

# PROXXON



*Tools with character!*



*New products 2020*



## The strong cordless foldable screwdriver KS/A



- High quality 10.8 V lithium-ion battery with 2,6 Ah. State of the art!
- Electromagnetic shut-off-clutch for torques from 0,25 – 5 Nm.
- 2-speed gearbox: 250rpm for screwing and 750rpm particularly for drilling.



### Cordless foldable screwdriver KS/A

**Compact, handy and strong. For drilling where space is tight. Electromagnetic shut-off-clutch for pre-selection of 20 torques from 0,25 – 5Nm with highest repeat accuracy.**

Automatic spindle lock when the set torque is reached. Practical: if needed, screws can be finally tightened at higher torque by hand. Receptacle for 1/4"-hexagon-standard bits. Bits are securely held and released by moving the locking ring. Bright LED illuminates dark working areas. Including nine industrial quality 1/4"-standard bits in sizes PH 0 – 1 – 2, HX 3 – 4 – 5, TX 10 – 15 – 20, lithium-ion battery Li/A2 and rapid charger LG/A2.



#### Other technical data:

250/750rpm. Length 290mm. Weight 600g (incl. battery).  
**NO 29 840**

#### Cordless foldable screwdriver KS/A

As described above, including bits, but without battery and rapid charger. Packed in a cardboard box.  
**NO 29 842**



#### Practical:

The flat end cap of the battery enables upright positioning.

#### Note:

All depicted tools are supplied in a storage case of high-grade polypropylene. A label on the side identifies the content.



## The MICROMOT lithium-ion battery system: one battery and one rapid charger only to power now

### Rapid battery charger LG/A2

Charges the PROXXON lithium-ion battery Li/A2 in one hour. With integrated temperature control. LED signal light: Yellow = charging, Green = charged.

#### Technical data:

Input 100 – 240V, 50/60Hz. Output 12.6V, 2A. Weight approx. 340g.

**NO 29 880**



### Li-Ionen-Akku Li/A2

For long and durable powerful operation of our MICROMOT cordless tools. With integrated temperature control for safe operation.

#### Technical data:

Voltage 10.8V. Capacity 2.6Ah. Length 85mm. Weight 180g.

**NO 29 896**

## Professional set for hoof and claw care

Also ideal for working on wood, plastics, gypsum and horn.



10,8  
VOLT



Special accessories, some with ground tungsten inserts for clean cuts without creating dust.

Complete set with cordless long neck angle grinder LHW/A, rasp disc with metal burrs made from tungsten carbide, planing disc, free-shaping disc, tungsten carbide rasp- and cutting disc. For details on these four accessories see below. Also included: one corundum fan sander (100 grit), lithium-ion battery Li/A2 and rapid charger LG/A2.

### Technical data LHW/A:

10.8V. 5,000 – 16,000rpm. Disc diameter 50mm. Length 320mm. Weight 800g (incl. battery).

NO 29 845

### Rasp disc with metal burrs made from tungsten carbide



With metal burrs made from tungsten carbide. For effortless modelling of wood, plastics and glass-fibre. Easy and precise handling. Ø 50mm with 10mm bore.

NO 29 050

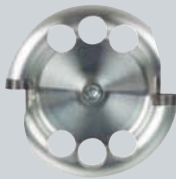
### Planing disc with tungsten inserts



With two level aligned indexable tungsten inserts. For dust-free modelling of wood, plastics, gypsum and horn, especially on flat surfaces. Bores allow for clear view on the work piece. Ø 50mm. For LHW and LHW/A.

NO 29 056

### Free-shaping disc with tungsten inserts



With two ground tungsten round-cutter inserts Ø 8mm. For dust-free modelling of wood, plastics, gypsum and horn, especially for free shaping. Bores allow for clear view on the work piece. Ø 50mm. For LHW and LHW/A.

NO 29 052

### Tungsten carbide rasp- and cutting disc



High stock removal in wood and soft materials. Cranked design for convenient shaping and modelling in wood, gypsum and horn (animal hooves). Less heating up due to cooling holes. Ø 50 mm with 10mm bore.

NO 28 559

... already eight professional tools: 8 tools – one system!



## Cordless random orbital polisher EP/A. Made in Europe.



- High quality 10.8 V lithium-ion battery with 2,6 Ah. State of the art!
- Charged battery will hold up at least 30 minutes even at maximum power use. No other cordless machine in this power class will do more!



### The 11mm stroke of the polisher allows for hologram-free polishing on painted and uncoated metal surfaces without heating.

Continuously variable speed control and balanced special motor, powerful, quiet and long-lasting. Quiet planetary gear in die-cast aluminium housing. Main housing of glass-fibre reinforced POLYAMIDE with soft component.

