050+	052	052	052	052	052+	054	054+	056S
100	4	PN-Nr.	052	052	052	052+	054	054+	056S/056+	056S/052+	056S/052+	056S/052+
125	5	PN-Nr.	052	052+	052+	054	054+	054+	056S+	056S/052+	056S+/054	056S+/054+
150	6	PN-Nr.	052	054	054	054+	054+	056S/052	056+/054	056S+/054	058S/056S	058S/056S
175	7	PN-Nr.	052	054	054	054+	056S+	056S+/052	058S+/054	058S+/054	058S+/056S	058S+/056S
200	8	PN-Nr.	-	054	056S	056S+	058S+	056S+/052	058S/056S	058S+/056S	060S/056S+	060S/056S+

This is the repair chart valid at the moment of printing.

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Cross-Ply Repair Patches, series PN / OTR

Ref. No.	Designation	Language
581 0080	Wall chart PN	Multilingual

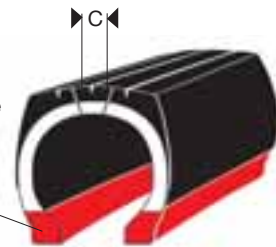
P.N.
DIAGONAL



Nicht durchgehender Schaden in Lauffläche und Schulter (bis 50%)

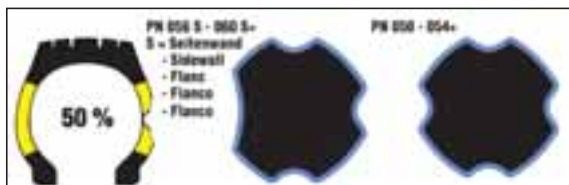


Nicht reparierbare Zone
Non repairable area
Zone non réparable
Zona non reparabile



max. mm	C max. inch	PR PLY RATING	10-14	16-20	22-26	28-32	34-38	40-44	46-50	52-58	60-
			050	050	050	050+	052	052	052+	052+	052+
50	2	PN-Nr.	050	050	050	050+	052	052	052+	052+	052+
100	4	PN-Nr.	050	050	052	052	052+	052+	054	054+	054+
150	6	PN-Nr.	052	052	054	054	054	054	054+	054+	056+
200	8	PN-Nr.	-	054	054	054	054	056	056	056+	058+
250	10	PN-Nr.	-	-	054	056	056	056	056+	058	058+

Nicht durchgehender Schaden im Seitenwandbereich (bis 50%)



Nicht reparierbare Zone
Non repairable area
Zone non réparable
Zona non reparabile



max. mm	C max. inch	PR PLY RATING	10-14	16-20	22-26	28-32	34-38	40-44	46-50	52-58	60-
			050	050	050	050+	052	052	052+	052+	052+
50	2	PN-Nr.	050	050	050	050+	052	052	052+	052+	052+
100	4	PN-Nr.	050	050	052	052	052+	052+	054	054+	054+
150	6	PN-Nr.	052	052	054	054	054	054	054+	054+	056S+
200	8	PN-Nr.	-	054	054	054	054	056S	056S	056S+	058S+
250	10	PN-Nr.	-	-	054	056S	056S	056S	056S+	058S	058S+

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Foil



Heat resistant gliding foil

This special foil is put between the repair area and the heating plate. It prevents the repair from sticking to the Thermopress heating plate.

Ref. No.	Designation	Colour	Size [mm]	Content	Qty
517 6977	Heat resistant gliding foil	white	approx. 500 x 300	10 sheets	1



Vulcanizing



515 0547

SPECIAL CEMENT OTR non-flammable (*EU-Version)

Ref. No.	Designation	Content	Qty
515 0547	SPECIAL CEMENT OTR, EU-version	1 kg can	10
515 0554	SPECIAL CEMENT OTR, EU-version	6 kg can	1



515 9004

INNERLINER SEALER

For sealing porous innerliners and coating excessively buffed repair areas on the tyre inside. For sealing the edges of repair areas.

Ref. No.	Designation	Content	Qty
515 9028	INNERLINER SEALER, with brush top	175 g tin	1
515 9004	INNERLINER SEALER	650 g tin	10
515 9011	INNERLINER SEALER	4 kg can	1
515 9035	INNERLINER SEALER, sprayable	3.5 kg can	1
515 9042	INNERLINER SEALER, sprayable	7 kg can	1



516 1055

MTR SOLUTION non-flammable (*EU version)

Accelerator solution for coating the buffed tyre inside, the buffed skive surface or the bonding layer of REMA TIP TOP repair patches prior to laminating with MTR RUBBER. MTR SOLUTION is adapted to MTR RUBBER with regard to its accelerator and adhesion system and can therefore be used at curing temperatures of at least 100°C (212°F).

*Labeled in accordance with EU regulations cfc-containing products.

Ref. No.	Designation	Content	Qty
516 1213	MTR SOLUTION, EU version	350 g tin	1
516 1055	MTR SOLUTION, EU version	1 kg tin	1
516 1062	MTR SOLUTION, EU version	6 kg can	1
516 1079	MTR SOLUTION, EU version	40 kg can	1

MTR SOLUTION, free of CFC and aromatic compounds

Accelerator solution for coating the buffed tyre inside, the buffed skive surface or the bonding layer of REMA TIP TOP repair patches prior to laminating with MTR RUBBER. MTR SOLUTION is adapted to MTR RUBBER with regard to its accelerator and adhesion system and can therefore be used at curing temperatures of at least 100°C (212°F). Inflammable versions with CFC are available on request.

Ref. No.	Designation	Content	Qty
516 9207	MTR SOLUTION, with brush top	350 g tin	1
516 9214	MTR SOLUTION	700 g tin	1
516 9221	MTR SOLUTION	3.75 l can	1
516 9240	MTR SOLUTION	4.5 kg can	1



516 9214



T2 SOLUTION non-flammable (*EU version)

*Labeled in accordance with the EU regulations for cfc-containing products.

Ref. No.	Designation	Content	Qty
517 7362	T2 SOLUTION A, EU version	1 kg tin	1
517 7379	T2 SOLUTION B, EU version	1 kg tin	1



517 7362

517 7379

T2 SOLUTION, free of CFC and aromatic compounds

T2 solution is used for pre-treatment of the buffed skive before it is filled with T2 Compound. The two components (A and B) are mixed in equal quantities in the amount required for the rubber surface.

Inflammable versions with CFC are available on request.

Ref. No.	Designation	Content	Qty
517 9008	T2 SOLUTION A 4	700 g tin	1
517 9015	T2 SOLUTION B 4	700 g tin	1
Accessories:			
595 8597	Plastic measuring cap For mixing T2 SOLUTION (200 ml).		1

B

**Rubber****SV bonding rubber**

Self-vulcanizing cushion gum for the lamination of REMA TIP TOP RADIAL and REMALON repair patches. Only apply with REMA TIP TOP SPECIAL CEMENT BL. Special cement waiting time before putting the tyre back into operation in case of self-vulcanization: 48 hours, at a temperature of at least 18°C/65°F.

Ref. No.	Designation	Size [L x W x H mm]	Weight [kg]	Content	Qty
517 3523	SV bonding rubber, blue	about 8000 x 250 x 0.8	approx. 2	1 roll	1
517 3509	SV bonding rubber, blue	about 10000 x 500 x 0.8	approx. 5	1 roll	1



SV bonding rubber

MTR RUBBER

Uncured rubber compound for filling skives in all areas on the tyre. Good flowing and vulcanizing characteristics. Required vulcanizing temperature: at least 100°C (212°F). Maximum temperature for warming up MTR RUBBER 80°C (176°F). MTR RUBBER provides excellent adhesion to the tyre and has high resistance to dynamic stress. Use MTR RUBBER only with MTR SOLUTION.

Ref. No.	Designation	Size [L x W x H mm]	Weight [kg]	Dia. [mm]	Content	Qty
516 1243	MTR RUBBER	about 2500 x 150 x 0.8	approx. 0.5		1 roll	1
516 1267	MTR RUBBER	about 2600 x 30 x 3.0	approx. 1		3 rolls	1
516 1250	MTR RUBBER	about 7200 x 250 x 1.2	approx. 2.5		1 roll	1
516 1274	MTR RUBBER	about 2600 x 500 x 3.0	approx. 5		1 roll	1
516 1170	MTR RUBBER, Rope for extruder		approx. 6	approx. 8	1 rope	1
516 1164	MTR RUBBER, Rope for extruder		approx. 12	approx. 8	1 rope	1



516 1164

MTR-CR RUBBER

Uncured rubber for increased wear and cut resistance. Required vulcanizing temperature: at least 100°C (212°F). The skive can be filled only with MTR-CR or together with MTR. If working with two compounds, use the MTR-CR as a protector above the casing. (CR = cut resistant).

Ref. No.	Designation	Weight [kg]	Dia. [mm]	Content	Qty
516 1180	MTR-CR, Rope for extruder (CR = cut resistant)	approx. 12	8	1 rope	1



516 1180

Thermopress MTR cushion gum

Cushion gum for laminating REMA TIP TOP repair patches prior to vulcanization in retreading systems/vulcanizing machines at an operating temperature of over 100°C (212°F). The excellent initial tack and ageing stability under thermal stress ensure improved adhesion even when used in open steam autoclaves or long curing processes. Use MTR RUBBER cushion gum only with MTR SOLUTION!

Ref. No.	Designation	Weight [kg]	Size [H x W x L mm]	Content	Qty
516 1009	MTR RUBBER cushion gum	approx. 5	about 1.0 x 500 x 8000	1 roll	1

B

VULC COMPOUND A+B non-flammable (*EU version)

For the repair of rubber damage to tyres and conveyor belts by cold vulcanization. Use with SPECIAL CEMENT BL.

*Labeled in accordance with EU regulations cfc-containing products.

Ref. No.	Designation	Content	Qty
516 0079	VULC COMPOUND A+B	1 lb. each	1
516 0086	VULC COMPOUND A+B	2 lbs. each	1
516 0110	VULC COMPOUND A+B, kit Scope of delivery: • 515 0814 2 tubes of SPECIAL CEMENT BL (70 g each)	1 lb. each	1
516 0127	VULC COMPOUND A+B, kit Scope of delivery: • 515 0340 2 cans of SPECIAL CEMENT BL (350 g each)	2 lbs. each	1



516 0110

**VULC COMPOUND A+B, free of CFC and aromatic compounds**

For the repair of rubber damage to tyres and conveyor belts by cold vulcanization. Use with SPECIAL CEMENT BL.

Inflammable versions with CFC are available on request.

Ref. No.	Designation	Content	Qty
516 9032	VULC COMPOUND A+B	300 g each	1
516 9049	VULC COMPOUND A+B	650 g each	1
516 9056	VULC COMPOUND A+B	3 kg each	1
516 9063	VULC COMPOUND A+B	6 kg each	1
516 9087	VULC COMPOUND A+B, kit Scope of delivery: • 1 Vulc Compound A (650 g tin) • 1 Vulc Compound B (650 g tin) • 1 can of SPECIAL CEMENT BL (225 g)	1525 g	1



516 9049

T2 COMPOUND

The solvent-free compound consisting of two components is mixed in the REMA TIP TOP hand extruder at 60°C (140°F) and applied to the repair location that was prepared with T2 SOLUTION.

The benefits:

- High initial elasticity
- Quick vulcanization
- Constant technical features and good abrasion resistance

Hand extruders should be cleaned using TIP TOP T2 cleaning rubber.

Ref. No.	Designation	Weight [kg]	Size [H x W x L mm]	Dia. [mm]	Content	Qty
517 7323	T2 COMPOUND A	2	3.0 x 20 x 5500		5 rolls	1
517 7330	T2 COMPOUND B	2	3.0 x 20 x 5500		5 rolls	1
517 7300	T2 COMPOUND A, Rope for extruder Opened plastic buckets are kept protected against environmental factors.	6		8	1 rope	1
517 7310	T2 COMPOUND B, Rope for extruder Opened plastic buckets are kept protected against environmental factors.	6		8	1 rope	1



517 7323



517 7330

B

T2 cleaning rubber

For the cleaning of hand extruders.

Ref. No.	Designation	Weight [kg]	Size [H x W x L mm]	Dia. [mm]	Content	Qty
517 7402	T2 cleaning rubber	approx. 1	about 3.0 x 20 x 5500		5 rolls	1
517 7420	T2 cleaning rubber, rope for extruder	approx. 6		approx. 8	1 rope	1



517 7402



Hand tools



Compass saws, 22 mm Ø + 32 mm Ø

511 1729



Buffing rasp R 5 + spacer R 5

Compass saw for steel cord tyres

For cylindrical removal of damaged material from tyres.



Ref. No.	Designation	Speed [rpm]	Qty					
511 1705	Compass saw, 22 mm Ø	max. 2000	1	511 1736	•	•		
511 1712	Compass saw, 32 mm Ø	max. 2000	1	511 1743	•	•		
511 1729	Compass saw, 41 mm Ø	max. 2000	1	511 1743	•	•		
511 1736	Arbour hexagon, 22 mm	max. 2000	1					
511 1743	Arbour hexagon, 32/41 mm		1					

Buffing rasps

For buffing rubber surfaces.



