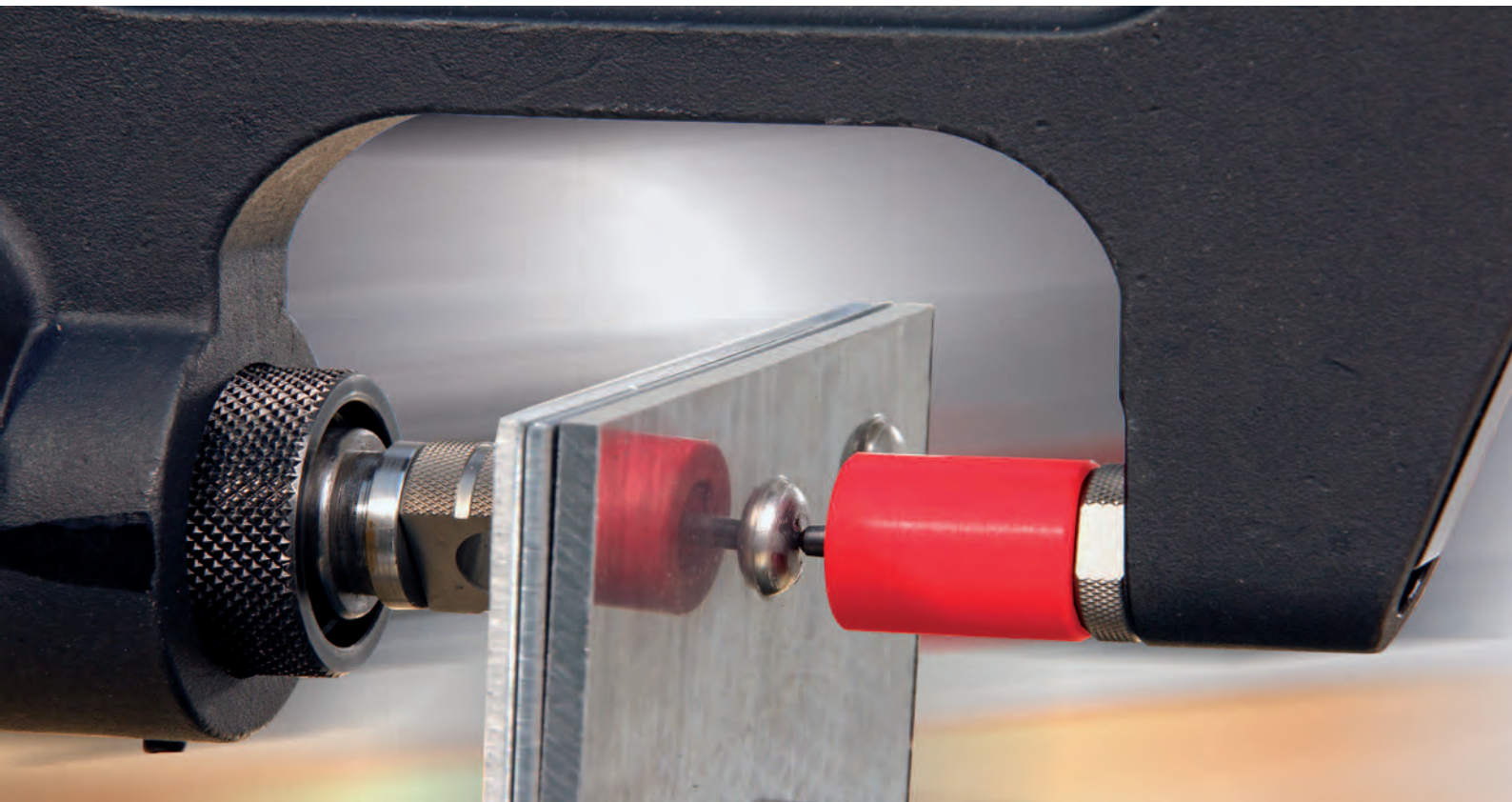


Professionelle Karosserie-Spezialwerkzeuge

Professional Body Shop Tools



MV Marketing und Vertriebs-GmbH & Co.KG

Wieländer+Schill

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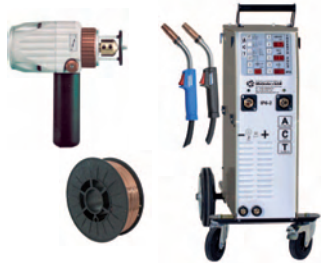


