EKF

ENERGY
KNOWLEDGE
FUTURE

# TOOLS

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AT OUR WEBSITE

EKF is an international electrical solutions brand, specializing in power distribution equipment and automation systems for industrial, commercial, and residential applications, as well as civil infrastructure projects. The company's portfolio extends beyond hardware to include advanced software solutions, featuring the EKF Connect Home smart home ecosystem and the EKF Connect Industry cloud-based IIoT platform.

- 19 000+ SKUs
- 20+ countries of operation
- Extensive distribution network
- Rapid delivery
- 20+ years of experience
- In-house Research & Development
- Engineering services and project support department

## EKF AT A GLANCE

- Over 35 000 m² of modern manufacturing facilities in Eastern Europe and China
- Extensive network of logistics hubs
- Offices in Russia, Belarus, Kazakhstan, Uzbekistan, China, and UAE
- Global presence with local support

## QUALITY ASSURANCE, RESEARCH AND DEVELOPMENT

ISO 9001:2015 compliant world-class manufacturing facilities, validated by TÜV in 2020

Quality control by an in-house testing lab. Products certified by DEKRA, TÜV and other globally accredited certification companies

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# SCREWDRIVERS

# INSULATED SCREWDRIVERS

## MASTER

| Picture | Name | Tip | Shank size | Item code |
|---|---|---|---|---|
| | Slotted screwdriver SL3,5×75 mm MASTER EKF | SL (Slotted/Flat) | 3,5×75×0,6 mm | sl-3.5-75-mas |
| | Slotted screwdriver SL4×100 mm MASTER EKF | | 4×100×0,8 mm | sl-4-100-mas |
| | Slotted screwdriver SL5,5×125 mm MASTER EKF | | 5,5×125×1,0 mm | sl-5.5-125-mas |
| | Slotted screwdriver SL6,5×38 mm MASTER EKF | | 6,5×38×1,2 mm | sl-6.5-38-mas |
| | Phillips screwdriver PH0×75 mm MASTER EKF | Ph (Phillips) | PH0×75 mm | ph-0-75-mas |
| | Phillips screwdriver PH1×100 mm MASTER EKF | | PH1×100 mm | ph-1-100-mas |
| | Phillips screwdriver PH2×100 mm MASTER EKF | | PH2×100 mm | ph-2-100-mas |
| | Phillips screwdriver PH3×150 mm MASTER EKF | | PH3×150 mm | ph-3-150-mas |
| | Pozidriv screwdriver PZ1×100 mm MASTER EKF | Pz (Pozidriv) | PZ1×100 mm | pz-1-100-mas |
| | Pozidriv screwdriver PZ2×100 mm MASTER EKF | | PZ2×100 mm | pz-2-100-mas |

## EXPERT

1000 V

| Picture | Name | Tip | Shank size | Item code |
|---|---|---|---|---|
| | Insulated Slotted screwdriver SL3×75 mm 1000 V EXPERT EKF | SL (Slotted/Flat) | 3×75×0,5 mm | sl-3-75-exp-in |
| | Insulated Slotted screwdriver SL4×100 mm 1000 V EXPERT EKF | | 4×100×0,8 mm | sl-4-100-exp-in |
| | Insulated Slotted screwdriver SL5,5×125 mm 1000 V EXPERT EKF | | 5,5×125×1,0 mm | sl-5.5-125-exp-in |
| | Insulated Phillips screwdriver PH0×60 mm 1000 V EXPERT EKF | Ph (Phillips) | PH0×60 mm | ph-0-60-exp-in |
| | Insulated Phillips screwdriver PH1×80 mm 1000 V EXPERT EKF | | PH1×80 mm | ph-1-80-exp-in |
| | Insulated Phillips screwdriver PH2×100 mm 1000 V EXPERT EKF | | PH2×100 mm | ph-2-100-exp-in |
| | Insulated Pozidriv screwdriver PZ1×80 mm 1000 V EXPERT EKF | Pz (Pozidriv) | PZ1×80 mm | pz-1-80-exp-in |
| | Insulated Pozidriv screwdriver PZ2×100 mm 1000V EXPERT EKF | | PZ2×100 mm | pz-2-100-exp-in |

## PROFESSIONAL

Made in Germany

1000 V

| Picture | Name | Tip | Shank size | Item code |
|---|---|---|---|---|
| | Insulated Phillips screwdriver PH1×80 mm VDE 1000 V PROFESSIONAL EKF | Ph (Phillips) | PH1×80 mm | ph-1-80-pro-in |
| | Insulated Phillips screwdriver PH2×100 mm VDE 1000 V PROFESSIONAL EKF | | PH2×100 mm | ph-2-100-pro-in |
| | Insulated combination Phillips/Flat screwdriver PH-FL1×80 mm 1000 V PROFESSIONAL EKF | Ph-Fl (Phillips - Flat) | PH-FL1×80 mm | ph-fl-1-80-pro-in |
| | Insulated combination Phillips/Flat screwdriver PH-FL2×100 mm 1000 V VDE PROFESSIONAL EKF | | PH-FL2×100 mm | ph-fl-2-100-pro-in |
| | Insulated combination Pozidriv/Flat screwdriver PZ-FL1×80 mm 1000 V VDE PROFESSIONAL EKF | Pz-Fl (Pozidriv - Flat) | PZ-FL1×80 mm | pz-fl-1-80-pro-in |
| | Insulated Pozidriv/Flat screwdriver PZ-FL2×100 mm 1000 V VDE PROFESSIONAL EKF | | PZ-FL2×100 mm | pz-fl-2-100-pro-in |
| | Insulated Slotted screwdriver SL2,5×0,4 mm 1000 V VDE PROFESSIONAL EKF | SL (Slotted/Flat) | 2,5×0,4×2,5 mm | sl-2.5-0.4-pro-in |
| | Insulated Slotted screwdriver SL3,5×0,6 mm 1000 V VDE PROFESSIONAL EKF | | 3,5×0,6×3,5 mm | sl-3.5-0.6-pro-in |
| | Insulated Slotted screwdriver SL4×0,8 mm 1000 V VDE PROFESSIONAL EKF | | 4×0,8×4 mm | sl-4-0.8-pro-in |
| | Insulated Slotted screwdriver SL5,5×1 mm 1000 V VDE PROFESSIONAL EKF | | 5,5×1×5,5 mm | sl-5.5-1-pro-in |

## VOLTAGE TESTERS

MASTER

| Picture | Characteristics | Voltage tester OI-1 MASTER EKF |
|---|---|---|
| | AC voltage presence detection | 70-600 V |
| | DC voltage presence detection | 250 V |
| | DC circuit continuity and polarity test | 1,5-6 V |
| | De-energized circuit continuity check | Yes |
| | Item code | ST-10 |

MASTER

| Picture | Characteristics | Voltage tester OI-2e MASTER EKF |
|---|---|---|
| | AC voltage presence detection | 70-1000 V |
| | DC voltage presence detection | 250 V |
| | DC circuit continuity and polarity test | 1,2-36 V |
| | De-energized circuit continuity check | Yes |
| | Item code | ST-20e |

# PLIERS

MASTER

| Picture | Name | Length, mm | Item code |
|---|---|---|---|
| | Combination pliers 160 mm MASTER EKF | 160 | pas-160-mas |
| | Combination pliers 180 mm MASTER EKF | 180 | pas-180-mas |
| | Combination pliers 200 mm MASTER EKF | 200 | pas-200-mas |
| | Long nose pliers 160 mm MASTER EKF | 160 | dg-160-mas |
| | Curved long nose pliers 160 mm MASTER EKF | 160 | dgi-160-mas |
| | Cable cutters NK-12 MASTER EKF | 170 | nk-12-mas |
| | Cable cutters NK-16 MASTER EKF | 240 | nk-16-mas |
| | Diagonal cutters 160 mm MASTER EKF | 160 | bo-160-mas |
| | Reinforced diagonal cutters 180 mm MASTER EKF | 180 | sbo-180-mas |
| | Round nose pliers 160 mm MASTER EKF | 160 | kg-160-mas |

# INSULATED PLIERS

EXPERT

| Picture | Name | Length, mm | Item code |
|---|---|---|---|
| | Insulated combination pliers 160 mm 1000 V EXPERT EKF | 160 | pas-160-exp-in |
| | Insulated combination pliers 180 mm 1000 V EXPERT EKF | 180 | pas-180-exp-in |
| | Insulated long nose pliers 160 mm 1000 V EXPERT EKF | 160 | dg-160-exp-in |
| | Insulated curved long nose pliers 160 mm 1000 V EXPERT EKF | 160 | dgi-160-exp-in |
| | Insulated cable cutters NKi-12u 1000 V EXPERT EKF | 170 | nk-12y-exp-in |
| | Insulated cable cutters NKi-16u 1000 V EXPERT EKF | 240 | nk-16y-exp-in |
| | Insulated diagonal cutters 160 mm 1000 V EXPERT EKF | 160 | bo-160-exp-in |
| | Insulated reinforced diagonal cutters 180 mm 1000 V EXPERT EKF | 180 | sbo-180-exp-in |

# TOOL SETS

EXPERT

| Picture | Name | Description | Item code |
|---|---|---|---|
| 1000 V | Insulated tool set NII-01 EXPERT EKF | Screwdriver SL2,5×80 mm 1000 V EXPERT EKF - 1 pc.<br>Screwdriver SL4×100 mm 1000 V EXPERT EKF - 1 pc.<br>Screwdriver SL5,5×125 mm 1000 V EXPERT EKF - 1 pc.<br>Screwdriver PH1×80 mm 1000 V EXPERT EKF - 1 pc.<br>Screwdriver PH2×100 mm 1000 V EXPERT EKF - 1 pc.<br>Combination pliers 180 mm 1000 V EXPERT EKF - 1 pc.<br>Reinforced diagonal cutters 180 mm 1000 V EXPERT EKF - 1 pc.<br>Long nose pliers 160 mm 1000 V EXPERT EKF - 1 pc.<br>Voltage tester OI-1 EKF - 1 pc.<br>Soft case - 1 pc. | ndi-01 |

PROFESSIONAL

| Picture | Name | Description | Item code |
|---|---|---|---|
| Made in Germany 1000 V | Insulated screwdriver set NIO-10 PROFESSIONAL EKF | Insulated slotted screwdriver SL3,5×0,6 mm 1000V VDE PROFESSIONAL EKF - 1 pc.<br>Insulated slotted screwdriver SL4×0,8 mm 1000V VDE PROFESSIONAL EKF - 1 pc.<br>Insulated slotted screwdriver SL5,5×1 mm 1000V VDE PROFESSIONAL EKF - 1 pc.<br>Insulated Phillips screwdriver PH1×80 mm 1000V VDE PROFESSIONAL EKF - 1 pc.<br>Insulated Phillips screwdriver PH2×100 mm 1000V VDE PROFESSIONAL EKF - 1 pc.<br>Voltage tester OI-1 EKF - 1 pc. | ndo-10 |

# UTILITY KNIVES

18 mm
WIDE SNAP-OFF BLADES

TIGHTER CLEARANCE BETWEEN THE BLADE AND THE BLADE HOLDER

1,2 mm
THICK METAL BLADE HOLDER

AUTO LOCK- QUICK, AUTOMATIC DOUBLE-SIDED BLADE LOCK

| | Picture | Name | Blade width, mm | Blade thickness, mm | Item code |
|---|---|---|---|---|---|
| EXPERT | | Heavy duty snap-off utility knife 18 mm NCM-50 EXPERT EKF | 18 | 0,5 | ncm-50-exp |
| PROFESSIONAL | | Heavy duty snap-off utility knife 18 mm NCM-50 PROFESSIONAL EKF | | 0,7 | ncm-80-pro |

## SPARE SNAP-OFF BLADES

| | Picture | Name | Blade thickness, mm | Blade width, mm | Steel grade | Item code |
|---|---|---|---|---|---|---|
| EXPERT | | Snap-off blades 18 mm CM-30 EXPERT EKF | 0,5 | 18 | SK4 high-carbon tool steel | cm-s30 |
| PROFESSIONAL | | Snap-off blades 18 mm CM-60 PROFESSIONAL EKF | 0,7 | | | cm-s60 |

# CABLE AND WIRE CUTTERS

## RATCHET CABLE CUTTERS

| Model | Unarmored cable | Steel tape armored cable | Steel wire armored cable | Aluminium conductor steel-reinforced cable | Steel rope 1×7 | Steel rope 1×19 | Low carbon steel rebar and fittings, chains |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| Ratchet cable cutter NC-70BC EXPERT EKF | 75 | 75 | 70 | - | - | - | - |
| Ratchet cable cutter NC-100BCR EXPERT EKF | 110 | 110 | - | - | - | - | - |
| Ratchet cable cutter NC-30C EXPERT EKF | - | - | 10 | 35 | 10 | - | - |
| Ratchet cable cutter NC-50BAC EXPERT EKF | - | - | 16 | 50 | 12 | 16 | 16 |
| Ratchet cable cutter NC-45BC EXPERT EKF | 45 | 45 | - | - | - | - | - |

EXPERT

| Picture | Name | Ratchet cable cutter NC-45BC EXPERT EKF |
|---|---|---|
| | Description | Ratchet cable cutter NC-45BC is designed for cutting stranded copper and aluminium cables with a maximum diameter of 45 mm.<br>Total cable cross-section: 400 mm² |
| | Features | • Return spring for easy one hand operation<br>• Unlock latch to open up the cutter at any time<br>• Smaller ratchet gear teeth to decrease cutting effort<br>• Fold down handle lock to reduce storage dimensions |
| | Weight, g | 900 |
| | Length, mm | 283 |
| | Delivery scope | Ratchet cable cutter; technical manual, storage and carrying bag |
| | Item code | nc-45 |

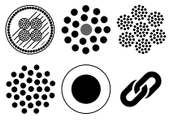
EXPERT

| Picture | Name | Ratchet cable cutter NC-30C EXPERT EKF |
|---|---|---|
| | Description | Ratchet cable cutter NC-30C with replaceable blades is designed for cutting stranded copper and aluminium cables, including armored aluminium core cable and low-alloy steel rebar.<br>Steel core aluminium cable diameter: 35 mm.<br>Al cable cross-section: 630 mm².<br>Steel rope diameter: 30 mm.<br>Low-alloy steel rebar diameter: 14 mm.<br>Steel chain diameter: 10 mm.<br>Great for cutting ABC. |
| | Features | • Replaceable blades<br>• Unlock latch to open up the cutter at any time<br>• Smaller ratchet gear teeth to decrease cutting effort<br>• Screw connection of the blades so that they can be retightened<br>• Blades can be re-sharpened |
| | Weight, g | 3650 |
| | Length, mm | 400 |
| | Delivery scope | Ratchet cable cutter; technical manual, storage and carrying bag |
| | Item code | nc-30 |