Ref. No.	Designation	Speed [rpm]	Content	Qty					
519 6139	Buffing rasp R 5, 45 mm Ø, Bore Ø [inch]:1/2	max. 4500		1	519 6270	519 6641	519 6263	•	•
519 6146	Spacer R 5, Bore Ø [inch]:1/2	max. 4500	6	1					
519 6249	Buffing rasp R 6, 76 mm Ø, Bore Ø [inch]:1/2	max. 4500		1	519 6270	519 6641	519 6263	•	•
519 6256	Spacer R 6	max. 4500	7	1					



595 4292



595 4326



595 4481



595 4498

Rotary gouges

For the removal of large volumes of rubber in tyre repairs.



Ref. No.	Designation	Dia. [mm]	Speed [rpm]	Size [W x H mm]	Content	Qty						
595 4292	Rotary gouge Bore [mm]: 9.5	50	max. 4500		1	1	595 4302	519 6689 595 4278	595 4278	•	•	•
595 4326	Rotary gouge Bore [mm]: 9.5	30	max. 4500		3	1	595 4034	519 6627		•	•	•
595 4481	Sharpening fixture For the precise sharpening of rotary gouges.					1						
595 4498	Replacement stones				2	1						
595 1460	Cylindrical peeling tooth			90 x 40		1						
595 2250	Cylindrical peeling tooth			70 x 30		1						
595 1240	Conical peeling tooth			85 x 45		1						
595 2570	Special horse-shoe peeling					1						





HM mill cutters and routers

For the precise injury preparation on radial and cross-ply tires. Special profile adapted to steel cord preparation. Long service life.



Ref. No.	Designation	Speed [rpm]	Dia. [mm]	Blade length [mm]	Length [mm]	Qty		
595 5019	HM mill cutter, pointed	max. 2500	4.5	30	90	1	Fixed shaft 6 mm	519 6672
595 4962	HM mill cutter, pointed	max. 2500	6	50	90	1	Fixed shaft 6 mm	519 6672
595 4948	HM mill cutter, pointed	max. 2500	8	50	100	1	Fixed shaft 8 mm	519 6689
595 5060	HM mill cutter, pointed	max. 2500	10	60	110	1	Fixed shaft 10 mm	519 6593
595 5040	HM mill cutter, pointed	max. 2500	12	60	110	1	Fixed shaft 10 mm	519 6593
595 5033	HM mill cutter, pointed	max. 2500	17	60	140	1	Fixed shaft 13 mm	
595 5026	HM mill cutter, pointed	max. 2500	22	60	140	1	Fixed shaft 13 mm	
595 5002	HM cutter, pointed (extra long) For EM SEALASTIC preparation of injuries using a drilling machine.	max. 2500	9.5	60	250	1	Fixed shaft 10 mm	
595 4900	HM router/burr, pointed	max. 25000	3	25	50	1	Fixed shaft 3 mm	519 6782
595 4924	HM router/burr, pointed	max. 25000	6	25	65	1	Fixed shaft 6 mm	519 6672
595 4931	HM router/burr, blunt headed	max. 25000	6	25	65	1	Fixed shaft 6 mm	519 6672
595 4955	Ballshaped HM burr	max. 25000	20			1	Fixed shaft 6 mm	519 6672



Jacob chuck type arbours



Q/R arbours



Flex drive arbours MK 1

Chip cones, standard class

For buffing rubber and textile plies.



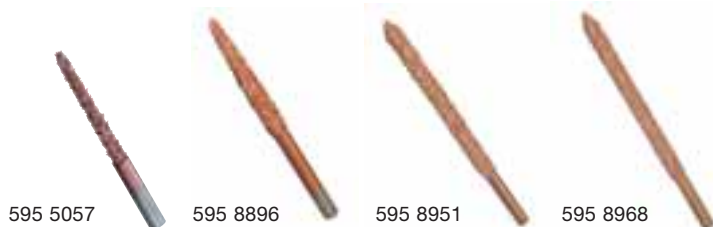
Ref. No.	Designation	Dia. [mm]	Thread [inch]	Length [mm]	Speed [rpm]	Qty						
595 0739	Chip cone K 18, pointed	25	3/8	102	max. 4500	1	595 4034	519 6610	595 4027		•	•
595 0746	Chip cone K 18, rounded	20	3/8	38	max. 4500	1	595 4034	519 6610	595 4027		•	•
595 8872	Chip cone K 18, pointed	25	3/8	50	max. 4500	1	595 4034	519 6610	595 4027	•	•	
595 8982	Chip cone K 36, pointed	25	3/8	102	max. 4500	1	595 4034	519 6610	595 4027		•	•

Pencil buffers, standard class

For buffing of rubber in nailhole type injuries.



Please order special sizes using the collective Ref. No. 595 9974 and precisely specifying the dimensions required!



Ref. No.	Designation	Dia. [mm]	Length [mm]	Speed [rpm]	Qty						
595 5057	Pencil buffer K 36	4 - 6	65	max. 4500	1	Fixed shaft 6 mm	519 6672		•	•	
595 8913	Pencil buffer K 46	4 - 8	102	max. 4500	1	Fixed shaft 6 mm	519 6672		•	•	
595 8896	Pencil buffer K 36	5 - 8	105	max. 4500	1	Fixed shaft 6 mm	519 6672		•	•	
595 8906	Pencil buffer K 18	5 - 8	105	max. 4500	1	Fixed shaft 6 mm	519 6672	595 4278	•	•	
595 8951	Pencil buffer K 36	8	170	max. 4500	1	Fixed shaft 8 mm	519 6689	595 4278			•
595 8968	Pencil buffer K 18	8	170	max. 4500	1	Fixed shaft 8 mm	519 6689	595 4278			•

Chip rasps / buffing wheels, standard class

Carbide buffing tools.



Ref. No.	Designation	Width [mm]	Dia. [mm]	Speed [rpm]	Thread [inch]	Qty						
595 8786	Buffing wheel K 18	3	50	max. 4500		1	Fixed shaft 6 mm	519 6672			•	•
595 8779	Buffing wheel K 36	3	50	max. 4500		1	Fixed shaft 6 mm	519 6672			•	•
595 8755	Chip rasp K 16	3	50	max. 4500	3/8	1	595 4034	519 6610	595 4027		•	•
595 8793	Chip rasp K 18	3	50	max. 4500	3/8	1	595 4034	519 6610	595 4027	•	•	•
595 8810	Chip rasp K 18	5	50	max. 4500	3/8	1	595 4034	519 6610	595 4027	•	•	•
595 8762	Chip rasp K 14	5	50	max. 4500	3/8	1	595 4034	519 6610	595 4027	•	•	•
595 8858	Chip rasp K 18	10	50	max. 4500	3/8	1	595 4034	519 6610	595 4027	•	•	•
595 4388	Chip rasp K 18	13	50	max. 4500	3/8	1	595 4034	519 6610	595 4027		•	•
595 4395	Buffing wheel K 36	13	50	max. 4500	3/8	1	595 4034	519 6610	595 4027		•	•
595 8827	Chip rasp K 18	19	50	max. 4500	3/8	1	595 4034	519 6610	595 4027		•	•
595 8834	Doughnut wheel K 18, 14 mm bore	16	76	max. 4500		1	595 4261	519 6634	595 4285		•	•
595 8841	Doughnut rasp K 18, 14 mm bore	19	102	max. 4500		1	595 4261	519 6634	595 4285		•	

Ball shaped chip rasps, standard class

Carbide buffing tools.



Please order special sizes using the collective Ref. No. 595 9974 and precisely specifying the dimensions required!

Ref. No.	Designation	Dia. [mm]	Speed [rpm]	Qty					
595 8920	Ball shaped chip rasp K 18	20	max. 4500	1	Fixed shaft 6 mm	519 6672		•	•



595 8920



Jacob chuck type arbours



Q/R arbours



Flex drive arbours MK 1

Domed contour rasps, standard class

For buffing on inner liner or other smooth rubber surfaces. Carbide buffing tools.

Please order special sizes using the collective Ref. No. 595 9974 and precisely specifying the dimensions required!



595 8865



595 4223



595 4209



595 4247



595 4230

Ref. No.	Designation	Dia. [mm]	Speed [rpm] max.	Bore Ø [inch]	Qty									
595 8865	Dome rasp K 18, Thread [inch]: 3/8	50	4500		1	595 4034	519 6610	595 4027				•	•	•
595 8975	Dome rasp K 36 Thread [inch]: 3/8	50	4500		1	595 4034	519 6610	595 4027			•		•	
595 4319	Dome rasp K 46	65	4500	3/8	1	595 4034	519 6627		•	•				
595 9000	Dome rasp K 36 Thread [inch]: 3/8	30	4500		1	595 4034	519 6610	595 4027	•		•			
595 4223	Dome rasp K 18	76	4500	14	1	595 4261	519 6634	595 4285					•	•
595 4216	Dome rasp K 36	65	4500	14	1	595 4261	519 6634	595 4285	•	•				
595 4209	Dome rasp K 36	76	4500	14	1	595 4261	519 6634	595 4285				•	•	
595 4247	Dome rasp K 18	102	4500	14	1	595 4261	519 6634	595 4285					•	•
595 4230	Dome rasp K 36	102	4500	14	1	595 4261	519 6634	595 4285			•			•
595 4330	Dome rasp K 36, Patriot	76	4500	14	1	595 4261	519 6634	595 4285				•	•	



Flex drive arbours MK 1

For secure mounting of buffing tools to flexible shafts.



Ref. No.	Designation	Qty	Thread
595 0519	Arbour MK 1 collet chuck type, 6 mm For use with All tools with 6 mm shaft	1	
595 4278	Arbour MK 1 collet chuck type, 8 mm For use with All tools with 8 mm shaft	1	
595 4027	Arbour MK 1, 3/8" For use with Buffing tools with 3/8" thread, 3/8" bore	1	
595 0526	Arbour MK 1 For use with Ball rasp (595 0605)	1	M12
595 0502	Arbour MK 1, 16 mm attachment For use with Wire brush (595 0571); Wire brush (595 0564); Limestones	1	
595 4285	Arbour MK 1 For use with All tools with 14 mm bore	1	M14
519 6263	Arbour MK 1, 16 mm attachment For use with Buffing rasps R5, R6	1	
595 4010	Arbour MK 1, 3/8" For use with Quick coupling	1	

Domed buffing rasp, silver class

For finishing work on rubber surfaces.



595 4357



595 4656



595 4632



595 4670



595 4735



595 4364

Ref. No.	Designation	Bore Ø [inch]	Dia. [mm]	Speed [rpm]	Length [mm]	Qty						
595 4357	Dome rasp K 36	3/8	65	max. 4500		1	595 4034	519 6610			•	•
595 4656	Dome rasp K 36	14	76	max. 4500		1	595 4261 with poly plug 595 053	519 6634 with poly plug 519 6665	595 4285 with poly plug not possible		•	•
595 4632	Dome rasp K 36		44	max. 4500	19	1	595 4034	519 6610	595 4285	•	•	
595 4670	Dome rasp K 36	14	102	max. 4500		1	595 4034	519 6610			•	•
595 4687	Dome rasp K 60	3/8	32	max. 4500	18	1	595 4034	519 6610	595 4027	•	•	
595 4735	Dome rasp K 36	3/8	32	max. 4500	18	1	595 4034	519 6610	595 4027	•	•	
Accessories:												
595 4364	Poly plug For use with Dome rasp (595 4357)	3/8	65	max. 4500		1	595 4034	519 6610			•	•
595 4663	Poly plug For use with Dome rasp (595 4656)	14	76	max. 4500		1	595 0533	519 6665			•	•

Dome contour rasps, REMA TIP TOP class

Economy series for buffing of rubber surfaces. Carbide buffing tool.

Please order special sizes using the collective Ref. No. 595 9974 and precisely specifying the dimensions required!



595 6056



595 6087



595 6111

Ref. No.	Designation	Dia. [mm]	Thread [inch]	Speed [rpm]	Bore Ø [mm]	Qty						
595 6056	Dome rasp K 16	50	3/8	max. 4500		1	595 4034	519 6610	595 4027	•	•	•
595 6087	Dome rasp K 16	76		max. 4500	14	1	595 4261	519 6634	595 4285		•	•
595 6111	Dome rasp K 16	102		4500	14	1	595 4261	519 6634	595 4285		•	•



Jacob chuck type arbours



Q/R arbours



Flex drive arbours MK 1



595 0117



595 0588



595 0595



595 0605



595 0083

Ref. No.	Designation	Width [mm]	Dia. [mm]	Speed [rpm] max.	Bore Ø [mm]	Qty									
595 0117	Limestone, cylindrical	15	60	4500		1	595 0100	519 6672		•	•				
595 0588	Limestone, cylindrical	30	90	4500	16	1	595 0540	595 0540 + 519 6689	595 0540 + 595 0502		•	•			
595 0595	Limestone, rounded	30	90	4500	16	1	595 0540	595 0540 + 595 6689	595 0540 + 595 0502				•		•
595 0605	Limestone, spherical, Thread M12		60	4500		1	595 0557	595 0557 + 519 6689	595 0557 + 595 0526				•		•
595 0083	Limestone, spherical, with shaft		38	4500		1	Fixed shaft 6 mm	519 6672						•	•

C

Rotary wire brushes

For the careful treatment of rubber steel cord. Please order special sizes using the collective Ref. No. 595 9950 and precisely specifying the dimensions required!