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 Plasma Cutter WS 40i / Accessories & Spare Parts

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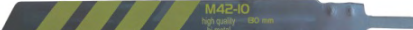
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| Item N° | Description | |
|--|---|---|
| 120010 | Body saw WPS 2000 pneum. |  |
| 124065 | Upgrade piston Kit WPS 2000 |  |
| 124059 | Filter for WPS 2000 |  |
| 120030 | Body Saw WPS 3000 pneum. |  |
| 124027 | tool holder complete WPS 2000/3000 |  |
| 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 | Saw blade 24 tpi, CP version | |  |
| 197006 | 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 | |  |






| 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 6 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 | <p>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) wirer 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</p> | |  |
| 332007 | <p>InvertaPuls IP 6-2 ACT 3 x 230V same scope of delivery as art N° 331007</p> | | |
| 308110 | <p>Torch for steel 3m blue handle</p> | 3G |  |
| 308111 | <p>Torch for aluminium 3m black handle</p> | 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 | <p>Torch for aluminium 3 m ALU 1,0/1,2 mm with red handle</p> | MB24 | |
| 308109 | <p>Torch 3 m PA-cable core with blue handle</p> | MB24 | |
| 308108 | <p>Torch 3 m ALU 1,2 mm with red handle</p> | MB26 |  |
| 307044 | Gas nozzle conical | MB26 | |
| 307045 | <p>Nozzle for aluminium Ø 1,0 mr M6 x 25</p> | 10 pcs. | |
| 307046 | <p>Nozzle for aluminium Ø 1,2 mr M6 x 25</p> | 10 pcs. | |
| 307050 | <p>Nozzle for aluminium Ø 1,0 mr M6 x 28 (for MB26 and 3G torch)</p> | 10 pcs. | |
| 307051 | <p>Nozzle for aluminium Ø 1,2 mr M6 x 28 (for MB26 and 3G torch)</p> | 10 pcs. | |
| 307052 | <p>Nozzle Ø 0,8 mm M6 x 28 (for MB26 and 3G torch)</p> | 10 pcs. | |
| 307053 | <p>Nozzle Ø 1,0 mm M6 x 28 (for MB26 and 3G torch)</p> | 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, CuAl8) wirer 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, CuAl8) wirer 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> |
| Accessories InvertaPuls IP 6 / IP 6-2 | |
| 311045 | Adapter set for 2nd gas bottle |
| 311043 | Magnetic holder for MIG torch |
| 332222 | TIG torch IP 6 with gas valve in the handle |
| 337220 | Set wire wheels steel Ø 0,8 + 1,0 mm |
| 337221 | Set wire wheels ALU Ø 1,0 + 1,2 mm |
| 337142 | Plastic wire conductor, red, 3 m for ALU |
| 337107 | Teflin liner blue 3 m |


















| Item N° | Description | |
|--------------------------------------|--|---|
| 341290 | 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 |  |
| 341276 | 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 |  |
| Wire wheels Type DV 26 IM 200 | |  |
| 337213 | Set wire wheels steel 0,8 + 1,0 mm - DV26 (2 pcs.) | |
| 337214 | Set wire wheels ALU 1,0 + 1,2 mm - DV26 (2 pcs.) (wire wheels 26 without inlet nozzle and without drain tube) | |
| 337142 | Plastic wire conductor, red , 3 m for ALU | |
| 337107 | Teflon liner blue , 3 m, SBT 154 G | |
| 374415 | Earth clamp without cable |  |
| 304053 | Earth clamp with cable 5 m | |
| | | TIG-Welder |
| 331050 | TIG-welding machine WS TIG 210, 230 V consisting of: 1 x TIG torch SR26 4 m 1 x Earth cable 4 m |  |

| 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 17mm | MB24 |  |
| 307030 | Gas distributor (142.0003) | MB24 |  |
| 307031 | Gas distributor | MB15 | |
| 307034 | Spring | MB14/MB15 |  |
| 307033* | Nozzle Ø 0,6 mm 10 pcs. | MB15 |  |
| 307035 | Nozzle Ø 0,8 mm M6 x 25 10 pcs. | MB15 |  |
| 307036 | Nozzle Ø 1,0 mm M6 x 25 10 pcs. | MB15 |  |
| 307037 | Nozzle Ø 0,8 mm nickeled 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 M6 x 25 10 pcs. | MB24 | |
| 307050 | ALU-nozzle Ø 1,0 mm M6 x 28 10 pcs. | MB26 | |
| 307051 | ALU-nozzle Ø 1,2 mm M6 x 28 10 pcs. | MB26 | |
| 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' 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) | |  |
| 561030 | Body plier, hoof coating | |  |
| 311042 | Branch connection valve CO2 / Argon / mixed gas | |  |
| 311044 | Gas valve 1/4" for manometer CO2/Argon | |  |

