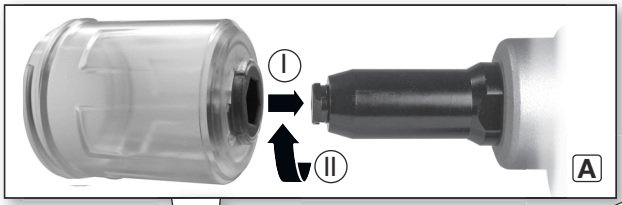
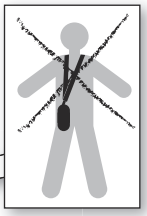
metabo®

PROFESSIONAL POWER TOOL SOLUTIONS

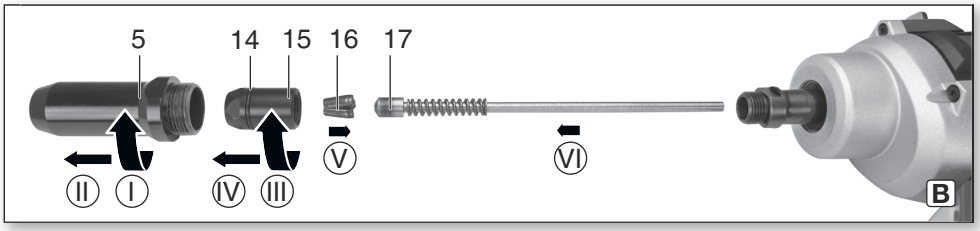
NP 18 LTX BL 5.0

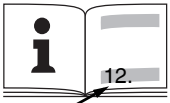
www.metabo.com





- Ø			
2,4 mm (3/32 in)	ALU	1	341166850 (341166980)
3,2 mm (1/8 in)		2	341166860 (341166990)
4,0 mm (5/32 in)		3	341166870 (341167000)
4,8 mm (3/16 in)		4	341212740 (341167010)
5,0 mm (3/16 in)	INOX	4	341212740 (341167010)
6,0 mm (3/16 in)	ALU	4	341212740 (341167010)



		**NP 18 LTX BL 5.0** *1) Serial Number: 19002..
U	V	18
m	kg (lbs)	2,2 (4.9)
H	mm (in)	25 (1)
F	KN	10
D	mm (in)	2,4 - 5,0 ($^3/_{32}$ - $^3/_{16}$)
$\mathbf{D_{ALU}}$	mm (in)	2,4 - 6,0 ($^3/_{32}$ - $^3/_{16}$)
$\mathbf{a_h/K_h}$	m/s^2	2,5 / 1,5
$\mathbf{L_{pA}/K_{pA}}$	dB(A)	79,5 / 3
$\mathbf{L_{WA}/K_{WA}}$	dB(A)	85,5 / 3

CE *2) 2011/65/EU, 2006/42/EG, 2014/30/EU
*3) EN 62841-1:2015,EN ISO 12100:2010,, EN IEC 63000:2018

ppa. B. Fl

2021-10-20, Bernd Fleischmann
Direktor Produktentstehung & Qualität (Vice President Product Engineering & Quality)
*4) Metabowerke GmbH - Metabo-Allee 1 - 72622 Nuertingen, Germany

Original operating instructions

1. Declaration of Conformity

We, being solely responsible, hereby declare that these rivet guns, identified by type and serial number *1), meet all relevant requirements of directives *2) and standards *3). Technical documents for *4) - see page 3.

For UK only:

UK CA We as manufacturer and authorized person to compile the technical file, see *4) on page 3, hereby declare under sole responsibility that these random orbital sanders, identified by type and serial number *1) on page 3, fulfill all relevant provisions of following UK Regulations S.I. 2016/1091, S.I. 2008/1597, S.I. 2012/3032 and Designated Standards EN 62841-1:2015,EN ISO 12100:2010,, EN IEC 63000:2018

2. Specified Conditions of Use

The device with appropriate accessories is suitable for setting blind rivets.

No nails or other objects may be inserted into the device.

The user bears sole responsibility for any damage caused by inappropriate use.

Generally accepted accident prevention regulations and the enclosed safety information must be observed.

3. General Safety Information

For your own protection and for the protection of your power tool, pay attention to all parts of the text that are marked with this symbol!

WARNING – Reading the operating instructions will reduce the risk of injury.

WARNING – Read all safety warnings, instructions, illustrations and specifications provided with this power tool.
Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Keep all safety instructions and information for future reference.
Pass on your power tool only together with these documents.

4. Special Safety Instructions

Wear safety glasses.

Personal protective equipment such as protective clothing, a safety helmet, non-slip shoes, and fall protection is recommended.