595 4522



595 4168



595 4175



595 0722



595 0076



595 0571



595 0564



595 4560

Ref. No.	Designation	Width [mm]	Bore Ø [inch]	Dia. [mm]	Speed [rpm] max.	Qty									
595 4522	Rotary brush, cylindrical, plastic embedded	7	3/8	50	2800	1	595 4034	519 6627		•					•
595 4168	Rotary brush, cylindrical, plastic embedded	8	14	76	2800	1	595 4261	519 6634	595 4285		•				•
595 4175	Rotary brush, contour embedded in plastic	20	14	76	2800	1	595 0533	519 6665	595 4285			•	•		
595 0722	Rotary brush, cylindrical, brass-coated steel wire	8		55	2800	1	Fixed shaft 6 mm	519 6672		•	•	•	•	•	•
595 0076	Rotary brush, steel wire	20		60	2800	1	Fixed shaft 6 mm	519 6672		•	•	•	•	•	•
595 0571	Rotary brush, cylindrical	25	16	80	2800	1	595 0540	519 6689	595 0502			•	•		
595 0564	Rotary brush, cylindrical	25	16	100	2800	1	595 0540	519 6689	595 0502			•	•		
595 4560	Spiral / pencil brush For the repair of very small injuries.	25		8	2800	1	Fixed shaft 6 mm	519 6672						•	•

Grinding tools for steel cord preparation

Rotary high speed stones, for steel cord preparation on tyres.



595 0667



595 0650



595 4780



595 4412



595 0629



595 4405



595 0681

Ref. No.	Designation	Width [mm]	Bore Ø [mm]	Speed [rpm] max.	Dia. [mm]	Length [mm]	Qty								
595 0667	Grinding disk, cylindrical	7	16	9000	76		1	595 0674	519 6689 + 595 0674	595 4278 + 595 0674	•		•		•
595 0636	Grinding disk, cylindrical	10	16	9000	100		1	595 0674	519 6689 + 595 0674	595 4278 + 595 0674	•		•		•
595 0650	Round mushroom stone, pointed	10		25000	40		1	Fixed shaft 6 mm	519 6672		•	•	•	•	•
595 4780	Cutting disk, blunt	6		25000	25		1	Fixed shaft 6 mm	519 6672		•	•	•	•	•
595 4797	Cutting disk	10		25000	50		1	Fixed shaft 6 mm	519 6672				•	•	•
595 4412	Round mushroom stone, pointed	6		25000	32		1	Fixed shaft 6 mm	519 6672		•	•	•		•
595 0629	Cone stone			25000	20	65	1	Fixed shaft 6 mm	519 6672		•		•		•
595 4405	Pencil stone			25000	8	25	1	Fixed shaft 6 mm	519 6672		•		•		•
595 0681	Ball stone, spherical			25000	20		1	Fixed shaft 6 mm	519 6672		•	•	•	•	•
595 4810	Pointed cone stone			25000	14	45	1	Fixed shaft 6 mm	519 6672		•	•	•	•	•



Jacob chuck type arbour



Q/R arbour



Flex drive arbour MK 1

ES finish buffer

ES buffing bands can be mounted or removed by turning them slightly to the right. This allows easy changing of band.



594 0830



595 5507



Ref. No.	Designation	Height [mm]	Speed [rpm] max.	Dia. [mm]					
595 5507	ES 45 finish buffer kit K 60 Scope of delivery: • 1 buffing sleeve • 5 buffing bands	30	2800	45	Fixed shaft 6 mm	519 6672		•	•
595 5514	Spare buffing band K 60	30	2800	45					
595 5521	Spare buffing band K 40	30	2800	45					
595 5552	ES 75 finish buffer kit K 60 Scope of delivery: • 1 buffing sleeve • 4 spare bands	30	2800	75	Fixed shaft 8 mm	519 6689	•		•
595 5576	Spare buffing band K 40	30	2800	75					
595 5569	Spare buffing band K 60	30	2800	75					
594 0830	Flap wheel K 80	30	6500	60	Fixed shaft 6 mm	519 6672		•	•

C



Buffing disk K 18

Buffing disks for angle grinders

For the preparation of large rubber surfaces on the outside of a tyre.



Ref. No.	Designation	Height [mm]	Dia. [mm]	Inside dia. [mm]	Speed [rpm] max.	
595 2531	Buffing disk K 18	2	125	22	4500	•
595 2548	Buffing disk K 23	2	125	22	4500	•
595 2555	Buffing disk K 18	2	175	22	4500	•
595 2562	Buffing disk K 23	2	175	22	4500	•

Chip rasps, REMA TIP TOP class

Economy series for buffing of rubber surfaces. Carbide buffing tool.



595 6018



595 6049

Ref. No.	Designation	Height [mm]	Dia. [mm]	Thread [inch]	Speed [rpm]	Qty						
595 6001	Chip rasp K 16	3	50	3/8	max. 4500	1	595 4034	519 6610	595 4027	•	•	•
595 6018	Chip rasp K 16	5	50	3/8	max. 4500	1	595 4034	519 6610	595 4027	•	•	•
595 6049	Chip rasp K 16	10	50	3/8	max. 4500	1	595 4034	519 6610	595 4027	•	•	•

Jacob chuck type arbours

Q/R arbours

Flex drive arbours MK 1

Q/R arbours - adapters for quick release chuck type

For the secure fastening of buffing tools in the quick coupling.

Ref. No.	Designation
519 6603	Quick release action chuck QC, 3/8" - 24 For use with Arbour MK 1 (595 4010)
519 6782	QR arbour NV 11, 3 mm bore For use with All tools with 3 mm shaft
519 6672	QR arbour NV 11, 6 mm bore For use with All tools with 6 mm shaft
519 6689	QR arbour NV 11, 8 mm bore For use with All tools with 8 mm shaft
519 6593	QR arbour NV 11, 10 mm bore For use with All tools with 10 mm shaft
519 6610	QR arbour NV 11, 3/8" - 24 For use with Buffing wheel 13 mm height, Ø 50 mm, and contour disks
519 6627	QR arbour NV 11, 3/8" - 24, 21 mm thread length For use with Gouge Ø 30 mm, buffing wheel Ø 50 x 3 mm
519 6634	QR arbour NV 11, M 14, 11 mm thread length For use with Contour disks and buffing wheels with Ø 76 mm + Ø 102 mm
519 6641	Adapter NV 11, R5/R6, 16 mm retainer For use with Buffing rasp R5 (519 6139); Buffing rasp R6 (519 6249)
519 6665	QR arbour NV 11, M 14, 16 mm attachment For use with Wire brush (595 4175); Buffing wheel with PU insert (595 4656)



519 6603



519 6782



519 6689



519 6672



519 6593



519 6610



519 6627



519 6634



519 6665



519 6641

Jacob chuck type arbours

For secure mounting of buffing tools on the driving machine.



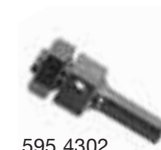
Ref. No.	Designation	Shaft dia. [mm]	Qty
595 0100	Arbour For use with Limestone, cylindrical (595 0117)	6	1
595 3932	Arbour For use with Buffing tools with 3/8" thread, 3/8" bore	6	1
595 4034	Arbour For use with Buffing tools with 3/8" thread, 3/8" bore	8	1
595 4302	Arbour For use with Rotary gouge (595 4292)	8	1
595 0533	Arbour For use with Wire brush (595 4175); Dome rasp with POLYPLUG 76 mm (595 4656)	8	1
595 0540	Arbour For use with Wire brush (595 0571); Wire brush (595 0564); Limestone (595 0588); Limestone (595 0595)	8	1
595 0557	Arbour For use with Ball rasp (595 0605)	8	1
595 4261	Arbour For use with Buffing tools with 14 mm bore and max. 4 mm attachment	8	1
519 6270	Arbour For use with Buffing rasps R5 and R6	8	1



595 0100



595 4034



595 4302



595 4261



595 0540



595 0557

Hand tools



595 0801



595 2074



595 2067



595 2050



595 2184



595 2177



595 4539



595 2108



595 2139



595 2287



595 2304



595 2120



595 7130

Cutting tools



For the preparation of damages on tyres of every type.

Ref. No.	Designation	Length [mm]	Width [mm]	Content	Qty
595 0801	Side cutter for steelcord • Toggle joint reduces expenditure of force • With opening spring • Plastic coated handle				1
595 2074	Skiving knife, 5" • Chromium-plated blade • Black, knobbed plastic handle • Ergonomic anti-slipping handle	125			
595 2067	Rubber knife, 6" • Chromium-plated blade • Black, knobbed plastic handle • Ergonomic handle	145			1
595 2050	Rubber knife, 8" • Chromium-plated blade • Black, knobbed plastic handle • Ergonomic handle	200			1
595 2184	Rubber knife, 10" • Chromium-plated blade • Black, knobbed plastic handle • Ergonomic handle	250			1
595 2191	Rubber knife, 12" • Chromium-plated blade • Black, knobbed plastic handle • Ergonomic handle	310			1
595 2177	Rubber knife, 8", with retractable blade	210			1
595 2218	Spare blade For use with Cutter 8" (595 2177)				1
595 4539	Knife, 4", tapered	100			1
595 4546	Knife, 4", flexible	100			1
519 7059	Overflow cutter, large				1
595 2108	Scratch knife, adjustable				1
595 2146	Spare blade, for scratch knife				1
595 2139	Offset flexible knife				1
595 2287	Scissors, 8", industrial quality	200			1
595 2304	Scissors, 10", industrial quality	255			1
519 7120	DOT/serial numbers knife handle Special knife for removal of original DOT/serial numbers.				1
519 7130	Blade set For use with DOT/serial numbers knife handle (519 7120)			12	1
519 7059	Overflow cutter		50		1
519 7066	Spare blade, for overflow cutter		50		1
517 3690	Knife heater, 230V The knife heater has adjustable thermostat. Specifications: Electric power [V]	230			

Special Tools for Tyre Repair

Whetstones

For sharpening of knife blades.



Ref. No.	Designation	Length [mm]	Size [L x W x H mm]	Qty
595 2153	Whetstone, with wooden handle	200		1
595 2225	Whetstone	230		1
519 6225	Whetstone (block)		150 x 50 x 25	1
595 2160	Steel sharpener, with plastic handle	230		1



Stitcher

For smooth application of repair patches or rubber. For ordering other spare parts please use the collective Ref. No.

Ref. No.	Designation	Width [mm]	Dia. [mm]	Size [mm]	Content	Qty
595 1013	Stitcher, corrugated	1.5	13			1
595 1020	Stitcher, corrugated	2	25			1
595 1044	Stitcher, with ball bearing, corrugated	4	35			1
595 1123	Stitcher, with ball bearing, plain surface	12	35			1
596 1027	Stitcher standard, corrugated	4	35			1
596 1034	Plastic stitcher					1
595 1160	Sticher, with ball bearing, corrugated	46	40			1
595 1180	Sticher, with ball bearing, corrugated	76	40			
595 1147	Needle stitcher	27	50			1
595 1154	Needle stitcher	46	50			1
595 1950	Needle sticher	76	52			1
Accessories:						
595 0849	Spare needles, chromium			1.5 x 12	3000	1
595 0856	Buffing needles, chromium			2 x 18	10000	1
595 0832	Buffing needles, chromium			1.5 x 10	3000	1



Rasp

For the cleaning and preparing of the injury when repairing with SEALASTIC or SUPER SEALASTIC repair units.

Ref. No.	Designation	Dia. [mm]	Length [mm]	Qty
595 8937	Rasp	4.5	85	1
595 8944	Rasp	6.5	195	1



Pincers and pliers REMA TIP TOP

For the easy removal of foreign objects from tyres.

Ref. No.	Designation	Length [mm]	Qty
594 0580	Pincers, with lever nose	300	1
571 9100	Universal pliers, insulated, medium-hard 3.8-	200	1
571 9090	Universal pliers IC 8210		1





570 9280

Tyre probes

Ref. No.	Designation	Length [mm]	Qty
570 9270	Tyre probe, with wooden handle	140	1
570 9280	Tyre probe, with plastic handle	140	1



595 1178



595 4515

Tyre scrapers

For the thorough cleaning of damaged surfaces, and tyre liners in conjunction with Liquid Buffer.