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




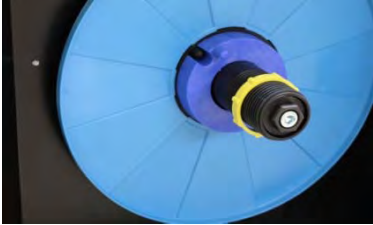











Type D200 coil



Article Group 3














Welding wires







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






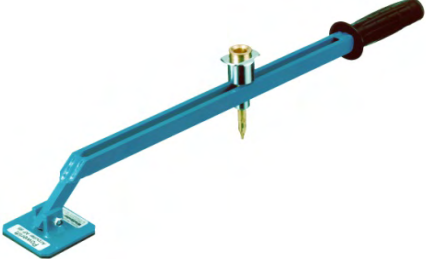



| Item N° | Description | |
|-------------------------------------|---|---|
| 352000 | <p>Work-Station WS 20 400V with Dinse connec. Delivery content: 1 x Transformer WS 20 with Dinse connection 1 x trolley 1 x welding gun 1 x Sliding hammer 1 x accessory tray (incl. electrode for wavy wire) 10 x wavy wire</p> |  |
| Accessories for Work Station | | |
| 351001 | Airpuller AP95 Standard with Dinse connection |  |
| 351060 | Maxilift 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 consisting of: 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</p> |  |

Article Group 3

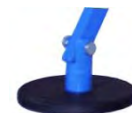
Accessories Work Station WS 20

| Item N° | Description | | |
|---|--|---------|---|
| 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 pnted tips for pulling hammer | 15 pcs. |  |
| 297009 | Washers DIN 125 | 100 pcs |  |
| 357002 | Pin electrode set AP 95 (5 x steel + 1 x copper) | 6 pcs. |  |
| 357022 | Electrodes 35mm for Powerlift short version | 4 pcs. |  |
| 357023 | Electrodes 65mm 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 | |
| <i>Spare parts Transformer AP95</i> | | |
| 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 |  |
| <i>Spare part for magnetic earth clamp</i> | | |
| 354400 | Contact bushing magn.earth clamp MC95 | |
| 358410 | Earth cable 2 m , Dinse DIX SK 35 for AP95 / M3 / M6 |  |












| 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 | L 305 mm |  |
| 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 | 4 pcs. |  |
| 357023 | Electrode 65mm for Powerlift (long version | 3 pcs. |  |









| Item N° | Description | | |
|---|---|----------|--|
| 351060 | 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

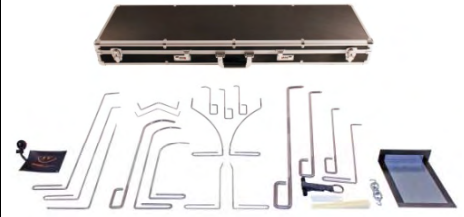
| Item N° | Description | | |
|-------------------------------|---|-----------|---|
| 371004 | Beulenfix Set including: sliding hammer art. No. 371002 1000 welding studs Ø 2,0 art. No. 377000 | |  |
| 372001 | Welding gun Beulenfix | |  |
| 371002 | Sliding hammer for Beulenfix | |  |
| <i>Consumables 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 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

