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Белгород (4722)40-23-64
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Рязань (4912)46-61-64
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Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
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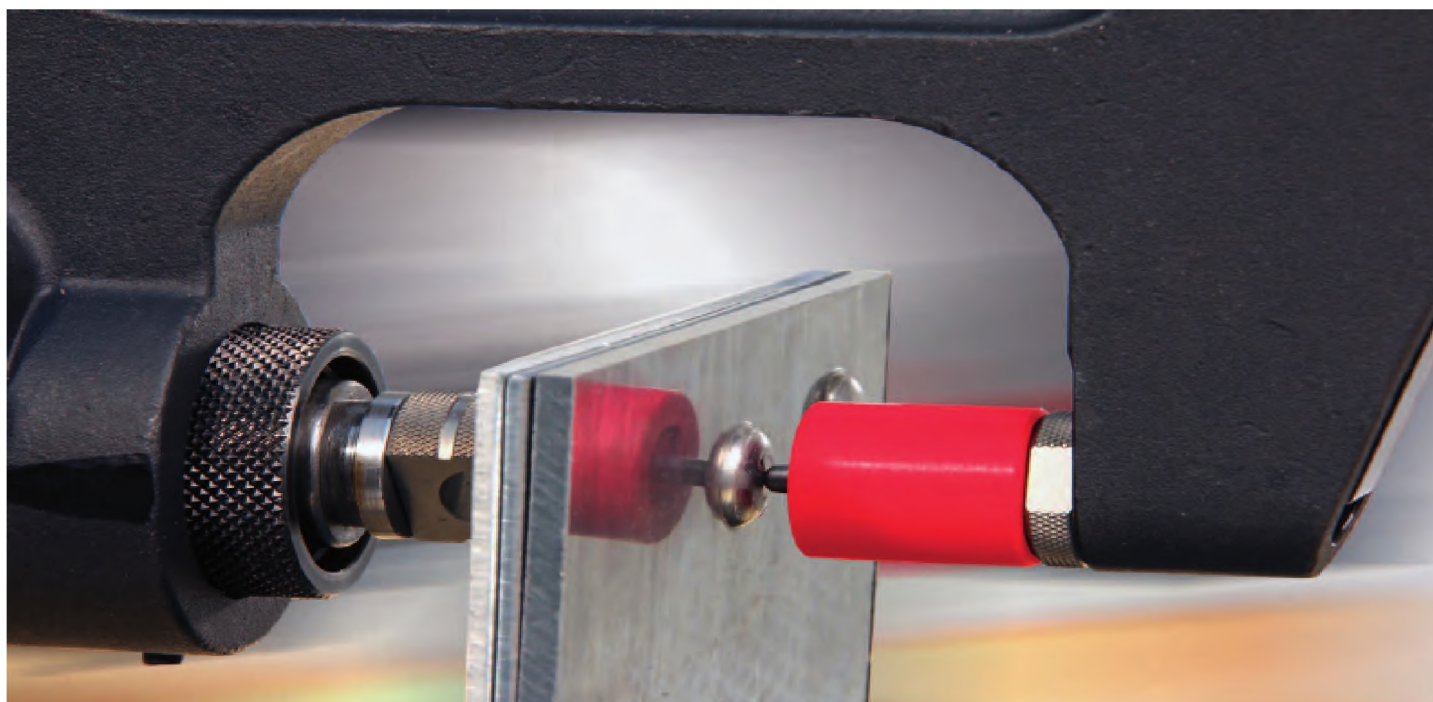
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КАТАЛОГ

Professionelle Karosserie-Spezialwerkzeuge Professional Body Shop Tools

Профессиональные кузовные специнструменты
Профессиональные инструменты для кузовных работ



Index



Body Saws pneumatic / Plasma Cutter

Body Saw WPS 2000 / WPS 2010 / WPS 3000 / Saw Blades
 Plasma Cutter WS 40i / Accessories & Spare Parts

Page
 1
 2

1



MIG-Brazing Welding Machines / Airpuller AP95 / Smart Repair / Dent Removal Systems

Accessories InvertaPuls IP8 & IP10 / Torches / Spare parts 3-4
 InvertaPuls IP6 & IP6-2 / IM 240-i / Accessories / Welding auxiliary means 5-9
Welding wire / WorkStation WS20 / Airpuller AP95 10-18
 Beulenfix / Line Puller / DS 20 / Dent Removal gear / Plastic Repair Kit 17-20
 Alu Pull Kit AK98 / Stud Welding System BSP 03 21-24

3



InvertaSpot GT Spot Welding Machine

AUTOMATIC

InvertaSpot GT-C with Transformer Gun 25
 Accessories / GT-Airpuller AP95 / Single Sided Welding Gun / X-Transformer Gun 26-28
 C-Electrode Arms / Tip Holder C-Arms / Electrode Tips Ø 16mm 29-31
 X-Electrode Arms / Accessories Single Sided Gun / ElectrodeTips Ø 13mm 31-34

4



Metal Sheets & Hand Tools / Vice Grips / Punches- & Swaging Pliers

Powerbird / Taurus 4 / Rivet Head Cutter / Sliding Hammer 35-36
 Bi-Puller / Maxlift / Mity-Bite Clamps / Pulling Clamps / Dent Pulling Hammers 37-41
 Dolly Wedges / Heavy Spoons / Auto Body Files / Hard Metal Scrapers 42-44
 Aluminium and Steel Filler / Round Brushes / Dusters 45-48
 Vice Grips / Clamps / Pulling Clamps / Rolling and Flanging Tools 46-48
 Temporary Fastener / Dolly Set / Molding wedges / Punches & Swaging Pliers 49-50

5



Spot weld remover / Drill & Miller Bits / Pneumatic Tools

Vario Drill WS90 / BTR Drill Bits / Rivet Drill Bits / Special Drill Bits 51-54
 Drilling Tool BWZ100 / Laser Cutter LC04 / Spotle II / Axial Grinder 55-57
 Hard Metal Millers / Grinding Discs / Air Rubber pneum. 58
 Belt & Angle Grinder / Security Vacuum Exhauster 59
 Air Tools - Pneumatic Tacker / Pistol Die Grinder / Drilling Machines 60
 Accessories Pneumatic Tools / Air Reducer 60

6



Modular & Adaptable Riveting Systems

XPress 800 / Service Kit / Trolley 61
PushPull Riveting Tool 62
 C-arms / PushPull Add-On Kit 63
 Blind Rivet Adapter BR20, BR50 & BRN 50 64
 Tool Boxes RS-03, RS-04, RS-05, RS-06, RS-07 65
 RivBox / Self-Piercing-Rivets / Blind Rivets / Blind Rivet Nuts 66
 Multi-Heating Pad-System **FlexiTherm** 67



















7



Gas Burner / Tinning / Gluing / Measuring / Car Window Removals Mounting Aid / Working Protection / Rack Systems / Tool Trolleys

Hot Air Dryer / Gas Burner Power Jet / Lead Free Tinning 68-70
 Accessories Tinning / Cutting Wire for Glas Removal / Aluminium Filler / Glue Guns 70-71
Roll Out 2000 / Suction Holder / Auto-Messfix / Profile Gauges 72-74
 Assembling Tools / Fix Magnets / Protection Blankets 75-76
 Welding Helmets / Face- and Ear Protector / GÖJAK Trolleys 77-78
 UltraRack / SuperStand / X-Stand / Body-Shop Manager / Mega-Stand 78
 Tool Trolley with Back Board / Tool Trolley R230 / Tool Trolley Basic 79

8

Item N°	Description	
120010	Body saw WPS 2000 pneum.	
124065	Upgrade piston Kit WPS 2000	
124059	Filter for WPS 2000	
120030	Body Saw WPS 3000 pneum.	
124027	tool holder complete WPS 2000/3000	
120040	Pneumatic file WPF 3000	
Bi-metal saw blades WPS 2000/3000		
197000	Saw Blade 14tpi (min. quantity 10 pcs.) for wood, aluminium, composites, plastic	
197001	Saw Blade 18tpi (min. quantity 10 pcs.) for narrow radiuses in metal and plastic	
197002	Saw Blade 24 tpi (min. quantity 10 pcs.) for double and triple metal sheet up to 4 mm	
197004	Saw Blade 28tpi (min. quantity 10 pcs.) for thin and double metal sheet and aluminium up to 3 mm	
197003	Saw Blade 32tpi (min. quantity 10 pcs.) universal saw blade for thin metal sheets and high-strength steels up to 1 mm	
197040	File halfround	
197041	File round	
197042	File triangular	
197039	File set 3 types	
120050	Body saw WPS 4000	
Bi-metal saw blades WPS 4000		
197025	Saw Blade M42-10 tpi - 100 mm for aluminium composites, plastic, 6 mm max.	
197026	Saw Blade MPM-18 tpi - 100 mm for high-strength steels, 4 mm max.	
197027	Saw Blade TCT-18 tpi, 90 mm for ultra high-strength steels ≤ 2 mm	
197024	Saw Blade M42-10 tpi - 130 mm for aluminium composites, plastic, 6 mm max.	

Article Group 1



Plasma Cutter

Item N°	Description	
Special Saw Blades		
197010	Diamond saw blades with W+S retainer	
197020	Saw blade tungsten	
197005 197006	Saw blade 24 tpi, CP version Saw blade 32 tpi, CP version	
		Plasma Cutter
171005	Plasma-Cutter WS 40i	
<i>Spare Parts and Consumables for Plasma Cutter WS 40i</i>		
177001	Short electrode 10 pcs.	
177002	Long electrode 10 pcs.	
177003	Cutting nozzle 0,8mm "short" 10 pcs.	
177005	Cutting nozzle 0,8mm "long" 10 pcs.	
177006	Outer nozzle "short" 2 pcs.	
177007	Outer nozzle "long" 2 pcs.	
177008	Guide conduct WS40i	
194000	Pressure reducing valve	
637103	Mini oiler 1/4" for air tools	
174004		
<i>Spare Parts and Consumables for Plasma Cutter WS 40</i>		
174010	Cutting electrode for WS 40 5 pcs	
174012	Cutting nozzle for WS 40 5 pcs	
174014	Shield cap for WS 40	
174015	Swirl ring for WS 40	

Article Group 3

Welding torches

Item N°	Description	
<i>Accessories and Consumables</i>		
Welding torch SBT 154 G - InvertaPuls IP 8 / IP 10		
332215	Welding torch SBT 154G,4m Ø 1,0 mm	Steel
332216	Welding torch SBT 154G,4m Ø 0,8 mm	Steel
332217	Welding torch SBT 154G,3m Ø 1,0 mm	Steel
332218	Welding torch SBT 154G,3m Ø 0,8 mm	Steel
332219	Welding torch SBT 154G,3m Ø 1,0 mm	ALU
337120	Nozzle Ø 0,8 mm for SBT154G	10 pcs.
337121	Nozzle Ø 1,0 mm for SBT154 G	10 pcs.
337122	Nozzle Ø 1,2 mm for SBT154 G	10 pcs.
337100	Torch body	SB/SBT 154G
337103	Gas spreading element for	SB/SBT 154G
337106	Teflon liner 4m	SB/SBT 154G
337107	Teflon liner 3m	SB/SBT 154G
337125	Gas nozzle (with clamping ring)	SB/SBT 154G
Welding Torch SBT 307 G - InvertaPuls IP 8 / IP 10		
332201	Welding torch SBT307G 3m/steel 0,8 mm	steel, for wire wheel Typ 25/4
332202	Welding torch SBT307G 3m/steel 0,8 mm, DV 26	steel, for wire wheel Typ 26
332210	welding torch SBT307G 3m/Alu 1,0 mm	Aluminium, for wire wheel Typ 25/4
332211	Welding torch SBT307G 3m/Alu 1,0 + 1,2 mm; DV 26	Aluminium, for wire wheel Typ 26
332212	Welding torch SBT307G 3m/Alu 1,2 mm	Aluminium, for wire wheel Typ 25/4
<i>Accessories and Consumables</i>		
337115	Nozzle Ø 0,8 mm/M8 for SBT 307 G	10 pcs.
337116	Nozzle Ø 1,0 mm/M8 for SBT 307 G	10 pcs.
337117	Nozzle Ø 1,2 mm/M8 for SBT 307 G	10 pcs.
337101	Torch body	SB/SBT 307G
337106	Teflon liner 4m	SBT 307G
337107	Teflon liner 3m	SBT 307G
337104	Gas distributor	SB/SBT 307G
337102	Gas spreading element (ceramic)	SB/SBT 307G
337126	Gas nozzle screwable ring	SB/SBT 307G
337142	Plastic conductor, red, 3 m	universal
337143	O-ring for plastic conductor	