Ref. No.	Designation	Qty
595 1178	Tyre scraper For flat and curved surfaces.	1
595 4515	Tyre scraper BANDAG Especially suitable for profiled inner liners.	1



595 4553



595 0069



594 0000

Cleaning brushes

For cleaning of buffed surfaces and removal of buffing dust in conjunction with a vacuum cleaner.

Ref. No.	Designation	Qty
595 4553	Brass-bristled brush For gentle cleaning of the buffed area.	1
595 0069	Steel-bristled brush, adjustable Hardness of bristles selectable.	1
594 0000	Brush, with coconut fibres For removal of loose buffing dust.	1
571 9060	Handbrush, with horsehair bristles For removal of loose buffing dust.	1



Marking



595 0045



595 0052

Marking with pen

For writing directly on rubber or marking field of repair patches.

Ref. No.	Designation	Colour	Content
595 0045	Rubber marking pen silver For labelling rubber items of any kind.		
595 0052	Patch marking pen, 0.6 mm F	blue	10
595 0179	Marking pen For labelling rubber items of any kind.		5

Marking with chalk

For marking on tyre rubber. Clearly visible!

Ref. No.	Designation	Colour	Dia. [mm]	Content	Qty
595 0131	Lithografic marking chalk SISA	white	17	12	1
595 0203	Lithografic marking chalk SISA	yellow	17	12	1
595 8401	REMA TIP TOP tyre marker	rubber white	13	12	1
595 8418	REMA TIP TOP tyre marker	yellow	13	12	1
595 8449	Wax marking chalk	white	10	20	1
595 8432	Wax marking chalk	yellow	10	20	1
595 8460	Carmel special chalk Can also be used for marking on wet rubber.	white	17.5	12	1
Accessories:					
595 0227	Chalk holder SISA For use with (595 0131); (595 0203)				1
595 8425	REMA TIP TOP metal holder For use with (595 8401); (595 8418)				1
595 8456	Chalk holder, for 10 mm chalk For use with (595 8432); (595 8449)				1



595 0131



595 8401



595 8432



595 8460



595 0227



595 8425

Measuring tools

For accurate measurement of various values on tyre assessment.

Ref. No.	Designation	Measuring range [mm]	Weight [g]	Qty
519 1653	Tread depth gauge	0 - 30		1
519 1828	Digital tread depth gauge	0 - 35	112	1
519 1660	Profil depth gauge OTR/EM	0 - 150		1
595 4467	Steel tape measure	0 - 300		1
571 9080	Steel ruler, flexible	0 - 150		1
517 8511	Digital thermometer For measuring operating and process temperatures on objects such as steam lines, heating equipment, vulcanizing machines, motors, etc. The temperatures on or in the material to be vulcanized can be measured with the appropriate measuring equipment and sensors. Regularly monitoring temperatures can help to avoid malfunction or costs arising from the ensuing damage. All commercial K-type thermocouples with standard flat terminals are compatible with the instrument. Specifications: Temperature range [°C] -200 to +1370 Electric power [V] 9, block battery Size [W x D x H mm] 54 x 34 x 164 Scope of delivery: • 0.6 measurements per second • Inputs: (K101); (K102) für K-type thermocouples		180 (with battery)	1

519 1653



519 1828



519 1660



595 4467



571 9080



517 8511



571 9070



517 8504



595 8528



595 8511



595 8535



517 8535 - 517 8560

Special Tools for Tyre Repair

Ref. No.	Designation	Weight [g]	Length [mm]	Dia. [mm]	Qty
517 8504	Pen piercing thermometer Pen-type thermometer with digital indication.				1
571 9070	Infrared radiation thermometer MT6 For measuring on moving or electric parts without touching them. The thermometer measures and converts the thermal radiation emitted by the object. • Emission rate permanently set to 0.95 • Display holding time 7 sec • Temperature displayed in °C or °F (selectable) Temperature range [°C] -18 to +275 Accuracy [%] +/- 2 of measured value	350			1
595 8511	Hygrometer				1
595 8528	Shore hardness tester Shore A, Scale of 0 - 100 The analogue hardness meter is used for testing the hardness of plastics and rubber in Shore A (soft rubber, elastomers, natural rubber, or soft PVC). Product properties: • Fast and simple measurement • The meter is provided with an antiglare scale • A handy carrying case protects the meter against dust and damage				1
595 8535	Thickness gauge Measuring range [mm] 0 - 30				1
	Accessories:				
517 8528	Thermocouple wire, flexible, with connector For use with Digital thermometer (517 8511)		1000		1
517 8535	Sensitive pin, with connector For use with Digital thermometer (517 8511)		100	3	1

C



558 9076

Tyre marking

The SVS TYRE LABELS can be applied directly to the tyre for temporary marking. The production and processing of SVS TYRE LABELS are state-of-the-art and comply with the highest quality standards (feather-edged shape of the labels). The labels are available in any size, with one- or two-colour print (corporate logo). Ask for questionnaires. RUBBERETTE LABELS, similar to SVS, but with rubber base of 1 mm thickness for hot vulcanization and permanent marking. Metal plates with embossed letters for identification in the retreading process.

Ref. No.	Designation
558 9083	Barcode labels, minimum quantity of 1000 pieces. Consecutive numbering for identification of tyres in the retreading process/hot curing.
558 9076	SVS TYRE labels, minimum quantity of 1000 pieces. For temporary identification of tyres in the cold curing process. (Collective Ref. No.: please specify the quantity, size and print required.)
558 9100	RUBBERETTE labels, minimum quantity of 1000 pieces. For permanent identification of tyres in the retreading process/hot curing. (Collective Ref. No.: please specify the quantity, size and print required.)
599 3332	Metal plates. For identification of tyres in the retreading process/hot curing. (Collective Ref. No.: please specify the quantity, size and print required.)

Tyre marking, electric

For the hot marking and branding of tyres. For special characters such as &, %, etc., please use the collective Ref. No.!



Ref. No	Designation	Size [L x W mm]	Electric power [V/W]	Type size [mm]	Content	Qty
519 0977	Branding iron, 1 line	70 x 35	230/300	12		1
	Accessories:					
519 0984	Complete set (letters A-Z)				26	1
519 0991	Complete set (numbers 0-9)				10	1

Ref. No.	Designation	Qty	Ref. No.	Designation	Qty
	Accessories:			Accessories:	
558 7195	Letter A	1	558 7391	Letter T	1
558 7205	Letter B	1	558 7401	Letter U	1
558 7212	Letter C	1	558 7418	Letter V	1
558 7229	Letter D	1	558 7425	Letter W	1
558 7236	Letter E	1	558 7432	Letter X	1
558 7243	Letter F	1	558 7449	Letter Y	1
558 7250	Letter G	1	558 7456	Letter Z	1
558 7267	Letter H	1	558 7463	Number 1	1
558 7274	Letter I	1	558 7470	Number 2	1
558 7281	Letter J	1	558 7487	Number 3	1
558 7298	Letter K	1	558 7494	Number 4	1
558 7315	Letter L	1	558 7504	Number 5	1
558 7322	Letter M	1	558 7511	Number 6	1
558 7339	Letter N	1	558 7528	Number 7	1
558 7346	Letter O	1	558 7535	Number 8	1
558 7353	Letter P	1	558 7542	Number 9	1
558 7360	Letter Q	1	558 7559	Number 0	1
558 7377	Letter R	1	558 7170	Special character (+)	1
558 7384	Letter S	1	558 7160	Special character (-)	1



Electrical



Special buffing motors

High-quality motors for driving shafts - long-term tried and tested.
Modern, user-oriented, well proven, long life motor technology for improved safety.

- High torque
- Safety switch on the shaft hand piece
- Motor brake prevents after-running of the tool - hence improved safety at work
- Optional adapters for different shafts available
- With suspension for integration into existing carrying or rail systems



Ref. No.	Designation	Qty
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595 1264	Buffing motor	1
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Specifications:

Shaft	15
Voltage [V]	220/240
Power [kW/HP]	1.1/1.5
Rotating speed [1/min]	1400

Scope of delivery:

- 595 1305 1 safety switch for shaft hand piece

595 1271	Buffing motor	1
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Specifications:

Shaft	15
Voltage [V]	220/240
Power [kW/HP]	1.1/1.5
Rotating speed [1/min]	2800

Scope of delivery:

- 595 1305 1 safety switch for shaft hand piece

595 1288	Buffing motor	1
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Specifications:

Shaft	15
Voltage [V]	380/400
Power [kW/HP]	1.1/1.5
Rotating speed [1/min]	1400/2800

Scope of delivery:

- 595 1305 1 safety switch for shaft hand piece

595 1350	Buffing motor VARIO SPEED	1
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Specifications:

Shaft	12
Voltage [V]	220/240
Power [kW/HP]	1.1/1.5
Rotating speed [1/min]	1800 - 4500

Scope of delivery:

- 595 1374 1 adapter from shaft connection W 12 (motor) to shaft W 15
- 595 1305 1 safety switch for shaft hand piece

Accessories:

595 0409	Flexible shaft W 12, metal cover	1
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595 0485	Flexible shaft W 12, rubber cover	1
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595 0416	Flexible shaft W 15, metal cover	1
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595 0492	Flexible shaft W 15, rubber cover	1
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595 0423	Spare inner shaft, for W 12	1
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595 0430	Spare inner shaft, for W 15	1
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595 0447	Spare metal cover, for W 12	1
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595 0454	Spare metal cover, for W 15	1
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595 0911	Spare rubber cover, for W 12	1
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595 1264



595 1350



595 0485

Ref. No.	Designation	Qty
595 0928	Spare rubber cover, for W 15	1
595 0461	Spare aluminium hand piece, for shaft W 12/W 15	1
595 1295	Adapter From shaft connection W 15 (motor) to shaft W 12.	1
595 1374	Adapter From shaft connection W 12 (motor) to shaft W 15.	1
595 1312	Suspension, for buffing motor	1
595 1381	Mobile stand universal, for buffing motor	1
595 1305	Safety switch, for shaft hand piece incl. connector For use with Shaft W 12/W 15	1



Hand drills

Powerful machines for driving buffing and milling tools



Ref. No.	Designation	Weight [kg]	Length [mm]	Qty
594 0880	METABO drill machine SBE 1010 Plus CODE • Two speeds • Right- and left-hand rotation Specifications: Rotating speed [1/min] 0 - 950; 0 - 2400 Electric power [V/W] 220 - 240/1010	2.4		1
571 9110	DUSS hand drill B13/2 RLE • Right- and left-hand rotation • High torque (45 Nm in first gear) • Specially suitable for EM/OTR repairs Specifications: Rotating speed [1/min] 0 - 450; 0 - 1550 Electric power [V/W] 220/650	1.9		1
594 0590	BOSCH drill machine PSB 550 RE Specifications: Rotating speed [1/min] 0 - 3000 Electric power [V/W] 220 - 240/550 Accessories:	1.5		1
517 3286	Flexible Shaft, for use with drill machine For buffing tools up to 65 mm in diameter.	1.7	approx. 1600	1
517 3293	Holder, for drill machine			1
517 3303	Holder for flexible shaft			1



Electric fret saw

For removing damaged material when skiving out injuries on EM tyres; continuously adjustable speed; extra blade motion can be selected to facilitate your work. Supplied in metal case.



Ref. No.	Designation	Length [mm]	Content	Qty
595 4852	Electric fret saw Specifications: Stroke [mm] 27 Speed [1/min] 0 - 2400 Weight [kg] 3.5 Electric power [V/W] 230/1300 Accessories:			1
595 4876	Saw blades, for steel/rubber	150	5	1
595 4883	Saw blades, for steel/rubber	200	5	1



D



Pneumatic



595 0258



595 0790



595 0760



595 2590



595 0470



517 3097



519 6775

Heavy-duty buffers

For buffing and grinding work, rear exhaust through hose.



Ref. No.	Designation	Qty
595 0258	Air Buffer UT 8721, high speed, with 6 mm collet chuck Specifications: Rotating speed [1/min] 0 - 22000 Operating pressure [bar] 6 - 8	1
595 0790	Air buffer GP-0560SW, with quick release (QR) chuck Specifications: Rotating speed [1/min] 0 - 3200 Weight [kg] 1.5 Operating pressure [bar] 6 - 8	1
595 0760	Air buffer ST-3TB, with 6 mm collet chuck Specifications: Rotating speed [1/min] 0 - 22000 Weight [kg] 1.2 Operating pressure [bar] 6 - 8 Scope of delivery: • 1 6 mm collet chuck • 1 8 mm collet chuck • 2 tool holders	1
595 2590	Air buffer UG-65EBL Performance feature: • power torque progression • For EM-Innerliner, tread area and shoulder. Specifications: Rotating speed [1/min] 0 - 14600 Weight [kg] 2 Operating pressure [bar] 6 - 8 Electric power [inch] 3/8	1
595 0470	OTR Air Buffer UG-1250-LM, with an exhaust air tube on the side Please order the quick coupling using the collective Ref. No. Specifications: Rotating speed [1/min] 7200 Operating pressure [bar] 1/2 Electric power [inch] 3/8 Accessories:	1
517 3097	Universal Quick-Twist clamping chuck, with 3/8" thread For changing tools quickly and easily.	1
519 6775	Collet chuck reducer, 6 mm to 3 mm For use with (595 0258); All chucks (6 mm)	1
517 2861	Exhaust hose PN, 3 m For use with (595 0234)	1
595 5590	Exhaust hose RC For use with (595 5583)	1
517 2940	Exhaust hose, 2 m For use with (517 2933)	1

Patch hammer

Facilitates the application of large, multi-ply repair patches to passenger car, truck and EM tyres.

