Akku-Compact Hydraulic Punch

Electric operated hydraulic punch tool with a powerful 18V motor for punching circular, square, and rectangular cutouts in mild and stainless steel.

Features and Specifications:
- Light and easy to handle due to high-tensile aluminium head
- High-performance drive motor with ergonomically-designed ‘soft touch’ handle
- Overpressure valve
- Weight: 3.7 kg (approximately 8.2 lbs) including battery
- Maximum punching force: 75kN
- Maximum hydraulic pressure: 680 bar
- Battery: Two 18V NiMH batteries
- Battery charging cycles: approx. 500 under normal conditions
- Battery temperature range: 0 to +40°C, capacity loss below 0°C
- Punching circular holes: up to 82mm (approximately 3.2”) diameter;
  3.0mm (approx. 11 AWG) sheet steel or 2.0mm (14 AWG) stainless steel F=600 N/mm²
  89-152mm (approximately 3.5-6.0”) diameter*; 2.0mm (14 AWG) sheet steel or 1.5mm
  (approximately 16 AWG) stainless steel F=600 N/mm²
- Punching shaped holes: 68x68mm (approximately 2.7x2.7”) in 3.0mm (approx. 11 AWG) sheet steel or 2.0mm
  (14 AWG) stainless steel F=600 N/mm²
  92x92mm* (approximately 3.6x3.6”) in 2.0mm (14 AWG) sheet steel or 1.5mm (approximately
  16 AWG) stainless steel F=600 N/mm²
  * only with special draw bolt and spacer

Akku-Compact Hydraulic Punch kit 502.631 includes:
- Akku-Compact manual hydraulic tool
- Two 18V NiMH batteries
- 120V battery charger for 18-28V batteries
- Draw bolt 9.5x19mm, 120mm long (approx. 0.37x0.75”, 4.7” long)
- Draw bolt 19x19mm, 120mm long (approx. 0.75x0.75”, 4.7” long)
- 3 spacer sleeve set
- Pre-drill bit 11mm diameter (approx. 43”)
- Heavy duty plastic case

Akku-Compact Hydraulic Punch Kit and Spare Parts (Order by Part No.)

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>502.631</td>
<td>02070-120V</td>
<td>Akku-Compact Hydraulic Punch kit</td>
</tr>
<tr>
<td>502.635*</td>
<td>02075-120V-T</td>
<td>Akku-Compact Hydraulic Punch kit, with 6 conduit punch &amp; die sets ½”-2”</td>
</tr>
<tr>
<td>502.638</td>
<td>02071-120V</td>
<td>Replacement 18V NiMH battery for Akku-Compact Punch</td>
</tr>
<tr>
<td>502.639</td>
<td>02072-120V</td>
<td>Battery charger 110-130V AC, 60Hz for 18V NiMH battery</td>
</tr>
</tbody>
</table>

* Special Order
Information subject to change without notice
Akku-Compact Flex Hydraulic Punch

Electric operated hydraulic punch tool with separate punch head and a powerful 18V motor. Akku-Compact Flex punches circular, square and rectangular holes in mild steel and stainless steel.

Features and Specifications:
- Light and easy to handle. Separate head makes access to work surfaces easier
- **Weight**: 2.5 kg (approximately 5.5 lbs) including the battery
- **Maximum punching force**: 75kN
- **Maximum hydraulic pressure**: 680 bar
- **Battery**: 18V Li-ion /1.5 Ah
- **Battery temperature range**: -10 to +40°C
- **Punching circular holes**: up to 82mm (approximately 3.2”) diameter; 3.0mm (approximately 11 AWG) sheet steel or 2.0mm (14 AWG) stainless steel $F=600 \text{ N/mm}^2$
  89-152mm (approximately 3.5-6.0”) diameter*; 2.0mm (14 AWG) sheet steel or 1.5mm (approximately 16 AWG) stainless steel $F=600 \text{ N/mm}^2$
- **Punching shaped holes**: 68x68mm (approximately 2.7x2.7”) in 3.0mm (approx. 11 AWG) sheet steel or 2.0mm (14 AWG) stainless steel $F=600 \text{ N/mm}^2$
  92x92mm* (approximately 3.6x3.6”) in 2.0mm (14 AWG) sheet steel or 1.5mm (approximately 16 AWG) stainless steel $F=600 \text{ N/mm}^2$
  * only with special draw bolt and spacer

Akku-Compact Flex Kit 502.641 includes:
- Akku-Compact Flex manual hydraulics
- 18V Li-Ion battery
- 120V battery charger for 18–28V batteries
- Draw bolt 9.5x19mm, 120mm long (approx. 0.37x0.75”, 4.7” long)
- Draw bolt 19x19mm, 120mm long (approx. 0.75x0.75”, 4.7” long)
- 3 spacer sleeve set
- Pre-drill 11mm diameter (approx. 43”)
- Heavy duty plastic case

Akku-Compact Flex Kit and Spare Parts (Order by Part No.)

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>502.641</td>
<td>02082-120V</td>
<td>Akku-Compact Flex Hydraulic Punch kit</td>
</tr>
<tr>
<td>502.645*</td>
<td>02082-120V-T</td>
<td>Akku-Compact Flex Hydraulic Punch kit, with 6 conduit punch &amp; die sets ½”-2”</td>
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<tr>
<td>502.648</td>
<td>02082-01-120V</td>
<td>Replacement 18V Li-ion battery for Akku-Compact Flex Punch</td>
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<tr>
<td>502.649</td>
<td>02082-03-120V</td>
<td>Battery charger 110-130V for 18V Li-ion battery</td>
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</tbody>
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* Special Order

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