Item N°	Description	
<i>Spare parts / consumables</i>		
337130	Ceramic gas nozzle size 8 for TIG torch	
337310*	Tension sleeve 2.4mm TIG torch	
337311*	Housing for tension sleeve SR17 2,4mm TIG torch	
337312*	Cap SR17 long for TIG torch	
Wire wheels Type DV 25/4 InvertaPuls IP 8 / IP 10 / PU280A		
337209	Wire wheels Ø1,0mm steel 2 pcs.	
337210	Wire wheels Ø0,8mm steel 2 pcs.	
337211	Wire wheels Ø1,0mm ALU 2 pcs.	
337212	Wire wheels Ø1,2mm ALU 2 pcs. (wire wheels 25/4 with 1 inlet nozzle and 1 drain tube)	
<i>Spare parts</i>		
337140	Inlet nozzle ALU DV 25/4	
337141	Drain tube ALU DV 25/4	
337145	Inlet nozzle steel DV 25/4	
337146	Drain tube steel DV 25/4	
Wire wheels Type DV 26 InvertaPuls IP 8 / IP 10		
337213	Set wire wheels steel 0,8 + 1,0 mm - DV26 (2)	
337214	Set wire wheels ALU 1,0 + 1,2 mm - DV26 (2) (wire wheels 26 without inlet nozzle and without drain tube)	
Wire wheels V1 for welder IM 240-i und IP 6		
337215	DV-Rolle Stahl 0,6 + 0,8 mm - (2 St.)	
337216	DV-Rolle Stahl 0,8 + 1,0 mm - (2 St.)	
337217	DV-Rolle ALU 0,8 + 1,0 mm - (2 St.)	

Item N°	Description		
331007	InvertaPuls IP 6-2 ACT 3 x 400V Pulse-Arc welder with connection for 2 torches steel and stainless steel welding Aluminium (AlMg, AlSi) / TIG (WIG) welding MIG-brazing (CuSi3, AlBz8, CuAl8) wire fill welding / electrode welding Supplied with roller wheels, handle and bottle holder (for one bottle) consisting of 2 x set of wire feed rolls for steel 0,8 / 1,0 mm, 1 x set of wire feed rolls for alu 1,0 / 1,2 mm 1 x torch 3G, 3m with black handle 1 x torch 3G 3 m with blue handle 1 x earth cable, 1 x double valve, 1 x manual		
332007	InvertaPuls IP 6-2 ACT 3 x 230V <i>same scope of delivery as art N° 331007</i>		
308110	Torch for steel 3m blue handle	3G	
308111	Torch for aluminium 3m black handle	3G	
Spare parts 3G-torch			
307010	Gas nozzle conical	3G	
307011	Gas nozzle cylindrical	3G	
307012	Splash guard for gas nozzle	3G	
307013	Gas distributor	3G	
307014	Clamp sleeve for gas nozzle	3G	
337173	Handle with torch holder for IP6/IP6-2		
308107	Torch for aluminium 3 m ALU 1,0/1,2 mm with red handle	MB24	
308109	Torch 3 m PA-cable core with blue handle	MB24	
308108	Torch 3 m ALU 1,2 mm with red handle	MB26	
307044	Gas nozzle conical	MB26	
307045	Nozzle for aluminium Ø 1,0 mm M6 x 25	10 pcs.	
307046	Nozzle for aluminium Ø 1,2 mm M6 x 25	10 pcs.	
307050	Nozzle for aluminium Ø 1,0 mm M6 x 28 (for MB26 and 3G torch)	10 pcs.	
307051	Nozzle for aluminium Ø 1,2 mm M6 x 28 (for MB26 and 3G torch)	10 pcs.	
307052	Nozzle Ø 0,8 mm M6 x 28 (for MB26 and 3G torch)	10 pcs.	
307053	Nozzle Ø 1,0 mm M6 x 28 (for MB26 and 3G torch)	10 pcs.	

Item N°	Description	
331000	<p>InvertaPuls IP 6 ACT. Pulse Arc, 3 x 400 V Pulse-Arc welder steel and stainless steel welding Aluminium (AlMg, AlSi) / TIG (WIG) welding MIG-brazing (CuSi3, AlBz8, CuAlB) wire fill welding / electrode welding Supplied with roller wheels, handle and bottle holder Torch Type MB15 3m / set wire wheels Ø 0,8+1,0mm earth cable with clamp</p>	
331006	<p>InvertaPuls IP 6-2 ACT 3 x 400V Pulse-Arc welder with connection for 2 torches steel and stainless steel welding MIG-brazing (CuSi3, AlBz8, CuAlB) wire fill welding / electrode welding Supplied with roller wheels, handle and bottle holder(for one bottle) consisting of 2 set of wire feed rolls for steel 0,8 / 1,0 mm, 1 torch MB15 3 m with teflon inlay Ø 1,0 mm with red handle 1 steel torch MB15 3 m with steel inlay Ø 0,8 mm with blue handle 1 x earth cable, 1 x double valve, 1 x manual</p>	
332006	<p>InvertaPuls IP 6-2 ACT 3 x 230V same scope of delivery as art N° 331006</p>	
311045	<p>Accessories InvertaPuls IP 6 / IP 6-2 Adapter set for 2nd gas bottle</p>	
311043	<p>Magnetic holder for MIG torch</p>	
337220	<p>Set wire wheels steel Ø 0,8 + 1,0 mm</p>	
337221	<p>Set wire wheels ALU Ø 1,0 + 1,2 mm</p>	
337142	<p>Plastic wire conductor, red, 3 m for ALU</p>	
337107	<p>Teflin liner blue 3 m</p>	

Item N°	Description	
341290	<p>MIG-MAG IM 240-i single phase 220/240V Welder with inverter technology Content of delivery: 1 x Welder with rollers 1 x Torch MB 15 3m for steel 0,8 mm 1 x Earth cable 4m</p>	
341276	<p>InvertaMIG IM 200 - 3 x 400 Volt; 50/60Hz 4 wire wheel drive,14 steps for precise adjustment Welding power 200 Ampere max. Delivery: set wire wheels 0,8 mm for steel Incl. Accessories Torch SB 154G, 3 m, Ø 0,8 mm, plastic wire conductor</p>	
	<p>Wire wheels Type DV 26 IM 200</p>	
337213	<p>Set wire wheels steel 0,8 + 1,0 mm - DV26 (2 pcs.)</p>	
337214	<p>Set wire wheels ALU 1,0 + 1,2 mm - DV26 (2 pcs.) (wire wheels 26 without inlet nozzles and without drain tube)</p>	
337142	<p>Plastic wire conductor, red, 3 m for ALU</p>	
337107	<p>Teflon liner blue, 3 m, SBT 154 G</p>	
374415	<p>Earth clamp without cable</p>	
304053	<p>Earth clamp with cable 5 m</p>	
		TIG-Welder
331050	<p>TIG-welding machine WS TIG 210, 230 V consisting of: 1 x TIG torch SR26 4 m 1 x Earth cable 4 m</p>	













Article Group 3

Welding torch type MB 15 / MB 24

Item N°	Description		
Torch Type MB15 / MB24			
308103	Torch kit steel 3m	MB15	
308104	Torch ALU 3m, blue handle	MB15	
308106	Torch ALU 3m, red handle	MB15	
308105	Torch kit steel 3m	MB24	
Spare parts			
307020	Swan neck M8	MB14	
307021	Swan neck M10	MB15	
307022	Swan neck flexibel	MB15	
307025	Gas spreading element Ø 17m	MB24	
307030	Gas distributor (142.0003)	MB24	
307031	Gas distributor	MB15	
307034	Spring	MB14/MB15	
307033*	Nozzle Ø 0,8 mm 10 pcs.	MB15	
307035	Nozzle Ø 0,8 mm M8 x 25 10 pcs.	MB15	
307036	Nozzle Ø 1,0 mm M8 x 25 10 pcs.	MB15	
307037	Nozzle Ø 0,8 mm nickelad 10 pcs.	MB15	
307038	Nozzle Ø 1,0mm 10 pcs.	MB24	
307045	ALU-nozzle Ø 1,0 mm M6 x 25 10 pcs.	MB24	
307046	ALU-nozzle Ø 1,2 mm M8 x 25 10 pcs.	MB24	
307050	ALU-nozzle Ø 1,0 mm M6 x 28 10 pcs.	MB28	
307051	ALU-nozzle Ø 1,2 mm M6 x 28 10 pcs.	MB28	
307040	Gas nozzle conical for torch	MB14/MB15	
307043	Gas nozzle conical for torch	MB24	
307047	Spot welding nozzle	MB14/15	
337107	Teflon liner 3 m	MB15	
337142	Plastic liner red 3 m for aluminium	universal	





Article Group 3

Welding accessories

Item N°	Description		
Accessories / Consumables and Test material			
311020	Torch spray Trennfix without silicone	400 ml	
311021	Protection paste for nozzles without silicone	400 g	
311050	Penetration test fluid Ardrox 9 ^o red	400 ml	
311051	Penetration test cleaner	400 ml	
311052	Developer fluid ARDROX 9D11	400 ml	
311060	Temperature strips 6 steps up to 160°C	10 pcs.	
311061	Temperature strips 6 steps up to 127°C	10 pcs.	
311062	Tempilstik red 100° C <i>lead and sulfur free</i>		
311063	Tempilstik green 204° C <i>lead and sulfur free</i>		
311064	Tempilstik yellow 400° C <i>lead and sulfur free</i>		
311065	Tempilstik blue 500° C <i>lead and sulfur free</i>		
311040	Nozzle cleaner set		
311041	Special pliers for welders (4 functions)		
581030	Body plier, hoof coating		
311042	Branch connection valve CO2 / Argon / mixed gas		
311044	Gas valve 1/4" for manometer CO2/Argon		



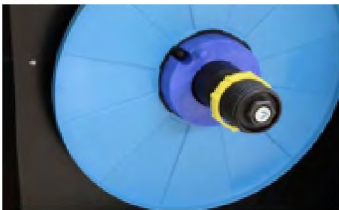

Article Group 3

Welding wires

Item N°	Description		
311001	Welding wire SG2	∅ 0,8 mm	15kg
311002	Welding wire SG2TIVB* (*bronze plated for zinc-coated metals)	∅ 0,8 mm	15kg
<i>D-200 Welding wire-coils (for IP6-2 welders)</i>			
311074	Welding wire SG2TIVB	∅ 0,8 mm	5kg
311075	Welding wire SG2TIVB	∅ 1,0 mm	5kg
311082	Welding wire SG2	∅ 0,8 mm	5kg
			
Type D200 coil			
311015	Welding wire Alu AlMg5	∅ 1,0 mm	7,0kg
311024	Welding wire AlMg5	∅ 1,2 mm	7,0kg
			
<i>D-200 Welding wire-coils (for IP6-2 welders)</i>			
311076	Welding wire AlMg5	∅ 1,0 mm	2,0kg
311077	Welding wire AlMg5	∅ 1,2 mm	2,0kg
			
311025	Welding wire Alu AlSi5	∅ 1,2 mm	7,0kg
311016	Welding wire AlSi5	∅ 1,0 mm	7,5kg
<i>D-200 Welding wire-coils (for IP6-2 welders)</i>			
311078	Welding wire AlSi5	∅ 1,0 mm	2,0kg
311079	Welding wire AlSi5	∅ 1,2 mm	2,0kg
			
311022	Welding wire Alu AlSi12	∅ 1,0 mm	7,0kg
311023	Welding wire AlSi12	∅ 1,2 mm	7,0kg
<i>D-200 Welding wire-coils (for IP6-2 welders)</i>			
311080	Welding wire AlSi12	∅ 1,0 mm	2,0kg
311081	Welding wire AlSi12	∅ 1,2 mm	2,0kg
			