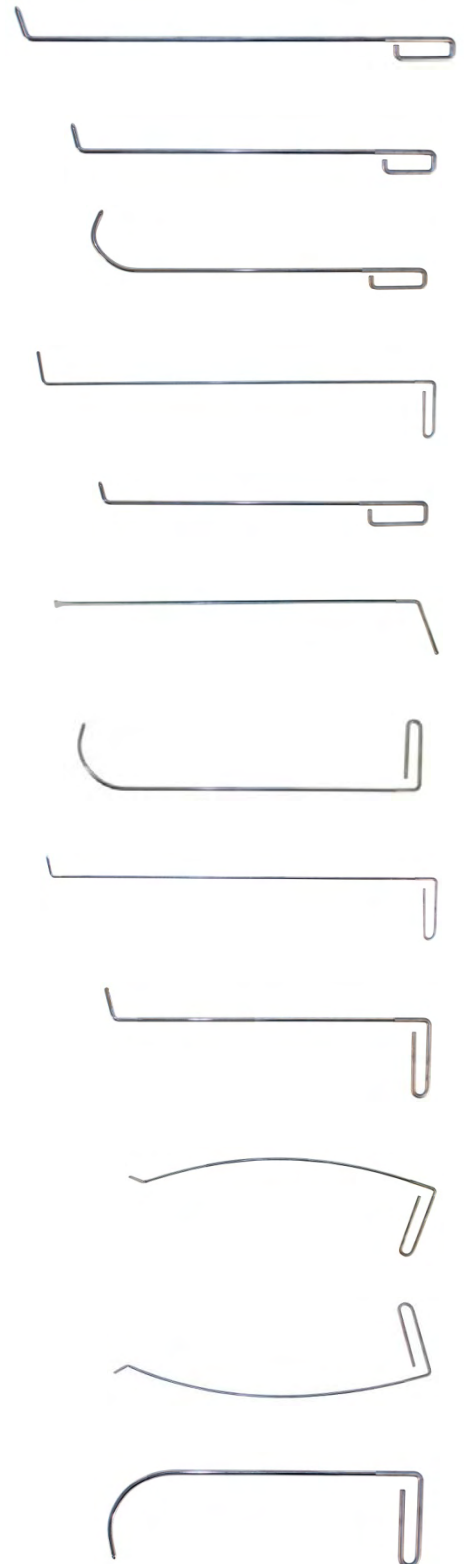
Dent removal hand gears

| 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 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 0,6 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. | |





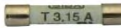





Article Group 3







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 /2,6 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 gibbet 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 </p> | <p>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> | |  |

| 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 |
|--------|--|



Info: Accessories for singel sided gun page 37-38

| | |
|--------|--|
| 478001 | Single sided welding gun for GT with C-gun WATERCOOLED - without accessory tray |
|--------|--|

| | |
|--------|--|
| 478007 | Single sided welding gun for GT with X-gun 2,5 m - with accessory tray (as above) |
|--------|--|



| | |
|--------|---|
| 475012 | Vice grip with SK-22 holder (hexagonal bar for welding cable) |
|--------|---|



| | |
|--------|---|
| 475013 | Vice grip with D-25 support (round bar for earth cable) |
|--------|---|



| | |
|--------|--|
| 478055 | Water separator GT compl. for InvertaSpot GT with proportional valve |
|--------|--|










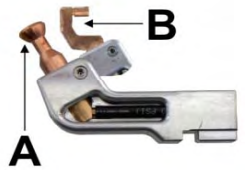











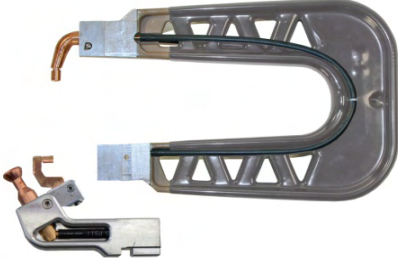








| | |
|--------|----------------|
| 881510 | Protector 12 V |
|--------|----------------|




| 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 | File electrode caps InvertaSpot |  |
| 498009 | 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) |  |

| 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 enlargment to turn the handle 360° - for C-gun only |  |
| 474085 | Cable holder GT |  |
|  | | <p><i>Info: included in the standard equipment</i></p> |

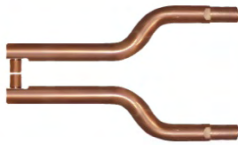









| Item N° | Description | | |
|---------|---|-------------|---|
| 495620 | C-gun electrode size 1 with electrode, 16er tip - standard arm plastic jacketed | 70 x 150mm |  |
| 495606 | Electrode set - 90° angle | |  |
| 495622 | Tip holder 121mm for E-arm 495606 | 70 x 150 mm |  |
| 495623 | Tip holder 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 16mm (for back light) | 150 x 70mm |  |
| 495611 | C-gun electrode size 6 electrode tip 16mm | 120 x 120mm |  |
| 495621 | Tip holder 46 mm for C-gun size 6 tip diameter 16mm | |  |
| 495650 | C-gun electrode size 7 electrode tip 16mm | 150 x 200mm |  |

| 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 jacheted | 350 x 450mm |  |
|  | | | |
| <i>example on how to change electrodes for size 4</i> | | | |
| Tip holder for C-Arm size 4/16mm | | | |
| 495618 | Set tip holder 170 mm C-Arm size 4/16er | 2 pcs |  |
| Tip holder for C-Arm size 4/16er | | | |
| 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 |  |

| 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. | |
| Elektrode arms for X-transformer gun GT water cooled | | | |
| 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 | |


