#### With plenty of accessories such as:

rubber backing disc with hook and loop fastening, polishing sponge (medium hard), lambswool polishing disc, polishing felt (medium hard), 12 sanding discs K 2000 and NIGRIN polishing emulsion (75ml), microfibre cloth, spanner for tool change.

Set includes lithium-ion-battery Li/A2 (10,8V) and rapid battery charger LG/A2.

#### Technical data:

10.8V. Spindle speeds 1,100 – 2,600rpm. Eccentric stroke 11mm. Length 305mm. Weight 950g (incl. battery).

**NO 29 835**

#### Cordless orbital free-running polisher EP/A

As described above, including accessories, but without battery and rapid charger. Packed in cardboard box.

**NO 29 837**

## Accessories for polishers WP/E, WP/A, EP/E and EP/A (Ø 30mm and Ø 50mm)

### Foam backing pad:

With hook and loop fastening.



**NO 29074** Ø 30mm  
**NO 29098** Ø 50mm

### From of our professional set for finish grinding and polishing (NO 29 070) – now available individually!

#### Professional polishing sponges

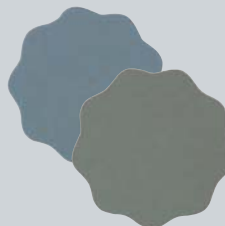
For applying the polishing emulsion to painted and uncoated metal surfaces and for subsequent polishing. With hook and loop fastening. Ø 50 x 25mm. Conical.



**NO 29 076** 2 pieces hard (white)  
**NO 29 077** 2 pieces medium (yellow)  
**NO 29 078** 2 pieces soft (black)

#### Wave-edged sanding discs

From silicon-carbide. For adding finishing touches to paint or removing varnish runs and inclusions, especially in the automotive sector (spot-repair). Ø 30mm.



**NO 29 082** 12 pieces grit 1,000  
**NO 29 084** 12 pieces grit 2,500

#### Note:

All depicted tools are supplied in a storage case of high-grade polypropylene. A label on the side identifies the content.



## Random orbital polisher EP/E. Made in Europe.

*For mains operation. With special balanced 230V DC motor: quiet and powerful.*



*Polishers EP/A and EP/E are supplied in a storage box of high-grade polypropylene including the selection of accessories described on the left.*

**10,8  
VOLT**



### **Highly flexible, 230cm long power cord for mains supply.**

Field of application same as described for the cordless model EP/A on page 4.

### **Technical data:**

230V. 100W. 800 – 2,800rpm. Eccentric stroke 11mm. Length 270mm. Weight 800g. Insulated to class 2.

**NO 28 680**

**230  
VOLT**



*MM 230/E set. Packed in an attractive plastic case. Including 34 industrial quality bits and cutters.*



**With a diameter of only 37mm and a weight of just 270g it offers convenient handling second to none in its class!**

Balanced DC special motor. Quiet and extremely long-lasting. Electronic speed control for speeds from 6,000 to 22,000rpm. Ground, ball-bearing spindle. High quality MICROMOT steel collets: Even the smallest shafts are accurately clamped. No rattling or vibrating of bits and cutters. Spindle for tool exchange can be locked at the push of a button. 20mm standard collar for use with MICROMOT drill stands and horizontal stands. Including 34 industrial quality bits and cutters, 6 MICROMOT steel collets (1 each of 1 – 1.5 - 2 – 2.4 – 3 and 3.2mm). Everything finds its place in the attractive plastic case.

### **Technical data:**

230V. 60W. 6.000 – 22.000rpm. Weight 270g. Insulated to class 2.

**NO 28 430**

## Universal milling system UF/E. Made in Europe.



Compact and with a weight of only 730g extremely light. Brushless special motor for 10,000 – 30,000rpm. High torque even at lower speeds.



### Fields of application



On CNC-routers.



On Mill/drill unit BFB 2000 and compound table KT 150.



On drill stand MB 200 and compound table KT 70.

Digital speed indication.

Maintenance-free, brushless DC-motor for spindle speeds from 10,000 - 30,000rpm.

Precisely machined die-cast aluminium housing offering exact ball-bearing seats.



Includes three ER11-collets according to DIN/ISO in sizes 2.5 – 3 and 6mm.



Variable speed pre-selection.

43mm-collar (European standard).

20mm-MICROMOT-standard collar.

### 230V-operation (no additional controller needed).

Variable speed pre-selection from 10,000 to 30,000rpm and digital speed indication. The sophisticated control via rotor position and speed sensors guarantees high torque also in the lower speed range. Machine base made of die-cast aluminium with 20mm-MICROMOT-standard-collar and 43mm European standard spindle collar). Triple ball bearing spindle for high concentric accuracy and smooth running.

The collets depicted are included, but not the milling bit.