311010	Welding wire NimoCro	∅ 0,8 mm	15 kg
311036	Welding wire NimoCro	∅ 0,8 mm	5,0kg
			
311017	Welding wire AlBz8/CuAl8	∅ 0,8 mm	15 kg
311037	Welding wire AlBz8/CuAl8	∅ 0,8 mm	5,0kg
311004	Welding wire AlBz8/CuAl8	∅ 1,0 mm	15 kg
311003	Welding wire AlBz8/CuAl8	∅ 1,0 mm	5,0kg
311028	Welding wire AlBz8/CuAl8	∅ 1,2 mm	15 kg
311027	Welding wire AlBz8/CuAl8	∅ 1,2 mm	5,0kg
<i>D-200 Welding wire-coils (for IP6-2 welders)</i>			
311072	Welding wire AlBz8/CuAl8	∅ 0,8 mm	5,0kg
311073	Welding wire AlBz8/CuAl8	∅ 1,0 mm	5,0kg
			
311018	Welding wire CuSi3	∅ 0,8 mm	15 kg
311019	Welding wire t CuSi3	∅ 1,0 mm	15 kg
<i>D-200 Welding wire-coils (for IP6-2 welders)</i>			
311070	Welding wire CuSi3	∅ 0,8 mm	5,0kg
311071	Welding wire CuSi3	∅ 1,0 mm	5,0kg










Article Group 3

Welding wires

Item N°	Description	
307002	Single piece coil adapter	
307003	Two piece coil adapter	
307004	Adapter for wire coil 	


Article Group 3









Work Station for dent pulling

Item N°	Description	
352000	<p>Work-Station WS 20 400V with Dinse connec.</p> <p>Delivery content:</p> <ul style="list-style-type: none"> 1 x Transformer WS 20 with Dinse connection 1 x trolley 1 x welding gun 1 x Sliding hammer 1 x accessory tray (incl. electrode for wavy wire) 10 x wavy wire 	
Accessories for Work Station		
351001	Airpuller AP95 Standard with Dinse connection	
351060	Maxlift with pulling claw (with 3 claws)	
502002	Sliding hammer 4kg + BI-Puller + coupling	
358060	Powerlift electrode with adapter for AP 95	
358118	Diamond file AP95, half round	
358400	Magnetic earth clamp, MC95	
358411	Earth extension-cabel 2m with screwed plug for MC95	
932325	<p>Airpuller AP95 & Trafo 400V SET 2</p> <p>consisting of:</p> <ul style="list-style-type: none"> 1 x 358118 diamond file 1 x 297013 tips/quick hammer , 15 pieces 1 x 351001 Airpuller AP95 1 x 351080 multi-slide hammer Dinse 1 x 353007 transformer 1 x 357002 electrode set 5+1 St. 1 x 358030 trolley for AP95+Trafo 	

Article Group 3







Accessories Work Station WS 20

Item N°	Description		Image
507031	Wavy welding rods	50 pcs.	
507040	Magnetic holder for wavy welding rods		
507035	Electrode for wavy welding rods		
561190	Vice grip for wavy welding rods		
521201	File with handle - coarse 1 medium		
521203	File with handle - coarse 3 fine		
521230	Body file (wooden) half round		
521231	Body file (wooden) straight		
358037	Sliding hammer 1,5 kg for WS 20 and single sided welding gun of spot welder		
501033	Head part for tripple sheet metal (M14), SAH		
501034	Hook for washers (M14), SAH		
<i>Consumables for Work Station WS 20</i>			
297013	3 pinted tips for pulling hammer	15 pcs.	
297009	Washers DIN 125	100 pcs	
357002	Pin electrode set AP 95 (5 x steel + 1 x copper)	8 pcs.	
357022	Electrodes 35mm for Powerlift short version	4 pcs.	
357023	Electrodes 85mm for Powerlift long version	3 pcs.	

Item N°	Description	
351001	Airpuller AP95 Standard with Dinse connection	
Accessorial tools for Airpuller AP 95		
351080	Multi-Slide-Hammer with Dinse connection	
358030	Trolley for transformer and Airpuller (delivery <u>without</u> Airpuller and transformer)	
358000	Accessory tray for Workstation WS20 equipped	
353007	Transformer 400V with Dinse connection (Voltage adaptable to 230V)	
352011	Set Airpuller AP95 + Trafo 230V	
352012	Set Airpuller AP95 + Trafo 400V	
Spare parts Transformer AP95		
354301	Electronic board for transformer, System B from serial no. 50000	
354197	Copper cable socket	
358400	Magnetic earth clamp MC95	
358411	Earth cable extension 2m	
Spare part for magnetic earth clamp		
354400	Contact bushing magn.earth clamp MC95	
358410	Earth cable 2 m , Dinse DIX SK 35 for AP95 / M3 / M6	

Article Group 3

Accessories Airpuller AP 95

Item N°	Description	
358401	Magnetic earth clamp - large	
354050	Earth electrode for magnetic earth (large)	
351070	Welding gun for WS 20, Dinse connection	
297107	Carbon electrode Ø 10mm for welding gun WS 20	
497014	Electrode for wavy welding rods	
497015	Contact piece for washers	
497017	Contact piece for shrinking	
497019	Contact piece for T-pin	
497021	Contact piece for pin 2-2,5 / 4 mm	
497023	Contact piece for pin 5 + 6 mm	
		Powerlift
351050	Powerlift with power electrode for AP95	
	 <p><i>example of use</i></p>	
358060	Power electrode for AP95	
357022	Electrode 35mm for Powerlift short version	
357023	Electrode 65mm for Powerlift (long version	










Article Group 3

Accessories Airpuller AP 95

Item N°	Description		
351080	Maxilift with pulling claw		
<i>Spare parts for Maxilift + Powerlift</i>			
354105	Rubber plate		
354110	Handle		
358050	Pulling claw (with 3 claws)		
504076	Hook for pulling claw Maxilift / Bi-Puller		
358200	Magnetic clamp for Maxilift/Powerlift		
			
358118	Diamond file (half round) for electrodes AP95		
<i>Consumables for Airpuller AP 95</i>			
357000	Pin electrodes AP 95	5 pcs.	
357001	Copper electrode		
357002	Electrode set (5 x pin electrodes + 1 x copper electrode)	6 pcs.	
507035	Universal electrode for wavy wire		
507030	Wavy wire	10 pcs.	
507031	Wavy wire	50 pcs.	
297009	Washers DIN 125	100 pcs.	

Article Group 3

Beulenfix / Line Puller

Item N°	Description	
371004	Beulenfix Set including: sliding hammer art. No. 371002 1000 welding studs Ø 2,0 art. No. 377000	
372001	Welding gun Beulenfix	
371002	Sliding hammer for Beulenfix	
<i>Consumables Beulenfix</i>		
377000	Welding studs Ø 2,0mm	1000 pcs.
377001	Welding studs Ø 2,6mm	1000 pcs.
Linepuller		
821102	Line-Puller Set 1250 including: 1 x Aluminium traverse with straight feet 1 x Pulling hook with 2 claws 1 x Pulling hook with 3 claws 1 x Pull rods set 4 pcs., Ø 8 mm 2 x Suction holder 1 x Gauging unit	
821010	Welding bits straight with oval hole 800g (+/- 110 pcs.)	
821011	Welding bits twisted with oval hole 800g (+/- 110 pcs.)	
507034	Contact piece for welding eylet	
351010	W+S hand puller Set cpl.	
<i>Consumables Handpuller</i>		
354055	Thin tip electrode for rapid spot	















Article Group 3

Dent removal system DS 20

Article N°	Description		
381000	DS20 comp. in plastic case		
 			
381001	DS20 Basis version in carton box		
<i>Accessories and consumables DS 20</i>			
387000	Pulling spindel ZP1-ZP5 , Set	5 pcs.	
387001	Pulling spindel ZP1 standard	5 pcs.	
387002	Pulling spindel ZP2 round	5 pcs.	
387003	Pulling spindel ZP3 small	5 pcs.	
387004	Pulling spindel ZP4 sperical	5 pcs.	
387005	Pulling spindel ZP5 oval	5 pcs.	
			
387013	Special glue stick yellow	25 pcs.	
387014	Special glue stick black	25 pcs.	
			
388001	Teflon chisel		
388002	Plastic scraper		
			
388010	Marker black		
388012	Marker white		
384006	Refill for marker, black (10pcs.)		
384007	Refill for marker, white (10pcs.)		
			
388020	W+S glue remover	30 ml	
388021	W+S paintwork cleaner fluid	30 ml	
			
388030	Hot glue gun		
			
388040	Planishing lamp with magnetic base		
388042	Planishing lamp with suction base		
			
<i>Spare parts DS 20</i>			
384002	Wing nut for stiffening plate		
384003	Stiffening plate		
384004	Rubber plate for stiffening plate		
384005	Wing nut for stiffening plate		
388050	Plastic case for DS20		














Article Group 3

Dent removal hand gears

Article N°	Description		
391400	W+S dent removal kit of 30 pieces in alu case		
980460	Dent removal course 2 days training - please ask for more details		
Dent removal hand gears			
391150	Dent removal No 1	L 675 mm, Ø 12 mm	
391152	Dent removal No 2	L 460 mm, Ø 10 mm	
391153	Dent removal No 3	L 770mm Ø 9.5mm	
391154	Dent removal No 4	L 795 mm, Ø 7 mm	
391155	Dent removal No 5	L 450 mm, Ø 8 mm	
391156	Dent removal No 6 with rolled tip	L 585 mm, Ø 6,5 mm	
391157	Dent removal No 7	L 520 mm, Ø 7 mm	
391158	Dent removal No 8	L 695 mm, Ø 5 mm	
391159	Dent removal No 9	L 440 mm, Ø 7 mm	
391151	Dent removal No 10	L 430 mm, Ø 5 mm	
391161	Dent removal No 11	L 430 mm, Ø 5 mm	
391162	Dent removal No 12	L 320 mm, Ø 7 mm	








Article Group 3

Dent removal hand gears

Article N°	Description		
391163	Dent removal rod No 13	L 210 mm, Ø 5 mm	
391164	Dent removal rod No 14	L 210 mm, Ø 5 mm	
391165	Dent removal rod No 15	L 210 mm, Ø 5 mm	
391166	Dent removal rod No 16	L 220 mm, Ø 4 mm	
391167	Dent removal rod No 17	L 220 mm, Ø 4 mm	
391168	Dent removal rod No 18	L 200 mm, Ø 5 mm	
391169	Dent removal rod No 19	L 200 mm, Ø 3mm	
391160	Extension chain with S-hooks		
391129	Roof strap		
391127	Nylon punch		
39128	Air wedge		
391034	Window protector		
581101	Molding wedge No 1		

Article Group 3

Smart Repair











Article N°	Description		
391300	Plastic repair kit complete with case		
<i>Accessories Plastic repair kit</i>			
394010	Welding nozzle		
394012	Heat protection disc		
394014	Reduction nozzle 9mm		
<i>Consumables for Plastic repair kit</i>			
397010	Plastic welding rods suitable for all thermo plastics	20 pcs.	
397015	Wire mesh, stainless steel 110 x 150 mm	10 pcs.	
			Hot Stapler
821110	Hot Stapler plastic repair kit		
821111	Repairing cramp U-Form 0,8 mm	100 pcs.	
821112	Repairing cramp U-Form 0,8 mm	100 pcs.	
821113	Repairing cramp V-Form 0,8 mm	100 pcs.	
821114	Repairing cramp W-Form 0,6 mm	100 pcs.	
821115	Repairing cramp W-Form 0,8 mm	100 pcs.	
821116	Repairing cramp set U-0,6+0,8/V-0,8/W-Form 0,6+0,8	5x100 pcs.	

Article N°	Description		
361000	Alu-Pull-Kit AK 98 for alu stud welding consisting of: 1 x Control unit AK98 / 230V 1 x Welding gun AK98 ALU 1 x Stud holder 4 mm 1 x Alu studs 4 x 15 mm (100 pcs) 2 x Earth cables 1 x wrench 1 x Metall case 3 x pulling rods 3 x pulling washers		
Accessories and spares for AK 98			
368001	Welding gun AK 98 ALU		
368002	Welding gun for steel studs Ø 3-8mm		
368005	Special adapter for VW-AUDI welding gun		
368060	Universal stud clamping piece		
351060	Maxilift with triple pulling claws		
368104	Contact adapter M4		
368105	Contact adapter M5		
368106	Contact adapter M6		
Consumables for Alu Pull Kit AK 98			
368040	Pull washers M4	10 pcs.	
368043	Pull washers M4	3 pcs.	
368050	Pulling rod V2A 160mm .	3 pcs.	
368020	Side cutting pliers		
Studs and pulling rods			
367015	Studs Alu M4x15mm	100 pcs.	
367016	Studs Alu M4x15mm	1000 pcs.	
367030	Studs Alu T5x10,5mm	100 pcs.	
367035	Studs Alu T5x15,5mm	100 pcs.	
367040	Studs Alu T5x25 mm	100 pcs.	
367045	Studs Alu M6x12mm	100 pcs.	
367050	Studs Alu M6x16,5mm	100 pcs.	
367080	Pulling rods Steel 4x35mm	200 pcs.	
367081	Pulling rods Steel 4x35mm	500 pcs.	
367085	Pulling rods V2A 4x35 mm	200 pcs.	