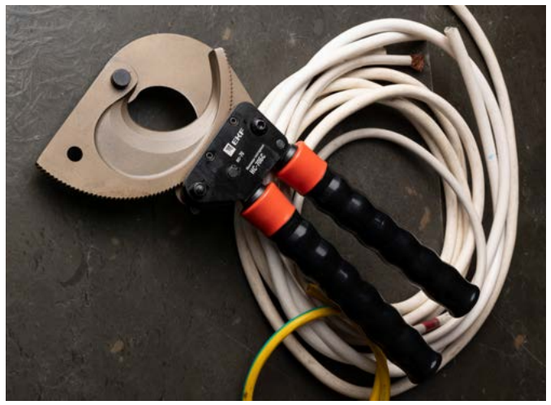


EXPERT

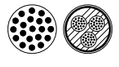
| Picture | Name | Ratchet cable cutter NC-50BAC EXPERT EKF |
|---|---|---|
|  | Description | Ratchet cable cutter NC-50BAC is designed to cut stranded copper, armored aluminium cable, steel core aluminium cable, steel rope and mild steel rebar.<br>Steel core aluminium cable diameter: 50 mm (cross-section: 1962 mm²).<br>Cu cable cross-section: 400 mm².<br>Al cable cross-section: 400 mm².<br>Mild steel rebar diameter: 16 mm.<br>Steel chain diameter: 12 mm.<br>Great for cutting ABC. |
| | Features | • Cuts steel core aluminium cable with cross-section of up to 1440 mm²<br>• Unlock latch to open up the cutter at any time<br>• Smaller ratchet gear teeth to decrease cutting effort<br>• Screw connection of the blades so that they can be retightened<br>• Blades can be re-sharpened |
| | Weight, g | 3300 |
| | Length, mm | 390 |
| | Delivery scope | Ratchet cable cutter; technical manual, storage and carrying bag |
| | Item code | nc-50 |

EXPERT

| Picture | Name | Ratchet cable cutter NC-70BC EXPERT EKF |
|---|---|---|
| | **Description** | Ratchet cable cutter NC-70BC is designed for cutting stranded copper and aluminium cables, including reinforced armor cables and telephone cables with up to 3600 wire pairs.<br>Cable diameter: 70 mm.<br>Cu cable cross-section: 3×120 mm².<br>Al cable cross-section: 3×150 mm². |
| | **Features** | • Unlock latch to open up the cutter at any time<br>• Highly reliable twist-and-lock telescoping handles for easier use<br>• Refined ratchet tooth shape for improved durability |
| | **Weight, g** | 3700 |
| | **Length, mm** | 580 |
| | **Delivery scope** | Ratchet cable cutter; technical manual, storage and carrying bag |
| | **Item code** | nc-70 |



EXPERT

| Picture | Name | Ratchet cable cutter NC-100BCR EXPERT EKF |
|---|---|---|
|  | **Description** | Ratchet cable cutter NC-100BCR is designed for cutting stranded copper and armored copper and aluminium cables.<br>Cable diameter: 100 mm.<br>Cu wire cross-section: 3×300 mm².<br>Al wire cross section: 3×300 mm². |
| | **Features** | • Unlock latch to open up the cutter at any time<br>• Highly reliable twist-and-lock telescoping handles for easier use<br>• Refined ratchet tooth shape for improved durability<br>• Combination cut/chop blade profile enables even cuts, without pulling and straining the wires |
| | **Weight, g** | 6650 |
| | **Length, mm** | 510 |
| | **Delivery scope** | Ratchet cable cutter; technical manual, storage and carrying bag |
| | **Item code** | nc-100 |

## SPARE PARTS

EXPERT

| Picture | Name | Repair kit for ratchet cable cutter NC-50BAC EXPERT EKF |
|---|---|---|
| | Delivery scope | • Moving blade<br>• Fixed blade<br>• Ratchet with needle bearings<br>• Ratchet pawl<br>• Pawl spring<br>• Ratchet spring<br>• Axial screw<br>• Axial screw nut<br>• Return spring<br>• Pin |
| | Compatible models | nc-50 |
| | Item code | slnc-50 |

EXPERT

| Picture | Name | Repair kit for ratchet cable cutter NC-70BC EXPERT EKF |
|---|---|---|
| | Delivery scope | • Moving blade<br>• Fixed blade<br>• Ratchet with needle bearings<br>• Ratchet pawl<br>• Pawl spring<br>• Ratchet spring<br>• Axial screw<br>• Axial screw nut<br>• Return spring<br>• Pin |
| | Compatible models | nc-70 |
| | Item code | slnc-70 |

EXPERT

| Picture | Name | Repair kit for ratchet cable cutter NC-100BCR EXPERT EKF |
|---|---|---|
| | Delivery scope | • Moving blade<br>• Fixed blade<br>• Ratchet with needle bearings<br>• Axial screw<br>• Axial screw nut<br>• Multiplier gear<br>• Pin |
| | Compatible models | nc-100 |
| | Item code | slnc-100 |

## ELECTRICIAN'S SCISSORS

Made in Germany

Quality Solingen steel

**ATTENTION!** Do not use the tool for live work!

TEXTURED HANDLES FOR IMPROVED GRIP

BUILT-IN CRIMPER FOR E AND TE-2 FERRULES

HIGH-QUALITY SOLINGEN STEEL BLADES

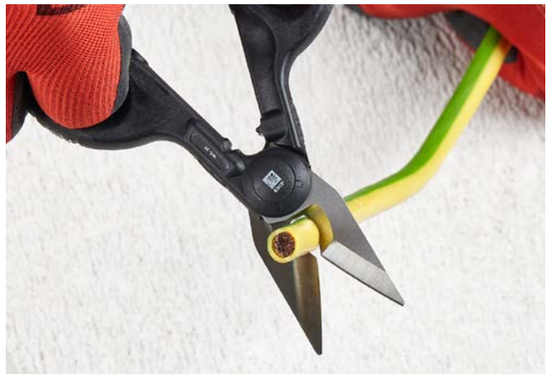
TWO-PART HANDLES

HIGH-STRENGTH REINFORCED POLYAMIDE HANDLES

TRANSVERSE INSULATION STRIPPING

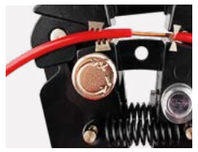
PROFESSIONAL

| Picture | Name | Electrician's scissors WS-35 PROFESSIONAL EKF |
|---|---|---|
| | Features | • Cuts stranded copper cables with cross-section up to 50 mm² as well as plastic and aluminium<br>• Not intended for cutting steel<br>• Cable stripping blade section<br>• Crimps 0,5-4 mm² non-insulated cord end terminals E and TE-2<br>• Plastic clip-on carry case included |
| | Weight, g | 90 |
| | Length, mm | 150 |
| | Item code | ws-35 |



# WIRE STRIPPERS

WIRE STRIPPING



BLADE CLAMPING ADJUSTMENT MECHANISM

CRIMPING OF INSULATED AND NON-INSULATED CORD END FERRULES

ADJUSTABLE STRIP STOP

REPLACEABLE CUTTER BLADE

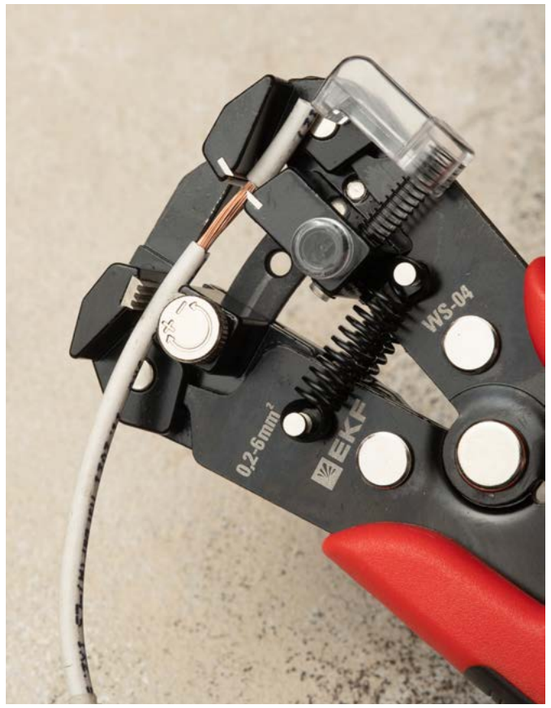
| MASTER | Picture | Name | Multifunctional automatic stripper WS-04 MASTER EKF |
|---|---|---|---|
| | | Description | Multifunctional automatic stripper is designed for stripping and cutting wires with the cross-section of 0,2-6 mm² and crimping wire cord end ferrules |
| | | Features | • Insulation stripping: 0,2-6 mm²<br>• Blade clamping adjustment mechanism<br>• Adjustable strip stop<br>• Replaceable cutter blade<br>• Crimps insulated and non-insulated cord end ferrules |
| | | Cross-section, mm² | 0,2-6,0 |
| | | Item code | ws-04 |





| MASTER | Picture | Name | Multifunctional hand stripper WS-01 MASTER EKF |
|---|---|---|---|
| | | Description | Multifunctional hand stripper is designed for stripping and cutting wires with the cross-section of 0,5-6 mm² and crimping wire cord end ferrules |
| | | Features | • Side cutter for snipping wires in hard to reach places<br>• Concealed return spring mechanism. Easy to operate one-handed<br>• Strips 0,5-6 mm² wires<br>• Crimps insulated and non-insulated cord end ferrules<br>• Handle lock for easy storage and carry |
| | | Cross-section, mm² | 0,5-6,0 |
| | | Item code | ws-01 |

| MASTER | Picture | Name | Multifunctional semi-automatic stripper WS-03 MASTER EKF |
|---|---|---|---|
| | | Description | Multifunctional semi-automatic stripper is designed for stripping and cutting wires with the cross-section of 0,5-6 mm² and crimping wire cord end ferrules |
| | | Features | • Insulation stripping: 0,5-6 mm²<br>• Built-in stripping stop<br>• Blade clamping adjustment mechanism<br>• Concealed return spring mechanism. Easy to operate one-handed<br>• Replaceable cutter blade<br>• Crimps insulated and non-insulated cord end ferrules |
| | | Cross-section, mm² | 0,5-6,0 |
| | | Item code | ws-03 |



# AUTOMATIC WIRE STRIPPER WS-11 PROFESSIONAL EKF

Made in Germany

Quality Solingen steel

STRIPS INSULATION 0,2-6 mm² REPLACEABLE BLADES

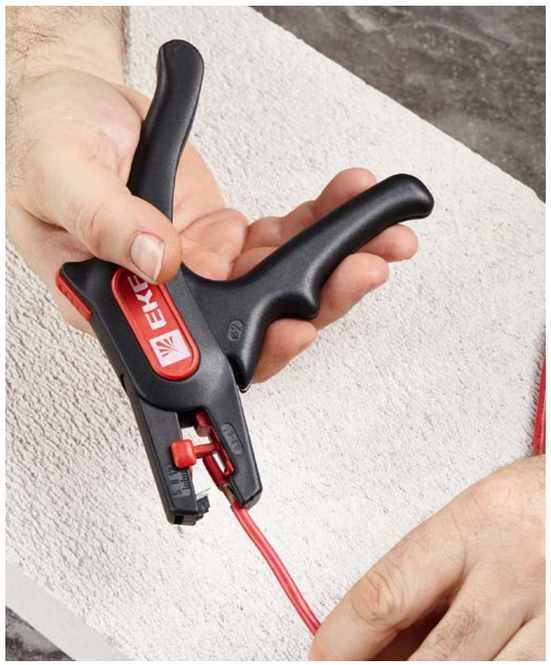
BUILT-IN CUTTER FOR UP to 2 mm WIRES

REMOVABLE 12 mm STRIP STOP

HANDLE LOCK

PROFESSIONAL

| Picture | Name | Automatic wire stripper WS-11 PROFESSIONAL EKF |
|---|---|---|
| | Description | Automatic wire stripper WS-11, made in Germany, works perfect for stripping insulation from 0,2-6 mm² wires. Thanks to its design, WS-11 automatically adjusts to any compatible wire type. The tool features graduated strip stop that can be adjusted in the 5 to 12 mm range, as well as a built-in 2 mm wire cutter. Replaceable Solingen steel blades extend the life of the tool |
| | Cross-section, mm² | 0,2-6,0 |
| | Item code | ws-11 |
| | Wire type | |







# AUTOMATIC WIRE STRIPPER WS-14 PROFESSIONAL EKF

Made in Germany

Quality Solingen steel

STRIPS FLAT 3-WIRE 0,75-4-6 mm² CABLE IN ONE GO

BUILT-IN CUTTER FOR UP to 3 mm WIRES

FEED-THROUGH CONSTRUCTION

5-STEP ADJUSTABLE BLADE CLAMPING REGULATOR + -

PROFESSIONAL

| Picture | Name | Automatic wire stripper WS-14 PROFESSIONAL EKF |
|---|---|---|
| | Description | Made in Germany and featuring a pass-through construction the Automatic wire stripper WS-14 is perfect for stripping outer sheath from 0,75-4 mm² flat cables as well as insulation from 0,5-16 mm² individual wires. Thanks to its design, WS-14 automatically adjusts to the size and type of wire. Easy to maneuver in tight and cramped spaces. Built-in cutter for wires up to 3 mm in diameter. Replaceable Solingen steel blades extend the life of the tool |
| | Cross-section, mm² | 0,75-4,0 |
| | Item code | ws-14 |
| | Wire type | |

# MULTIFUNCTIONAL HAND STRIPPER WS-20 PROFESSIONAL EKF

Made in Germany

Quality Solingen steel

STRIPS OUTER SHEATH FROM UP TO 18 mm ROUND AND FLAT CABLE

WIRE STRIPPING 0,5...6 mm²

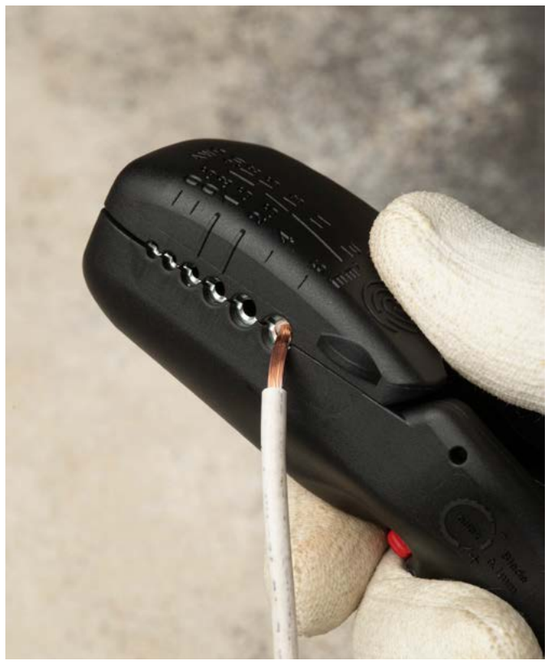
ROUND 6-13 mm

ROUND 6-13 mm FLAT up to 18 mm

STRIP DEPTH ADJUSTABLE IN 0,1 mm INCREMENTS

PROFESSIONAL

| Picture | Name | Multifunctional hand stripper WS-20 PROFESSIONAL EKF |
|---|---|---|
| | Description | Multifunctional hand stripper WS-20, made in Germany, is designed for stripping outer PVC sheath from 6 to 13 mm round cables, flat cables up to 18 mm, and 0,5-6 mm² wire insulation. Easy to maneuver in tight and cramped spaces. Replaceable Solingen steel blades extend the life of the tool |
| | Cross-section, mm² | 0,5-6 |
| | Item code | ws-20 |
| | Wire type | |







# AUTOMATIC WIRE STRIPPER WS-22 PROFESSIONAL EKF

Made in Germany

Quality Solingen steel

STRIPS INSULATION 0,2-6 mm² REPLACEABLE BLADES

BUILT-IN CUTTER FOR UP to 3 mm WIRES

REMOVABLE 25 mm STRIP STOP

HANDLE LOCK

PROFESSIONAL

| Picture | Name | Automatic wire stripper WS-22 PROFESSIONAL EKF |
|---|---|---|
| | Description | Automatic wire stripper WS-22, made in Germany, works perfect for stripping insulation from 0,2-16 mm² wires. Thanks to its design, the tool automatically adjusts to any compatible wire type. The tool features graduated strip stop that can be adjusted up to 25 mm, as well as a built-in 3 mm wire cutter. Replaceable Solingen steel blades extend the life of the tool |
| | Cross-section, mm² | 0,2-16,0 |
| | Item code | ws-22 |
| | Wire type | |