Ref. No.	Designation	Weight [kg]	Qty			
517 3602	Patch hammer, large, with metal ram Specifications: Electric power [inch] 1/4 Weight [kg] 1.9 Operating pressure [bar] 6 - 8		1	•	•	•
	Accessories:					
517 3619	Spare spring For use with (517 3602)	0.55	1			
517 3626	Spare ram For use with (517 3602)	0.262	1			



517 3602

Vacuum cleaner for dust/water

For removal of dust and water from the tyre.



Ref. No.	Designation	Qty			
519 7028	Vacuum cleaner for dust/water, pneumatic	1	•	•	
519 7180	Vacuum cleaner, for dust/water, pneumatic Specifications: Intake volume [l/min] 8.0 at 8 bar Intake volume 7.5 at 6 bar Intake volume 5.0 at 4 bar Length [mm] 340	1			•
	Accessories:				
519 7080	Spare vacuum bag	1			



519 7028



519 7180

Stapler

For the joining of tread splices when a tyre is retreaded.



Ref. No.	Designation	Staple width [mm]	Width [mm]	Qty
518 4309	Stapler, pneumatic Specifications: Operating pressure [bar] 5 - 6			1
	Accessories:			
518 4316	Staples	10	12	1
518 4323	Staples	16	12	1



518 4309

D



Bead breakers, pumps and sealing rings



519 1581

519 6933

EM mounting set

Suitable for demounting and mounting EM tyres, also on the vehicle. The mounting set is used to press off the rings of multi-piece rims. For mounting, the breaking cylinder is put against the vehicle frame and the tyre is pressed off the rim by the rear flange ring. The mounting set can also be used in case of inflation problems. The flange ring is then pressed against the sealing ring/tyre bead until the tyre is sufficiently pressurized.

Ref. No.	Designation	Length [mm]	Qty
519 1581	EM mounting set Base frame in wooden box, without the pump. Specifications: Size [L x W x H mm] 1200 x 500 x 220 Scope of delivery: • 2 threaded spindles with claw (440 mm) • 2 threaded spindles with bracket (400 mm) • 2 mounting levers, different length • 1 spanner 36" • 519 1567 1 additional breaking cylinder		1
519 1550	Extension set, 39"-51" Scope of delivery: • 1 extension frame • 1 extension spindle • 1 nuts M 24 • 2 nuts M 12 • 2 bolts M 12 x 80 For use with EM mounting kit (519 1581)		
Accessories:			
519 1567	Breaking cylinder, with adjusting spindle for inside breaking (included in 519 1581)		1
519 6933	Tyre lever SAYAM, for EM locking ring	950	

EM bead breaker

This EM bead breaker (23" - 49") is suitable for EM tyres on 5-piece rims. Not damaging the beads, as the enormous force is not applied to the tyre, but to the lateral rings. In general the beads are pressed off on the vehicle, i.e. with the wheel not demounted. It is also possible to use the bead breaker on demounted wheels in the workshop.

Ref. No.	Designation	Hydr. Pressure [bar]	Weight [kg]	Qty	
519 1598	EM bead breaker STANDARD With drawing hook No. 1. Pump not included.	500	15	1	•



519 1598

EM bead breaker GIGANT

This EM bead breaker is suitable for EM tyres on 5-piece rims. Not damaging the beads, as the enormous force is not applied to the tyre, but to the lateral rings. In general the beads are pressed off on the vehicle, i.e. with the wheel not demounted. It is also possible to use the bead breaker on demounted wheels in the workshop.

Ref. No.	Designation	Hydr. Pressure [bar]	Weight [kg]	Qty			
519 1725	EM bead breaker GIGANT I EM bead breaker (23" - 49"). Pump not included. Scope of delivery: • 558 9234 1 adjustable counter-support • 558 6440 1 counter support 49" • 1 removing hook size 1 • 1 removing hook size 2 • 1 insert segment dia. 20, 30, 40, 50 mm	700	30	1	•		
519 1677	EM bead breaker GIGANT II EM bead breaker (51" - 57") with dual drawing hook mechanism for use on a balancer/suspension device. Pump not included. Scope of delivery: • 1 adjustable counter-support • 558 6457 1 counter-support 51" • 1 insert segment, height 17, 25, 40 mm	700	70	1	•		
	Accessories:						
519 1684	Carriage For use with EM bead breaker GIGANT II (519 1677)			1	•		
558 6464	Counter-support, 57" For use with EM bead breaker GIGANT II (519 1677)			1	•		



EM bead breaker GIGANT II with carriage



519 1725

Bead breaker

Hydraulic claw breaker for breaking the beads on mounted or demounted wheels.

Ref. No.	Designation	Hydr. Pressure [bar]	Weight [kg]	Qty			
519 1574	Bead breaker tractor No other tools are required thanks to the bead breaking force of 5 tons. Suitable for tyres on one-piece drop centre rims, Unimog tyres, pneumatic fork lift tyres, truck tyres on combi-ring rims and tubeless 14/80 R20 (Pilote) tyres on four-piece flat base rims, tubeless tractor, grader and EM tyres on three-piece semi drop center rims with locking ring. Pump not included with the tool.	500	22	1	•	•	•
519 1730	OTR EM bead breaker type 3 The OTR bead breaker is designed for the new generation of three-piece OTR/EM wheels which do not have a groove in the bead area. Construction and handling are similar to the tractor bead breaker. The OTR bead breaker benefits from proven technology which was improved and perfected. Pump not included with the tool.	700	23	1	•	•	•
	Accessories:						
558 2620	Breaking claw Type 3, up to 25" For use with OTR EM bead breaker type 3 (519 1730)			1	•	•	•



519 1574



519 1730

Pumps

Hydraulic pumps for bead breakers.



519 1512, 519 1513



519 1520, 519 1529



519 1691

Ref. No.	Designation	Hydraulic pressure [bar]	Qty
519 1512	Hand/foot pump, hydraulic For use with EM bead spreader (519 9181); Bead breaker, tractor (519 1574); EM bead breaker, STANDARD (519 1598); EM mounting kit (519 1581)	500	1
519 1513	Hand/foot pump, hydraulic For use with OTR EM bead breaker type 3 (519 1730)	700	1
519 1520	Foot pump, pneumatic-hydraulic The pneumatic assistance speeds up the pumping. Foot switch with 2 positions (pump/release). Specifications: Electric power [inch] 1/4 for air Electric power [inch] 3/8 for oil Weight [kg] 5.3 Size [L x W x H mm] 295.5 x 112 x 172 For use with OTR EM bead breaker type 3 (519 1730)	700	1
519 1529	Foot pump, pneumatic-hydraulic The pneumatic assistance speeds up the pumping. Foot switch with 2 positions (pump/release). Specifications: Electric power [inch] 1/4 for compressed air Electric power [inch] 3/8 for hydraulic oil Weight [kg] 5.3 Size [L x W x H mm] 295.5 x 112 x 172 For use with EM bead spreader (519 9181); Bead breaker, tractor (519 1574); EM bead breaker, STANDARD (519 1598); EM mounting kit (519 1581)	500	1
519 1691	Foot pump, pneumatic-hydraulic For bead breakers with large oil volume such as the Gigant series. For use with EM bead breaker GIGANT I (519 1725); EM bead breaker GIGANT II (519 1677)	700	1

Sealing rings

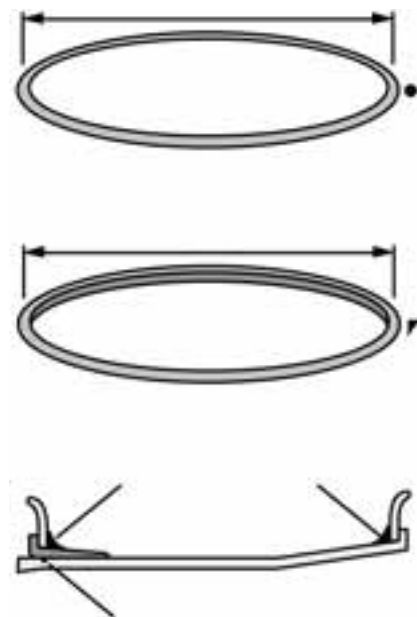
O-rings:

For sealing the tyre beads of graders, earth movers and other heavy OTR vehicles with split rims.

V-rings:

Ensure improved air seal where the tyre bead meets the rim and flange. They are of particular benefit to radial tyres on split rims.

Ref. No.	Designation	Nominal dia. [inch]	Size [mm]	Qty
563 2002	'O' ring	17	6.6	1
563 2019	'O' ring	20	6.6	1
563 2026	'O' ring	24	6.6	1
593 1990	'O' ring seal, thick	24	9.5	1
563 2033	'O' ring, thin	25	6.6	1
563 2040	'O' ring, thick	25	9.5	1
563 2057	'O' ring	29	9.5	1
563 2064	'O' ring	33	9.5	1
563 2071	'O' ring	35	9.5	1
563 2088	'O' ring	39	9.5	1
563 2095	'O' ring	45	9.5	1
563 2105	'O' ring	49	9.5	1
563 2112	'O' ring	51	9.5	1
563 2129	'O' ring, extra thick	51	12.7	1
563 2136	'O' ring	57	12.7	1
563 2208	'V' ring	20		1
563 2215	'V' ring	24		1
563 2222	'V' ring	25		1
563 2239	'V' ring	29		1
563 2246	'V' ring	33		1
563 2253	'V' ring	35		1
563 2260	'V' ring	39		1
563 2277	'V' ring	45		1
563 2284	'V' ring	49		1
563 2291	'V' ring	51		1
563 2301	'V' ring	57		1



'V' rings, 'O' rings



Tyre spreaders



Tyre lift spreader

For preparing the inspection and repair of tractor, truck, EM and industrial tyres and for the changing of tubes and flaps as well as for similar work. Extremely low roll-on height (200 mm), spreader cylinder with hand and foot control. Enough space for the feet to be safe from injury. Pneumatic system lifts the tyre to the desired working height. Pneumatically controlled opening of the spreader claws. The machine is designed for one-man operation.



519 9198

Ref. No.	Designation	Qty			
519 9150	Tyre lift spreader Specifications: Lifting capacity at 12 bar [kg] approx. 200 Lifting capacity at 15 bar [kg] approx. 300 Lifting height [mm] max. 450 Weight [kg] 150 Size [W x D x H mm] 1150 x 780 x 900 Tyre size [inch] max. 18R22.5	1	•	•	•
519 9198	Tyre lift spreader SUPER Same features as basic machine, plus integrated light (12 V/integrated transformer), roll-on ramp, compressed air conditioner. Specifications: Lifting capacity at 12 bar [kg] approx. 200 Lifting capacity at 15 bar [kg] approx. 300 Lifting height [mm] max. 450 Weight [kg] 160 Size [W x D x H mm] 1150 x 780 x 900 Tyre size [inch] max. 18R22.5 Accessories:	1	•	•	•
519 9167	Set of EM extensions, up to 23.5R25	1			

E



519 9222



519 9181



519 9239

Tyre spreaders

Ref. No.	Designation	Qty		
519 9222	EM tyre spreader, with clamping mechanism Specifications: Weight [kg] 7.5 Spreading range [mm] 100 - 530	1	•	•
519 9181	EM bead spreader, hydraulic Hydraulic bead spreader for EM tyres with stiff beads. Specifications: Weight [kg] 42 Operating pressure [bar] hydraulic 500 Spreading force [ton] 5.5 Tyre size [inch] 20 - 57	1	•	
519 9239	Spreader bars, EM For securing spread tyre beads. Specifications: Weight [kg] 6 Spreading range [mm] 340 - 550	1	•	

Lighting

Ref. No.	Designation	Voltage [V]	Electric power [V/W]	Length [mm]	W	Qty			
517 4522	Halogen lamp, magnetic incl. 12 V bulb.	230				1			
595 3004	Tyre inspection lamp, includes location holder Suitable for tyres of 5.5" - 18" in width. Power cord (5 m).		220/8			1	•	•	•
595 3028	Tyre inspection lamp, without holder Suitable for tyres of 5.5" - 18" in width. Power cord (5 m).		220/8			1	•	•	•
571 9520	Working light OPUS I • Ease-of-servicing design • No flickering light • Quick-change bulb • Slender shape • Sturdy hosing • Power cord (5 m)		230/11			1			
594 0910	Flexarm 500 magnetic clamp OPUS I			500		1			
571 9740	Working Light-Master 2 The OPUS 2 take light system has been developed especially for hte use in the rough enviromment of workshops. The Light-Master is brilliant for lighting to agricultural tractor and OTR/EM tyre. Performance feature: • safety and simple handling • energy-efficient • tough rubber tyred castors take care of god motion of the stand • wide action radius by exendable telescent rail • horizontal multiple locking device individually adjustable • safe stand by means of a cast-iron foot of approx 30 kg • practical use: two additional sockets for connection of further electrical devices • flexible approved connection, oil and petrol resistant • Lights approved according to EN 60598-2-8 and EN 55015 respectively EN 60598-2-1		230/50		2 x 24	1			
571 9750	Working light OPUS 2, with power socket This Work light is optimal to light dark working condition, on large tyre and workshops.		230/50		2 x 24	1			
Accessories:									
571 9760	Spare lamp, 24 W For use with lamp (571 9740, 571 9750)					1			
517 4539	Spare lamp, 12 V For use with Halogen lamp, magnetic (517 4522)								
595 3011	Holder For use with Tyre inspection lamp with holder (595 3004); Tyre inspection lamp without holder (595 3028)					1			



517 4522



595 3004



571 9520



571 9740



571 9750



Regrooving



HOT CUTTER

Special thermal cutting tool for quick and easy removal of inner liners or old repair patches of any type, including steel-reinforced patches. Easier handling thanks to additional handle.