Article Group 3

Stud welding unit BSP 03

Article N°	Description		
341001	BSP 03 stud welding system 3x400V Including: 1 x Stud welding unit BSP 03 1 x stud welding gun BSP 03 2 x earth cable complete 1 x stud holder for studs Ø 6 x 40mm, V2A - SA 1 x wrench 17-17 for stud holder 500 x studs V2A-SA Ø 6 x 40 mm 1 x trolley 1 x Gas hose <i>supply without gas hose</i>		
571000	W+S rivet gun 1ph 220/240 Volt 50-60 Hz		
<i>Spare parts rivet gun</i>			
578102	Li-Ion Ladegerät 14,4 V 230 V 50 Hz		
578103	Li-Ion Powerakku 14,4 V /2,8 Ah		
Accessories BSP 03			
341003	Flamable Set		
347004	Pyrosil-Primer GP 15	50 ml	
347005	Pyrosil MGK - refill	27,5 g	
348010	Trolley for BSP03		
671001	Belt grinder		
677001	Grinding paper for belt grinder	10 pcs.	
628005	Center punch		
341007	Rivet head drill for BSP 03 6,4 x 70 mm	5 pcs.	
311042	Pressure reducing device CO2/Argon/mixed gas		
194000	Pressure reducing valve		
637103	Mini oiler 1/4" for air tools		

Article Group 3

Accessories BSP 03

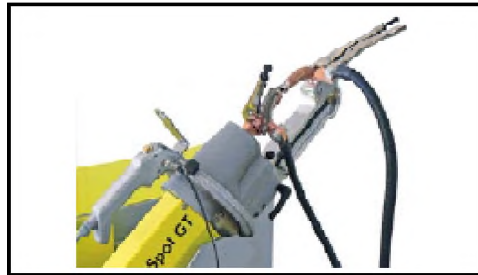
Article N°	Description		
<i>Spare parts and consumables for BSP 03 system</i>			
347001	Draw pins V2A-SA Ø 6x40mm	500 pcs.	
574000	Mouth piece for rivet gun Ø 10 and 14mm (3 pcs/each)	6 pcs.	
344002	Gas shroud for welding gun of BSP 03	2 pcs.	
344003	Fuse F1 0,4 A, slow for BSP 03		
344004	Fuse F2 3,15 A slow for BSP 03		
344005	Gun leg for welding gun of BSP 03	4 pcs.	
344006	Distance plate for welding gun of BSP 03	3 pcs.	
344007	Stud holder Ø 6 x 40mm for welding gun of BSP 03	3 pcs.	
344009	Gripping mechanism compl. for W+S rivet gun		
574005	Clamping jaws (6 pcs.) for gripping mechanism 344009	2 sets	

Item N°	Description	
471002	<p>InvertaSpot GT inclusive Automatic 400V Spot welder with C-transformer gun 3 m with C-arm size 1 and accessories consisting of 1 x Operation manual 2 x 474005 Balancer bar straight 1 x 474013 Balancer glbber 1 x 474015 Balancer ring 1 x 478060 balancer roller GT (cpl.) 1 x 498085 Spring balancer 9-15kg 1 x 474250 Set of allen key 1 x electrode caps 1 x 474017 Isolation strap with carabiner and metal ring 1 x 474085 support for cables 1 x 474007 set of wheels</p>	
473002	<p>InvertaSpot GT inclusive Automatic 200V Equipment and scope of delivery as item N° 471002</p>	
478170	<p>Software Upgrade Kit Semi-Automatic-Modus GT-V2 incl. Display 1 x front display 1 x SD cards with Software V2-3005 1 x Pair (2 pieces) Electrode caps Form A-32 1 x manual GT (V2) Semi-Automatic 1 x C-arms recommendation</p>	
497096	<p>Electrode tips Ø 16mm  Form A-32 6 pcs</p>	
478090	<p>Cooling water preparation kit consists of: 478092 corrosion prevention liquid 250 ml 478091 anti-freeze liquid 4000 ml</p>	

Article Group 4

Accessories InvertaSpot GT

Item N°	Description
351002	Airpuller AP95 - GT for C-transformer gun
351006	Airpuller AP95 - GT for X-transformer gun



478006	Single sided gun for GT C-gun with grip fixing 2,5 m - with accessory tray including 1 x 497014 electrode for wavy wire 1 x 497015 electrode for washers 1 x 297009 100 washers 1 x 297125 electrode caps for single sided gun 1 x 297106 copper electrode for single sided gun 12mm
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478001	Single sided welding gun for GT with C-gun WATERCOOLED - without accessory tray
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478007	Single sided welding gun for GT with X-gun 2,5 m - with accessory tray (as above)
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475012	Vice grip with SK-22 holder (hexagonal bar for welding cable)
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475013	Vice grip with D-25 support (round bar for earth cable)
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478055	Water separator GT compl. for InvertaSpot GT with proportional valve
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881510	Protector 12 V
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Info: Accessories for single sided gun page 37-38



Article Group 4

Accessories InvertaSpot GT

Item N°	Description	
478005	Protection cover for GT	
478080	Wheel broadening set for high vehicles consisting of: 1x post bar 630mm 1x belt strap 650mm 2x panels (boards) left/right	
478060	Balancer roller compl. <i>Info. included in the standard equipment</i>	
474017	Isolation strap with carabiner and metal ring <i>Info. included in the standard equipment</i>	
478090	Cooling water preparation kit consists of: 478092 corrosion prevention liquid 250 ml 478091 anti-freeze liquid 4000 ml	
498003	Electrode tip remover	
498007 498009	File electrode caps InvertaSpot File electrode caps for GT Automatic 	
817030	EUROPAX VE 500 ml	
497010	Electrode copper paste conductive VE 100 g	
298298	Emery sparge grit 60	
297300	Metal sheet V2A VE 100 St. 250 x 150 x 06 mm (for alu welding)	










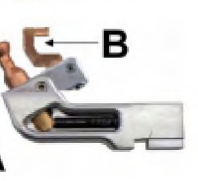




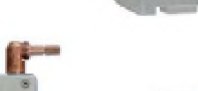



Article Group 4

Transformer Gun InvertaSpot GT

Item N°	Description	
474401	CS-transformer gun 400V, compl. incl. C-Aam size 1, cable 3000 mm, water cooled	
474402	X-transformer gun 400V, compl. incl. standard electrode arm, cable 3000 mm water cooled	
497110	Electrode tip kit for C-gun Ø 16mm, 16 pieces consisting of: 1 x 960162 accessory tray with 4 x 960500 electrode caps form A 4 x 960510 electrode caps form B 2 x 960530 electrode caps form E 2 x 960548 electrode caps spade form 2 x 960520 electrode caps form D 2 x 960550 electrode caps off center form	
478110	Lateral handle <i>not included</i>	
478010	Set for handle enlargement to turn the handle 360° - for C-gun only	
474085	Cable holder GT	
		<i>Info: included in the standard equipment</i>


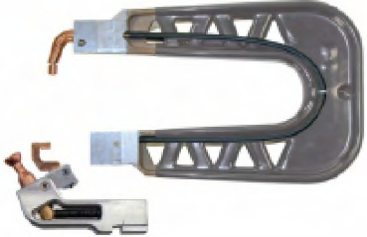







Article Group 4

C-electrode arms InvertaSpot GT

Item N°	Description		
495620	C-gun electrode size 1 with electrode, 16er tip - standard arm plastic jacketed	70 x 150mm	
495606	Electrode set - 90° angle for C-gun electrode size 1, 16er tip	70 x 150 mm	
495622	Tip holder 121mm for E-arm 495606		
495623	Tip holder 28mm for E-arm 495606		
495607	Extended electrode size 7/90° for C-gun electrode size 1, 16er tip	150 x 150mm	
495693	Boltscrew for extended electrode 495608 (spare part)		
495694	O-ring for screw studs	3 pcs.	
495645	Electrode set size 9 / 38° for C-gun electrode size 1, 16mm tip	150 x 150mm	
495646	Electrode extension size 9-38° (without tip holder) for C-gun electrode size 1, 16mm tip		
495602	C-gun electrode size 2 for wheel arch A + B		
497070	Electrode size A for C-gun size2		
497071	Electrode size B for C-gun size2 (electrode tips Ø 13 mm)		
497005	Electrode caps, radius 32, Ø 13, 6 pcs. Tips Form A	6 pcs.	
495604	Electrode set with rocker for wheel arch		
495613	C-gun electrode size 5 electrode tip 18mm (for back light)	150 x 70mm	
495611	C-gun electrode size 6 electrode tip 18mm	120 x 120mm	
495621	Tip holder 46 mm for C-gun size 6 tip diameter 16mm		
495650	C-gun electrode size 7 electrode tip 18mm	150 x 200mm	
















Article Group 4

C-electrode arms / tip holders

Item N°	Description		
495625	C gun electrode size 3 16mm tips plastic jacketed	150 x 450mm	
495630	C gun electrode SET consisting of size 2 + 3 16mm tips		
495615	C gun electrode size 4 with Ele 16mm tips and plastic jacketed	350 x 450mm	
 <p data-bbox="363 1133 778 1162"><i>example on how to change electrodes for size 4</i></p>			
<p>Tip holder for C-Arm size 4/16mm</p>			
495618	Set tip holder 170 mm C-Arm size 4/16er	2 pcs	
<p>Tip holder for C-Arm size 4/16er</p>			
495617	Tip holder 83 mm, C-arm Gr. 4/16er		
495619	Tip holder 170 mm, C-arm Gr.4/16er		
495616	Tip holder 260 mm, C-Arm Gr.4/16er		
495692	Tip holder support for C-Arm Gr.4/16er		
494040	Copper sealing ring M16 for electrodes and tip holder	2 pcs	

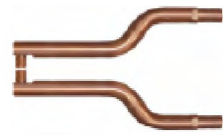









Article Group 4

Electrode tips Ø 16 mm / X-electrode arms

Item N°	Description			
Electrode tips for C-gun + X-gun 16mm diameter				
497079	Electrode tips Ø 16mm conical/flat	Form B 4 pcs.		
497081	Electrode tips Ø 16mm	Form E 4 pcs.		
497097	Electrode tips Ø 16mm R40	Form A-40 6 pcs.		
497085	Electrode tips Ø 16mm	Form D 4 pcs.		
497102	Electrode tips set GT Ø 16mm Form B + spade form short	2 pairs		
497076	Electrode tips Ø 16mm excentre	Form P 4 pcs.		
497105	Elektrode tips Ø 16mm for set 38° (Art-No.495646)	Form D/38° 6 pcs.		
497096	Elektrode tips Ø 16mm 	Form A-32 6 pcs.		
Electrode arms for X-transformer gun GT				
<i>water cooled</i>				
495820	Electrode set No. 69 straight (standard)		Ø 16 / 120 mm	
495065	Electrode set No. 68 for wheel arch (without water cooling)			
497040	Angle electrode for set No. 68			
497041	Elektrode Isolation tube Ø 14 mm for electrode set No. 68			
495815	Electrode set No. 67 pointed		Ø 16 / 260 mm	




















Article Group 4

Electrode arms for X-gun

Item N°	Description		
495805	Electrode set No. 66 for tips 16mm	260 mm	
495715	Electrode set No. 50 streight 90° 16mm tip holder	280 mm	
495740*	Electrode arm No. 59 angulated 16mm tip holder	280 mm	
495800	Electrode set No. 65 16mm tip holder	280 mm	
495750	Electrode set No. 51 streight 90° 16mm tip holder	420 mm	
495765*	Electrode arm No. 80 bendt 16mm tip holder	420 mm	
495082	Electrode set No. 72 Spedial edition for "Sprinter" and "Astra" for 13mm tips	120 mm	
497086	Electrode tips round for electrode set No. 72 for 13mm tips	VE 3 St.	
497009	Electrode tips short for set N° 73	3 pcs.	
497007	Electrode tips 24 mm long for set N° 74	6 pcs.	

