# LS 50 FLEX battery powered hydraulic punching tool

NEXT GENERATION



- **High flexibility using 360° rotating head**
- **An integrated pressure sensor increases the service life of the hole punch**
- **Automatic stop makes the punching tools last longer**

## Characteristics

- Choose your battery system: Bosch or Makita
- All data can be easily read via Bluetooth
- Balanced centre of gravity for easy handling and effortless operations
- LED for work area illumination
- Energy saving function with motor cut-out after successful operation
- Manual retract as required
- Always ready-to-use thanks to battery charge and service display

| Technical data | |
|---|---|
| Punching force | 60 kN |
| Weight | 2.1 kg |
| Charging time | 15 min. |
| Punching time | 5 s at 22.5 mm dia., 3 mm mild steel<br>6 s at 63.5 mm dia., 3 mm mild steel |
| Ambient temperature | -15 °C up to +40 °C |
| Dimensions | 340 x 115 x 80 mm |
| Punching capacity | 120 punch operations at 22.5 mm dia., 3.4 mm mild steel<br>190 punch operations at 22.5 mm dia., 3 mm mild steel<br>280 punch operations at 22.5 mm dia., 2.5 mm mild steel |

| Item | Part No. **Bosch** | Part No. **Makita** |
|---|---|---|
| LS 50 FLEX battery powered hydraulic punching tool | **LS50FLEXCFB** | **LS50FLEXCFM** |
| Lieferumfang | | |
| Bosch battery 18 V / 2.0 Ah, Li-Ion | RALB1EU | |
| Bosch quick-charger for 18 V Li-Ion battery | LGLB1EU | |
| Makita battery 18 V / 1.5 Ah, Li-Ion | | RAL1 |
| Makita quick-charger for 18 V Li-Ion battery | | LGL1 |
| Draw stud for hydraulic operation 19.0 x 122 mm | 52085691 | 52085691 |
| Spacer 22 mm, short | 50032488 | 50032488 |
| Adapter 19.0 x 48 mm with internal thread 9.5 mm | 50339672 | 50339672 |
| Draw stud for punch with hydraulic operation 9.5 x 71 mm | 51300430 | 51300430 |
| Plastic case | KK50FLEXNG | KK50FLEXNG |
| Accessories | | |
| Bosch battery 18 V / 5.0 Ah, Li-Ion | RALB2EU | |
| Makita battery 18 V / 3.0 Ah, Li-Ion (54 Wh) | | RAL2 |
| Variants | | |
| L-BOXX with flexible battery powered hydraulic punch LS50FLEXCFB | LBOXXLS50FLEXCFB | |
| L-BOXX with flexible battery powered hydraulic punch LS50FLEXCFM | | LBOXXLS50FLEXCFM |

## Slug Buster® punch set PG 9 - 21, 30.5 mm



` *Unique punch profile*
` *Split slugs fall free and can be removed easily*

### *Suitable for*

- Mild steel (St37), plastic and aluminium up to 3.5 mm

### *Operation*

- Manual

### *Predrilling*

- Draw stud 9.5 mm dia., pilot drill 9.7 mm dia. 50360183
  draw stud 19.0 mm dia., pilot drill 20.5 mm dia. 50344030

### *Scope of supply*

- Complete system including punch and die incl. plastic case

| Item | Part No. |
|---|---|
| Slug Buster® punch set PG 9/11/13/16/21 and 30.5 mm | ***50323989SET*** |
| **Accessories** | **Part No.** |
| Plastic case | KKPG9B48 |

## Slug Buster® punch set PG 9 - PG 48, 30.5 mm



` *Unique punch profile*
` *Split slugs fall free and can be removed easily*

### *Suitable for*

- Mild steel (St37), plastic and aluminium up to 3.5 mm

### *Operation*

- Manual

### *Predrilling*

- Draw stud 9.5 mm dia., pilot drill 9.7 mm dia. 50360183
  draw stud 19.0 mm dia., pilot drill 20.5 mm dia. 50344030

### *Scope of supply*

- Complete system including punch and die incl. plastic case

| Item | Part No. |
|---|---|
| Slug Buster® punch set PG 9/11/13/16/21/29/36/48 and 30.5 mm | ***50328034SET*** |
| **Accessories** | **Part No.** |
| Plastic case | KKPG9B48 |

## Slug Buster® punch set ISO 16 – 40



` *For quick, clean, effortless and burr-free holes*
` *Split slugs fall free and can be removed easily*