# MULTIFUNCTIONAL HAND STRIPPER WS-13 PROFESSIONAL EKF

Made in Germany

Quality Solingen steel

STRIPS OUTER 8-13 mm SHEATH, INNER 0,5-6 mm²

NON-ADJUSTABLE LONGITUDINAL CUT 3×1,5 mm²-5×2,5 mm²

BUILT-IN CUTTER FOR UP to 6 mm WIRES

HANDLE LOCK

PROFESSIONAL

| Picture | Name | Multifunctional hand stripper WS-13 PROFESSIONAL EKF |
|---|---|---|
| | Description | Multifunctional hand stripper WS-13, made in Germany, is designed to strip outer sheath from 8-13 mm cable and insulation from 0,5-6 mm² wires. Side cutter for working in tight spaces and buit-in knife for longitudinal cuts, built-in cutter for wires up to 6 mm in diameter |
| | Cross-section, mm² | 0,5-6,0 |
| | Item code | ws-13 |
| | Wire type | |

# MULTIFUNCTIONAL HAND STRIPPER WS-16 PROFESSIONAL EKF

Made in Germany

Quality Solingen steel

STRIPS OUTER 8-13 mm SHEATH, INNER 0,5-6 mm²

NON-ADJUSTABLE LONGITUDINAL CUT 3×1,5 mm²-5×2,5 mm²

10 POSITION RETRACTABLE AND REPLACEABLE HOOK BLADE

HANDLE LOCK

PROFESSIONAL

| Picture | Name | Multifunctional hand stripper WS-16 PROFESSIONAL EKF |
|---|---|---|
| | Description | Multifunctional hand stripper WS-16, made in Germany, is designed to strip outer sheath with both transverse and longitudinal cuts from 8-13 mm cable and insulation from 0,5-6 mm² wires. The tool features a 10-step adjustable cable knife with blade lock. Replaceable Solingen steel blade extend the life of the tool |
| | Cross-section, mm² | 0,5-6,0 |
| | Item code | ws-16 |
| | Wire type | |

# MULTIFUNCTIONAL HAND STRIPPER WS-17 PROFESSIONAL EKF

Made in Germany

Quality Solingen steel

PUSH AND SQUEEZE STRIPPING ACTION

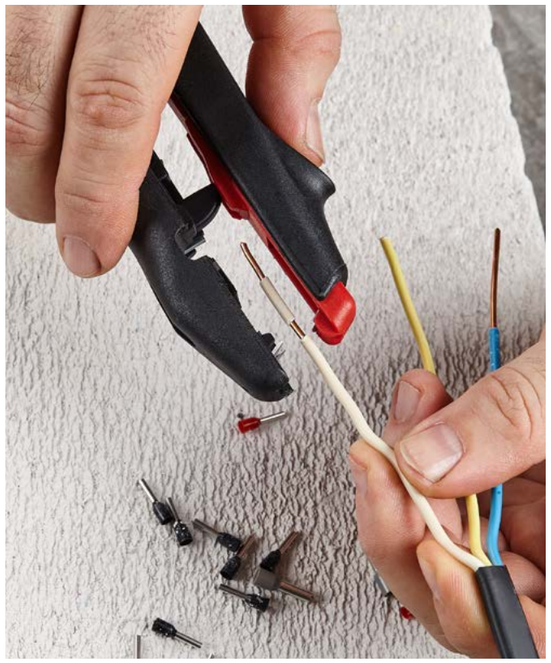
STRIPS INSULATION 0,5-6 mm²
REPLACEABLE BLADES

BUILT-IN CUTTER FOR UP to 3 mm WIRES

TWO BUILT-IN CRIMPERS 0,5-2,5 mm² and 4-6 mm²

PROFESSIONAL

| Picture | Name | Multifunctional hand stripper WS-17 PROFESSIONAL EKF |
|---|---|---|
| | Description | Multifunctional hand stripper WS-17, made in Germany, is designed for stripping insulation from 0,5-6 mm² wires. Thanks to its design, the tool automatically adjusts to any compatible wire type. Easy to maneuver in tight and cramped spaces. The tool features two dedicated built-in crimpers for 0,5-6 mm² insulated and non-insulated cord end terminals as well as a 6 mm² wire cutter. Replaceable Solingen steel blades extend the life of the tool |
| | Cross-section, mm² | 0,5-6,0 |
| | Item code | ws-17 |
| | Wire type | |







# WIRE STRIPPER COMPARISON: PROFESSIONAL

| Item code | Picture | Wire stripping | | | Cutting | Spare blade |
|---|---|---|---|---|---|---|
| | | Round cable | Flat cable | Inner conductors | | |
| | | Diameter, mm | Width, mm | Conductor cross-section, mm² | Diameter, mm | |
| WS-11 | | - | - | 0,2...6 | up to 2 | slws-11 |
| WS-14 | | - | up to 11 | 0,5...16 | up to 3 | slws-14 |
| WS-22 | | - | - | 0,2...16 | up to 3 | slws-22 |
| WS-20 | | 6...13 | up to 18 | 0,5...6 | - | slws-20 |
| WS-13 | | 8...13 | - | 0,5...6 | up to 6 | - |
| WS-16 | | 6...13 | - | 0,5...6 | - | slws-16 |
| WS-17 | | - | - | 0,5...6 | up to 3 | slws-17 |

# CABLE STRIPPING KNIFE WS-12 PROFESSIONAL EKF

Made in Germany

Quality Solingen steel

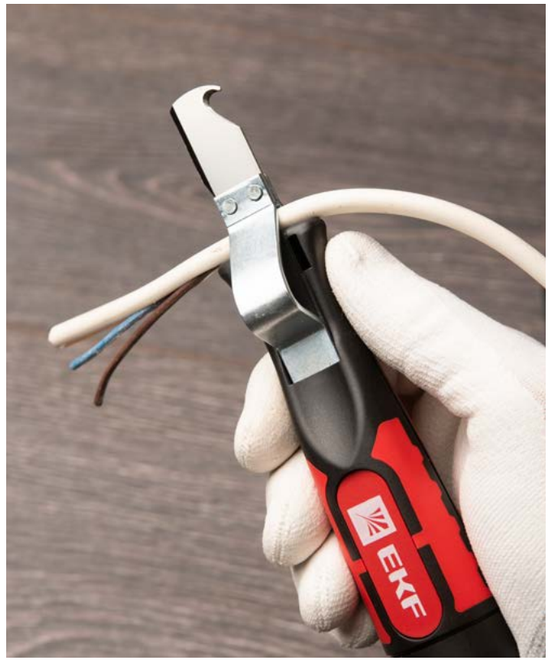
TRANSVERSE AND LONGITUDINAL CUT 4-28 mm

STEEL BRACE WITH HOOK BLADE

ADJUSTABLE DEPTH OF CUT

TOOL-LESS BLADE CHANGE

| PROFESSIONAL | Picture | Name | Cable stripping knife WS-12 PROFESSIONAL EKF |
|---|---|---|---|
| | | Description | Cable striping knife WS-12 is designed to quickly and accurately strip PVC sheaths from 4 to 28 mm cables using an integrated rotating eccentric blade, which enables a circular cross- or longitudinal cut of the cable sheath |
| | | Diameter, mm | 4-28 |
| | | Item code | ws-12 |
| | | Wire type | |



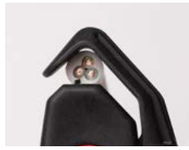




# CABLE STRIPPING KNIFE WS-15 PROFESSIONAL EKF

Made in Germany

Quality Solingen steel



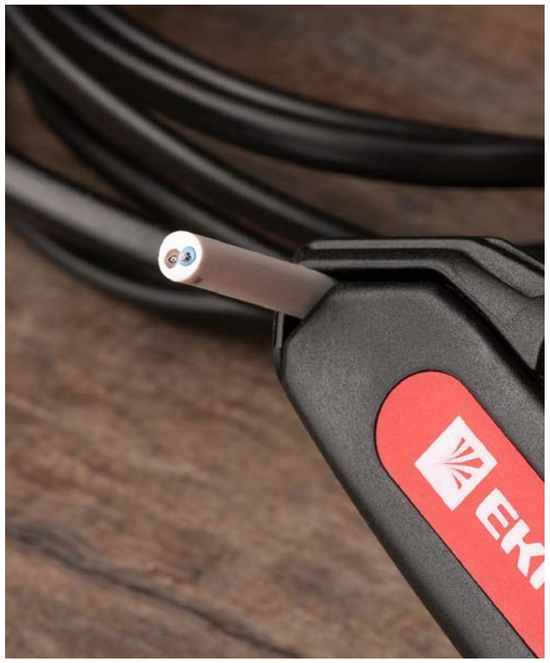
TRANSVERSE CUTTING OF 4-28 mm ROUND CONDUCTORS

LONGITUDINAL CUTTING OF 4-28 mm ROUND CONDUCTORS

ADJUSTABLE DEPTH OF CUT

HOOK BLADE LOCK IN THE EXTENDED POSITION

| PROFESSIONAL | Picture | Name | Cable stripping knife WS-15 PROFESSIONAL EKF |
|---|---|---|---|
| | | Description | Cable stripping knife WS-15 is designed to quickly and accurately strip PVC sheaths from round cables 4 to 28 mm in diameter using the integrated rotating eccentric blade, which enables a circular cross- or longitudinal cut of the cable sheath |
| | | Diameter, mm | 4-28 |
| | | Item code | ws-15 |
| | | Wire type | |



## CABLE STRIPPING KNIFE WS-18 PROFESSIONAL EKF

Made in Germany

Quality Solingen steel

TRANSVERSE AND LONGITUDINAL CUT 28-35 mm

ADJUSTABLE DEPTH OF CUT

TOOL-LESS BLADE CHANGE

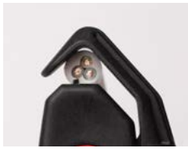
PROFESSIONAL

| Picture | Name | Cable stripping knife WS-18 PROFESSIONAL EKF |
|---|---|---|
| | Description | Cable stripping knife WS-18 is designed to quickly and accurately strip outer PVC sheath from round cables 28 to 35 mm in diameter using the integrated rotating eccentric blade, which enables a circular cross- or longitudinal cut of the cable sheath |
| | Diameter, mm | 28-35 |
| | Item code | ws-18 |
| | Wire type | |

## CABLE STRIPPING KNIFE WS-19 PROFESSIONAL EKF

Made in Germany

Quality Solingen steel



TRANSVERSE AND LONGITUDINAL CUT 4-28 mm

ADJUSTABLE DEPTH OF CUT

WIRE STRIPPING 0,5 to 6 mm²

PROFESSIONAL

| Picture | Name | Cable stripping knife WS-19 PROFESSIONAL EKF |
|---|---|---|
| | Description | Cable stripping knife WS-19 is designed to quickly and accurately strip outer PVC sheaths from round cables 4 to 28 mm in diameter using the integrated rotating eccentric blade, which enables a circular cross- or longitudinal cut of the cable sheath, as well as stripping of 0,5-6 mm² individual wires |
| | Diameter, mm | 4-28 |
| | Item code | ws-19 |
| | Wire type | |

## CABLE STRIPPING KNIVES PROFESSIONAL

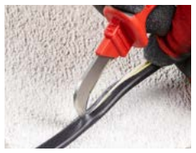
| Item | Picture | Round cable stripping, mm | Conductor insulation stripping, mm² | Replaceable blade |
|---|---|---|---|---|
| WS-12 | | 4-28 | - | slws-12/18 |
| WS-15 | | 4-28 | - | slws-15/19 |
| WS-18 | | 28-35 | - | slws-12/18 |
| WS-19 | | 4-28 | 0,5-6 | slws-15/19 |

## INSULATED CABLE KNIFE WITH GUIDE SHOE 1000V WS-31 PROFESSIONAL EKF

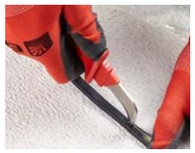
Made in Germany

Quality Solingen steell

LONGITUDINAL CUT TOWARDS AND FROM THE USER, WITHOUT DAMAGING THE WIRES



PERMITS ANGLING THE KNIFE TO MAKE THE CUT EASIER



USE SAFETY GLOVES TO AVOID INJURY

SMALLER GUIDE SHOE, TESTED TO WITHSTAND UP TO 1600 N OF FORCE

PROFESSIONAL

| Picture | Name | Insulated cable knife with guide shoe 1000V WS-31 PROFESSIONAL EKF |
|---|---|---|
| 1000 V | Description | Insulated cable knife with guide shoe 1000V WS-31 is designed to strip outer sheath and insulation from round and flat cables. Double-edged blade, to cut both towards and away from the user |
| | Item code | ws-31 |
| | Wire type | |

PROFESSIONAL

| Picture | Name | Spudger Easy Opener PROFESSIONAL EKF |
|---|---|---|
| | Description | Easy opener is designed to facilitate opening and disassembly of plastic housings and cases |
| | Features | • Does not scratch or damage the housing<br>• Flexible glass reinforced polyamide construction |
| | Wire type | easy-opener |

# WIRE CRIMPERS

## CRIMPING PLIERS MASTER

MASTER

| Picture | Name | Cross-section, mm² | Crimping profile | Item code |
|---|---|---|---|---|
| | Crimping pliers PK-16 MASTER EKF | 1,5-16,0 | Dimple | pk-16-mas-m |
| | Crimping pliers PK-35 MASTER EKF | 2,5-35,0 | Dimple | pk-35-mas |

## CRIMPING PLIERS EXPERT

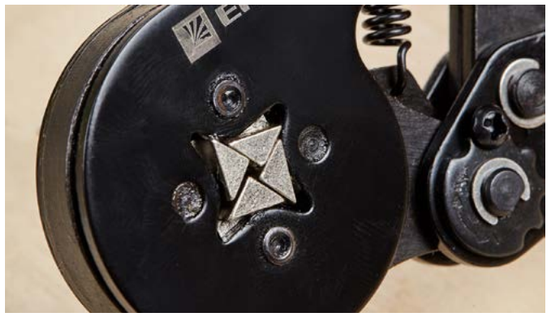
EXPERT

| Picture | Name | Terminal type | Cross-section, mm² | Crimping profile | Item code |
|---|---|---|---|---|---|
| | Crimping pliers PK-01 (0,5-6,0 mm² RV, SV, PTV, DBV) EXPERT EKF | RV, SV, PTV, DBV | 0,5-6,0 | Oval | pk-01-exp-m |
| | Crimping pliers PK-02 (0,25-6,0 mm² E, EN) EXPERT EKF | E, EN | 0,25-6,0 | Trapezoid | pk-02-exp-m |
| | Crimping pliers PK-03 (4,0-16,0 mm² E, EN) EXPERT EKF | E, EN | 4,0-16,0 | Trapezoid | pk-03-exp-m |
| | Crimping pliers PK-04 (0,5-6,0 mm² JGP) EXPERT EKF | JG | 0,5-6,0 | Automotive | pk-04-exp-m |
| | Crimping pliers PK-05 (0,5-10,0 mm² JG, GTY) EXPERT EKF | JG, GTY | 0,5-10,0 | Dimple | pk-05-exp-m |
| | Crimping pliers PK-06 (2×0,5-2×6,0 mm² TE) EXPERT EKF | TE | 2×0,5-2×6,0 | Trapezoid | pk-06-exp-m |