Article Group 4

Accessories single sided gun

Item N°	Description		
478100	Dent removal set InvertaSpot GT consisting of: sliding hammer hook for U-discs + 100 U-discs head part for triple tips		
501025	Sliding hammer (M14) for single sided welding gun InvertaSpot GT		
501034	Hook for U-disc, M14		
501033	Headpart for triple tips, M14		
297013	Triple tips for dent pulling for sliding hammer and head part 501033	15 pcs.	
497025	Nut M8 x 15 mm copper plated	25 pcs.	
497015	Contact piece for washers		
497028	Washers, copper plated	100 pcs.	
297009	Washers DIN 125 (8x16)	100 pcs.	
497019	Contact piece for T-pin		
297031	T-pin 3 x 3,2 mm	100 pcs.	
297032	T-pin "VW" 3 x 4,5 mm	100 pcs.	
297033	T-pin 5 x 10 mm	50 pcs.	
497021	Contact piece for bolts 2/2,5 - 4 mm		
497023	Contact piece for bolts 5 - 6 mm		
497027	Bolts M4 x 15mm	50 pcs.	
297051	Bolts M5 x 18 mm	50 pcs.	
297061	Bolts M6 x 12 mm	50 pcs.	
297062	Bolts M6 x 20 mm	50 pcs.	
297052	Bolts TB-thread 5,5 x 14,2 mm	50 pcs.	

Article Group 4


Accessories single sided gun

Item N°	Description		
297053	Bolt TB thread 5,5 x 18 mm	50 pcs.	
297054	Bolt TB thread 5,5 x 25 mm	50 pcs.	
297055	Bolt TB thread 5,5 x 9,0 mm	50 pcs.	
497014	Electrode for wavy welding rod		
507031	Wavy welding rod	50 pcs.	
497017	Contact piece for shrinking		
297107	Carbon electrode Ø 9,5 mm	L 305 mm	
497026	Carbon electrode Ø 12 mm	L 150 mm	
297106	Electrode for single sided gun Ø	L 98,5 mm	
297121	Electrode tips straight Ø 12 mm	6 pcs.	
297275	Copper electrodes Ø 12mm	L 300 mm 2 pcs.	
478002	Accessory tray for single sided gun GT consisting of: 1 x 497014 Electrode for wavy welding wire 1 x 497015 Contact piece for washers 1 x 297009 washers 1000 pcs. 1 x 297125 electrode caps for single sided gun 1 x 297106 electrode for single sided gun		
497001	Electrode tips round Ø 13 mm	6 pcs.	
497004	Electrode tips spade form Ø 13 mm	6 pcs.	
497005	Electrode tips Form A R32 Ø 13 mm (for electrode set Nr. 66)	6 pcs.	
497006	Electrode tips 19,5 mm long Ø 13 mm	6 pcs.	
497007	Electrode tips 24mm long Ø 13 mm	6 pcs.	
497008	Electrode tips angular, R20 Ø 13 mm	6 pcs.	

Item N°	Description		
571101	Rivet Gun Powerbird with rechargeable battery		
Accessories			
578105	Gripping mechanism compl. for rivets		
932364	Gripping mechanism compl. for bolts for BSP 03 system		
578110	Special insert for Daimler		
578112	Powerbird-extension 100 mm + insert		
578115	Rivet pulling insert (for Powerbird) to extract punch rivets		
578103	Li-Ion Power accu 14,4 V /2,6 Ah		
578102	Li-Ion recharger 14,4 V 230 V 50 Hz		
574000	Mouth piece for rivet heads Ø 10 u. 14mm (3 pieces of each size)	8 pcs.	
571110	Rivet gun TAURUS 4 <i>pneumatic</i>		
578113	Extension 50 mm Taurus 4		
578114	Extension 100 mm Taurus 4		
<i>Spare parts Powerbird / Taurus</i>			
574006	Endpiece (standard for Powerbird)		
574014	Mouth piece 17/32 Powerbird/Taurus		
574015	Mouth piece 17/36 Powerbird/Taurus		
574016	Mouth piece 17/40 Powerbird/Taurus		
574017	Mouth piece 17/45 Powerbird/Taurus		
574018	Set clamping jaws (standard for Powerbird)		
574019	Set clamping jaws (standard for Taurus 4)		
531110	Rivet head cutter		
531111	Replacement Rivet head cutter		

Article Group 5

Sliding Hammer

Item N°	Description			
501040	Sliding hammer for 3-pointed tips Including: 1 x Sliding hammer, 1 x head part M10 for 3-pointed tips 5 x 3-pointed tips <i>Info: only for Invertaspot GT welders</i>			
478100	Sliding hammer Set Including: 1 x Sliding hammer M14 + 1 x hook for washers 1 x head part for 3-pointed tips 15 x 3-pointed tips + 100 x washers			
501025	Sliding hammer <i>Info: only for GT / WS 20 and Multispot</i>			
501031	Head part M 10 for 3-pointed tips			
501033	Head part M 14 for 3-pointed tips			
501032	Hook for washers M10			
501034	Hook for washers M14			
<i>Consumables - Sliding hammer</i>				
297009	Washers DIN 125	100 pcs.		
297013	3-pointed tips for Sliding hammer	15 pcs.		

Article Group 5

Bi-Puller

Item N°	Description	
501009	Bi-Puller with 9 claws	
502002	Sliding hammer 4kg + Bi-Puller and coupling	
501005	Sliding hammer with round hook 4kg	
<i>Spare parts</i>	504011 Round hook for sliding hammer 4kg	
504012	Hook nut for sliding hammer 4kg	
508021	Coupling for Bi-Puller to sliding hammer	
<i>Consumables Bi-Puller</i>		
507031	Wavy welding rod	50 pcs.
507030	Wavy welding rod	10 pcs.
Accessories Bi-Puller		
507040	Magnetic holder for wavy welding rod	
507035	Electrode for wavy welding wire	
561190	Vice grip for wavy welding wire	
Maxilift		
351060	Maxilift incl. Pulling claw	
<i>Spare parts</i>	354105 Rubber plate	
354110	Handel	
358050	Pulling claw (3-claws) for Maxilift	

Article Group 5

Sliding Hammer

















Item N°	Description	
511300	Sliding hammer with hook 5kg	
511301	Sliding hammer with hook, large 9 kg	
511310	Hook, extra hard	
511304	Sliding hammer pneumatic with 2 plates	
		Pulling Clamps
511311	Angle clamp 90°	
511312	Mity-Bite clamp - wide	
511313	Clamp with exchangeable jaws (extra hard type)	
511314	Mini - Bite clamp	
511315	Double clamp for sliding hammer	
511316	Mity-Bite clamp slim	
511317	Chain shorten device	
511325	Pulling device	
<i>Spare parts</i>		
514001	Conus for Mity-Bite clamp	
514002	Shaft screw and nut for hook	
514003	Screw set for Mity bite clamp	
514004	Winding nut	
514005	Exchange clamps complete with screws	

Article Group 5**Pulling Clamps**

Item N°	Description	
511420	Pulling clamp K210 small self tensioning	
511421	Pulling clamp K211 large self tensioning	
511422	Pulling clamp K 212 for two directions	
511423	Pulling clamp Mini K213	
511424	Pulling clamp K214 lateral - self tensioning	
511425	Chain lock K215	
511429	Holder for hook + pulling clamp	
501310	Pulling belt (nylon) 1200 x 80 mm	







Article Group 5

Chisel and Hammers

Item N°	Description		Image
511020	Bumping hammer 300g		
511021	Bumping hammer 400g		
511025	Gold work hammer		
511026	Finishing and grooving hammer		
511027	Wooden mallet N° 3	500g	
511023	Wooden mallet N° 2 - small	350g	
511028	Plastic hammer rebound free		
511029	Soft face hammer rebound free		
511030	Alu hammer		
511031	Soft face hammer Elastonal		
511032	Dolly hammer 3 springs		
<i>Spare parts</i>	514092 Insert for Dolly hammer		
514094	Spare handle Hickory wood		
511033	Single end planishing hammer		
511035	Twist hammer		
511039	Bumping hammer		

Article Group 5

Hammers

Item N°	Description	
511040	Locksmith hammer 300g	
512002	ALU planishing hammer Set 4 pieces	
512004	Aluminium dent removing dolly set 11 pieces	
		Chisel
511002	Body separation chisel	
512001	Body separation chisel incl. Hand protection	
518001	Hand protection for body separation chisel	











Article Group 5

Dolly Wedges

Item N°	Description	
511100	Dolly wedge (comma shape) upper part arched	
511102	Dolly wedge, V-notch shape 115 x 60 mm, hight 25 mm	
511103	Dolly wedge, hatchet shape 75 x 6 / 45 x 25 mm	
511105	Dolly wedge flat shape 160 x 60 x 25 mm	
511110	Dolly wedge toe shape 115 x 60 x 28 mm	
511111	Dolly wedge K-toe shape 120 x 60 m 28 mm	
511112	Dolly wedge universal 75 x 55 mm and 60 x 45 mm Height 57 mm	
511113	Dolly wedge half round 80 x 60 x 35 mm	
511114	Dolly wedge Diabolo shape Ø 60 mm, Hight 55 mm	
511117	Dolly wedge Daimler shape Lenghts 105 mm, wide 50 mm, Hight 50 mm	
511119	Dolly wedge W+S / P universal	

Article Group 5

Heavy Spoons and Pry Bars

Item N°	Description	
511220	Heavy spoon 150 mm x 50 mm	
511221	Heavy spoon 200 x 60 x 30 mm	
521102	Bumping blade	
511200	Pry bar and pumping spoon 200 mm long / 60 and 40 mm wide	
511201	Pry bar and pumping spoon 200 mm long / 60 and 40 mm wide	
511202	Pry bar, extra strong	
511204	Pry bar with round head nickel plated	
511206	Pry bar universal	
		Body file
561030	Bending pliers (especially for car body works)	
523222	Set of 6 files, in curling bag	












Article Group 5

Files / Shears / Scrapers

Item N°	Description	
521110	Dolly file, small, grid	
521201	File coarse 1. medium	
521203	File coarse 3. fine	
521210	Body blade with holder	
521230	Body file, wooden handle, halfround	
521231	Body file, wooden handle, straight	
521211	Body blade diagonal Z-2	
	<i>for Item N° 521210 and 521231</i>	
521212	Body blade radial Z-1	
	<i>for Item N° 521210 and 521231</i>	
521213	Body blade radial Z-2	
	<i>for Item N° 521210 and 521231</i>	
521214	Body blade radial Z-3	
521225	Body blade, halfround <i>for Item N°521230</i>	
		Hard metal scraper
531100	Sheet metal shear, left 260mm	
531101	Sheet metal shear, right 260mm	
932700	Door seal opener TFO 100	
932702	Spare blade for TFO 100	5 pcs. 
541001	Hard metal scraper 24 mm 3-edged	
547001	Spare blades for scraper 541001	
541005	Hard metal scraper 50 mm wide	
547005	Spare blades for scraper 541005	
541030	Manual deburring tool	
547030	Spare blades for deburring tool	

Article Group 5

Aluminium Plastic

Item N°	Description	
542050	W+S 2C Aluminium-filler 2-Components	
542051	Aluminium powder (for W+S 2C) 1 kg	
542052	Hardener liquid (for W+S 2C) 350 g	
542055	Steel-2-componets butty 2-C W+S	
542040	CBR 2109 filler for Alu and steel 200 ml incl. 3 mixing tubes	
542042	Mixing tubes 2132-MW1 for CBR 2109	
		
		Round brushes
541201	Round brush with shaft steel Ø 80 mm	
541202	Round brush with shaft steel Ø 75 mm	
541203	Conus brush 115 mm, wire 0,5 mm	
541210	Jar brush M14, 65mm, wire 0,5 mm	
541214	Round brush 38 x 6.5 mm, wire 0,3 mm steel - brass coated, thread M8	
541217	Round brush 100 x 10 mm, wire 0,3 mm steel - brass coated, thread M8	
541213	Steel clamping shank M 8 x 10 length 47 mm	











Article Group 5

Wire brushes / Dust brushes

Item N°	Description		
541212	Wire brush, manual, V-form stainless steel		
541211	Stainless steel wire brush		
541010	Scraper for undercoating		
541020	Scraper for undercoating (set)	4 pcs.	
541280	Duster 600 x 35 mm	10 pcs.	
541101	Round brush, long bristles G10		
541103	Flat brush G5		
541250	Flat brush. Nylon		
541290	Round brush size 2		
			Vice Grips
561150	Vice grip 112, straight jaws 5"		
561151	Vice grip 145, U-shape 12"		
561152	Vice grip 144		
561153	Vice grip 224		