Ref. No.	Designation	Cutting width [mm]	Cutting depth [mm]	Content	Qty				
564 1206	HOT CUTTER Specifications: Electric power [V] 230				1	•	•	•	•
564 1213	HOT CUTTER, (US version) Specifications: Electric power [V] 115				1	•	•	•	•
	Accessories:								
564 1251	HOT CUTTER blade type 1	21	10	10	1				



564 1206

RUBBER CUT 300

Ergonomic design of the handle makes working easier. Switch control with up to 8 positions, for high cutting intensity. Automatic overheating cutout according to DIN 30600. Insulated cutting head.

The compact regrooving tool containing all components in the handle. Excellent as a spare tool or for shops requiring a regroover only occasionally. Cutting width with FIX regrooving blades 3 - 28 mm. Integrated transformer with 2-step cutting capacity, easy handling.

Ref. No.	Designation	Voltage [V]	Qty	
564 1000	RUBBER CUT 300, 115V	115	1	•
564 1017	RUBBER CUT 300, 220/240V	220/240	1	•



564 1017

RUBBER CUT 400

Ergonomic design of the handle makes working easier. Switch control with up to 8 positions, for high cutting intensity. Automatic overheating cutout according to DIN 30600.

Insulated cutting head. Allows fast and accurate regrooving of the tread. More freedom of movement and easy guiding due to separation of handle and transformer. Cutting width with FIX regrooving blades 3 - 28 mm; prepared for wall mounting; lockable carrying handle; GS-tested, meets recognized safety standards.

Ref. No.	Designation	Voltage [V]	Qty	
564 1103	RUBBER CUT 400, 115V	115	1	•
564 1110	RUBBER CUT 400, 220/240V	220/240	1	•
564 1127	RUBBER CUT 400, 240 V (UK version)	240	1	•
564 1165	RUBBER CUT 400-R, 220/240V Execution like RUBBER CUT 400, with added roles for better leading.	240	1	



564 1110

Accessories - RUBBER CUT 300, 400

R Fix = round blade, W Fix = angle blade.

Ref. No.	Designation	Cutting width [mm]	Cutting depth [mm]	Content	Qty
564 2803	R Fix 1	3 - 4	max. 7	20	1
564 2810	R Fix 2	5 - 6	max. 8	20	1
564 2827	R Fix 3	6 - 8	max. 10	20	1
564 2834	R Fix 4	9 - 10	max. 14	20	1
564 2841	R Fix 5	10 - 14	max. 16	20	1
564 2858	W Fix 1	3 - 4	max. 7	20	1
564 2865	W Fix 2	5 - 6	max. 8	20	1
564 2872	W Fix 3	6 - 8	max. 10	20	1
564 2889	W Fix 4	9 - 10	max. 14	20	1
564 2896	W Fix 5	10 - 14	max. 16	20	1
564 2906	W Fix 6	22 - 28	max. 16	10	1
564 1020	Gauge, for setting the cutting depth				1



564 2834



564 2889



564 1020



Thermopress



Thermopress machines

Ref. No.	Designation	Qty					
517 1532	Thermopress II ECONOMY, 115V Vulcanizing machine for the repair of radial and cross-ply car, van, truck, tractor and EM tyres. • Strong construction, designed for long service life • Low operating temperature of about 145 °C, therefore no deformation of tyre • Can also be used for cosmetic repairs of rubber injuries in tyre production and retreading • Vulcanization pressure is continuously adjustable Specifications: Electric power [V/W] 115/600 Scope of delivery: • 517 3578 2 heating plates 115V • 517 7048 1 timer unit 0 - 120 min • 517 1295 1 U-clamp • 517 3248 1 foot switch for heating plate • 517 1941 1 set of pressure equalizing pads • 517 7172 1 rubber cover for car tyres • 517 7165 1 rubber cover for truck tyres • 517 7158 1 heating plate cover, truck, top	1	•	•	•	•	•
517 1525	Thermopress II ECONOMY, 230V Vulcanizing machine for the repair of radial and cross-ply car, van, truck, tractor and EM tyres. • Strong construction, designed for long service life • Low operating temperature of about 145 °C, therefore no deformation of tyre • Can also be used for cosmetic repairs of rubber injuries in tyre production and retreading • Vulcanization pressure is continuously adjustable Specifications: Electric power [V/W] 230/600 Scope of delivery: • 517 3578 2 heating plates 230V • 517 7048 1 timer unit 0 - 120 min • 517 1295 1 U-clamp • 517 3248 1 foot switch for heating plate • 517 1941 1 set of pressure equalizing pads • 517 7172 1 rubber cover for car tyres • 517 7165 1 rubber cover for truck tyres • 517 7158 1 heating plate cover, truck, top	1	•	•	•	•	•



517 1525

Vulcanizing Machines and Accessories

Ref. No.	Designation	Qty					
517 3531	Thermopress PNEUMATIC, 230V Justierbar. Vulcanizing machine with pneumatic cylinder for the repair of radial and cross-ply truck and tractor tyres. • Strong construction, designed for long service life • Low operating temperature of about 145 °C, therefore no deformation of tyre • Especially suitable for cosmetic repairs of rubber injuries in tyre production and retreading • Vulcanization pressure is continuously adjustable Specifications: Electric power [V/W] 230/600 Operating pressure [bar] 6 - 10 Scope of delivery: • 517 3578 2 heating plates 230V • 517 7048 1 timer unit 0 - 120 min • 517 1295 1 U-clamp • 517 3248 1 foot switch, short • 517 1941 1 set of pressure equalizing pads • 517 7172 1 rubber cover for car tyres • 517 7165 1 rubber cover for truck tyres • 517 7158 1 heating plate cover, truck	1	•	•	•	•	•



517 3531

Digital extension - Thermopress

For individual temperature control of the heating plates. Especially suitable for cosmetic repairs in tyre production and retreading. Optional for all TP II machines.

Performance feature:

- lighted circuit breaker
- Temperature control, with digital display, 0-200 °C
- safety fuse
- Montage-clamp to back of electric control box



Digital control unit and heating plates

Ref. No.	Designation	Qty
517 4150	Digital control TP II, 230V • Control box for mounting on the TP frame • 2 digital temperature indicators • Control of curing time by timer unit of TP for control of the two heating plates For use with ECONOMY 230V, PNEUMATIC 230V	1
517 4010	Heating plate digital, for TP II Can only be used in combination with the digital control TP II (2 plates required).	1



517 4150

F

Support stand - Thermopress

Ref. No.	Designation	Qty					
517 4900	Support stand TP II SHUTTLE Mobile support for all TP ECONOMY and PNEUMATIC machines. Makes it easier to position light-truck, truck, agricultural and EM tyres for repairs to the sidewall, shoulder or tread. Vertically adjustable, swivelling device, 4 castors (2 with integrated stop), spacious tool tray. Specifications: Size [W x D x H mm] 760 x 700 x 1230 Weight [kg] about 60 For use with TP II ECONOMY; TP PNEUMATIC	1	•	•	•	•	•
Accessories:							
558 8456	Retaining straps 2, TP shuttle	1					
558 8457	Retaining straps 3, TP shuttle	1					



517 4900





Thermopress extensions and accessories



Accessories - Thermopress

Ref. No.	Designation	Electric power [V/W]	Size [L x W mm]	Qty					
517 3585	Spare heating plate TP, fitted, 115V Scope of delivery: • 517 3633 1 heating plate aluminium casing • 517 3640 1 heating plate bottom part (electric system) For use with ECONOMY, PNEUMATIC	230/300		1	•	•	•	•	•
517 3578	Spare heating plate TP, fitted, 230V Scope of delivery: • 517 3633 1 heating plate aluminium casing • 517 3640 1 heating plate bottom part (electric system) For use with ECONOMY, PNEUMATIC	230/300		1	•	•		•	•
517 3729	Heating plate bottom part TP, 115V With vulcanized heating filament, thermo regulator and excess temperature cut-out as well as cable and circular plug (4-pole). Specifications: Electric power [V/W] 115/270			1	•	•	•	•	•
517 3640	Heating plate bottom part TP, 230V With vulcanized heating filament, thermo regulator and excess temperature cut-out, cable and safety plug. Specifications: Electric power [V/W] 230/300			1	•	•	•	•	•
517 1958	Aluminium heating plate For use with ECONOMY, PNEUMATIC		210 x 140	1	•		•	•	•
517 7172	Rubber cover, for lower heating plate For use with ECONOMY, PNEUMATIC			1	•				
517 7165	Rubber cover, for lower heating plate For use with ECONOMY, PNEUMATIC			1			•	•	•
517 2438	Pressure equalizing pad passenger car, small For use with ECONOMY, PNEUMATIC		180 x 130	1	•				
517 1989	Pressure equalizing pad truck, large For use with ECONOMY, PNEUMATIC		210 x 150	1			•		
517 1965	Pressure equalizing pad agricultural, quadrate For use with ECONOMY, PNEUMATIC		260 x 100	1				•	
517 1941	Set of pressure equalizing pads Scope of delivery: • 2 aluminium heating plates • 2 pads For use with ECONOMY, PNEUMATIC			1	•		•		



517 3578



517 1958



517 7172



517 7165



Pressure equalizing pads, large for truck, small for passenger car



Thermopress EM

Thermopress EM machines

Hot vulcanizing machine for repairing injuries to the tread, shoulder or sidewall of radial, cross-ply and EM tyres, with the use of REMA TIP TOP repair patches.

Ref. No.	Designation	Qty											
517 7701	Thermopress EM I, pneumatic EM tyres up to 33.25-35. Strong construction provides easy maintenance and a long service life. Adaptation to every repair position by a built-in tilting and swivelling mechanism. Electronic temperature controller with display is integrated. Performance feature: • Temperature display for each heating plate • Elekctronic timer with residual curing time memory, 0-99 hours • Hydraulic, with automatic resetting device Specifications: <table><tr><td>Voltage [V]</td><td>230</td></tr><tr><td>Operating pressure [bar]</td><td>4 - 8</td></tr><tr><td>Pressing power [ton]</td><td>approx. 3</td></tr><tr><td>Curing temperature [°C]</td><td>approx. 150</td></tr></table> Scope of delivery: • 1 movable undercarriage • 1 energy block/control unit • 1 complete frame • 2 Pressure plates • different slip-on contour segments • 517 6001 1 Thermopress heating plate No. 1 • 517 6025 1 Thermopress heating plate No. 2	Voltage [V]	230	Operating pressure [bar]	4 - 8	Pressing power [ton]	approx. 3	Curing temperature [°C]	approx. 150	1	•	•	•
Voltage [V]	230												
Operating pressure [bar]	4 - 8												
Pressing power [ton]	approx. 3												
Curing temperature [°C]	approx. 150												
517 5002	Thermopress EM II, electrohydraulic Universal frame adjustment, suitable for the repair of radial and cross-ply tyres up to the size of 30.00-51 in the basic version. Electronic temperature controller with digital display of actual and desired temperature. Performance feature: • Temperature display for each heating plate, double circuit control system • Elekctronic timer with residual curing time memory, 0-99 hours • Hydraulic, with automatic resetting device Specifications: <table><tr><td>Electric power [V]</td><td>230</td></tr><tr><td>Pressing power [bar]</td><td>160</td></tr><tr><td>Curing temperature [°C]</td><td>approx. 150</td></tr></table> Scope of delivery: • 1 movable undercarriage • 1 energy block/control unit • 1 complete frame • 3 Pressure plates • different slip-on contour segments • 517 6025 1 Thermopress heating plate No. 2 • 517 6032 1 Thermopress heating plate No. 3	Electric power [V]	230	Pressing power [bar]	160	Curing temperature [°C]	approx. 150	1	•	•	•		
Electric power [V]	230												
Pressing power [bar]	160												
Curing temperature [°C]	approx. 150												