## CRIMPING PLIERS FOR INSULATED WIRE FERRULES

EXPERT

| Picture | Name | Terminal type | | Crimping profile | Item code |
|---|---|---|---|---|---|
| | | E, EN | TE | | |
| | Crimping pliers PKV-6-4 EXPERT EKF | 0,25-6,0 | 2×0,5-2×4 | Square | pkv-6-4-exp-m |
| | Crimping pliers PKV-6-6 EXPERT EKF | 0,25-6,0 | 2×0,5-2×4 | Hexagon | pkv-6-6-exp-m |
| | Crimping pliers PKV-16-4 EXPERT EKF | 4,0-16,0 | 2×4-2×6 | Square | pkv-16-4-exp-m |
| | Crimping pliers PKVt-16-4 EXPERT EKF | 0,25-16,0 | 2×0,5-2×10,0 | Square | pkvt-16-4-exp-m |
| | Crimping pliers PKVu-16-6 EXPERT EKF | 0,25-16,0 | 2×0,5-2×6,0 | Hexagon | pkvy-16-6-exp-m |
| | Crimping pliers PKV-70 EXPERT EKF | 25,0-70,0 | 10,0-16,0 | Two-point trapezoid | pkv-70-exp |



## MECHANICAL CRIMPING TOOLS

EXPERT

| Picture | Name | Mechanical crimping tool PK-50 EXPERT EKF | Mechanical crimping tool PK-120 EXPERT EKF |
|---|---|---|---|
| | Description | Mechanical crimping tool PK-50 is designed for manual crimping of aluminium and copper cable lugs and sleeves with the cross-section of 6-50 mm² using integrated rotating dies | Mechanical crimping tool PK-120 is designed for manual crimping of aluminium and copper cable lugs and sleeves with the cross-section of 10-120 mm² using integrated rotating dies |
| | The rotating die design enables quick selection of the required size. | | |
| | Cross-section, mm² | 6, 10, 16, 25, 35, 50 | 10, 16, 25, 35, 50, 70, 95, 120 |
| | Terminal type | Hexagon | |
| | Weight, kg | 1,4 | 3,8 |
| | Delivery scope | Mechanical crimping tool PK-50 Cardboard box | Mechanical crimping tool PK-120 Cardboard box |
| | Item code | pk-50-exp-m | pk-120-exp-m |

## HYDRAULIC CRIMPERS MASTER

MASTER

| Picture | Name | Manual hydraulic crimping tool PGR-70 MASTER EKF |
|---|---|---|
| | Description | Manual hydraulic crimping tool PGR-70 is designed for crimping aluminium and copper cable lugs and sleeves with the cross-section from 4 to 70 mm² |
| | Cross-section, mm² | 4, 6, 8, 10, 16, 25, 35, 50, 70. Interchangeable dies for quality crimping of thin-walled JG lugs |
| | Crimping profile | Hexagon |
| | Crimping force, tons | 4,5 |
| | Net / Gross weight, kg | 1,7 / 2,7 |
| | Delivery scope | Plastic case, set of dies, hydraulic crimping tool, technical manual, repair kit |
| | Item code | pgr-70-m |

MASTER

| Picture | Name | Manual hydraulic crimping tool PGR-120 MASTER EKF |
|---|---|---|
| | Description | Manual hydraulic crimping tool PGR-120 is designed for crimping aluminium and copper cable lugs and sleeves with the cross-section from 10 to 120 mm² |
| | Cross-section, mm² | 10, 16, 25, 35, 50, 70, 95, 120. The dies have been improved for quality crimping of thin-walled JG lugs |
| | Crimping profile | Hexagon |
| | Crimping force, tons | 6 |
| | Net / Gross weight, kg | 2,7 / 4,3 |
| | Delivery scope | Plastic case, set of dies, hydraulic crimping tool, technical manual, repair kit |
| | Item code | pgr-120-m |

MASTER

| Picture | Name | Manual hydraulic crimping tool PGR-300 MASTER EKF |
|---|---|---|
| | Description | Manual hydraulic crimping tool PGR-300 is designed for crimping aluminium and copper cable lugs and sleeves with the cross-section from 10 to 300 mm² |
| | Cross-section, mm² | 10, 16, 25, 35, 50, 70, 95, 120, 150, 185, 240, 300. Interchangeable dies for quality crimping of thin-walled JG lugs |
| | Crimping profile | Hexagon |
| | Crimping force, tons | 7 |
| | Net / Gross weight, kg | 3,6 / 6,2 |
| | Delivery scope | Plastic case, set of dies, hydraulic crimping tool, technical manual, repair kit |
| | Item code | pgr-300-m |

## HYDRAULIC CRIMPING TOOLS EXPERT

EXPERT

| Picture | Name | Manual hydraulic crimping tool PGRs-70 EXPERT EKF |
|---|---|---|
| | Description | Manual hydraulic crimping tool PGRs-70 is designed for crimping aluminium and copper cable lugs and sleeves with the cross-section from 4 to 70 mm². The model is equipped with a pressure limiting valve to prevent over-pressurization and preserve tool life |
| | Cross-section, mm² | 4, 6, 8, 10, 16, 25, 35, 50, 70.<br>The dies have been improved for quality crimping of thin-walled JG lugs |
| | Crimping profile | Hexagon |
| | Crimping force, tons | 4,5 |
| | Net / Gross weight, kg | 1,8 / 2,8 |
| | Delivery scope | Plastic case, set of dies, hydraulic crimping tool, technical manual, repair kit |
| | Item code | pgrs-70-m |

EXPERT

| Picture | Name | Manual hydraulic crimping tool PGRs-120 EXPERT EKF |
|---|---|---|
| | Description | Hydraulic crimping tool PGRs-120 is designed for crimping aluminium and copper cable lugs and sleeves with the cross-section from 10 to 120 mm². The model is equipped with a pressure limiting valve to prevent over-pressurization and preserve tool life |
| | Cross-section, mm² | 10, 16, 25, 35, 50, 70, 95, 120.<br>The dies have been improved for quality crimping of thin-walled JG lugs |
| | Crimping profile | Hexagon |
| | Crimping force, tons | 6 |
| | Net / Gross weight, kg | 2,9 / 4,5 |
| | Delivery scope | Plastic case, set of dies, hydraulic crimping tool, technical manual, repair kit |
| | Item code | pgrs-120-m |

EXPERT

| Picture | Name | Manual hydraulic crimping tool PGRs-300 EXPERT EKF |
|---|---|---|
| | Description | Hydraulic crimping tool PGRs-300 is designed for crimping aluminium and copper cable lugs and sleeves with the cross-section from 10 to 300 mm². The model is equipped with a pressure limiting valve to prevent over-pressurization and preserve tool life |
| | Cross-section, mm² | 10, 16, 25, 35, 50, 70, 95, 120, 150, 185, 240, 300.<br>Interchangeable dies for quality crimping of thin-walled JG lugs |
| | Crimping profile | Hexagon |
| | Crimping force, tons | 7 |
| | Net / Gross weight, kg | 4,0 / 6,5 |
| | Delivery scope | Plastic case, set of dies, hydraulic crimping tool, technical manual, repair kit |
| | Item code | pgrs-300-m |

# TAPE MEASURES

FLOATING HOOK

STRONGER MAGNETS

DOUBLE SIDED

AUTO-STOP

| Picture | Name | Length, m | Item code |
|---|---|---|---|
| | Tape measure RS-10 (3 m×16 mm) EXPERT EKF | 3 | rs-10-3-16-quad |
| | Tape measure RS-10 (5 m×25 mm) EXPERT EKF | 5 | rs-10-5-25-quad |

# LASER DISTANCE METERS

LARGER LENS FOR GREATER ACCURACY AND MEASUREMENT SPEED

BUILT-IN TILT SENSOR

INTEGRATED SPIRIT LEVEL FOR GREATER ACCURACY

LCD DAYLIGHT BACKLIT DISPLAY

IP54 HOUSING

BUILT-IN MEMORY FOR 20 MEASUREMENTS

| | Name | Max. measurement range, m | Number of reference points | Accuracy, mm | Item code |
|---|---|---|---|---|---|
| EXPERT | Laser distance meter LDM-50 EXPERT EKF | 50 | 2 | ± 2,0 | ldm-50 |
| | Laser distance meter LDM-70 EXPERT EKF | 70 | | | ldm-70 |

# MULTIMETERS

## MULTIMETERS PROFESSIONAL

**Model:** MS18C
**Safety Rating:** CAT III 1000V / CAT IV 600V

TRMS · V̄ · Ā · Ω · Hz · °C/°F · hFE · H · NCV · Apo · LIVE

PROFESSIONAL

### Basic functions

| Measurement | Measuring range | Accuracy |
|---|---|---|
| Direct current voltage (DCV) | 600 mV / 6 V / 60 V / 600 V / 1000 V | ±0,5%±3D |
| Alternating current voltage (ACV) | 6 V / 60 V / 600 V / 750 V | ±1,0%±10D |
| Direct current (DCA) | 60 µA / 60 mA / 600 mA / 20 A | ±1,2%±3D |
| Alternating current (ACA) | 60 mA / 600 mA / 20 A | ±1,5%±3D |
| Electrical resistance (Ω) | 600 Ohm / 6 kOhm / 60 kOhm / 600 kOhm / 6 MOhm / 60 MOhm | ±1,2%±30D |
| Capacitance | 6 nF / 60 nF / 600 nF / 6 µF / 60 µF / 600 µF / 6 mF / 100 mF | ±5,0%±3D |
| Frequency | 9,999 Hz / 99,99 Hz / 999,9 Hz / 9,999 kHz | ±1,0%±3D |
| Temperature (°C) | -20 °C ... 1000 °C | ±1,0%±3D |
| Temperature (°F) | -4 °F ... 1832 °F | ±1,0%±3D |

D - least significant digit

### Additional functions:

Diode test; transistor test; data hold; non-contact voltage detection; live circuit test; circuit continuity test (buzzer); display backlight; flashlight; automatic power off.

### Delivery scope:

Multimeter - 1 pc.
Set of probes (red/black) - 1 pc.
Battery 1,5 V - 4 pcs.
Thermocouple, type K - 1 pc.
Technical and operation manual - 1 pc.





## MULTIMETERS MASTER

**Model:** MAS830B
**Safety Rating:** CAT III 600V

V̄ · Ā · Ω · hFE · H

MASTER

### Basic functions

| Measurement | Measuring range | Accuracy |
|---|---|---|
| Direct current voltage (DCV) | 200 mV / 2 V / 20 V / 200 V / 600 V | ±0,8%±2D |
| Alternating current voltage (ACV) | 200 V / 600 V | ±1,2%±10D |
| Direct current (DCA) | 200 µA / 2 mA / 20 mA / 200 mA / 10 A | ±3,0%±10D |
| Electrical resistance (Ω) | 200 Ohm / 2 kOhm / 20 kOhm / 200 kOhm / 2 MOhm | ±1,0%±5D |

D - least significant digit

### Additional functions:

Diode test
Transistor test
Data Hold

### Delivery scope:

Multimeter - 1 pc.
Set of probes (red/black) - 1 pc.
Battery 9 V - 1 pc.
Technical and operation manual - 1 pc.

**Model:** MAS830L
**Safety Rating:** CAT III 600V

V̄ · Ā · Ω · hFE · H

MASTER

### Basic functions

| Measurement | Measuring range | Accuracy |
|---|---|---|
| Direct current voltage (DCV) | 200 mV / 2 V / 20 V / 200 V / 600 V | ±0,8%±5D |
| Alternating current voltage (ACV) | 200 V / 600 V | ±1,2%±10D |
| Direct current (DCA) | 200 µA / 2 mA / 20 mA / 200 mA / 10 A | ±3,0%±10D |
| Electrical resistance (Ω) | 200 Ohm / 2 kOhm / 20 kOhm / 200 kOhm / 2 MOhm | ±1,0%±5D |

D - least significant digit

### Additional functions:

Diode test
Transistor test
Data Hold
Circuit continuity test (buzzer)
Display backlight

### Delivery scope:

Multimeter - 1 pc.
Set of probes (red/black) - 1 pc.
Battery 9 V - 1 pc.
Technical and operation manual - 1 pc.

## MULTIMETERS EXPERT

**Model: MS8211**
**Safety Rating: CAT III 600V**

EXPERT

### Basic functions

| Measurement | Measuring range | Accuracy |
|---|---|---|
| Direct current voltage (DCV) | 200 mV / 2 V / 20 V / 200 V / 600 | ±0,8%±5D |
| Alternating current voltage (ACV) | 2 V / 20 V / 200 V / 600 V | ±1,0%±5D |
| Direct current (DCA) | 20 mA / 200 mA | ±1,8%±5D |
| Alternating current (ACA) | 20 mA / 200 mA | ±2,0%±5D |
| Electrical resistance (Ω) | 200 Ohm / 2 kOhm / 20 kOhm / 200 kOhm / 2 MOhm / 20 MOhm | ±1,2%±15D |

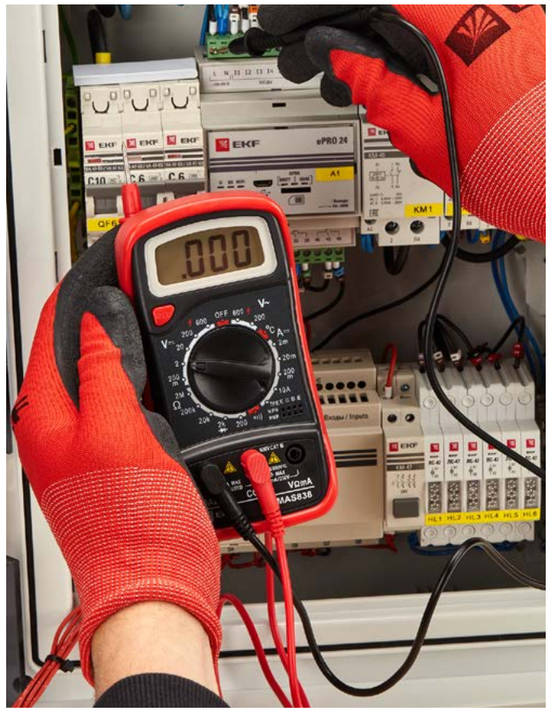
D - least significant digit

### Additional functions:

Diode test
Circuit continuity test (buzzer)
Data Hold
Non-contact voltage detection
Display backlight
Integrated flashlight
Auto power off

### Delivery scope:

Multimeter - 1 pc.
Battery 1,5 V - 2 pcs.
Bag - 1 pc.
Technical and operation manual - 1 pc.