Article Group 5

Vice Grips

Item N°	Description	
581154	Vice grip 111, curved jaws 10"	
581181	Vice grip Axial DW	
581182	Vice grip Axial DS	
581183	Vice grip Axial D	
581184	Vice grip Axial T	
581185	Vice grip Axial WS	
581230	Vice clamp No. 2 Length 30 cm	
581186	Micro Grip 2000, 10 cm long	
581190	Vice grip for wavy welding rods	
581191	Ergogrip	

Article Group 5

Rolling and Flanging Tools

Item N°	Description	
562055	Rolling and Flanging Tool RFW 2000 110/230V electric motor	
	 <p data-bbox="383 537 989 560">incl.</p> <ul data-bbox="383 571 989 683" style="list-style-type: none"> 1 x wheel house attachment 1 x RFW wheel house roll 1 x RFW shaping roll 1 x RFW final shaping roll S 	
567052	RFW wheel house roll	
567053	RFW shaping roll	
567054	RFW final shaping roll small	
567055	RFW final shaping roll large	
		Crimping tool
561020	Set of crimping tools, set of 3 pieces	
561015	Crimping tool size 1 narrow / narrow	
561016	Crimping tool size 2 broad / narrow	
561017	Crimping tool size 3 broad / broad	
561018	Crimping tool size 4 for wheel house narrow / short bended 90°	
561019	Crimping tool size 5	
561010	Set of crimping tools, set of 5 pieces consisting of size 1, size 2, size 3, size 4 and size 5	
561040	Pliers to remove door leaf	








Article Group 5











Dolly Set / Wedges

Item N°	Description		
577108	Temporary fastener Ø 2,5mm	20 pcs	
577104	Temporary fastener Ø 4,1 mm	20 pcs	
577109	Temporary fastener Ø 4,7mm	20 pcs	
577106	Temporary fastener Ø 6,0 mm	30 pcs	
577107	Temporary fastener Ø 6,35 mm	20 pcs	
582001	Dolly planishing set WS 93 compl. Set		
581001	Block for Dolly planishing set		
581002	Conical bar for Dolly planishing set		
581003	Universal cube for Dolly planishing set		
581004	Profile wedge for Dolly planishing set		
581101	Molding wedge white N° 1		
581102	Molding wedge extra wide N° 2		
581103	Molding wedge white with felt N° 3		
581104	Molding wedge gray N° 4		
581105	Molding wedge black N° 5		
581106	Molding wedge extra wide N° 6		
581100	Set Molding wedges consisting of N° 1 - N° 5		
581110	Set of scrapers / molding wedges		
581029	Clip-zip tool for door covering		

Article Group 5

Punch and Swaging Pliers
















Article N°	Description	
581001	Punch and swaging pliers Ø 5 mm manual	
581005	Swaging pliers flat shape	
581002	Pliers for oval punches 6 x 20 mm max. 1,5 mm sheets	
581090	Pneum. Punch and swaging pliers Ø 5mm	
581091	Pneum. Punch and swaging pliers Ø 6mm	
<i>Spare parts</i>		
584001	Piston for pneum. punch and swaging pliers	
584003	Punch for 6mm pneum. punch and swaging pliers	
581021	Manual punch Ø 5mm	
581022	Manual punch Ø 6mm	
581023	Swaging pliers, manual	
<i>Spare parts</i>		
584007	Punch Ø 5 mm for manual punching pliers	
584008	Punch Ø 6 mm for manual punching pliers	
584009	Matrix Ø 5 mm for manual punching pliers	
584010	Matrix Ø 6 mm for manual punching pliers	
584011	Bearing bolt for manual punch	
584012	Spare spring for manual punch	
584013	Allen screw M 3x3 for manual punching pliers	
584014	Allen screw M 4x4 for manual punching pliers	
584016	Distance collar Ø 5 / 6 mm for manual punch	
581025	Chain-tube cutter for tubes Ø 15 - 75 mm	

Item N°	Description	
601001	Vario Drill WS 90 with Variomatic spot weld remover <i>Treatment area: 95 x 35 mm</i>	
601009	Vario Drill WS 90 with Jumbomatic spot weld remover <i>Treatment area 140 x 85 mm</i>	
602001	Vario Drill WS 90 without Variomatic	
Accessories		
608020	Variomatic, WS 90 <i>Treatment area: 95 x 35 mm</i>	
608018	Jumbomatic, WS 90 <i>Treatment area 140 x 85 mm</i>	
608019	Jumbomatic, Daimler Version <i>Treatment area: 145 x 85 mm</i>	
608001	Centering support for VarioDrill WS90, V1 for rivets - with hard metal drill bit Ø 6,7x49mm <i>Art N° 627010 (attend page 57)</i>	
608002	Centering support for VarioDrill WS90, V2 for rivets - with hard metal drill bit Ø 6,7x49mm <i>Art N° 627010 (attend page 57)</i>	
194000	Pressure reducing valve reduces the incoming air pressure to max . 7bar	
637103	Mini oiler 1/4" for air tools	

Article Group 6

Drill bits




Item N°	Description		
607001	Drill bit VAPO Ø 8 x 44 mm 2-cutting edges		
607023	Drill bit TiCn Ø 8 x 44 mm 2-cutting edges		
607021	Drill bit VD 90 Ø 9 x 44 mm 2-cutting edges		
607011	Drill bit TIN-GOLD Ø 8 x 44 mm 2-cutting edges		
620200	Drill bit VARIANTIC Ø 8 x 44 mm, 3-cutting edges		
620205	Drill bit VARIANTIC Set Ø 8 x 44 mm, 3-cutting edges	5 pcs.	
620208	Drill bit VARIANTIC Ø 10 mm, 3-cutting edges		
620000	Drill bit BTR / BOR Ø 8 x 44 mm, 3-cutting edges		
620001	Drill bit BTR / BOR Ø 8 x 44 mm, 3-cutting edges		
620002	BTR / BOR drill bit set Ø 8 x 44 mm, 3-cutting edges	3 pcs.	
620005	Drill bit BTR / BOR Ø 9 x 44 mm, 3-cutting edges		
620008	Drill bit BTR / BOR Ø 10 x 44 mm, 3-cutting edges		
627020	Hard metal drill bit Ø 8 x 44 mm, 4-cutting edges		
627021	Hard metal drill bit Ø 9 x 44 mm, 4-cutting edges		
627022	Hard metal drill bit Ø 10 x 44 mm, 4-cutting edges		
620118	BTR / BOR drill bit set 7 pcs. consisting of: 2 x drill bit Ø 6,0 x 44mm 2 x drill bit Ø 8,0 x 44mm 2 x drill bit Ø 10,0 x 44mm 1 x centre punch		

Item N°	Description	
622003	<p>BOR / BTR / Variantic Starter - Kit consisting of: 3 x Variantic drill bits, 3-cutting edges, Ø 8 mm 1 x BTR / BOR drill bit, 3-cutting edges, Ø 8 mm 1 x BTR / BOR chisel (centering help) 1 x BTR / BOR Fluid 125 ml, cutting oil for drill bit</p>	
608012	<p>Extension VD 305 for Vario Drill WS90 length 305 mm</p>	
648007	<p>BTR / BOR Fluid 50 ml cutting oil for drill bit</p>	
628000	<p>BTR / BOR Fluid 125 ml cutting oil for drill bit Special oil - silicone free, reduces the friction during the cutting process - increases the life time of the drill bits</p>	
628008	<p>W+S special centering punch with two functions for rivets</p>	
628005	<p>UHSS-centering support 70 mm Ø 8 mm</p>	
932521	<p>Automatic centering punch</p>	
Drill bits for spot weld removal		
617001	<p>Drill bit VAPO Ø 7 mm</p>	
617011	<p>Drill bit VAPO Ø 8 mm</p>	
617014	<p>Drill bit TIN Ø 8 mm</p>	
617021	<p>Drill bit VAPO Ø 10 mm</p>	
607101	<p>Special cap miller 14 mm incl. 3 pcs. special caps</p>	
607110	<p>Replacement cap - type N</p>	
608010	<p>Extension 135 mm for Vario Drill drill bits</p>	
608011	<p>Extension 85 mm for Vario Drill drill bits</p>	

Item N°	Description			
611122	Drilling machine GTC-041B <i>pneum.</i> left/right running			
611005	Drill Professional RPM 1800. Weight 900g Length 195mm			
TIN drill bits with 2 cutting edges				
617220	Special drill bit TIN for rivets	Ø 4,1 mm		
617221	Special drill bit TIN for rivets	Ø 4,2mm		
617226	Special drill bit TIN for rivets	Ø 6,1 mm		
617227	Special drill bit TIN for rivets	Ø 6,5mm		
617228	Special drill bit TIN for rivets	Ø 6,7mm		
BTR / BOR Bohrer 3 cutting edges				
620010	BTR / BOR drill bit 3-edges	Ø 3,0mm		
620011	BTR / BOR drill bit 3-edges	Ø 3,2mm		
620012	BTR / BOR drill bit 3-edges	Ø 3,5mm		
620014	BTR / BOR drill bit 3-edges	Ø 4,0mm		
620015	BTR / BOR drill bit 3-edges	Ø 4,2mm		
620017	BTR / BOR drill bit 3-edges	Ø 4,8mm		
620018	BTR / BOR drill bit 3-edges	Ø 5,0mm		
620022	BTR / BOR drill bit 3-edges	Ø 6,0mm		
620024	BTR / BOR drill bit 3-edges	Ø 6,5mm		
620040	BTR / BOR drill bit SPECIAL	Ø 6,7mm		
620026	BTR / BOR drill bit 3-edges	Ø7,0 mm		
620028	BTR / BOR drill bit 3-edges	Ø7,5 mm		
620030	BTR / BOR drill bit 3-edges	Ø8,0 mm		
627010	Hard metal drill bit 3-edges, piston 8 mm	Ø 6,7 x 49 mm		
627005	Hard metal drill bit 3-edges, piston 8 mm	Ø 5,0 x 49 mm		
627001	W+S Drill Bit NK-2F 2-level drill bit for rivets	Ø 6,7 x 44mm		
617240	Countersink 120° with pilot ZT33			
617241	Countersink unit 100° with pilot 6,6 mm			
617243	Spare part countersink 100°			
617244	Spare part countersink 120°			
617245	Pilot 4,0mm (spare part) for countersink 120°			
617246	Pilot 6,3mm (spare part) for countersink 120°			
617247	Spare pilot 6,8 mm for countersink 100°			
617300	Sheet peeling drill bits (set) size 1, 2 and 3 + lubricant			
637004	Drill bit set 1,0-10,0/0,5 grade			

Article Group 6

Drilling Machine BWZ 100

Item N°	Description				
611110	Drilling machine BWZ 100, pneumatic Including one drill bit 620050, 50 ml BTR fluid, allen key, transport case and manual				
					
Consumables and accessories					
620050	Special drill bit for BWZ 100 Ø 6,7 mm; 48/11 mm	3 pcs.			
628005	UHSS-centering support				
932521	Automatic centering punch				
577107	Temporary fastener Ø 6,35 mm	VE 20 St.			
628000	BTR / BOR Fluid cutting oil silicone free cutting oil, reduces the friction during cutting process - increases the life time of the drill bits Lebensdauer des Werkzeuges.	VE 125 ml			
194000	Pressure reducing valve reduces the incoming air pressure to max . 7 bar				
637103	Mini oiler für neumatic tools, 1/4"				
Special accessory					
932410	Set of patterns for BWZ 100 (MB Typ C216 + W/V221)				
					