517 7701



517 5002



517 7804



517 5727

Ref. No.	Designation	Qty											
517 7804	Thermopress EM III, electrohydraulic For the repair of large EM tyres from 30.00-51 to 67.5/60-51 and 54.00 R69 using REMA TIP TOP OTR repair patches. Mobile construction with universal tilt-and-swivel frame. Digital instrumentation and electronic control ensure the right pressure, temperature and cure time. Can also be connected to 230 V. Performance feature: • Temperature display for each heating plate, double circuit control system • Elektronic timer with residual curing time memory, 0-99 hours • Hydraulic, with automatic resetting device Specifications: <table><tr><td>Voltage [V]</td><td>380/3 phases/50 Hz</td></tr><tr><td>Pressing power [bar]</td><td>160</td></tr><tr><td>Curing temperature [°C]</td><td>approx. 150</td></tr><tr><td>Electric power</td><td>3 N AC 400 V (230/400 V)</td></tr></table> Scope of delivery: • 1 movable undercarriage • 1 energy block/control unit • 1 complete undercarriage • 2 Pressure plates • different slip-on contour segments • 517 6032 1 Thermopress heating plate No. 3 • 517 6252 1 Thermopress heating plate No. 4	Voltage [V]	380/3 phases/50 Hz	Pressing power [bar]	160	Curing temperature [°C]	approx. 150	Electric power	3 N AC 400 V (230/400 V)	1			•
Voltage [V]	380/3 phases/50 Hz												
Pressing power [bar]	160												
Curing temperature [°C]	approx. 150												
Electric power	3 N AC 400 V (230/400 V)												
Accessories:													
517 5727	Thermopress EM accessory GIGANT For the repair of 40.00 - 57" tyres. Scope of delivery: • 1 frame slip-on adapter • 1 retaining bolt d = 20 mm • 1 retaining tube 50 x 280 mm • 1 heating plate support, short, 80 x 435 mm • 1 heating plate support, medium, 80 x 645 mm • 1 heating plate support, long, 80 x 1005 mm For use with Thermopress EM II	1											
517 3554	Repair stand, with hoisting winch (manual) For use with Thermopress EM II	1			•								
517 5253	Extension cable, 2.5 m For use with Thermopress EM II	1											
517 4254	Repair stand, with hoisting winch (electrical) For use with Thermopress EM I and EM II	1											
517 7811	EM repair stand, electrically operated For use with Thermopress EM III	1											

Thermopress EM heating plate

Complete with heating mat and heating pocket

Ref. No.	Designation	Size [mm]	Qty	
517 6001	Thermopress EM heating plate No. 1 For use with Thermopress EM I, EM II	approx. 230 x 230	1	•
517 6025	Thermopress EM heating plate No. 2 For use with Thermopress EM I, EM II	approx. 330 x 330	1	•
517 6032	Thermopress EM heating plate No. 3 For use with Thermopress EM II, EM III	approx. 430 x 430	1	•
517 6252	Thermopress EM heating plate No. 4 For use with Thermopress EM II, EM III	approx. 530 x 530	1	•
517 6040	Thermopress EM heating plate No. 5 For use with Thermopress EM III	approx. 750 x 550	1	•

Thermopress EM heating mats

Ref. No.	Designation	Size [mm]	W	Qty	
517 5215	Thermopress EM heating mat size 1	190 x 190	350	1	•
517 5222	Thermopress EM heating mat size 2	265 x 265	450	1	•
517 5239	Thermopress EM heating mat size 3	365 x 365	800	1	•
517 5246	Thermopress EM heating mat size 4	450 x 470	1100	1	•
517 5260	Thermopress EM heating mat size 5	735 x 545	2000	1	•



517 5215



517 5239



517 5246

Thermopress EM heating pockets

Ref. No.	Designation	Size [mm]	Qty	
517 6207	Thermopress EM heating pocket size 1	230 x 230 x 18	1	•
517 5033	Thermopress EM heating pocket size 2	355 x 330 x 35	1	•
517 5040	Thermopress EM heating pocket size 3	455 x 430 x 35	1	•
517 6276	Thermopress EM heating pocket size 4	555 x 530 x 35	1	•
517 5961	Thermopress EM heating pocket size 5	810 x 645 x 35	1	•

Thermopress accessories

Ref. No.	Designation
557 8410	Square wrench SW 17
557 3219	Aluminium contour plate Specifications: Size [L x W x H mm] 250 x 250 x 2
557 8836	Aluminium contour plate, bent Specifications: Size [L x W x H mm] 250 x 250 x 2
557 3226	Aluminium contour plate Specifications: Size [L x W x H mm] 250 x 250 x 2
558 0288	Aluminium contour plate Specifications: Size [L x W x H mm] 500 x 500 x 2
517 1900	Aluminium contour plate Specifications: Size [L x W x H mm] 800 x 625 x 2
557 8410	Square wrench SW 17 For use with EM-I, EM-II, EM-III
558 0082	Locking pin For use with EM-I, EM-II, EM-III
557 3972	Electronic temperature controller, Fe-constantan For use with EM-I, EM-II, EM-III
557 4012	Digital timer 24 hours, from model 02/97 onwards For use with [DE] EM-I, EM-II, EM-III



Accessories



517 3554



517 4254



517 7811

EM repair stand

For easy handling of EM tyres during the repair process. Speeds up the positioning of the tyre in the EM machine and improves the safety at work.

Ref. No.	Designation	Qty	
517 3554	EM repair stand, with hoisting winch (manual) Total access to the tyre. Working height of the tyre is adjusted by specially geared hand crank. The roller bars allow easy rotation to the desired position and eliminate the risk of damage to the bead area. Castors enable convenient movement. Specifications: Loading capacity [kg] 600 Weight [kg] 250 Size [L x W x H mm] 1155 x 1280 x 2000 Tyre size [inch] max. 29.5-29	1	•
517 4254	EM repair stand, with hoisting winch (electric) Equipped with electric hoisting winch. Specifications: Loading capacity [kg] 1000 Weight [kg] 250 Size [L x W x H mm] 1150 x 1280 x 2200 Voltage [V] 230 / 50 Hz Tyre size [inch] max. 29.5-29	1	•
517 7811	EM repair stand, electrically operated Designed for the handling of large tyres. The tyre is lifted by a powerful hydraulic system. The rollers on which the tyre is positioned are driven electrically. Specifications: Loading capacity [kg] 4000 Weight [kg] 1200 Voltage [V] 380 / 50 Hz Tyre size [inch] max. 33.25R35 - 48/95R57 Size [W x D x H mm] 2000 x 2000 x 2600 Operating pressure [bar] 70	1	•

REMA TIP TOP PROFI workplace

The ideal workbench for the tyre specialist, which makes it easy for you to keep your things tidy. Saves you from wasting your time by unnecessarily searching for your tools. Includes illumination, zinc-plated work surface, 4 shelves and 2 multiple tool holders, multiple socket with on/off switch.

Ref. No.	Designation	Size [W x D x H mm]	Qty
517 4508	Workplace PROFI	1500 x 750 x 2200	1



517 4508

Cabinet for repair patches and materials

For storing patches, tools etc. Completes the PROFI workplace.

Ref. No.	Designation	Size [W x D x H mm]	Qty
517 4546	Cabinet for repair patches and materials, lockable Includes 4 shelves made of galvanized sheet steel.	950 x 400 x 1800	1



517 4546

Compressor

The decision whether to use a single-step or a two-step compressor depends the consumer with the highest pressure requirement. Single-step compressor are built up to 10 bar (145 psi), two-step compressors up to 15 bar (217 psi) highest overpressure. For an operating pressure up to 8 bar (114 psi), single-step compressors are sufficient, for higher pressure, two-step compressors are necessary.



Stationary rotor-compressor



Stationary rotor-compressor, vertical



Extruders



REMA TIP TOP Extruders

For quick filling when repairing or retreading light truck, truck and EM tyres. Can be used for cushion gum and tread stock qualities. Please observe the information on the average rubber throughput (in kilograms per hour).

Ref. No.	Designation	Electric power [V/W]	Rubber throughput [kg/h]	Operating pressure [bar]	Qty
517 7490	REMA TIP TOP Extruder NORMAL, pneumatic, 115V	115/550	18	5 - 8	1
517 7505	REMA TIP TOP Extruder NORMAL, pneumatic	230/550	18	5 - 8	1
517 7512	REMA TIP TOP Extruder GIANT	230/550	24	5 - 8	1
517 7615	REMA TIP TOP Extruder NAILHOLE, pneumatic, 115V	115/400	6	5 - 8	1
517 7608	REMA TIP TOP Extruder NAILHOLE, pneumatic	230/400	6	5 - 8	1
517 7529	REMA TIP TOP Extruder GIANT ELEKTRO, electro-hydraulic SERVICE series (REMA TIP TOP universal programme): For users who place special emphasis on efficiency in their vulcanizing workshops/tyre repair shops.	230/1200	30		1



517 7505



517 7512



517 7608



517 7529

REMA TIP TOP COMPOUND MASTER

The effective hand extruder for the easy processing of unvulcanized T2 COMPOUND in workshops or on site.

- Sturdy A.C. drive unit
- Shoulder strap included
- Self-cooling aluminium housing for extruder worm
- Safe material supply thanks to large feeding hopper
- Extruder worm specifically designed for the application of T2 COMPOUND
- Homogeneous mixture ensured by integrated mixing chamber
- Quickly exchangeable jet moulding nozzle to shape the extruded material

Ref. No.	Designation	Weight [kg]	Electric power [V/W]	Rubber throughput [kg/h]	Qty
517 5160	COMPOUND MASTER, 115V	8.5	115/1600	24	1
517 5150	COMPOUND MASTER, 230V	8.5	230/1600	24	1
Accessories:					
517 3592	Nozzle adapter set For use with COMPOUND MASTER (517 5150)				



517 5150

Accessories - REMA TIP TOP extruders

REMA TIP TOP offers you an extensive range of practical accessories for optimum use of your extruders.

Ref. No.	Designation	Weight [kg]	Size [H x W x L mm]	Content
517 3592	Nozzle adapter set For use with COMPOUND MASTER (517 5150)			
517 3736	Console For use with REMA TIP TOP extruders NORMAL, GIANT			
517 3767	Support balancer Adjustable from 6 to 8 kg. Tension jack with clipper. For use with REMA TIP TOP extruder, COMPOUND MASTER			
517 7402	Cleaning rubber For use with All REMA TIP TOP extruders	1	3 x 20 x 5500	5 rolls
517 7646	Sleeve for handle For use with REMA TIP TOP extruder NAILHOLE (517 7608)			
517 7622	Spare extruder part For use with REMA TIP TOP extruder NAILHOLE (517 7608)			



Accessories -
REMA TIP TOP Extruder



517 7402



Protecting, cleaning and caring



593 2276

Hand protection

SKIN PROTECT is a water-soluble, white, fat- and silicone-free protective cream for skin care, protecting the skin with an elastic non-skid coating. It protects from stubborn dirt, e.g. soot, tar etc., and is especially suitable for work such as tyre repair, preparation for bonding, painting etc.

Ref. No.	Designation	Content	Qty
593 2276	SKIN PROTECT For use with dispenser 593 2283	1000 ml bottle	1



593 2269

Hand care

SILK SKIN is a non water-soluble, silicone-free, slightly greasy protective skin-care cream with beeswax. High-quality vegetable oils complemented with moisture-regulating ingredients keep your skin smooth and elastic. Regular application after washing your hands supports the natural resistance and regeneration of the skin.

Ref. No.	Designation	Content	Qty
593 2269	SILK SKIN For use with dispenser 593 2283	1000 ml bottle	1



593 0254



593 2551

REMA TIP TOP cream soap

- Excellent cleaning effect with normal soiling
- Pleasant, unobtrusive smell
- Practical, reusable dispenser
- Easy refilling with exchange bottle

Ref. No.	Designation	Content	Qty
593 0254	REMA TIP TOP cream soap	1000 ml bottle	1
Accessories:			
593 2551	Dosing pump, for cream soap		1
593 2537	Wall-mounted dispenser, for cream soap		1



593 2537

G



593 0498



593 0450

Hand Cleaner SOFT

Contains lanolin and vegetable oil without additional solvents. Therefore extremely mild and gentle to the skin. Does not clog drains or outlets. Alkali-free and adapted to the pH of the skin. With citric acid to preserve the skins natural resistance. Extremely economical (approx. 2 g are enough).