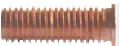

Article Group 4

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. 60 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 | | Image |
|---------|---|--------------------|---|
| 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) <i>to extract punch rivets</i> |  |
| 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 6 pcs. Ø 10 u. 14mm (3 pieces of each size) |  |
| 571110 | Rivet gun TAURUS 4 <i>pneumatic</i> |  |
| 578113 | Extension 50 mm Taurus 4 | |
| 578114 | Extension 100 mm Taurus 4 | |
| Spare parts Powerbird / Taurus | | |
| 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 |  |



| Item N° | Description | | | Image |
|-------------------------------------|---|----------|---|---|
| 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 | | |












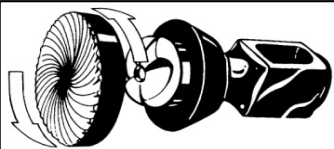

Article Group 5







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 | | |
|--------------------|---|------|---|
| 511020 511021 | Bumping hammer 300g 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 | |  |

| 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 | 10 pcs | |
| | | | |
| 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 36 x 6,5 mm, wire 0,3 mm steel - brass coated, thread M6 | | |
| 541217 | Round brush 100 x 10 mm, wire 0,3 mm steel - brass coated, thread M6 | | |
| 541213 | Steel clamping shank M 6 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 | |  |

| Item N° | Description | Image |
|---------|--|---|
| 561154 | Vice grip 111, curved jaws 10" |  |
| 561181 | Vice grip Axial DW |  |
| 561182 | Vice grip Axial DS |  |
| 561183 | Vice grip Axial D |  |
| 561184 | Vice grip Axial T |  |
| 561185 | Vice grip Axial WS |  |
| 561230 | Vice clamp No. 2 Length 30 cm |  |
| 561186 | Micro Grip 2000, 10 cm long |  |
| 561190 | Vice grip for wavy welding rods |  |
| 561191 | Ergogrip |  |

Article Group 5

Rolling and Flanging Tools

| Item N° | Description | |
|---------|--|---|
| 562055 | Rolling and Flanging Tool RFW 2000 110/230V electric motor |  |
| |  <p>incl. 1 x wheel house attachment 1 x RFW wheel house roll 1 x RFW shaping roll 1 x RFW final shaping roll S</p> | |
| 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 |  |


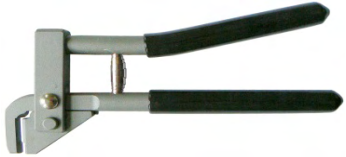
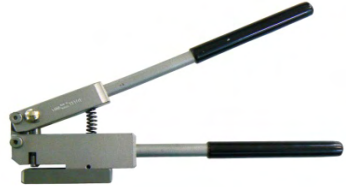








Article Group 5











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 | |  |
| 561029 | Clip-zip tool for door covering | |  |
















Article Group 5

Punch and Swaging Pliers

| Article N° | Description | |
|--------------------|--|---|
| 561001 | Punch and swaging pliers Ø 5 mm manual |  |
| 561005 | Swaging pliers flat shape |  |
| 561002 | Pliers for oval punches 6 x 20 mm max. 1,5 mm sheets |  |
| 561090 | Pneum. Punch and swaging pliers Ø 5mm |  |
| 561091 | Pneum. Punch and swaging pliers Ø 6mm |  |
| <i>Spare parts</i> | 564001 Piston for pneum. punch and swaging pliers 564003 Punch for 6mm pneum. punch and swaging pliers |  |
| 561021 | Manual punch Ø 5mm |  |
| 561022 | Manual punch Ø 6mm |  |
| 561023 | Swaging pliers, manual |  |
| <i>Spare parts</i> | 564007 Punch Ø 5 mm for manual punching pliers 564008 Punch Ø 6 mm for manual punching pliers 564009 Matrix Ø 5 mm for manual punching pliers 564010 Matrix Ø 6 mm for manual punching pliers 564011 Bearing bolt for manual punch 564012 Spare spring for manual punch 564013 Allen screw M 3x3 for manual punching pliers 564014 Allen screw M 4x4 for manual punching pliers 564016 Distance collar Ø 5 / 6 mm for manual punch |  |
| 561025 | 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 |  |