### *Suitable for*

- Mild steel (St37), plastic and aluminium to 3.0 mm

### *Operation*

- Manual

### *Predrilling*

- Draw stud 9.5 mm dia., pilot drill 9.7 mm dia. 50360183 draw stud 19.0 mm dia., pilot drill 20.5 mm dia. 50344030

### *Scope of supply*

- Complete system including punch and die incl. plastic case

| Item | Part No. |
|---|---|
| Slug Buster® punch set ISO 16/20/25/32/40 | ***50356178SET*** |
| **Accessories** | **Part No.** |
| Plastic case | KKISO16B63R |

## Slug Buster® punch set ISO 16 – 63



` *Long product life*
` *Very easy to use*

### *Suitable for*

- Mild steel(St37), plastic and aluminium up to 3.5 mm

### *Operation*

- Manual

### *Predrilling*

- Draw stud 9.5 mm dia., pilot drill 9.7 mm dia. 50360183 draw stud 19.0 mm dia., pilot drill 20.5 mm dia. 50344030

### *Scope of supply*

- Complete system including punch and die incl. plastic case

| Item | Part No. |
|---|---|
| Slug Buster® punch set ISO 16/20/25/32/40/50/63 | ***50068920SET*** |
| **Accessories** | **Part No.** |
| Plastic case | KKISO16B63R |

# Speed Punch ™ Set ISO 16 – 40



*` Up to 3-times faster than conventional punching tools*
*` Easy and quick handling as the screwing and unscrewing of the counter nut is not required*
*` Compatible with all Greenlee hand-operated and battery powered hydraulic tools*
*` No greasing of the draw stud required*

## Suitable for

- Mild steel (St37), plastic and aluminium up to 3.5 mm
- LS50Flex and Quick Draw

## Operation

- Hydraulic

## Predrilling

- Draw stud 9.5 mm dia., pilot drill 9.7 mm dia. 50360183 draw stud 19.0 mm dia., pilot drill 20.5 mm dia. 50344030

## Scope of supply

- Complete system including draw stud, cramp, punch and die incl. plastic case

| Item | Part No. |
|---|---|
| Speed Punch™ punch set ISO 16/20/25/32/40 | ***52055439SET*** |
| **Scope of supply** | **Part No.** |
| Punch and die ISO 16 (16.2 mm) | 52055431 |
| Punch and die ISO 20 (20.4 mm) | 52055432 |
| Punch and die ISO 25 (25.4 mm) | 52055434 |
| Punch and die ISO 32 (32.5 mm) | 52055435 |
| Punch and die ISO 40 (40.5 mm) | 52055436 |
| Speed Lock and draw stud 9.5 mm for ISO 16/20/25 and PG 16 Speed Lock | 52055439 |
| and draw stud 19.0 mm for ISO 32/40/50/63 | 52055440 |
| Plastic case | KKSPISO16B63 |
| **Accessories** | **Part No.** |
| Plastic case | KKSPISO16B63 |

# Speed Punch™ Set ISO 16 – 63



- Up to 3-times faster than conventional punching tools
- Easy and quick handling as the screwing and unscrewing of the counter nut is not required
- Compatible with all Greenlee hand-operated and battery powered hydraulic tools
- No greasing of the draw stud required

## Suitable for

- Mild steel (St37), plastic and aluminium up to 3.5 mm
- LS50Flex and Quick Draw

## Operation

- Hydraulic

## Predrilling

- Draw stud 9.5 mm dia., pilot drill 9.7 mm dia. 50360183
  draw stud 19.0 mm dia., pilot drill 20.5 mm dia. 50344030

## Scope of supply

- Complete system including draw stud, cramp, punch and die incl. plastic case

| Item | Part No. |
|---|---|
| Speed Punch™ Set ISO 16 – 63 | **52055440SET** |
| **Scope of supply** | **Part No.** |
| Punch and die ISO 16 (16.2 mm) | 52055431 |
| Punch and die ISO 20 (20.4 mm) | 52055432 |
| Punch and die ISO 25 (25.4 mm) | 52055434 |
| Punch and die ISO 32 (32.5 mm) | 52055435 |
| Punch and die ISO 40 (40.5 mm) | 52055436 |
| Punch and die ISO 50 (50.8 mm) | 52055437 |
| Punch and die ISO 63 (64.0 mm) | 52055438 |
| Speed Lock and draw stud 9.5 mm for ISO 16/20/25 and PG 16 | 52055439 |
| Speed Lock and draw stud 19.0 mm for ISO 32/40/50/63 | 52055440 |
| Plastic case | KKSPISO16B63 |
| **Accessories** | **Part No.** |
| Plastic case | KKSPISO16B63 |