Ref. No.	Designation	Division	Content	Qty
593 0498	Hand Cleaner SOFT		500 ml plastic can	12
593 0450	Hand Cleaner SOFT	1 or 33	11 l bucket	



Hand Cleaner SUPER

With orange fragrance, removes even the toughest dirt such as soot, paint, printing ink, tar, bitumen, underseal etc. Hand Cleaner SUPER cleans down to the pores, is easy to rinse off, does not contain sand and therefore will not clog drains or outlets.

Ref. No.	Designation	Content	Qty
593 0481	Hand Cleaner SUPER	4 l bucket	1
593 0443	Hand Cleaner SUPER	11 l bucket	1
593 0436	Hand Cleaner SUPER	120 l barrel	1
Accessories:			
593 0467	Hand Cleaner dispenser STANDARD		1



593 0481



593 0443



593 0467

Hand Cleaner TOP CLEAN

Cream type, efficient hand cleaner which does not attack the skin yet removes the toughest soiling from oil, grease, tar, resin, paint etc. Cleans with mild ingredients and very fine abrasive materials with no organic solvents. Contains no sand and therefore does not clog outlets or drains. Optimum skin protection when used together with SKIN PROTECT and SILK SKIN. Over 90% of the ingredients are biodegradable.

Ref. No.	Designation	Content	Qty
593 2001	Hand Cleaner TOP CLEAN	250 ml standing tube	1
593 2018	Hand Cleaner TOP CLEAN	5 l bucket	1
593 2025	Hand Cleaner TOP CLEAN	10 l bucket	1
Accessories:			
593 2063	Dispenser TOP CLEAN		1



593 2001



593 2018



593 2063

Accessories for hand care, protection and cleaning

Ref. No.	Designation	Content	Qty
593 2283	Wall-mounted dispenser For use with SKIN PROTECT (1000 ml), SILK SKIN (1000 ml)		1
593 5130	Hand brush	12	1
583 0170	Skin protection chart, tyres		1
583 0180	Skin protection chart, cars		1
593 0412	Hand cleaner dispenser STANDARD, universal For use with Hand Cleaner TOP CLEAN, Hand Cleaner SUPER		1



593 2283



593 0412



Mounting/Demounting



593 0591



593 0632



593 1765

REMA TIP TOP offers mounting pastes and creams for mounting all types and sizes of tyres. These mounting lubricants are developed in our own laboratories and tested in the field. They are specifically designed for the respective application areas and mounting conditions (tools, equipment, tyre/rim assemblies) to avoid costly damage during the mounting process.

UNIVERSAL mounting paste

For quick and easy mounting/demounting of all current tyre/rim combinations. Chemically neutral to rubber and metal, excellent lubrication for mounting and demounting operations = fewer injuries caused by tyre mounting. Prevents the tyre from slipping on the rim when rolling. Does not spatter on the vehicle body.

Ref. No.	Designation	Content	Qty						
593 0591	UNIVERSAL mounting paste	1 kg bucket	1	•	•	•	•	•	•
593 0601	UNIVERSAL mounting paste	3.5 kg bucket	1	•	•	•	•	•	•
593 0632	UNIVERSAL mounting paste	5 kg bucket	1	•	•	•	•	•	•
593 0625	UNIVERSAL mounting paste	10 kg bucket	1	•	•	•	•	•	•
593 1765	UNIVERSAL mounting paste, black	5 kg bucket	1	•	•	•	•	•	•



593 1332

MONTSEAL

During tyre mounting, this mounting paste durably seals minor leaks where the bead is seated on the rim. Proven tyre mounting paste with additional bead sealing properties: ideal for mounting retreads or tyres on old rims.

Ref. No.	Designation	Content	Qty						
593 1332	MONTSEAL	5 kg bucket	1	•	•	•	•	•	•

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593 0539

Mounting cream

Ref. No.	Designation	Content	Qty		
593 0539	Mounting cream W-EM Mounting cream for large EM tyres. Cream-type viscosity allows quick application to large areas. Good mounting/demounting properties. Stable viscosity.	5 kg bucket	1	•	•



DEMOUNTING FLUID

Demounting fluid with excellent flow properties for demounting tyres which are stuck on their rims.

Product properties:

- Demounted tyre stays completely serviceable
- REMA TIP TOP DEMOUNTING FLUID does not attack the rubber structure of the beads and is free from mineral oil
- Extremely economical

Caution: Because of its high lubricating effect, DEMOUNTING FLUID must not be used for tyre mounting. The tyre may slip on the rim when rolling!

Ref. No.	Designation	Content	Qty			
593 5541	DEMOUNTING FLUID	5 l can	1	•	•	•
593 5558	DEMOUNTING FLUID	10 l can	1	•	•	•
593 5565	DEMOUNTING FLUID	25 l can	1	•	•	•



593 5541

BEAD SEALER

Spreadable sealant for sealing leaks caused by ageing or wear on the beads. BEAD SEALER is applied to the bead and bead seat before the tyre is inflated. During inflation the solid matter contained in the solution is pressed into the uneven areas and seals them.

Safety instruction: As BEAD SEALER is flammable, do not use it to fill the tyre. Also do not use it to seal larger bead injuries caused during tyre mounting, cuts extending to the fabric etc.

Ref. No.	Designation	Content	Qty			
593 0807	BEAD SEALER	1 l bottle	1	•	•	•
593 0814	BEAD SEALER	5 l can	1	•	•	•



593 0807

TYRE COMPOUND

Can be used as a "flexible pump ring" for all tyre mounting operations. Stiff paste with stable viscosity to seal the gap between tyre bead and rim edge.

Ref. No.	Designation	Content	Qty						
593 5613	TYRE COMPOUND	10 kg bucket	1	•	•	•	•	•	•



593 5613



Accessories - Handling



593 0584



593 0618



593 1978

Mounting paste brushes

The flat brush is especially suitable for mounting low profile tyres. Brushes with round head do an excellent job for application of mounting paste.

Ref. No.	Designation	Dia. [mm]	Length of handle [mm]	Qty
593 0584	Special brush car	30	300	1
593 0618	Special brush truck, short	50	300	1
593 1978	Special brush truck, long	50	400	1
Accessories:				
593 1954	Brush head	30		1
593 1961	Brush head	50		1



593 0649

Talcum

Fine grain, asbestos free, for the mounting of tube tyres.

Ref. No.	Designation	Content	Qty
593 0649	Talcum	500 g can	10
593 0687	Talcum	25 kg in sack	1
593 0750	Talcum	50 kg in sack	1

Brushes for solutions

The thickness of the brush and the hardness of the bristles have a determining influence on the quality and economy of the coat of cement in the skive, on the inner liner and on the patch.

Ref. No.	Designation	Dia. [mm]	Width [mm]	Qty
595 0186	Brush, long bristles, natural fibre For use with All cements	40		1
595 4649	Brush top, with brush			1
595 8308	Special brush No. 10, with short fibre bristles For use with SPECIAL CEMENT BL, HR SOLUTION etc.	25		1
595 8315	Special brush No. 8, with short fibre bristles For use with SPECIAL CEMENT BL, HR SOLUTION etc.	35		1
595 9307	Special brush, specially short bristles For use with SPECIAL CEMENT BLX and paste	20		1
595 8322	Flat brush, short bristles For use with INNERLINER SEALER		25	1

595 0186

595 8308

595 8315

595 9307

595 8322

Tyre paint

Can be painted or sprayed onto retreaded tyres to give the appearance of a new tyre.

Ref. No.	Designation	Colour	Content	Qty
593 5084	REMA TIP TOP tyre paint, water-based	black	25 l metal bucket	1



593 5084

Cleaning tins

For preserving brushes and cleaning agents.

Ref. No.	Designation	Dia. [mm]	Qty
595 4508	Aluminium container, with brush top		1
595 4820	Sheet zinc tin, with brush and top		1
595 8298	Brush cleaning tin UNIVERSAL, with brush		1
595 8353	Brush, with screw top For use with Small cans such as e.g. 175 g tins		1
595 8346	Tin top, with brush holder For use with CFC-free solutions (650 g can), vulcanizing solutions (1 kg can)	50	1



595 4508

595 4820

595 8298

595 8353

Brush cleaner non-flammable (*EU version)

For cleaning and preventing brushes from drying out.

*Labeled in accordance with EU regulations cfc-containing products.

Ref. No.	Designation	Content	Qty
595 9023	Cleaning agent	800 ml tin	1
595 9085	Cleaning agent	5 l can	1
595 9092	Cleaning agent	10 l can	1
595 9061	Cleaning agent	200 l disposable barrel	1



595 8346

Brush cleaner, free of CFC/aromatic compounds

Prevents brushes from drying out. Cleans away cements, and rubber solutions.

Inflammable versions with CFC are available on request.

Ref. No.	Designation	Content	Qty
595 9118	Cleaning agent R4	250 ml tin	1
595 9149	Cleaning agent R4	500 ml spray can	1
595 9125	Cleaning agent R4	800 ml tin	1
595 9132	Cleaning agent R4	5 l can	1



595 9125



593 0120



593 0144

Spray bottles

For even distribution of liquids on surfaces.

Ref. No.	Designation	Content	Qty
593 0120	Spray bottle Not suitable for solvents. For applying liquid bead lubricant for industrial tyres etc.	0.5 l	1
593 0137	Spray bottle Not suitable for solvents.	1 l	1
593 0144	Spray bottle for compressed air Suitable for solvents. With nipple for compressed air supply. Can be used like a spray can.	0.5 l	1



Tyre sealant



593 1260



593 1277

Preventive tyre sealant for tube-type and tubeless tyres. Helps to avoid costs arising from the breakdown of expensive vehicles such as agricultural tractors. Reduces the risk of tyre failures due to slow air loss that often results from smaller punctures. Automatically seals punctures. Stays effective during the whole service life of a tyre. Affects neither existing tyre repairs nor the reparability of a tyre. Released for a maximum speed of 80 km/h. A detailed list of the quantities required for the respective tyre sizes is enclosed with the product.

TT SEAL XXL

The preventive tyre sealant for all pneumatic tyres. Avoids costly downtime of vehicles and equipment. Reduces the risk of slow air loss that often results from smaller punctures.

Product properties:

- Seals punctures up to 8 mm
- Easy introduction into mounted tyres
- Effective during the whole service life of a tyre
- Maintains the reparability of the tyre

Caution: Released for a maximum speed of 40 km/h.

Ref. No.	Designation	Content	Qty	Key	Truck
593 1253	TT SEAL XXL A detailed list of the quantities required for the respective tyre sizes is enclosed with the product.	30 l container	1	•	•
593 1260	TT SEAL XXL A detailed list of the quantities required for the respective tyre sizes is enclosed with the product.	60 l container	1	•	•
Accessories:					
593 1277	TT SEAL hand pump XXL, 100 ml/stroke		1		
593 1284	TT SEAL valve adapter VG12 to VG8		1		
583 1040	TT SEAL warning label		1		



Face protection

Safety goggles

The unique safety goggles for optimum comfort: Soft frame that fits snugly and also serves to absorb shocks; wide field of vision, adjustable side-pieces with locking mechanism, optimum ventilation. Easily exchangeable, convex lenses: scratch-resistant, resistant to chemicals, UV-absorbing, anti-static and anti-fog.

Ref. No.	Designation	Content	Qty
594 0700	Safety goggles MAXIMA 650		1
	Accessories:		
594 0710	Spare glasses	1 pair	1
571 9120	Box for safety goggles		1



594 0700



594 0740

Face protector

Adjustable head band with polycarbonate face protection without metal parts. Fits snugly, due to adjustable head straps, shockproof. Exchangeable extra-wide face shield made of transparent acetate which protects against solvents and other chemicals. Essential for garages and petrol stations when filling batteries with acids.

Ref. No.	Designation	Qty
594 0740	Face protector SUPERVIZOR	1
	Accessories:	
594 0750	Spare face shield	1



Hand protection

Working gloves

The best gloves for your protection!

Ref. No.	Designation	Colour	Size	Content	Qty
594 0010	Gloves, split leather	grey		1 pair	10
594 0020	Gloves, leather (pigskin)	yellow		1 pair	10
558 8709	Protection gloves, cotton, with knobs		9-10	1 pair	1
558 8716	Protection gloves, cotton, with knobs		10-12	1 pair	1
558 8723	Protection gloves, cotton, thin		8	1 pair	1
558 8572	Protection gloves, cotton, thin		10-12	1 pair	1
594 0790	Protection gloves, nitrile Washable, made of plastic-laminated cotton tricot, no perspiration, resistant to oil, acids and lacquers.	yellow	8	1 pair	10
594 0800	Protection gloves, nitrile Washable, made of plastic-laminated cotton tricot, no perspiration, resistant to oil, acids and lacquers.	yellow	9	1 pair	10
594 0810	Protection gloves, nitrile Washable, made of plastic-laminated cotton tricot, no perspiration, resistant to oil, acids and lacquers.	yellow	10	1 pair	10
595 1453	Cutting protection glove, for right- and left-handers			1	1



594 0010



594 0020



558 8709



558 8723



594 0790



595 1453

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