| Item N° | Description | NEW | |
|---------|---|--------|--|
| 607001 | Drill bit VAPO Ø 6 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. | |
| 620206 | Drill bit VARIANTIC Ø 10 mm, 3-cutting edges | | |
| 620000 | Drill bit BTR / BOR Ø 6 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 | | |
| 620006 | 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 | | |
| 620116 | 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 | | Image |
|---|---|--|---|
| 622003 | 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 | |  |
| 608012 | Extension VD 305 for Vario Drill WS90 length 305 mm | |  |
| 648007 | BTR / BOR Fluid 50 ml cutting oil for drill bit | |  |
| 628000 | 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 | |  |
| 628006 | W+S special centering punch with two functions for rivets | |  |
| 628005 | UHSS-centering support 70 mm Ø 8 mm | |  |
| 932521 | Automatic centering punch | |  |
| Drill bits for spot weld removal | | | |
| 617001 | Drill bit VAPO Ø 7 mm | |  |
| 617011 | Drill bit VAPO Ø 8 mm | |  |
| 617014 | Drill bit TIN Ø 8 mm | |  |
| 617021 | Drill bit VAPO Ø 10 mm | |  |
| 607101 | Special cap miller 14 mm incl. 3 pcs. special caps | |  |
| 607110 | Replacement cap - type N | |  |
| 608010 | Extension 135 mm for Vario Drill drill bits | |  |
| 608011 | Extension 85 mm for Vario Drill drill bits | |  |

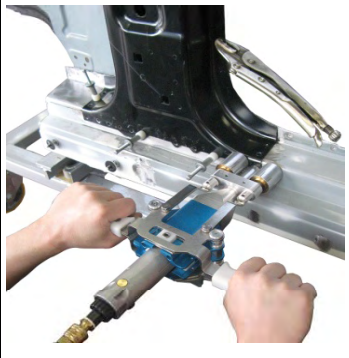

| Item N° | Description | |
|--|---|----------------|
| 611122 | Drilling machine GTC-041B <i>pneum.</i> left/right running | |
| 611005 | Drill Professional RPM 1800, Weight 900g Length 195mm | |
| TIN drill bits with 2 cutting edges | | |
| 617220 | Special drill bit TIN for rivets | Ø 4,1mm |
| 617221 | Special drill bit TIN for rivets | Ø 4,2mm |
| 617226 | Special drill bit TIN for rivets | Ø 6,1mm |
| 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 6,6 mm for countersunk 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 |

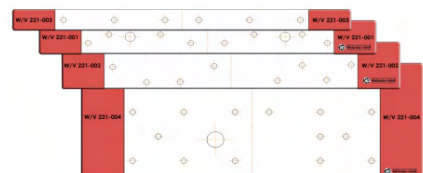
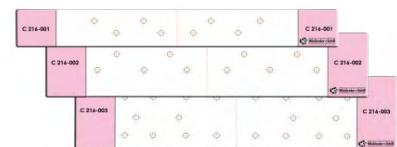






Consumables and accessories

| | | |
|--------|---|-----------|
| 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 Ø 6 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 6 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 | |  |
| 637056 | 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 |  |
| 637036 | 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 | |  |

| 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> |  |

| 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> |  |

| 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 | NEW | Image |
|---|--|-----|-------|
| 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 | Extention for BR50 - 100 mm | | |
| 700151 | Extention 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 3,6C 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 | | |
|  <p data-bbox="379 1664 450 1686">700120</p> <p data-bbox="367 1809 470 1832">metric</p> |  <p data-bbox="659 1664 729 1686">700121</p> <p data-bbox="614 1809 774 1832">self-lock</p> | | |
| 700120 | Tension bolt for riveting screws M6 M6 - metric thread | | |
| 700121 | Tension bolt for riveting screws 6 mm Self-Lock-Thread 6 mm | | |

| Item N° | Description | BMW | |
|---------|---|------|---|
| 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 |  |