## MULTIMETER COMPARISON

| | | | | |
|---|---|---|---|---|
| **Name** | MAS830B | MAS830L | MS8211 | MS18C |
| **Manufacturer** | EKF | EKF | EKF | EKF |
| **Product line** | MASTER | MASTER | EXPERT | PROFESSIONAL |
| **Safety level** | CAT III 600 V | CAT III 600 V | CAT III 600 V | CATIII 1000V<br>CATIV 600V |
| **Digit capacity** | 1999 | 1999 | 1999 | 6000 |
| **Automatic mode selection** | - | - | - | - |
| **Automatic measurement range selection** | - | - | ● | - |
| **Direct current voltage (DCV)** | 600 V | 600 V | 600 V | 1000 V |
| **Alternating current voltage (ACV)** | 600 V | 600 V | 600 V | 750 V |
| **Direct current (DCA)** | 10 A | 10 A | 0,2 A | 20 A |
| **Alternating current (ACA)** | - | - | 0,2 A | 20 A |
| **Resistance (Ω)** | 2 MOhm | 2 MOhm | 20 MOhm | 60 MOhm |
| **Capacitance** | - | - | - | 100 mF |
| **Frequency** | - | - | - | 9,999 MHz |
| **Temperature** | - | - | - | 1000 °C |
| **Relative pulse duration** | - | - | - | - |
| **Diode test** | ● | ● | ● | ● |
| **Circuit continuity test (buzzer)** | - | ● | ● | ● |
| **hFE transistor check** | ● | ● | - | ● |
| **50 Hz signal generator (square wave)** | - | - | - | - |
| **True RMS** | - | - | ● | ● |
| **Relative measurement** | - | - | - | - |
| **DATA HOLD function** | ● | ● | ● | ● |
| **Max/Min values** | - | - | - | - |
| **USB interface** | - | - | - | - |
| **Non-contact voltage detection (NCV)** | - | - | ● | ● |
| **Live circuit test** | - | - | - | ● |
| **Backlit display** | - | ● | ● | ● |
| **Integrated flashlight** | - | - | ● | ● |
| **Auto power off** | - | - | ● | ● |
| **Weight (with batteries), g** | 170 | 170 | 110 | 380 |
| **Overall dimensions (W×H×D), mm** | 69×138×31 | 69×138×31 | 225×38×26 | 89×190×50 |
| **Item code** | In-180701-pm830B | In-180701-pm830L | In-180701-pm8211 | In-180701-pm18C |

## PROBES

| | Picture | Name | Maximum Current, A | Lead length, mm | Item code |
|---|---|---|---|---|---|
| EXPERT | | Alligator clip set TLA3102 EXPERT EKF | 10 | - | TLA3102 |
| EXPERT | | Set of probes TL3001 (1 m) (20AWG) EXPERT EKF | 10 | 1000 | TL3001 |
| EXPERT | | Set of probes TL3006 (1,2 m) (18AWG) EXPERT EKF | 10 | 1200 | TL3006 |

**WARNING!** Black probe is plugged into the common socket , red probe is plugged into the + socket.

# EARTH RESISTANCE TESTER

## E-RESIST MS2302 PROFESSIONAL EKF

VOLTAGE MEASUREMENT (CATIII 1000V)

BACKLIT DISPLAY BATTERY INDICATOR

TWO/THREE WIRE MEASUREMENT

SIX AA BATTERIES

| Earthing resistance measurement | | |
|---|---|---|
| **Range** | **Absolute error** | **Resolution** |
| 0 ÷ 29,99 Ohm | ± (2 % + 6 LSD) | 0,01 Ohm |
| 30,0 ÷ 99,9 Ohm | ± (3 % + 3 LSD) | 0,1 Ohm |
| 100 ÷ 999 Ohm | ± (3 % + 3 LSD) | 1 Ohm |
| 1,00 ÷ 4,00 kOhm | ± (3 % + 3 LSD) | 10 Ohm |
| **Voltage** | | |
| **Range** | **Absolute error** | **Resolution** |
| 0 ÷ 600 V (50 / 60 Hz) | ± (1 % + 5 LSD) | 0,1 V |

**Delivery scope:**

Device - 1 pc.
Probes - 3 pcs. (red - 15 m, green - 10 m, black - 5 m)
Aux. terminal bars - 2 pcs.
Alligator clip - 1 pc.
Carry bag - 1 pc.
AA battery - 6 pcs.
Technical manual - 1 pc.

# CLAMP METERS

## CLAMP METERS EXPERT EKF

**Model:** MS2016S
**Safety Rating:** CAT III 600V

EXPERT

### Basic functions

| Measurement | Measuring range | Accuracy |
|---|---|---|
| Direct current voltage (DCV) | 600 V | ±0,5%±3D |
| Alternating current voltage (ACV) | 600 V | ±0,8%±5D |
| Alternating current (ACA) | 6 A/ 60 A / 200 A | ±2,5%±8D |
| Electrical resistance (Ω) | 6 kΩ | ±0,8%±3D |
| Frequency | 60 Hz / 1000 Hz | ±1,0%±5D |

D - least significant digit

### Additional functions:

Circuit continuity test (buzzer)
Data Hold
Non-contact voltage detection
Display backlight
Auto range selection
Auto power off

### Delivery scope:

Clamp meter - 1 pc.
Set of probes (red/black) - 1 pc.
Battery 1,5 V - 2 pcs.
Carry bag - 1 pc.
Technical and operation manual - 1 pc.

**Model:** 266C
**Safety Rating:** CAT II 1000V, CAT III 600V

EXPERT

### Basic functions

| Measurement | Measuring range | Accuracy |
|---|---|---|
| Direct current voltage (DCV) | 200 mV / 2 V / 20 V / 200 V / 1000 V | ±0,8%±3D |
| Alternating current voltage (ACV) | 200 V / 750 V | ±1,2%±5D |
| Alternating current (ACA) | 20 A / 200 A / 1000 A | ±3,0%±10D |
| Electrical resistance (Ω) | 200 Ohm / 2 kOhm / 20 kOhm / 200 kOhm / 2 MOhm | ±1,0%±8D |
| Temperature (°C) | 0 to 750 °C | ±1,0%±3D |
| Temperature (°F) | 32 to 1832 °F | ±1,0%±3D |

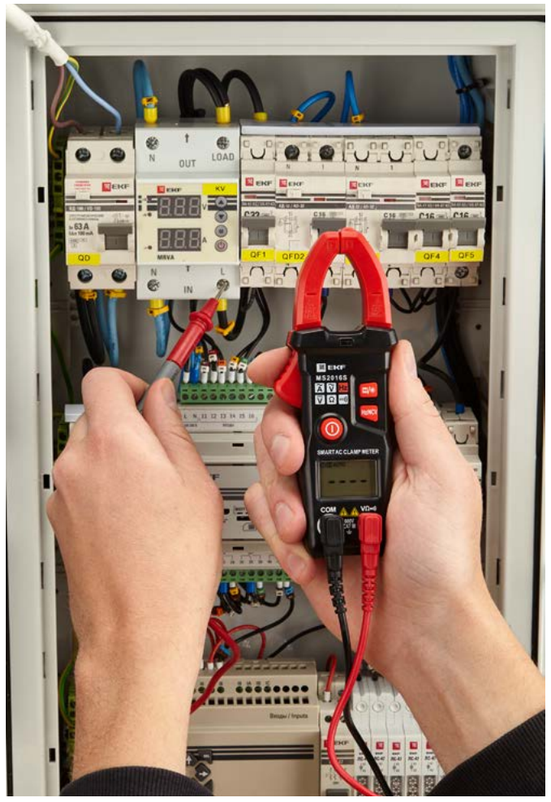
D - least significant digit

### Additional functions:

Circuit continuity test (buzzer)
Data Hold

### Delivery scope:

Clamp meter - 1 pc.
Set of probes (red/black) - 1 pc.
Thermocouple, type K - 1 pc.
Battery 9 V - 1 pc.
Bag - 1 pc.
Technical and operation manual - 1 pc.



## DIGITAL CLAMP METER COMPARISON

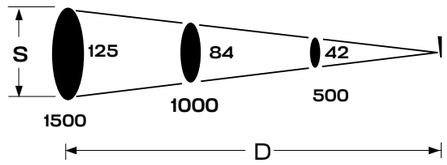
| | | |
|---|---|---|
| Name | M266C | MS2016S |
| Manufacturer | EKF | EKF |
| Product line | EXPERT | EXPERT |
| Safety level | CATII 1000 V<br>CAT III 600 V | CAT III 600 V |
| Digit capacity | 1999 | 6000 |
| Automatic mode selection | - | ● |
| Automatic measurement range selection | - | ● |
| DC voltage | 1000 V | 600 V |
| AC voltage | 750 V | 600 V |
| Voltage measurement with low input impedance LOWz | - | - |
| Direct current, A | - | - |
| Alternating current | 1000 A | 200 A |
| Resistance | 20 MOhm | 0,006 MOhm |
| Capacitance | - | - |
| Frequency | - | 0,001 MHz |
| Temperature | 750 °C | - |
| Relative pulse duration | - | - |
| Diode test | - | - |
| Continuity test | ● | ● |
| hFE transistor check | - | - |
| True RMS | - | - |
| Relative measurement | - | - |
| DATA HOLD function | ● | ● |
| Max/Min values | - | - |
| Non-contact voltage detection (NCV) | - | ● |
| Backlit display | - | ● |
| Integrated flashlight | - | - |
| Auto power off | - | ● |
| Weight (with batteries), g | 330 | 150 |
| Overall dimensions (W×H×D), mm | 96×235×46 | 53×158×28 |
| Item code | In-180702-pc266C | In-180702-pc2016S |

# PYROMETER

## Model: MS6519A /MS6519B

°C / °F H MAX

| Characteristics | Values | |
|---|---|---|
| Model | MS6519A | MS6519B |
| Product line | EXPERT | |
| Display | Color LCD | |
| D:S ratio | 12:1 | |
| Emissivity range | 0,10-1,00 | |
| Wavelength, µm | 8-14 | |
| Laser | Class 2, < 1 mW / 630-670 nm | |
| Response time, s | < 0,5 | |
| Auto power off, s | 30 | |
| Operating temperature, °C | 0 to 40 | |
| Storage temperature, °C | -10 to 60 | |
| Temperature measurement range, °C | -50 to 0 (±3) /<br>0 to +380 ± (1.5% +2) | -50 to 0 (±3) /<br>0 to +550 ± (1.5% +2) |
| Power supply | 2×1,5 V AAA | |
| Weight, g / Dimensions, mm | 200 / 165×100×46 | |
| Accuracy (non-contact measurement), °C | -50 to 0 (± 3°C)<br>0 to 300 ±(1,5%+2°C) | |
| Service life, years | 10 | |
| Item code | In-180703-pt6519A | In-180703-pt6519B |




**Additional functions:**

Measurement and recording of maximum values
Data Hold
Display backlight
Auto power off

**Delivery scope:**

Infrared thermometer (pyrometer) - 1 pc.
Battery 1,5 V - 2 pcs.
Technical manual - 1 pc.

| Picture | Name | Punch down tool TRC-S50 TERACOM EKF |
|---|---|---|
| | Description | Designed to trim and insert the wires into insulation-displacement connectors on punch down blocks, patch panels, keystone modules, and surface mount boxes. |
| | Features | • Termination of 110 (DUAL) and KRONE connections<br>• Built in hook and prier for wire extraction<br>• Scissor mechanism for trimming excess wire during insertion |
| | Item code | TRC-S50 |

| Picture | Name | Punch down tool TRC-S50 TERACOM EKF |
|---|---|---|
| | Description | Designed for insertion and connection of twisted pair wires to IDC terminals on cross panels and patch panels, keystone modules and biscuit jacks in order to build structured cabling systems. |
| | Features | • Interchangeable dual-sided 110 / KRONE blade<br>• Single-step insertion/trimming action<br>• Adjustable spring force<br>• Spare blade compartment |
| | Item code | TRC-S55 |

| Picture | Name | Multifunctional coax cable stripper TRC-S10 TERACOM EKF |
|---|---|---|
| | Description | Compact multifunctional stripper, designed to strip insulation from different gauges and types of coaxial cable (RG58, RG59, RG6, RG174) |
| | Features | • Rotating die for selecting appropriate cable type<br>• Adjustable 4-12 mm cut depth<br>• Finger ring for a comfortable circular cut<br>• Cut depth can be adjusted using a hex key (included) |
| | Item code | TRC-S10 |

| Picture | Name | Multifunctional UTP/STP stripper TRC-S11 TERACOM EKF |
|---|---|---|
| | Description | Multifunctional stripper, designed for cutting and removing outer cable sheath and insulation from twisted pair cables (UTP/STP) as well as telephone cable 3,5 to 9,0 mm in diameter |
| | Features | • Cuts cables and individual twisted pair wires<br>• Two blades for stripping flat cables<br>• Two slots for stripping round cables<br>• Strip depth adjustment screw |
| | Item code | TRC-S11 |

| Picture | Name | Crimper TRC-NT10 TERACOM EKF |
|---|---|---|
| | Description | Multifunctional crimper for RJ45 (8P8C), RJ12 (6P6C), RJ11 (6P4C), and 6P2C jacks, as well as cutter and stripper of cables for voice and data applications |
| | Features | • Reliable crimping of RJ45, RJ12, RJ11, 6P2C jacks<br>• Built-in blades for uniform cutting and stripping of individual wires<br>• Ratchet mechanism with safety release<br>• Compatible with AWG 23 to AWG 28 wires<br>• Rubberized non-slip handles |
| | Item code | TRC-NT10 |

| Picture | Name | Crimper TRC-NT20 TERACOM EKF |
|---|---|---|
| | Description | Multifunctional crimper for RJ45 (8P8C), RJ12 (6P6C), and RJ11 (6P4C) jacks, as well as cutter and stripper of cables for voice and data applications |
| | Features | • Reliable crimping of RJ45, RJ12, RJ11 jacks<br>• Built-in blades for uniform cutting and stripping of individual wires<br>• Ratchet mechanism with safety release<br>• Compatible with AWG 23 to AWG 28 wires<br>• Rubberized non-slip handles |
| | Item code | TRC-NT20 |

| Picture | Name | Crimper TRC-NT12 TERACOM EKF |
|---|---|---|
| | Description | Multifunctional crimper for 8P8C (RJ45), 6P6C (RJ12), 6P4C (RJ11), 6P2C, 4P4C, 4P2C jacks, as well as cutter and stripper of cables for voice and data applications |
| | Features | • Reliable crimping of RJ45, RJ12, RJ11 6P2C, 4P4C, 4P2C jacks<br>• Built-in blades for uniform cutting and stripping of individual wires<br>• Compatible with AWG 23 to AWG 28 wires<br>• Complimentary manual punch down tool (110 / KRONE) |
| | Item code | TRC-NT12 |

# ABC INSTALLATION TOOLS AND ACCESSORIES

EXPERT

| Picture | Name | Universal dielectric socket wrench for ABC clamps MK EKF |
|---|---|---|
| | Description | Designed for torquing down shear bolt heads on ABC branching clamps. Suitable for live work |
| | Features | • Max. torque - 24 Nm<br>• 1000 V insulation<br>• Wrench size - 10, 13, 17, 22 mm |
| | Item code | mk-160-abc |

EXPERT

| Picture | Name | Come-along grip CT105.20 (3-22mm) EKF |
|---|---|---|
| | Description | Used to adjust overhead line wires, the lever device converts the pulling force into a gripping force |
| | Features | • Cable diameter: 4 - 22 mm<br>• Max. load - 2 tonnes<br>• Does not damage insulation |
| | Item code | ct-105.20 |

EXPERT

| Picture | Name | Swivel CT134 EKF |
|---|---|---|
| | Description | Used to prevent the ABC wire bundle from unwinding when unrolling. The swivel is mounted between the pulling grip and the leader wire rope |
| | Features | • Compact dimensions and cylindrical shape prevent the bundle of ABC wires from unrolling<br>• Working load - 30 kN<br>• Max. leader wire rope diameter - 16 mm |
| | Item code | ct-134 |

EXPERT

| Picture | Name | Steel band tensioning and cutting tool INRSL-01 EKF |
|---|---|---|
| | Description | Intended for tightening and cutting 20 mm wide and up to 1 mm thick stainless steel bands |
| | Features | • The band is used for the installation of overhead line assemblies as well as the packaging of various loads and goods (stacks of boards, pallets of bricks etc.), installation of road signs, signboards, stretchers, etc.<br>• Automatic clamping device enables the use of different band thicknesses.<br>• High-quality materials of the tool ensure long service life |
| | Item code | ct-42.01 |