Item N°	Description	
640000	Laser-Cutter LC 04, compl. with case Including: 1 x 631003 grinder (yellow) 1 x 640005 Shaft 0,8 mm for 25mm cutting wheel 1 x 640010 Shaft 1,0 mm for 25mm cutting wheel 1 x 640025 Cutting wheel 25 x 4 mm 1 x 648010 clamp ring (aluminium) 1 x 648007 cutting oil 50 ml	
637117	Side milling cutter AluCut 40 x 4,4 mm consisting of: 2 x 637111 side milling AluCut 1 x 637112 shaft AluCut Ø6 mm	
Accessories		
640005	Shaft for cutting depth 0,8mm for 25mm cutting wheel	
640010	Shaft for cutting depth 1,0mm for 25mm cutting wheel	
640015	Shaft for cutting depth 0,8 mm for 40mm cutting wheel	
640020	Shaft for cutting depth 1,0mm for 40mm cutting wheel	
640025	Hard metal cutting wheel No 1 Ø 25 x 4 mm	
640030	Hard metal cutting wheel No 2 Ø 40 x 4 mm	
648007	BTR / BOR Fluid - cutting fluid VE 50 ml	
628000	BTR / BOR Fluid - cutting fluid VE 125 ml silicon free cutting oil, reduces the friction during cutting process - Increases the life time of the drill bits	
648000	Protective cover for 25mm cutting wheel	
648005	Protective cover for 40mm cutting wheel	
648015	Guide clamp for LC04	
642000	Accessory set 40er for Laser-Cutter LC 04 Including: 1 x Shaft cutting depth 0,8 mm / 40mm cutting wheel 1 x Shaft cutting depth 1,0 mm / 40mm cutting wheel 1 x Cutting wheel VHM Ø 40 x 4 mm 1 x protective cover for 40mm cutting wheel	

Article N°	Description	
611101	Spotle II TH-902 Spot weld remover	
620130	BTR / BOR drill bit Ø 8 x 39 mm 3-cutting edges	
617101	HSS Drill bit Ø 8 x 40 mm 3-cutting edges	
617111	HSS Drill bit Ø 8 x 40 mm 3-cutting edges	
617121	HSS Drill bit Ø 9 x 40mm 3-cutting edges	
Axial grinder		
611126	Angle grinder GTC-986 A2.0 <i>pneum.</i> RPM 20.000 Power 190 W Weight 1 kg	
631003	Angle die grinder (basis LC04) <i>pneum.</i> Weight 1 kg	
631001	Axial grinder RC <i>pneum.</i> RPM 20.000 Weight 0,7 kg Power 400 W	
631002	Axial grinder PK 3132 <i>pneum.</i> RPM 20.000	
637020	Disc holder for cutting discs 6,6 / 1-4mm	
637021	Cutting disc Ø 30mm 1,1 / 6mm	50 pcs.
637022	Cutting disc Ø 50mm 1,1 / 6mm	50 pcs.
637023	Cutting disc Ø 50mm 2,1 / 6mm	50 pcs.
637025	Set cutting discs and disc holder Including: 1 x disc holder 10 x cutting disc 30 mm 10 x cutting disc 50 mm	

Article Group 6

Hard metal grinder

Item N°	Description	
637001	Hard metal grinder conical small	
637003	Hard metal grinder conical large	
637002	Hard metal grinder round small	
637010	Miller cylinder for Aluminium	
637011	Miller round TCD for Aluminium	
637012	Miller conical TCK for Aluminium	
		Grinding disc
617080	Grinding disc CSD	
618011	Mounting unit for grinding disc CSD	
612010	Set of grinding discs CSD 2 x CSD-discs + mounting unit	
617082	Grinding disc HP-CSD	
618013	Adapter for grinding disc HP-CSD	
631030	Air Rubber AR 06 pneum. incl. 1 x rubber disc Ø 87 mm	
637050	Rubber disc for Air Rubber AR 06 Ø 87 mm	














Article Group 6

Grinding and Polishing

Item N°	Description		
637055	Grinding and cutting kit Ø 50 mm 15 pcs		
637058	Grinding and cutting kit Ø 115 mm 15 pcs		
661001	Rotation grinder RAS 115.04E 230V		
667017	Set of grinding discs for rotation grinder consisting of: 25 x P36, 25 x P50, 25 x P80, 50 x P120		
667018	Grinding discs P36. Ø 115mm	25 pcs.	
667019	Grinding discs P50. Ø 115mm	25 pcs.	
667020	Grinding discs P80. Ø 115mm	25 pcs.	
667021	Grinding discs P120 Ø 115mm	50 pcs.	
671001	Belt grinder, pneumatic		
677001	Grinding belts P80	10 pcs.	
677002	Grinding Belts P40	10 pcs.	
661005	Grinding Pad, flexibel for profiles		
932464	Safety vacuum cleaner class B1 / 230V with connection for Rotation grinder RAS 115.04E		
611121	Disc grinder GTC-412S pneum. RPM 4.500 Power 520 W Weight 2 kg Grinding disc Ø 178 mm		
611125	Angle grinder FX-8125 LA pneum. RPM 9.500 Power 745 W Weight 1,8 kg		






Article Group 6

Air Tools

Item N°	Description		
637037	Grinding disc for aluminium	10 pcs	
637038	Grinding disc for aluminium	25 pcs	
611124	Pistol die grinder S 317 5" pneum. RPM 16.000 Power 300 W Weight 1.2 kg		
637039	Supporting disc for sanding disc M14, Ø 115 mm		
637038	Sanding disc - grain 60	25 pcs	
637060	Ceramics sanding disc grain 60, Ø 50 mm	25 pcs	
637061	Ceramics sanding disc grain 80, Ø 50 mm	25 pcs	
637062	Ceramics sanding disc grain 120, Ø 50 mm	25 pcs	
			Accessories
697001	PDL-Liquid 200 ml	9 pcs	
698001	Special lubrication oil	1000 ml	
697002	Brass coupling 9 mm		
697003	Air nipple 1/4"		
698007	Air reducer 1/4" IG - thread		
637103	Mini oiler 1/4" for air tools		
194000	Pressure reducing valve max. 7 bar		

Group 7

XPress 800

Item N°	Description	
700000	<p>XPress 800 Basic Set Pneumatic-hydraulic system for riveting and pressing out self-piercing rivets Item supplied: Power Pack unit, cylinder SSC35/25, C-arm GC 80/40 Tool Box RS-03, transportation case, manual</p>	
700001	<p>XPress 800 Standard set incl. 3 C-arms Pneumatic-hydraulic system for riveting and pressing out self-piercing rivets Item supplied: Power Pack unit, cylinder SSC35/25, C-arm GC 80/40 C-arm GC 80/120, C-arm GC 140/240 incl. extension 93 mm Tool Box RS-03, transportation case, manual</p>	
700002	<p>XPress 800 Full Set Pneumatic-hydraulic system for riveting and pressing out self-piercing rivets Item supplied: Power Pack unit, cylinder SSC35/25, C-arm GC 80/40 C-arm GC 80/120, C-arm GC 140/240 incl. extension 93 mm Tool Box RS-03, Tool Box RS-04 Blind rivet adapter BR 20, BR50 and BRN 50 transportation case, manual</p>	
700334	<p>Service Kit Oil refill device consisting of: 700933 1 x Special oil pump (250ml) 700932 1 x connector 700582 1 x adapter 700934 1 x hose 6x4 mm 700935 1 x hose 8x5 mm 700102 1 x Hydraulic oil HLP22 / 250ml</p>	
700010	<p>XPress Trolley body shop trolley for tool systems XPress 800 and FlexiTherm</p>	

Group 7

XPress 800 Push Pull

Item N°	Description	
700003	<p>XPress 800 Push Pull MB 1 Unique riveting tool with pullback cylinder Clamping force 90 tons Item supplied: Power Pack, Pullback Cylinder PP 90, C-arm GC 80/40 Tool Box RS-07, Carrying Case, User's guide</p>	
700004	<p>Push Pull Upgrade Kit for XPress 800 riveting tool Item supplied: PushPull cylinder Tool Box RS-07 User's guide</p>	
700006	<p>XPress 800 Push Pull MB 2 Unique riveting tool with pullback cylinder Clamping force 90 tons Item supplied: Power Pack, PushPull cylinder, C-arm GC 80/40 C-arm GC 80/120, C-arm GC 140/240 Tool Box RS-07, Carrying Case, User's guide</p>	
700005	<p>XPress 800 Push Pull MB 3 Unique riveting tool with pullback cylinder Clamping force 90 tons Item supplied: Power Pack, PushPull cylinder, Blind rivet adapter BR20 Blind rivet adapter BR50, Blind rivet nut adapter BRN50 C-arm GC 80/40, C-arm GC 80/120, C-arm GC 140/240 Extension 60 + 93 mm, Tool Box RS-07, Tool Box RS-04, Carrying Case, User's guide</p>	

Group 7

XPress 800 - Module

Item N°	Description	
700009	Push Pull add-on kit for self-piercing-rivets	
700050	XPress 800 Power Pack	
700105	PushPull cylinder	
700060	Cylinder SSC 35/25	
700070	C-arm GC 80/40	
700071	C-arm GC 80/120	
700072	C-arm GC 140/240 incl. Extension 60 mm and 93 mm	
700080	C-arm set Item supplied: C-arm GC 80/120 C-arm GC 140/240 Extension piece 93 mm Extension piece 60 mm Carrying case	

Item N°	Description	
700100	Blind rivet adapter BR 20 incl. 17/32-17/36/17/40-17/45	
700101	Blind rivet adapter BR 50 incl. rivet bits - 6 pcs. 17/32-17/36/17/40-17/45 4,8B and 4,5B	
700150	Extension for BR50 - 100 mm	
700151	Extension for BR50 - 150 mm	
700204	Tool Box rivet bits - 4pieces 1 x rivet bit 3,2A 1 x rivet bit 3,6A 1 x rivet bit 4,0A 1 x rivet bit 4,5A	
700522	Rivet bit 4,8B - for RIBE blind rivets	
700523	Rivet bit 4,5B - for RIBE blind rivets	
700524	Rivet bit 3,2C for blind rivets - application area: car roof rail	
700525	Rivet bit 3,8C for blind rivets - application area: car roof rail	
700110	Blind rivet nuts adapter BRN 50	
700111	Set - Blind rivet nuts adapter BRN 50 incl. Tool-Box RS-04	
 700120 metric	 700121 self-lock	
700120	Tension bolt for riveting screws M8 M8 - metric thread	
700121	Tension bolt for riveting screws 6 mm Self-Lock-Thread 6 mm	

Group 7

Tool Boxes

Item N°	Description	Brand	Image
700200	Tool Box RS-03 9-pieces set	BMW	
700201	Tool Box RS-04 Tension bolts for blind rivet screw nuts M4, M5, M6, M8, M10 and M12		
700203	Tool Box RS-06 Set 11-pieces	JLR	
700202	Tool Box RS-05 Set 29-pieces	AUDI	
700205	Tool Box RS-07 Set 26-pieces	MB	

Group 7

Rivets XPress 800












Item N°	Description		
777281	RivBox - Rivets Assortment		
	item supplied:		
	Punch rivet 3,3 x 3,5 mm	100 pcs.	
	Punch rivet 3,3 x 4 mm	100 pcs.	
	Punch rivet 5,3 x 4 mm	200 pcs.	
	Punch rivet 5,3 x 5 mm	100 pcs.	
	Punch rivet 5,3 x 6 mm	100 pcs.	
	Blind rivet BMW 6,5 x 14 mm	20 pcs.	
	Blind rivet BMW 6,5 x 16 mm	20 pcs.	
	Blind rivet ALU 5 x 6 mm	40 pcs.	
	Blind rivet ALU 6 x 8 mm	25 pcs.	
	RIBE blind rivet 6,5 x 12,5 mm	10 pcs.	
	Flow form rivet ALU 5,6 x 8,1 A1	10 pcs.	
	Flow form rivet ALU 5,6 x 9,3 A2	10 pcs.	
	Flow form rivet ALU 5,6 x 10,6 A3	10 pcs.	
	Flow form rivet ST 5,6 x 8,1 S1	10 pcs.	
	Flow form rivet ST 5,6 x 9,3 S2	10 pcs.	
	Flow form rivet ST 5,6 x 10,6 S3	25 pcs.	
	Blind rivet screw nut ST M6 x 9 x 15,5	25 pcs.	
	Blind rivet screw nut ST M8 x 11 x 17	25 pcs.	
	Blind rivet screw nut ST M10x12x17,5		
	1 x W+S special center puncher 2F (for rivets)		
			
881031	Face Protect SHIELD		
777218	Punch rivets 3,3 x 3,5 mm	100 pcs	
777200	Punch rivets 3,3 x 4,0 mm	100 pcs	
777225	Punch rivets 3,3 x 5,0 mm	100 pcs	
777222	Punch rivets 3,3 x 6,0 mm	100 pcs	
777202	Punch rivets 5,3 x 4,0 mm	200 pcs	
777219	Punch rivets 5,3 x 5,0 mm	100 pcs	
777221	Punch rivets 5,3 x 6,0 mm	100 pcs	
777224	Punch rivets 5,3 x 6,5 mm	100 pcs	
777226	Punch rivets 5,3 x 7,0 mm	100 pcs	
777223	Punch rivets 5,3 x 7,5 mm	100 pcs	
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			