| 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 |
| 777227 | Blind rivet ALU 4 x 6 mm | 40 pcs |
| 777228 | Blind rivet ALU 5 x 6 mm | 40 pcs |
| 777229 | Blind rivet ALU 6 x 8 mm | 40 pcs |
| 777230 | Blind rivet RIBE 6,5 x 12,5 mm | 25 pcs |
| 777215 | Blind rivet AUDI 6,5 x 15 mm | 10 pcs |
| 777216 | Blind rivet BMW 6,5 x 14 mm | 10 pcs |
| 777217 | Blind rivet BMW 6,5 x 16 mm | 10 pcs |
| 777246 | Riveting screw SelfLock 6mm | VE 10 St. |
| 777247 | Riveting screw Metric M6 | VE 10 St. |
| 777203 | Blind rivet screw nut ST M4 6x11 mm | 25 pcs |
| 777204 | Blind rivet screw nut ST M5 7x11,5mm | 25 pcs |
| 777205 | Blind rivet screw nut ST M6 9x15,5mm | 25 pcs |
| 777206 | Blind rivet screw nut ST M8 x11x17 | 10 pcs |
| 777207 | Blind rivet screw nut ST M10 x12x17,5 | 10 pcs |
| 777208 | Blind rivet screw nut ST M12 x15,9x23 | 5 pcs |












| Item N° | Description | |
|---------|--|---|
| 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 | 25 m |
| 701052 | FlexiTherm FIX-Tape | 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 |  |

| Item N° | Description | 3400 W |  |
|---------|--|---|---|
| 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 | <p>Power Jet with Zyklon-torch with Piezo igniter</p> | |  |
| 808100 | <p>Zyklon torch for Power Jet</p> | |  |
| 808001 | <p>Burner handle with Piezo igniter</p> | |  |
| 808003 | <p>Burner S bented (pointed flame)</p> | |  |
| 808004 | <p>Burner S bented (hot air)</p> | |  |
| 808005 | <p>Burner S bented (cyclone)</p> | |  |

Article Group 8







Accessories Gas Burner

| Item N° | Description | |
|----------------|--|---|
| 808020 | Gas bottle 1000 ml |  |
| 808021 | Connection valve for gas bottle |  |
| 808022 | Regulator small for bruner |  |
| 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 cyklon 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 | Pewter bars 25% tin |  |
| | 1 kg | |
| | <i>price on application</i> | |

Article Group 8


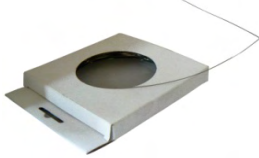




Tinning and Alu Filler







| 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 | |
| 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 | | |
| 542051 | Aluminium powder (for W+S 2C) | | |
| 542052 | Hardener liquid (for W+S 2C) | | |
| | | | |

| Item N° | Description | 50 ml | |
|---------|--|-------|---|
| 831100 | Cartridge pistol MR 50 for Betamade 2096 50 ml | |  |
| 831101 | Cartridge pistol EPX | |  |
| 837101 | Epoxyd adhesive DP490 black | 50 ml |  |
| 838115 | Mixing nozzle EPX for 50 ml cartridges | |  |
| 831106 | Cartridge pistol VBM (MR) 200 for Betamade 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 | <i>Roll Out 2000 (Version 2004)</i> 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 |  |
| 848066 | Power Slide RO 2630 | |  |
| 848016 | 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 |  |
| 848006 | 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 |  |








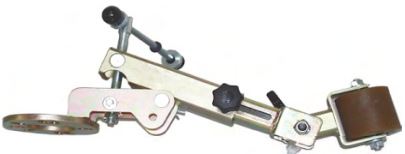



| Item N° | Description | | |
|---------|---------------------------------|------|---|
| 842001 | Wire kit for windscreen removal | |  |
| 841001 | Cutting wire squared profile | 50 m |  |
| 841004 | Cutting wire squared profile A2 | 50 m |  |
| 848001 | Wire feeding chisel | |  |
| | | | Suction holder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

| 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

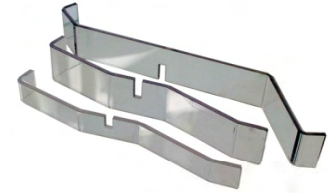
Assembling Devices

| 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 |  |
| 561025 | 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 | Spares: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 | |  |

| 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 |



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