EXPERT

| Picture | Name | Steel band tensioning and cutting tool with ratchet mechanism INRSL-02 EKF |
|---|---|---|
| | Description | Designed for tightening and cutting 20 mm wide and up to 1 mm thick steel band |
| | Features | • Designed for tensioning the rim band when installing hooks and distant rim on metal, wooden or reinforced concrete supports.<br>• Built-in cutter to trim the excess band<br>• Ratchet mechanism for faster band pull-through<br>• Hardened steel working part |
| | Item code | ct-42.02 |





EXPERT

| Picture | Name | Cable Puller Sheave RM50 EKF |
|---|---|---|
| | Description | Cable Puller Sheave is used to string ABC through straight runs and gentle turns of up to 30°. It is hanged on intermediate supports via an integrated hook |
| | Features | • The roller reel is made of glass-reinforced polyamide, ensuring excellent wear resistance and electrical insulation<br>• The roller frame is made of galvanized steel |
| | Item code | rm-50 |

EXPERT

| Picture | Name | Manual ratcheting winch ST-116 (1500 kg) EKF |
|---|---|---|
| | Description | Used for tensioning ABC and fiber-optic cables, the winch is designed for transferring the cable from the stringing roller to anchoring and supporting clamps |
| | Features | • Diameter of steel wire rope: 6 mm<br>• Maximum load with block and tackle (1,6 m): 1500 kg<br>• Maximum load without block and tackle (3 m): 750 kg |
| | Item code | st-116 |

EXPERT

| Picture | Name | Splitting wedges ST31 EKF |
|---|---|---|
| | Description | Used to separate the conductor from the ABC bundle during installation of clamps and terminals |
| | Features | • Manufactured from high-strength polymer with excellent insulating properties<br>• Comfortable knurled wedge handles prevent slipping when working<br>• No damage to ABC wire insulation<br>• Mechanical deformation limit - 80 kg |
| | Item code | st-31 |

EXPERT

| Picture | Name | Wire brush, plastic handle, 5 rows EKF |
|---|---|---|
| | Description | Intended for cleaning off or removing rust and paint from steel surfaces |
| | Features | • Steel wire brush for optimal function, durability, and longer service life<br>• Angled plastic handle for more comfortable use |
| | Item code | wbs-pl-5-exp |

EXPERT

| Picture | Name | Cable tie gun tensioning and cutting tool TTC210 EKF |
|---|---|---|
| | Description | Designed for tensioning and cutting non-reusable cable ties 2,4 - 9,0 mm wide |
| | Features | • Significantly reduces installation time<br>• Ensures the required tensioning force |
| | Item code | ttc-210 |

# DIRECT FASTENING TECHNOLOGY

Quick and efficient method for nailing electrical installation components directly to substrate. Up to 10x faster than traditional pre-drilling, doweling and screwing methods

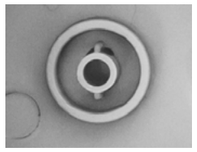


## NAILS

| Picture | Name | Nail type / Coating | Dimensions, mm (diameter x length) | Item code |
|---|---|---|---|---|
| | Steel/Concrete nails CN collated forged ballistic point galvanized 17×3 mm (1000 pcs.) EKF | Reinforced, ballistic tip, galvanized | 3,0×17 | cpn-3017bp |
| | Steel/Concrete nails CN collated forged ballistic point galvanized 19×3 mm (1000 pcs.) EKF | | 3,0×19 | cpn-3019bp |
| | Steel/Concrete nails CN collated forged ballistic point galvanized 22×3 mm (1000 pcs.) EKF | | 3,0×22 | cpn-3022bp |
| | Steel/Concrete nails CN collated forged ballistic point galvanized 25×3 mm (1000 pcs.) EKF | | 3,0×25 | cpn-3025bp |
| | Steel/Concrete nails collated forged ballistic point galvanized 32×3 mm (250 pcs.) EKF | | 3,0×32 | cpn-3032bp |
| | Steel/Concrete nails CN collated forged ballistic point galvanized 38×3 mm (250 pcs.) EKF | | 3,0×38 | cpn-3038bp |
| | Steel/Concrete/Brickwork nails CN collated 17×2,7 mm (1000 pcs.) EKF | Standard, blued | 2,7×17 | cpn-2717bg |
| | Steel/Concrete/Brickwork nails CN collated 19×2,7mm (1000 pcs.) EKF | | 2,7×19 | cpn-2719bg |
| | Steel/Concrete/Brickwork nails CN collated 22×2,7 mm (1000 pcs.) EKF | | 2,7×22 | cpn-2722bg |
| | Steel/Concrete/Brickwork nails CN collated 25×2,7 mm (1000 pcs.) EKF | | 2,7×25 | cpn-2725bg |

| Picture | Name | Contents | Item code |
|---|---|---|---|
| | Steel/Concrete/Brickwork nails combo pack No. 1 CN EKF | Steel/Concrete/Brickwork nails CN collated 17×2,7 mm | cp-cn1-1 |
| | | Steel/Concrete/Brickwork nails CN collated 19×2,7 mm | |
| | | Steel/Concrete/Brickwork nails CN collated 22×2,7 mm | |
| | | Steel/Concrete/Brickwork nails CN collated 25×2,7 mm | |
| | | Steel/Concrete nails CN collated forged ballistic point galvanized 17×3 mm | |
| | | Steel/Concrete nails CN collated forged ballistic point galvanized 19×3 mm | |
| | | Steel/Concrete nails CN collated forged ballistic point galvanized 22×3 mm | |
| | | Steel/Concrete nails CN collated forged ballistic point galvanized 25×3 mm | |
| | | Steel/Concrete nails CN collated forged ballistic point galvanized 32×3 mm | |
| | | Steel/Concrete nails CN collated forged ballistic point galvanized 38×3 mm | |

## SURFACE-MOUNTED JUNCTION BOXES

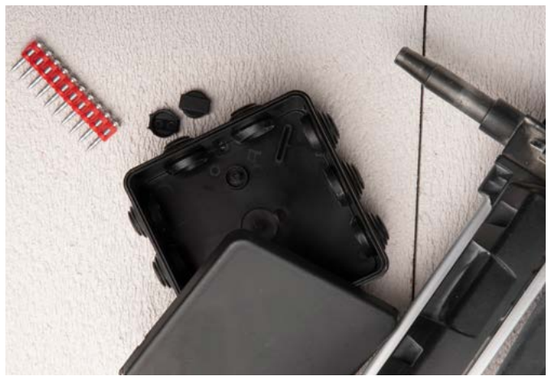


FOR OD 11 mm NAILER TIPS

MEMBRANE CABLE ENTRY GASKETS WITH TALLER STEPS

LARGER GASKET RETAINING RINGS FOR A SECURE FIT IN THE JUNCTION BOX

| Picture | Name | Retail sticker | Length×width×hight, mm | Item code |
|---|---|---|---|---|
| | Junction box KMP-030-014 (100×100×50) with cover, for direct mounting, 10 membrane entries, grey IP55 EKF | - | 100×100×50 | plc-kmr-030-014 |
| | | Yes | | plc-kmr-030-014-r |
| | Junction box KMP-030-031 (85×85×40) with cover, for direct mounting, 8 membrane entries, grey IP55 EKF | - | 85×85×40 | plc-kmr-030-031 |
| | | Yes | | plc-kmr-030-031-r |
| | Junction box KMP-030-034 (100×100×50) with cover, for direct mounting, cutout cable entries, grey IP54 EKF | - | 100×100×50 | plc-kmr-030-034 |
| | Junction box KMP-030-035 (85×85×40) with cover, for direct mounting, cutout cable entries, grey IP54 EKF | - | 85×85×40 | plc-kmr-030-035 |
| | Junction box KMP-030-014 (100×100×50) with cover, for direct mounting, 10 membrane entries, black IP55 EKF | - | 100×100×50 | plc-kmr2-030-014-b |
| | Junction box KMP-030-014 (100×100×50) with cover, for direct mounting, 8 membrane entries, black IP55 retail sticker EKF | Yes | 100×100×50 | plc-kmr-030-014-b |
| | Junction box KMP-030-031 (85×85×40) with cover, for direct mounting, 8 membrane entries, black IP55 EKF | - | 85×85×40 | plc-kmr2-030-031-b |
| | Junction box KMP-030-031 (100×100×50) with cover, for direct mounting, 10 membrane entries, black IP55 retail sticker EKF | Yes | 85×85×40 | plc-kmr-030-031-b |
| | Equipotential bonding terminal box KUP-030-014 with cover surface-mounted (100×100×50) 10 membrane cable entries IP55 EKF | - | 100×100×50 | plc-kmr-030-014-g |
| | Equipotential bonding terminal box KUP-030-031 with cover surface-mounted (100×100×50) 8 membrane cable entries IP55 EKF | - | 85×85×40 | plc-kmr-030-031-g |







## DIRECT FASTENING CONDUIT CLIPS

SNUGLY FITS THE NAILER TIP

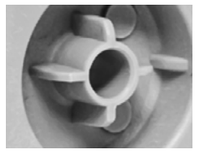
MOLDED BASE NUBS TO MAKE CENTERING EASIER

SMALLER OPENING DIAMETER TO PREVENT STRIKETHROUGH

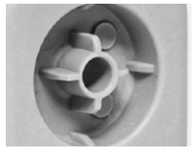
DOVETAIL ON TOP AND BOTTOM OF THE CLIP FOR GANGABLE INSTALLATION

| Picture | Name | Color | Item code |
|---|---|---|---|
| | Direct fastening conduit clip d=16 mm (100 pcs.) grey EKF-Plast | Grey | derjp-z-16 |
| | Direct fastening conduit clip d=20 mm (100 pcs.) grey EKF-Plast | Grey | derjp-z-20 |
| | Direct fastening conduit clip d=25 mm (100 pcs.) grey EKF-Plast | Grey | derjp-z-25 |
| | Direct fastening conduit clip d=16 mm (100 pcs.) black EKF-Plast | Black | derjp-z-16-black |
| | Direct fastening conduit clip d=20 mm (100 pcs.) black EKF-Plast | Black | derjp-z-20-black |
| | Direct fastening conduit clip d=25 mm (100 pcs.) black EKF-Plast | Black | derjp-z-25-black |
| | Direct fastening conduit clip d=16 mm (100 pcs.) orange EKF-Plast | Orange | derjp-z-16o |
| | Direct fastening conduit clip d=20 mm (100 pcs.) orange EKF-Plast | Orange | derjp-z-20o |
| | Direct fastening conduit clip d=25 mm (100 pcs.) orange EKF-Plast | Orange | derjp-z-25o |

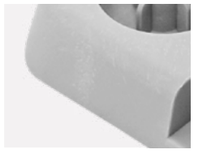
## DIRECT FASTENING CABLE TIE MOUNTS



CROSS-MOULDINGS FOR A SNUG FIT ON THE 11 mm NAILER TIP



ADDITIONALLY, CROSS-MOULDINGS HELP TO DAMPEN THE NAIL STRIKE



SOLID BACK FOR EFFORTLESS CABLE TIE INSERTION

DOUBLE REINFORCED MOUNTING HOLE AREA TO PREVENT STRIKETHROUGH

WIDE BASE

BASE NUBS TO LEVEL AND CENTER THE CABLE TIE MOUNT

| Picture | Name | Cable tie opening size, mm | Color | Item code |
|---|---|---|---|---|
| | Direct fastening cable tie mount grey (100 pcs.) EKF | 9 | Grey | pdm-g |
| | Direct fastening cable tie mount black (100 pcs.) EKF | 9 | Black | pdm-b |

## TEXTILE MOUNTING TAPE

CARDBOARD BOX WITH CONVENIENT TAPE PULL OPENING ON THE TOP

HIGH-STRENGTH POLYESTER FIBERS

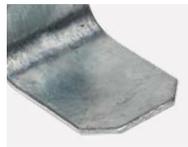
| Picture | Name | Length, m | Width, mm | Item code |
|---|---|---|---|---|
| | Textile mounting tape 20 mm (25 m) EKF | 25 | 20 | tmt-20-25 |





## STEEL CONDUIT STRAPS

STIFFENERS FOR EXTRA DURABILITY



HIGH-QUALITY GALVANIZED STEEL

| Picture | Name | Diameter, mm | Item code |
|---|---|---|---|
| | Direct fastening one-hole conduit strap (100 pcs.) EKF | 8-9 | smp-1-8-9 |
| | | 12-13 | smp-1-12-13 |
| | | 14-15 | smp-1-14-15 |
| | | 16-17 | smp-1-16-17 |
| | | 19-20 | smp-1-19-20 |
| | | 21-22 | smp-1-21-22 |
| | | 25-26 | smp-1-25-26 |
| | Direct fastening one-hole conduit strap (50 pcs.) EKF | 31-32 | smp-1-31-32 |
| | | 38-40 | smp-1-38-40 |
| | | 48-50 | smp-1-48-50 |
| | Direct fastening two-hole conduit strap (100 pcs.) EKF | 8-9 | smp-2-8-9 |
| | | 12-13 | smp-2-12-13 |
| | | 14-15 | smp-2-14-15 |
| | | 16-17 | smp-2-16-17 |
| | | 19-20 | smp-2-19-20 |
| | | 21-22 | smp-2-21-22 |
| | | 25-26 | smp-2-25-26 |
| | Direct fastening two-hole conduit strap (50 pcs.) EKF | 31-32 | smp-2-31-32 |
| | | 38-40 | smp-2-38-40 |
| | | 48-50 | smp-2-48-50 |
| | | 60-63 | smp-2-60-63 |