Item N°	Description		Image
701000	FlexiTherm cpl. With carrying case Multi-HeatingPad-System Item supplied: 1 x Control Unit 230/220V, 3 x Heating pads, 20 x fixing magnets 10 x Non adhesion paper, 1 x Adhesive tape (25 m) 1 x CD-ROM Control-Software 1 x USB cable hi-speed 5 m 1 x Carrying case, 1 manual		
701050	Non adhesion paper	50 pcs	
701055	Fixing Magnets	10 pcs	
701051	FlexiTherm FIX-Tape Adhesive tape for aluminium, glass etc.	25 m	
701052	FlexiTherm FIX-Tape Adhesive tape for aluminium, glass etc.	50 m	
542040	CBR 2109 filler for Alu and steel 200 ml incl. 3 mixing tubes		
542070	Starter-Kit FlexiTherm Item supplied: 1 x Tin-solder replacement TEROKAL 5010 TR; 175 ml 1 x Autobody glue TEROKAL 5055; 250 ml 6 x Mixing tube for Terokal 5010 and 5055		
701060	FlexiTherm - heating pad		










Article Group 8

Hot Air Dryer / Gas Burner

Item N°	Description	
801201	Hot air dryer Leister ST 230V 3400 W	
	 	
Gas Burner		
802001	<p>Propan torch gun complete consisting of:</p> <ul style="list-style-type: none"> 1 x wooden case 720103 1 x burner handle 808001 1 x torch 9 mm 808003 1 x Zyclon torch 18 mm 808005 1 x torch 808004 1 x gas bottle 808020 1 x quick release coupling 700001 1 x hook 884104 1 x filling connector 808027 1 x valve small 2 bar 7 kg DIN/Kombi 808022 1 x valve large 808023 1 x hose 2 m 4,4 mm 770021 	
802100	<p>Power Jet complete consisting of:</p> <ul style="list-style-type: none"> 1 x 801100 Power Jet with Zyklon torch 1 x 808020 Gas bottle 1 x 808027 refill adapter 	
801100	Power Jet with Zyklon-torch with Piezo igniter	
808100	Zyklon torch for Power Jet	
808001	Burner handle with Piezo igniter	
808003	Burner S bented (pointed flame)	
808004	Burner S bented (hot air)	
808005	Burner S bented (cyclone)	

Article Group 8

Accessories Gas Burner

Item N°	Description	
808020	Gas bottle 1000 ml	
808021	Connection valve for gas bottle	
808022	Regulator small for burner	
808023	Regulator large for burner	
808028	Protector for hose 2 bar	
808027	Filling connector for gas bottle	
808025	HD-Gas hose 3.0 m	
Tinning		
812005	<p>W+S tinning kit consisting of: 1 x 801100 Power Jet with cyclon torch 1 x 808020 Gas bottle (empty for Propan or Butan) 1 x 808027 Filling connector 1 x 811002 Tin work handle round, oiled 1 x 811003 Tin work handle small, oiled 1 x 811004 Tin work handle large, oiled 1 x 817003 tin paste Sn97Cu3, 1kg 1 x 817010 Pewter bar 25% tin, 1 kg</p>	
817010	<p>Pewter bars 25% tin</p> <p style="text-align: right;">1 kg <i>price on application</i></p>	

Article Group 8

Tinning and Alu Filler

Item N°	Description		
812010	Basis kit "lead free tinning" <i>price on application</i> containing: 2 x 817009 5 kg lead free tinning A604KA 1 x 817002 1 kg lead free tinning paste AP 644/12 1 x 817020 tinning wax 1 x 811002 tinning wood oiled, round 1 x 811003 tinning wood oiled, thin 1 x 811004 tinning wood oiled, broad		
817009	Lead free tinning A 604 KA	5 kg	<i>price on application</i>
812001	Tinning woods kit of 3 pieces		
811002	Tinning wood oiled, round		
811003	Tinning wood oiled, slender		
811004	Tinning wood oiled, broad		
817003	Tinning paste Sn97Cu3 Lead free suitable for leaded tin-solder	1 kg	
817002	Lead free tinning paste AP 644/12	1 kg	
817020	Tinning wax	1,3 kg	
542050	W+S 2C Aluminium filler 2-Components		
542051	Aluminium powder (for W+S 2C) 1 kg		
542052	Hardener liquid (for W+S 2C) 350g		
			

Article Group 8



Glue Guns

Item N°	Description	
831100	Cartridge pistol MR 50 for Belamade 2096 50 ml	
831101	Cartridge pistol EPX	
837101	Epoxyd adhesive DP490 black	
838115	Mixing nozzle EPX for 50 ml cartridges	
831106	Cartridge pistol VBM (MR) 200 for Belamade 2096, 200/215 ml	
831103	Cartridge pistol pneumatic Air Flow	
831105	Battery cartridge pistol ElectraFlow 230V incl. Accu-recharger	
831107	Poweraccu 12 V for Electra Flow	
831108	Accu-recharger for Electra Flow	
Pressofix		
838005	Battery charger SDF LG208 for Pressofix batteries <i>Info: Only for red coloured Pressofix batteries</i>	

Item N°	Description		
842010	Roll Out 2000 (Version 2004) Car window removing system cpl.		
	<i>Notice:</i> Please ask for our special Roll Out - catalogue which included the whole delivery programme!		
Accessories			
848023	Roll Out suction holder Ø 150mm Carrying capacity 45 kg	1 pair	
848068	Power Slide RO 2630		
848018	Applicators 130mm, non-fuzzing	100 pcs	
848059	Roll Out scraper set 12, 16 and 20 mm scraper blades		
848011	Replacement blade 12 mm	10 pcs.	
848012	Replacement blade 16 mm	10 pcs.	
848013	Replacement blade 20 mm	10 pcs.	
842015	Cutting wire Ø 0.75 mm	1500 m	
848008	Unroll device for cutting wire		
842011	Cord twine 7,0m - Roll Out 2000		
			
848074	Ersatzgummi Ø120 mm, kpl. neue Ausführung Drehhebel	Ø 120 mm	
848075	Ersatzgummi kpl. neue Ausführung Drehhebel	Ø 150 mm	

Article Group 8

Window Cutting Wire

Item N°	Description		
842001	Wire kit for windscreen removal		
841001	Cutting wire squared profile	50 m	
841004	Cutting wire squared profile A2	50 m	
848001	Wire feeding chisel		
			Suction holder
841020	Suction holder with 2 cups		
848045	Spare rubber cups Ø 120 mm		
841021	Alu suction holder with 1 cup		








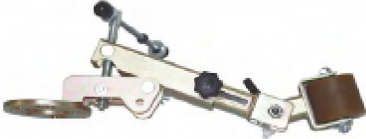

Article Group 8

Messfix / Gauges

Item N°	Description	
871001	Auto-Messfix measuring stick 920-2600 mm	
871002	Auto-Messfix measuring stick 415-935 mm	
871004	Auto-Messfix measuring stick 950-3200 mm	
871006	Auto-Messfix measuring stick 990 - 4000 mm	
Accessories Automessfix		
871007	Wooden case for Automessfix (up to 3200mm)	
871008	Witness for Messfix	
874020	Tip short straight	
874021	Tip short angular	
874024	Fixing screw for Messfix	
874026	Measuring tool long Audi/VW	
874027	Holder measuring tool Audi/VW	
		
871010	Gap-gauges set	3 pcs.
861020	Profile gauge 1m complete length of the pins: 85 mm measuring depth: 50 mm	
861001	Profile gauge plastic 25 cm measuring depth 45 mm length of the needles 105 mm	
861002	Profile gauge metal 15 cm length of the pins: 85 mm	
861003*	Metal profile gauge, 30 cm length of the pins: 105 mm	
871110*	X-Metric measuring system complete in Aluminium case	

Article Group 8



Assembling Devices

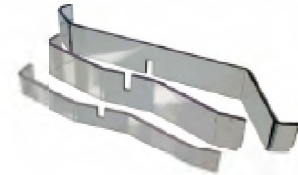
Item N°	Description	
881350	Assembly help for outside rear mirror	
881330	Plier for steel band clamps	
881320	Flexible magnetic stick	
881355	W+S WIPER Tool-Kit 2 pieces for remove wind screen wipers	
881310	Edge-trimming tool set for 3 applications	
511302	Universal door hinge straightener 570 mm long, weight 3,5 kg	
581025	Chain-tube cutter for tubes Ø 15 - 75 mm	
881300	Fold and bordering machine weight 9 kg	
881321	Assembly pliers ZMS-PK-3/4 for assembling flexible sleeves	

Article Group 8

Fix Magnets

Item N°	Description	
882055	Fix magnets, set of 4 pieces	
<i>Spare parts</i>		
881340	Magnet for Fix magnet	
881341	Handle for Fix magnet	
882057	Fixation clip, set of 3 pieces	
881345	Fixation clip flat	h 30 mm
881346	Fixation clip flat	h 50 mm
881347	Fixation clip deep	h 50 mm






















Protection Blankets

881001	Grinding protection blanket	3000 x 2500mm
881002	Grinding protection blanket	2500 x 1250mm
881003	Grinding protection blanket	2000 x 1500mm
881004	Grinding protection blanket	1000 x 1000mm
881005	Grinding protection for door	1000 x 1250mm
881011	Welding protection blanket	1000 x 1000mm
882001	Protection blankets, set consisting of Grinding protection 2500 x 1250 Grinding protection 2000 x 1500 Welding protection 1000 x 1000	
881220	Mobile weld protection curtains stand length 1.85 m	












Item N°	Description	
881047	Welding helmet WS07	
884042	Front protector glas for WS07	
884043	Inside protector glas for WS07	
884047	Button cell for WS07	
<i>Spare Parts for Translight ECO and Turbo Max welding helmet</i>		
884040	Filter cassettes for Translight ECO	
884041	Protection glas for Translight ECO (spare part) 10 pcs.	
884046	Protection glas for Speedglas helmet 10 pcs.	
884050	Athermal glasses A 11 DIN 90 x 110 mm 10 pcs.	
884051	Attachment glasses DIN+CE 90 x 110 mm 10 pcs.	
881034	Face and ear protector G500	
884034	Replacement visor for G500	
<i>Spare parts for face and ear protector type V40FH510A</i>		
884031	Replacement visor for 881030	
884032	Earmuffs for 881030	
884033	Spare:1 set hinges for helmet	
881031	Face protector PortectSHIELD	
881036	Welding leather gloves	
Automotive electronic		
881510	Protector 12V for automotive electronic	
881307	LED body shop lamp 3+5 1.800 LUX. 2100 mAh, 3,7 V	
881308	Cree Pen Light 4000 pocket lamp with 110 Lumen	

Article Group 8

GOJAK

Item N°	Description	
851000	Gojak 4500 max. 506 kg for wheels max. 500mm (21")	
851001	Gojak 5000 max. 550 kg for car wheels max. 230mm (13"-16")	
851002	Gojak 6200 right max. 705 kg	
851003	Gojak 6200 left max. 705 kg for car wheels max. 320mm (13"-19")	
851010	Transport trolley for 4 Gojak <i>(item supplied without Gojaks)</i>	
		Racks Systems
881104	Ultrarack Paint rack with 7 adjustable positions for doors, boot lid and bonnets (hoods)	
881103	Superstand Paint rack with 5 adjustable positions for bumpers, spoilers, front and rear valance	
881105	X-Stand Rack to put down and taxi of bumpers, spoilers, front and rear valance and car glass	
881100	Body shop manager	
881106	Mega Stand Just-in-time parts deposits rack	
881107	Bumber Stand Mobile deposit system for bumpers (max. 8 pcs.)	

Item N°	Description	
881200	Trolley 1000 x 620 x 860 mm Weight 125 kg	
881201	Trolley 1000 x 620 x 890 mm Weight 100 kg	
881202	Trolley 700 x 520 x 770 mm Weight 50 kg	
700010	Trolley for XPress 800 Weight 100 kg	
881205	Tool trolley with top piece 1250x700x1290 mm Weight 192 kg	
		<i>We have selected a complete range of tools for repairing aluminium. Please ask for our special catalogue.</i>

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