Wear protective gloves.

Wear ear protectors. Exposure to noise can cause hearing loss.

Never use the device in a moist / wet environment or near flammable liquids and gases. **Danger of explosion!**

The device may only be stored in a dry, closed room and must be stored in an area not accessible to children.

The device may never be used as an impact tool.

Secure the device against falling during storage.

The mount (6) may not be used for fall protection!

Do not work without riveting material. The blind rivet may fly off of the riveting tool and cause injuries, even outside of the direct working area! Never point the device at yourself or anyone else.

The collection container (7) must always be screwed on while the device is in operation. Broken rivet bodies or mandrels will be ejected by the riveting tool and may cause injuries, even outside of the direct working area!

Do not cover the ventilation slots for the motor.

LED light (4): do not observe the LED radiation directly with optical instruments.

Remove the battery pack from the device before making any adjustments, changing tools, maintaining or cleaning.

Protect battery packs from water and moisture!

Do not expose battery packs to fire!

Do not use faulty or deformed battery packs!
Do not open battery packs!
Do not touch or short circuit battery pack contacts!

A slightly acidic, flammable fluid may leak from defective Li-ion battery packs!

If battery fluid leaks out and comes into contact with your skin, rinse immediately with plenty of water. If battery fluid leaks out and comes into contact with your eyes, wash them with clean water and seek medical attention immediately!

If the device is defective, remove the battery pack from the device.

Transport of li-ion battery packs:

The shipping of li-ion battery pack is subject to laws related to the carriage of hazardous goods (UN 3480 and UN 3481). Inform yourself of the currently valid specifications when shipping li-ion battery packs. If necessary, consult your freight forwarder. Certified packaging is available from Metabo.

Only send the battery pack if the housing is intact and no fluid is leaking. Remove the battery pack from the machine for sending. Prevent the contacts from short-circuiting (e.g. by protecting them with adhesive tape).

Reducing dust exposure:

WARNING - Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:
- Lead from lead-based paints,
- Crystalline silica from bricks and cement and other masonry products, and
- Arsenic and chromium from chemically treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

This also applies to dust from other materials such as some timber types (like oak or beech dust), metals, asbestos. Other known diseases are e.g. allergic reactions, respiratory diseases. Do not let dust enter the body.

Observe the relevant guidelines and national regulations for your material, staff, application and place of application (e.g. occupational health and safety regulations, disposal).

Collect the particles generated at the source, avoid deposits in the surrounding area.

Use suitable accessories for special work. In this way, fewer particles enter the environment in an uncontrolled manner.

Use a suitable extraction unit.

Reduce dust exposure with the following measures:
- do not direct the escaping particles and the exhaust air stream at yourself or nearby persons or on dust deposits,
- use an extraction unit and/or air purifiers,
- ensure good ventilation of the workplace and keep clean using a vacuum cleaner. Sweeping or blowing stirs up dust.
- Vacuum or wash the protective clothing. Do not blow, beat or brush.

5. Overview

See page 2.

1 Magazine for nosepieces
2 Nosepieces *
3 Button to activate / deactivate the LED light
4 LED light to illuminate the workplace
5 Steel sleeve
6 Mount (not for fall protection!)
7 Collection container for rivet bodies
8 Trigger
9 Handle
10 Battery pack release button
11 Battery pack *
12 Capacity indicator button *
13 Capacity and signal indicator *
14 O-Ring
15 Cage for chuck jaws
16 Chuck jaws (3 piece)
17 Pressure bar

*equipment-specific

6. Initial Operation

Ventilation slots for the motor may not be kept closed or covered; do not insert objects into slots.

6.1 Screw on Nosepiece

Select nosepiece (2) to match rivet diameter (see table on page 2) and screw in (see page 2, image A).Blind rivet should have a little play in the nosepiece (2), otherwise the blind rivet may become stuck.

6.2 Attach Collection Container

Screw on collection container (7) for rivet bodies to the stop (clockwise).

6.3 Battery pack

Charge the battery pack (11) before use.

Recharge the battery pack (11) if performance diminishes.

Instructions on charging the battery pack can be found in the operating instructions of the Metabo charger.

Li-Ion battery packs "Li-Power, LiHD" have a capacity and signal indicator (13):
- Press the button (12); the LEDs indicate the charge (13) level.
- If one LED (13) is flashing, the battery pack (11) is almost flat and must be recharged.

6.4 Removing and inserting the battery pack

Removing:
Press the battery pack release (10) button and remove the battery pack (11).

Inserting:
Slide in the battery pack (11) until it engages.