### Technical data:

230 V. 50/60 Hz. 250 W. 10.000 – 30.000rpm. Weight 730g.

NO 20 200

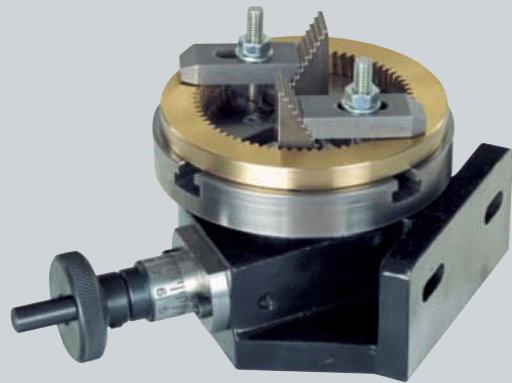
## Universal dividing attachment UT 250

- For accurate machining of circular work pieces.
- Used to manufacture sprockets, gears, ratchets, cams, etc.
- For fixation on compound table KT 150 and milling machines FF 230 and FF 500/BL.

Worm drive for divisions through 360°. Feed adjustment by hand-wheel with graduated, zero-adjustable dial (1 revolution = 10°).

Unit may be fixed horizontally or vertically. For compound tables with distances between T-slots of 45 - 60mm. The flange of the dividing attachment is the same size as that of the main spindle of the PD 250/E lathe, thus 3 jaw chuck (NO 24 034) and 4 jaw chuck (NO 24 036) may be mounted. Incl. faceplate Ø100mm and step clamp set of steel: Two each step blocks and clamps. With matching slot nuts, threaded rods and nuts. Packed in a wooden box.

**NO 24 046**



**Note:**

The work piece pictured here is not including in the delivery.

## 4-jaw-chuck, self-centering for FD 150/E



Used to clamp cylindrical, square or octagonal work pieces. High accuracy. Clamping range with reversible jaws from 1 – 20mm (inside) and 20 – 50mm (outside). Ø 50mm.

**NO 24 158**

## Parting tool holder and tool



Used in the PD 250/E quick change system. Used to part stock and cut slots. The 12 x 3 x 85mm HSS tool contains cobalt. Spare tools available under NO 24 554.

**NO 24 217**

**Spare tool for parting tool holder**, as described above.

**NO 24 554**

## Offset cutter set with carbide inserts for PD 250/E and PD 400



Holder angled to the left by 45° for cylindrical carbide inserts Ø 6mm. For extra high surface quality and low surface roughness, for turning radii and cutting round grooves. Set includes two tungsten inserts, two insert securing screws and TX 8 key.

**NO 24 560**

8 x 8 x 60mm (for PD 250/E)

**NO 24 562**

10 x 10 x 70mm (for PD 400)

### Carbide inserts

For the holders as described above.

**NO 24 564**

10 pieces

## Professional scroll saw blades with reversed toothing



For clean cuts without tears at the workpiece bottom. For mould- and model-making, designers, architects, arts and crafts. For hard- and soft woods.

Without pin. Coarse-toothed. 11 teeth per 25mm. For DS 230/E, DSH and DS 460.



NO 28 119

12 pieces

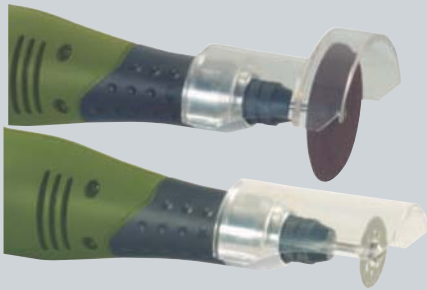
With pin. Standard-toothed, 14 teeth per 25mm. For DSH and DS 460.



NO 28 749

12 pieces

### Protective covers for hand-operated MICROMOT machines with standard 20mm collar

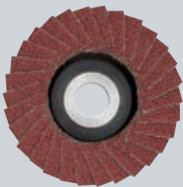


For working safely with saw blades, cutting discs, milling bits, grinding tools, steel brushes and polishing tools. One each for diameters 22 and 38mm. Easy to assemble.

NO 28 946 set of 2 pieces

### New accessories for our Long neck angle grinder LHW and LHW/A

#### Corundum fan sander



For grinding tempered cast iron, cast iron, stainless steel, non-ferrous metals, wood and plastic. For producing smooth, fine surfaces. For intermediate and fine sanding. Ø 50 mm with 10mm bore.

NO 28 591 grit 240

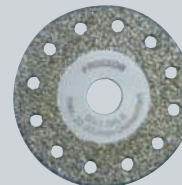
#### Diamond-coated cutting disc



For fine cuts in hard materials such as glass, porcelain, ceramics and stone. Less heating up due to cooling holes. Ø 50 x 0.6mm. With 10mm bore.

NO 28 558

#### Diamond-coated cutting and roughing disc



For cutting, grinding and roughing of hard materials such as glass, porcelain, ceramics and stone. Less heating up due to cooling holes. Ø 50 x 1 mm. With 10mm bore.

NO 28 557

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