## DIRECT FASTENING CABLE HOLDERS

DOUBLE-SIDED 16-CABLE HOLDER

SINGLE-SIDED 8-CABLE HOLDER

| Picture | Name | Maximum cable diameter, mm | Length, mm | Item code |
|---|---|---|---|---|
| | Double-sided cable holder for direct mounting grey (20 pcs.) EKF | 10 | 240 | ch-2-g-240 |
| | Single-sided cable holder for direct mounting grey (20 pcs.) EKF | 10 | 145 | ch-1-g-145 |
| | Double-sided cable holder for direct mounting black (20 pcs.) EKF | 10 | 240 | ch-2-b-240 |
| | Single-sided cable holder for direct mounting black (20 pcs.) EKF | 10 | 145 | ch-1-b-145 |

| Compatible and recommended nail sizes for different materials | Concrete, Reinforced concrete | | | | Solid bricks | | | | Hollow bricks | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Lean concrete (B10-B25) | | Rich concrete (B30-B45) | | Ceramic | | Calcium Sllicate | | Ceramic | | Calcium Sllicate | | Foam concrete | | Sand / Cement screed | | Steel | |
| | Optimal | Suitable | Optimal | Suitable | Optimal | Suitable | Optimal | Suitable | Optimal | Suitable | Optimal | Suitable | Optimal | Suitable | Optimal | Suitable | Optimal | Suitable |
| Cable holder | **2,7×19**<br>**2,7×22** | 3×19<br>3×22 | **3×19**<br>**3×22** | - | **3×19**<br>**3×22** | - | **3×19**<br>**3×22** | - | **3×22**<br>**3×25** | 2,7×22<br>2,7×25 | **2,7×22**<br>**2,7×25** | 3×22<br>3×25 | **2,7×22**<br>**2,7×25** | 3×22<br>3×25 | - | - | **2,7×17**<br>**2,7×19** | 3×17<br>3×19 |
| Junction box | **2,7×19**<br>**2,7×22** | 3×19<br>3×22 | **3×19**<br>**3×22** | - | **3×19**<br>**3×22** | - | **3×19**<br>**3×22** | - | **3×22**<br>**3×25** | 2,7×22<br>2,7×25 | **2,7×22**<br>**2,7×25** | 3×22<br>3×25 | **2,7×22**<br>**2,7×25** | 3×22<br>3×25 | - | - | **2,7×17**<br>**2,7×19** | 3×17<br>3×19 |
| Textile mounting tape | **2,7×17**<br>**2,7×19** | 3×19<br>3×22 | **3×17**<br>**3×19** | - | **3×17**<br>**3×19** | - | **3×17**<br>**3×19** | - | **3×22**<br>**3×25** | 2,7×22<br>2,7×25 | **2,7×22**<br>**2,7×25** | 3×22<br>3×25 | **2,7×19**<br>**2,7×22** | 3×19<br>3×22 | **2,7×22**<br>**2,7×25** | 3×22<br>3×25 | **2,7×17**<br>**2,7×19** | 3×17<br>3×19 |
| Steel banding | **2,7×17**<br>**2,7×19** | 3×17<br>3×19 | **3×17**<br>**3×19** | - | **3×17**<br>**3×19** | - | **3×17**<br>**3×19** | - | **3×22**<br>**3×25** | 2,7×22<br>2,7×25 | **2,7×22**<br>**2,7×25** | 3×22<br>3×25 | **2,7×19**<br>**2,7×22** | 3×19<br>3×22 | **2,7×22**<br>**2,7×25** | 3×22<br>3×25 | **2,7×17**<br>**2,7×19** | 3×17<br>3×19 |
| Perforated steel banding | **2,7×17**<br>**2,7×19** | 3×17<br>3×19 | **3×17**<br>**3×19** | - | **3×17**<br>**3×19** | - | **3×17**<br>**3×19** | - | **3×22**<br>**3×25** | 2,7×22<br>2,7×25 | **2,7×22**<br>**2,7×25** | 3×22<br>3×25 | **2,7×19**<br>**2,7×22** | 3×19<br>3×22 | **2,7×22**<br>**2,7×25** | 3×22<br>3×25 | **2,7×17**<br>**2,7×19** | 3×17<br>3×19 |
| Cable tie mount | **2,7×19**<br>**2,7×22** | 3×19<br>3×22 | **3×19**<br>**3×22** | - | **3×19**<br>**3×22** | - | **3×19**<br>**3×22** | - | **3×22**<br>**3×25** | 2,7×22<br>2,7×25 | **2,7×22**<br>**2,7×25** | 3×22<br>3×25 | **2,7×22**<br>**2,7×25** | 3×22<br>3×25 | - | - | **2,7×17**<br>**2,7×19** | 3×17<br>3×19 |
| Conduit clip | **2,7×19**<br>**2,7×22** | 3×19<br>3×22 | **3×19**<br>**3×22** | - | **3×19**<br>**3×22** | - | **3×19**<br>**3×22** | - | **3×22**<br>**3×25** | 2,7×22<br>2,7×25 | **2,7×22**<br>**2,7×25** | 3×22<br>3×25 | **2,7×22**<br>**2,7×25** | 3×22<br>3×25 | - | - | **2,7×17**<br>**2,7×19** | 3×17<br>3×19 |
| Steel conduit strap | **2,7×17**<br>**2,7×19** | 3×17<br>3×19 | **3×17**<br>**3×19** | - | **3×17**<br>**3×19** | - | **3×17**<br>**3×19** | - | **3×22**<br>**3×25** | 2,7×22<br>2,7×25 | **2,7×22**<br>**2,7×25** | 3×22<br>3×25 | **2,7×19**<br>**2,7×22** | 3×19<br>3×22 | - | - | **2,7×17**<br>**2,7×19** | 3×17<br>3×19 |
| Aluminium profile | **2,7×17**<br>**2,7×19** | 3×17<br>3×19 | **3×17**<br>**3×19** | - | **3×17**<br>**3×19** | - | **3×17**<br>**3×19** | - | **3×22**<br>**3×25** | 2,7×22<br>2,7×25 | **2,7×22**<br>**2,7×25** | 3×22<br>3×25 | **2,7×19**<br>**2,7×22** | 3×19<br>3×22 | **2,7×22**<br>**2,7×25** | 3×22<br>3×25 | **2,7×17**<br>**2,7×19** | 3×17<br>3×19 |
| Aluminium hanger | **2,7×17**<br>**2,7×19** | 3×17<br>3×19 | **3×17**<br>**3×19** | - | **3×17**<br>**3×19** | | **3×17**<br>**3×19** | | **3×22**<br>**3×25** | 2,7×22<br>2,7×25 | **2,7×22**<br>**2,7×25** | 3×22<br>3×25 | **2,7×19**<br>**2,7×22** | 3×19<br>3×22 | - | - | **2,7×17**<br>**2,7×19** | 3×17<br>3×19 |
| Electrical box drilling template | **3×25**<br>**3×32** | 2,7×25 | **3×25**<br>**3×32** | - | **3×25**<br>**3×32** | 2,7×25 | **3×25**<br>**3×32** | 2,7×25 | **3×25**<br>**3×32** | - | **3×25**<br>**3×32** | - | **2,7×25** | 3×25<br>3×32 | - | - | **2,7×25** | 3×17<br>3×19 |
| Plywood, 10 mm | **3×32**<br>**3×38** | - | **3×32**<br>**3×38** | - | **3×32**<br>**3×38** | - | **3×32**<br>**3×38** | - | **3×38** | - | **3×38** | - | **3×32**<br>**3×38** | - | - | - | - | - |
| Parapet cable duct | **2,7×17**<br>**2,7×19** | 3×17<br>3×19 | **3×17**<br>**3×19** | - | **3×17**<br>**3×19** | - | **3×17**<br>**3×19** | - | **3×22**<br>**3×25** | 2,7×22<br>2,7×25 | **2,7×22**<br>**2,7×25** | 3×22<br>3×25 | **2,7×19**<br>**2,7×22** | 3×19<br>3×22 | - | - | **2,7×17**<br>**2,7×19** | 3×17<br>3×19 |

EKF
ENERGY KNOWLEDGE FUTURE

# CONSUMABLES

# CORE DRILL BITS

## DIAMOND CORE DRILL BITS FOR ELECTRICAL BOXES

QUICK CENTERING BIT REMOVAL SYSTEM

LASER BRAISED CUTTERS

STANDARD / TURBO FAST MODELS

HIGHER DIAMONDS CONTENT

CAUTION! DO NOT USE WITH IMPACT DRILLS IN IMPACT MODE

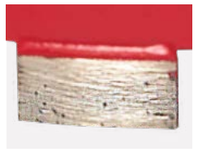
EXPERT

| Picture | Name | Outer diameter, mm | Number of cutters | Arbor | Cutting depth, mm | Item code |
|---|---|---|---|---|---|---|
| | Diamond core drill bit DCH-68 Laser M16 SDS-Plus EXPERT EKF | 68 | 5 | M16 | 72 | dch-68-m16 |
| | Diamond core drill bit DCH-72 Laser M16 SDS-Plus EXPERT EKF | 72 | | | | dch-72-m16 |
| | Diamond core drill bit DCH-82 Laser M16 SDS-Plus EXPERT EKF | 82 | 6 | | | dch-82-m16 |
| | Diamond core drill bit Turbo Fast 68 DCH-68TRB Laser M16 EXPERT EKF | 68 | 5 | | | dch-68-trb-m16 |
| | Diamond core drill bit Turbo Fast 72 DCH-72TRB Laser M16 EXPERT EKF | 72 | | | | dch-72-trb-m16 |
| | Diamond core drill bit Turbo Fast 82 DCH-82TRB Laser M16 EXPERT EKF | 82 | 6 | | | dch-82-trb-m16 |

COMPATIBLE WITH MICRO-HIT ROTARY HAMMERS

LASER WELDED CUTTERS

TOPSIDE DUST EXTRACTION MODELS



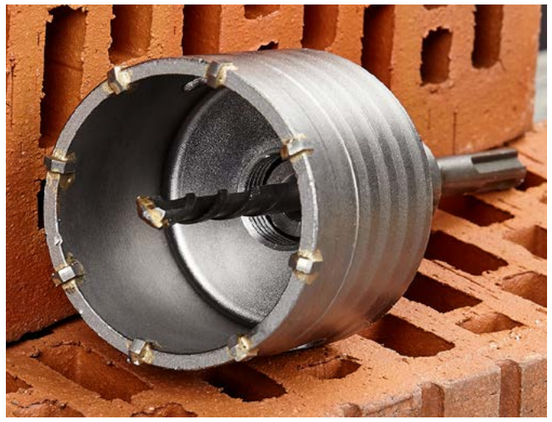
HIGHER DIAMONDS CONTENT

PROFESSIONAL

| Picture | Name | Outside diameter, mm | Number of cutters | Drill depth, mm | Arbor | Item code |
|---|---|---|---|---|---|---|
| | Diamond core drill bit for micro-impact drills DCH-68MH Micro Hit Laser M16 PROFESSIONAL EKF | 68 | 6 | 72 | M16 | dch-68-mh-m16 |
| | Diamond core drill bit for micro-impact drills DCH-72MH Micro Hit Laser M16 PROFESSIONAL EKF | 72 | | | | dch-72-mh-m16 |
| | Diamond core drill bit for micro-impact drills DCH-82MH Micro Hit Laser M16 PROFESSIONAL EKF | 82 | 7 | | | dch-82-mh-m16 |
| | Diamond core drill bit for micro-impact drills (top dust extraction) DCH-68MHS Micro Hit Laser M16 PROFESSIONAL EKF | 68 | 6 | | | dch-68-mhs-m16 |
| | Diamond core drill bit for micro-impact drills (top dust extraction) DCH-72MHS Micro Hit Laser M16 PROFESSIONAL EKF | 72 | | | | dch-72-mhs-m16 |
| | Diamond core drill bit for micro-impact drills (top dust extraction) DCH-82MHS Micro Hit Laser M16 PROFESSIONAL EKF | 82 | 7 | | | dch-82-mhs-m16 |

## CORE DRILL BITS FOR ELECTRICAL BOXES

| | Picture | Name | Outer diameter, mm | Number of cutters, pcs | Shank | Arbor | Drill depth, mm | Item code |
|---|---|---|---|---|---|---|---|---|
| MASTER | | Carbide core drill bit with accessories TCT-68 M22 SDS-plus MASTER EKF | 68 | 8 | SDS-plus | M22 | 50 | tct-68-m22 |
| | | Carbide core drill bit with accessories TCT-72 M22 SDS-plus MASTER EKF | 72 | | | | | tct-72-m22 |



## CORE DRILL BIT ACCESSORIES

| | Picture | Name | Item code |
|---|---|---|---|
| EXPERT | | Adapter Hex/M16 with centering drill bit EXPERT EKF | ad-hex |
| | | Adapter SDS-plus/M16 with centering drill bit EXPERT EKF | ad-sdsplus |
| | | Adapter for diamond core drill bits (M18-M16) EXPERT EKF | ad-m18-m16 |
| | | Adapter for diamond core drill bits (M22-M16) EXPERT EKF | ad-m22-m16 |
| | | Dust extractor for diamond core drill bit (M16-M18) EXPERT EKF | dd-exp |
| | | Dust extractor (M16-M22) EXPERT EKF | dd-exp-m16-m22 |
| | | Centering bit for dust extractor EXPERT EKF | cdd-exp |





## DIAMOND CORE DRILL BITS

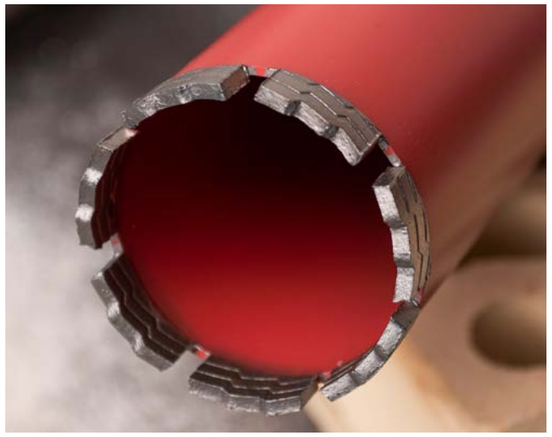
THREADED CONNECTION 1 ¼" UNC

SUITABLE FOR WET DRILLING

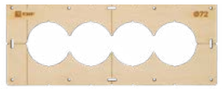
LASER WELDED DIAMOND CUTTERS

PROFILED DIAMOND CUTTERS

| | Picture | Name | Drill depth, mm | Outer diameter, mm | Shank | Number of cutters | Item code |
|---|---|---|---|---|---|---|---|
| EXPERT | | Wet diamond core drill bit WCHP-25/450 (1 ¼" UNC) EXPERT EKF | 450 | 25 | 1 ¼" UNC | 2 | wchp-sf25/450 |
| | | Wet diamond core drill bit WCHP-32/450 (1 ¼" UNC) EXPERT EKF | | 32 | | 3 | wchp-sf32/450 |
| | | Wet diamond core drill bit WCHP-42/450 (1 ¼" UNC) EXPERT EKF | | 42 | | 4 | wchp-sf42/450 |
| | | Wet diamond core drill bit WCHP-52/450 (1 ¼" UNC) EXPERT EKF | | 52 | | 5 | wchp-sf52/450 |
| | | Wet diamond core drill bit WCHP-62/450 (1 ¼" UNC) EXPERT EKF | | 62 | | 6 | wchp-sf62/450 |
| | | Wet diamond core drill bit WCHP-72/450 (1 ¼" UNC) EXPERT EKF | | 72 | | 7 | wchp-sf72/450 |
| | | Wet diamond core drill bit WCHP-82/450 (1 ¼" UNC) EXPERT EKF | | 82 | | 8 | wchp-sf82/450 |
| | | Wet diamond core drill bit WCHP-92/450 (1 ¼" UNC) EXPERT EKF | | 92 | | 8 | wchp-sf92/450 |
| | | Wet diamond core drill bit WCHP-102/450(1 ¼" UNC) EXPERT EKF | | 102 | | 9 | wchp-sf102/450 |
| | | Wet diamond core drill bit WCHP-112/450 (1 ¼" UNC) EXPERT EKF | | 112 | | 10 | wchp-sf112/450 |
| | | Wet diamond core drill bit WCHP-122/450 (1 ¼" UNC) EXPERT EKF | | 122 | | 10 | wchp-sf122/450 |
| | | Wet diamond core drill bit WCHP-132/450 (1 ¼" UNC) EXPERT EKF | | 132 | | 11 | wchp-sf132/450 |
| | | Wet diamond core drill bit WCHP-142/450 (1 ¼" UNC) EXPERT EKF | | 142 | | 11 | wchp-sf142/450 |
| | | Wet diamond core drill bit WCHP-152/450 (1 ¼" UNC) EXPERT EKF | | 152 | | 12 | wchp-sf152/450 |
| | | Wet diamond core drill bit WCHP-162/450 (1 ¼" UNC) EXPERT EKF | | 162 | | 12 | wchp-sf162/450 |
| | | Wet diamond core drill bit WCHP-172/450 (1 ¼" UNC) EXPERT EKF | | 172 | | 13 | wchp-sf172/450 |
| | | Wet diamond core drill bit WCHP-182/450 (1 ¼" UNC) EXPERT EKF | | 182 | | 13 | wchp-sf182/450 |
| | | Wet diamond core drill bit WCHP-200/450 (1 ¼" UNC) EXPERT EKF | | 200 | | 15 | wchp-sf200/450 |