7. Use

7.1 Setting a Blind Rivet

Insert the mandrel of the blind rivet fully into the attached nosepiece (2).

Press and Hold the Switch (8)
Pressing and holding the switch (8) triggers the riveting process. The riveting process will stop once the blind rivet is set. Broken rivet bodies (mandrels) will be retained. Only after you release the switch will the mandrel be ejected, and the device will return to its initial position. The riveting process is completed.

After finishing the riveting process, tip the device back so that the mandrel falls into the collection (7) container. Otherwise, you may jam the device.

7.2 Switch on the LED light (4)

After pressing the pushbutton switch (8) the LED lamp (4) can be activated and deactivated for 15 minutes by pressing the switch (3). The LED lamp (4) automatically switches off after 60 seconds

8. Maintenance and Cleaning

(see illustration B on page 2).

⚠ Remove the battery pack before completing any maintenance or cleaning on the device!

Empty (7) collection container:
Unscrew the collection container (7) (counterclockwise) and remove rivet mandrels.

After approx. 5,000 riveting processes:

- **Device maintenance** is restricted to only the chuck mechanism and its wear parts:
  - Remove battery pack (11) from the device.
  - Unscrew steel sleeve (5) with spanner wrench (size 27) and clean. **Check for deposits in the tip of the steel (5) sleeve.**
  - Use (15) spanner wrench (size 17) to unscrew cage for chuck jaws from the closure (hold in place with size 15), remove (16) jaws, clean, and oil or grease contact surfaces. If the parts are worn (rivet can no longer be placed in one step), replace (16) chuck jaws.

    Order no.: 6.27355 Chuck jaws for NP 18 LTX BL 5.0
  - Oil / grease o-ring (14) on the chuck jaw cage (15)
  - Pull out pressure bar (17) to the front and clean.
  - Assemble in reverse order. Screw in all parts.

We recommend having the device maintained by an authorised electrician or the Metabo Service department at least every 2 years or after 50,000 riveting processes. More frequent maintenance is recommended for intensive use.

9. Accessories

Only use original Metabo battery packs and Metabo accessories.

Use only accessories that fulfil the requirements and specifications listed in these operating instructions. Fit accessories securely.

Charger: ASC 30-36, etc

Battery packs with different capacities. Buy battery packs only with voltage suitable for your power tool.

Order no.: 6.25367 .... 4.0 Ah (LiHD)
Order no.: 6.25596 .... 2.0 Ah (Li-Ion)
etc.

10. Repairs

Repairs to electrical tools must ONLY be carried out by qualified electricians!

Contact your local Metabo representative if you have Metabo power tools requiring repairs. See www.metabo.com for addresses.

You can download a list of spare parts from www.metabo.com.

11. Environmental Protection

Observe national regulations on environmentally compatible disposal and on the recycling of disused machines, packaging and accessories.

Packaging materials must be disposed of according to their labelling in accordance with municipal guidelines. Further information can be found at www.metabo.com in the “Service” section.

Only for EU countries: never dispose of power tools in your household waste! According to European Directive 2012/19/EU on Waste from Electric and Electronic Equipment and implementation in national law, used power tools must be collected separately and recycled in an environmentally-friendly manner.

Discharge the battery pack in the power tool before disposal. Prevent the contacts from short-circuiting (e.g. by protecting them with adhesive tape).

12. Technical Data

Explanatory notes on the specifications on page 3. Subject to change in accordance with technical progress.

U	=	Voltage of battery pack
m	=	Weight (with smallest battery pack)
H	=	Total stroke
F	=	Setting force
D	=	Rivet diameter

Measured values determined in conformity with EN 62841.

Permitted ambient temperature during operation: -20 °C bis 50 °C (limited performance with temperatures below 0 °C). Permitted ambient temperature for storage: 0 °C to 30 °C

⎓ direct current

The technical specifications quoted are subject to tolerances (in compliance with the relevant valid standards).

Explanatory notes on the specifications on page 2.

ALU Aluminium

Steel

INOX Stainless steel

⚠ Emission values
These values make it possible to assess the emissions from the power tool and to compare different power tools. The actual load may be higher or lower depending on the operating conditions, the condition of the power tool or the accessories. Please allow for breaks and periods when the load is lower for assessment purposes. Arrange protective measures for the user, such as

organisational measures based on the adjusted estimates.

Vibration total value (vector sum of three directions) determined in accordance with EN 62841:

a_h = vibration emission value
K_h = Uncertainty

Typical A-effective perceived sound levels:

L_{pa} = Sound-pressure level
K_{pA}, = Uncertainty

During operation the noise level can exceed 80 dB(A).

Wear ear protectors!