# DRILLING TEMPLATES

| Picture | Name | Iteam code |
|---|---|---|
| | Wall box template set 68 mm EXPERT EKF | sh-d68-k |
| | Wall box template set 72 mm EXPERT EKF | sh-d72-k |
| | Wall box template set 82 mm EXPERT EKF | sh-d82-k |
| | Wall box template 1 gang 68 mm EXPERT EKF | sh-d68-1 |
| | Wall box template 1 gang 72 mm EXPERT EKF | sh-d72-1 |
| | Wall box template 1 gang 82 mm EXPERT EKF | sh-d82-1 |
| | Wall box template 2 gang 68 mm EXPERT EKF | sh-d68-2 |
| | Wall box template 2 gang 72 mm EXPERT EKF | sh-d72-2 |
| | Wall box template 2 gang 82 mm EXPERT EKF | sh-d82-2 |
| | Wall box template 3 gang 68 mm EXPERT EKF | sh-d68-3 |
| | Wall box template 3 gang 72 mm EXPERT EKF | sh-d72-3 |
| | Wall box template 3 gang 82 mm EXPERT EKF | sh-d82-3 |
|  | Wall box template 4 gang 68 mm EXPERT EKF | sh-d68-4 |
| | Wall box template 4 gang 72 mm EXPERT EKF | sh-d72-4 |
| | Wall box template 4 gang 82 mm EXPERT EKF | sh-d82-4 |
| | Wall box template 5 gang 68 mm EXPERT EKF | sh-d68-5 |
| | Wall box template 5 gang 72 mm EXPERT EKF | sh-d72-5 |
| | Wall box template 5 gang 82 mm EXPERT EKF | sh-d82-5 |
| | Wall box template 10 gang 32 mm EXPERT EKF | sh-d32-10 |

# DIAMOND CUTTING DISCS

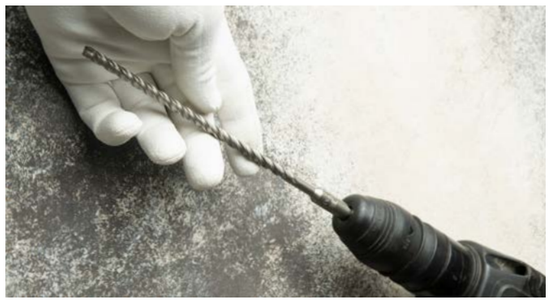
| | Picture | Name | Description | Outer diameter, mm | Maximum speed, rpm | Thickness / height of the cutters, mm | Depth of cut, mm | Item code |
|---|---|---|---|---|---|---|---|---|
| MASTER | | Diamond disc Segmented (125×22,23 mm) MASTER EKF | Concrete, curbstone, fireclay brick, brick, paving slabs, hard sandstone<br>concrete, brick, stone | 125 | 12200 | 2,2 / 10 | 20 | dd-125s |
| | | Diamond disc Segmented (150×22,23 mm) MASTER EKF | | 150 | 10200 | 2,2 / 10 | 30 | dd-150s |
| | | Diamond disc Segmented (230×22,23 mm) MASTER EKF | | 230 | 6600 | 2,7 / 10 | 60 | dd-230s |
| | | Diamond disc Turbo (125×22,23 mm) MASTER EKF | Concrete, curbstone, brick, paving slabs, hard sandstone, granite<br>concrete, brick, stone | 125 | 12000 | 2,2 / 10 | 20 | dd-125t |
| | | Diamond disc Turbo (150×22,23 mm) MASTER EKF | | 150 | 10200 | 2,3 / 10 | 30 | dd-150t |
| | | Diamond disc Turbo (230×22,23 mm) MASTER EKF | | 230 | 6600 | 2,8 / 10 | 60 | dd-230t |
| EXPERT | | Diamond disc Hard Segmented (125×22,23 mm) EXPERT EKF | Concrete, curbstone, brick, paving slabs, hard sandstone, granite, reinforced concrete<br>reinforced concrete, concrete, brick, stone | 125 | 12200 | 2 / 10 | 20 | dd-125hps |
| | | Diamond disc Hard Segmented (150×22,23 mm) EXPERT EKF | | 150 | 10200 | 2,2 / 10 | 30 | dd-150hps |
| | | Diamond disc Hard Segmented (230×22,23 mm) EXPERT EKF | | 230 | 6800 | 2,4 / 10 | 60 | dd-230hps |
| | | Diamond disc Turbo Segmented (125×22,23 mm) EXPERT EKF | Reinforced concrete, mesh reinforced concrete, non-reinforced concrete, curbstone, natural stone, paving slabs, brick<br>reinforced concrete, concrete, brick, stone | 125 | 12200 | 2,1 / 10 | 20 | dd-125ts |
| | | Diamond disc Turbo Segmented (230×22,23 mm) EXPERT EKF | | 230 | 6600 | 2,5 / 10 | 60 | dd-230ts |

# DRILL BITS

## DRILL BITS PROFESSIONAL

reinforced concrete · concrete · brick · stone

| PROFESSIONAL | Picture | Name | Total length, mm | Drill depth, mm | Diameter, mm | Item code |
|---|---|---|---|---|---|---|
| | | Concrete drill bit SDS-plus 6×110 mm 4 cutters PROFESSIONAL EKF | 110 | 45 | 6 | db-6-110-4x4-ue |
| | | Concrete drill bit SDS-plus 6×160 mm 4 cutters PROFESSIONAL EKF | 160 | 95 | 6 | db-6-160-4x4-ue |
| | | Concrete drill bit SDS-plus 6×210 mm 4 cutters PROFESSIONAL EKF | 210 | 142 | 6 | db-6-210-4x4-ue |
| | | Concrete drill bit SDS-plus 8×110 mm 4 cutters PROFESSIONAL EKF | 110 | 45 | 8 | db-8-110-4x4-ue |
| | | Concrete drill bit SDS-plus 8×160 mm 4 cutters PROFESSIONAL EKF | 160 | 95 | 8 | db-8-160-4x4-ue |
| | | Concrete drill bit SDS-plus 8×210 mm 4 cutters PROFESSIONAL EKF | 210 | 142 | 8 | db-8-210-4x4-ue |
| | | Concrete drill bit SDS-plus 8×110 mm 4 cutters PROFESSIONAL EKF | 110 | 45 | 10 | db-10-110-4x4-ue |
| | | Concrete drill bit SDS-plus 8×160 mm 4 cutters PROFESSIONAL EKF | 160 | 95 | 10 | db-10-160-4x4-ue |
| | | Concrete drill bit SDS-plus 8×210 mm 4 cutters PROFESSIONAL EKF | 210 | 142 | 10 | db-10-210-4x4-ue |
| | | Concrete drill bit SDS-plus 12×160 mm 4 cutters PROFESSIONAL EKF | 160 | 93 | 12 | db-12-160-4x4-ue |
| | | Concrete drill bit SDS-plus 12×210 mm 4 cutters PROFESSIONAL EKF | 210 | 133 | 12 | db-12-210-4x4-ue |
| | | Concrete drill bit SDS-plus 12×260 mm 4 cutters PROFESSIONAL EKF | 260 | 180 | 12 | db-12-260-4x4-ue |







## DRILL BITS EXPERT

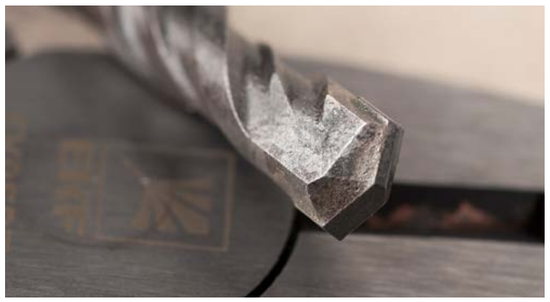
reinforced concrete · concrete · brick · stone

| EXPERT | Picture | Name | Total length, mm | Drill depth, mm | Diameter, mm | Item code |
|---|---|---|---|---|---|---|
| | | Concrete drill bit SDS-plus 6×110 mm 4 cutters, 4S spiral EXPERT EKF | 110 | 45 | 6 | db-6-110-4x4 |
| | | Concrete drill bit SDS-plus 6×160 mm 4 cutters, 4S spiral EXPERT EKF | 160 | 95 | 6 | db-6-160-4x4 |
| | | Concrete drill bit SDS-plus 6×210 mm 4 cutters, 4S spiral EXPERT EKF | 210 | 142 | 6 | db-6-210-4x4 |
| | | Concrete drill bit SDS-plus 8×110 mm 4 cutters, 4S spiral EXPERT EKF | 110 | 45 | 8 | db-8-110-4x4 |
| | | Concrete drill bit SDS-plus 8×160 mm 4 cutters, 4S spiral EXPERT EKF | 160 | 95 | 8 | db-8-160-4x4 |
| | | Concrete drill bit SDS-plus 8×210 mm 4 cutters, 4S spiral EXPERT EKF | 210 | 142 | 8 | db-8-210-4x4 |
| | | Concrete drill bit SDS-plus 10×160 mm 4 cutters, 4S spiral EXPERT EKF | 160 | 95 | 10 | db-10-160-4x4 |
| | | Concrete drill bit SDS-plus 10×210 mm 4 cutters, 4S spiral EXPERT EKF | 210 | 142 | 10 | db-10-210-4x4 |
| | | Concrete drill bit SDS-plus 12×160 mm 4 cutters, 4S spiral EXPERT EKF | 160 | 93 | 12 | db-12-160-4x4 |
| | | Concrete drill bit SDS-plus 12×210 mm 4 cutters, 4S spiral EXPERT EKF | 210 | 133 | 12 | db-12-210-4x4 |
| | | Concrete drill bit SDS-plus 14×210 mm 4 cutters, EXPERT EKF | 210 | 132 | 14 | db-14-210-4x4 |
| | | Concrete drill bit SDS-plus 14×260 mm 4 cutters, EXPERT EKF | 260 | 179 | 14 | db-14-260-4x4 |

## DRILL BITS MASTER

concrete · brick · stone

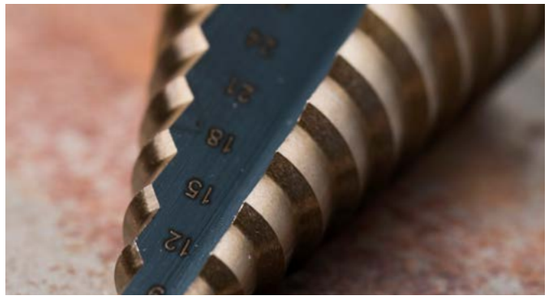
| MASTER | Picture | Name | Total length, mm | Drill depth, mm | Diameter, mm | Item code |
|---|---|---|---|---|---|---|
| | | Concrete drill bit SDS-plus 6×110 mm 2 cutters, 4S spiral MASTER EKF | 110 | 45 | 6 | db-6-110-2x4 |
| | | Concrete drill bit SDS-plus 6×160 mm 2 cutters, 4S spiral MASTER EKF | 160 | 95 | 6 | db-6-160-2x4 |
| | | Concrete drill bit SDS-plus 8×210 mm 2 cutters, 4S spiral MASTER EKF | 210 | 142 | 6 | db-6-210-2x4 |
| | | Concrete drill bit SDS-plus 8×110 mm 2 cutters, 4S spiral MASTER EKF | 110 | 45 | 8 | db-8-110-2x4 |
| | | Concrete drill bit SDS-plus 8×160 mm 2 cutters, 4S spiral MASTER EKF | 160 | 95 | 8 | db-8-160-2x4 |
| | | Concrete drill bit SDS-plus 8×210 mm 2 cutters, 4S spiral MASTER EKF | 210 | 142 | 8 | db-8-210-2x4 |
| | | Concrete drill bit SDS-plus 10×160 mm 2 cutters, 4S spiral MASTER EKF | 160 | 95 | 10 | db-10-160-2x4 |
| | | Concrete drill bit SDS-plus 10×210 mm 2 cutters, 4S spiral MASTER EKF | 210 | 142 | 10 | db-10-210-2x4 |



# STEP DRILL BITS

MASTER

| Picture | Name | Diameter, mm | Shank type | Total length, mm | Step height, mm | Item code |
|---|---|---|---|---|---|---|
| | Step drill bit ST-4-12/1 HSS | 4, 5, 6, 7, 8, 9, 10, 11, 12 | 1/4" ⬢ | 70 | 5 | ST-4-12/1 |
| | Step drill bit ST-4-20/2 HSS | 4, 6, 8, 10, 12, 14, 16, 18, 20 | Three-point ⬢ | 75 | | ST-4-20/2 |
| | Step drill bit ST-4-30/2 HSS | 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30 | Three-point ⬢ | 100 | | ST-4-30/2 |
| | Step drill bit ST-4-39/3 HSS | 4, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39 | Three-point ⬢ | 113 | | ST-4-39/3 |



# CHISELS

MASTER

| Picture | Name | Item code |
|---|---|---|
| | Chisel semicircular SDS-plus 22×250 mm MASTER EKF | ch-22-250-ms |
| | Chisel wide flat SDS-plus 40×250 mm MASTER EKF | ch-40-250-ms |
| | Chisel flat SDS-plus 20×250 mm MASTER EKF | ch-20-250-ms |
| | Chisel pointed SDS-plus 250 mm MASTER EKF | ch-14-250-ms |

ENERGY KNOWLEDGE FUTURE

# PERSONAL PROTECTIVE EQUIPMENT



MASTER

| Picture | Name | PVC DOT |
|---|---|---|
| | Description | Knitted cotton gloves made of blended yarn. Seamless knit technology makes them very comfortable to wear. PVC dot pattern provides high abrasion resistance and excellent palm protection |
| | Features | • Knit grade: 10<br>• Base composition: 60% cotton, 40% polyester<br>• Coating composition: 100% PVC<br>• Coating coverage: ½ (palm and fingertips)<br>• PVC coating type: dot pattern<br>• Two sizes (9, 10) |
| | Item code | pe10ct-9-mas, pe10ct-10-mas |

MASTER

| Picture | Name | PROTECTION safety work gloves with a single layer latex coating |
|---|---|---|
| | Description | Universal cotton safety gloves with a single layer natural latex coating. The latex coating prevents the ingress of moisture and dirt and ensures high abrasion resistance |
| | Features | • Knit grade: 13<br>• Base composition: 60% cotton, 40% polyester<br>• Coating composition: 100% PVC<br>• Coating coverage: ½ (palm and fingertips)<br>• Coating type: wrinkled, single coated<br>• Two sizes (9, 10) |
| | Item code | pe13lt-9-mas, pe13lt-10-mas |

EXPERT

| Picture | Name | PROFI wrinkled latex coated work gloves |
|---|---|---|
| | Description | All-purpose polyester-based wrinkled latex palm gloves with nylon liner. Wrinkled latex palm coating enables excellent grip on slippery surfaces. Great choice for working with glass, sharp or cutting materials |
| | Features | • Knit grade: 15<br>• Base composition: 100% polyester<br>• Coating composition: 100% natural latex<br>• Coating coverage: ½ (palm and fingertips)<br>• Coating type: wrinkled, single coated<br>• Two sizes (9, 10) |
| | Item code | pe15nl-proxima, pe15nl-10-proxima |

EXPERT

| Picture | Name | PROFI Touch for finishing work |
|---|---|---|
| | Description | Intended for delicate finishing work like wallpaper hanging, painting, furniture assembly, and other decoration jobs, these fine lint-free gloves offer excellent sensitivity and do not mar finished surfaces |
| | Features | • Knit grade: 15<br>• Base composition: 95% polyamide + 5% spandex<br>• Coating composition: 100% water-based polyurethane<br>• Three sizes (7, 8, 9) |
| | Item code | pe15pm-7-exp, pe15pm-8-exp, pe15pm-9-exp |

PROFESSIONAL

| Picture | Name | WINTER PVC DOT thermal work gloves |
|---|---|---|
| | Description | All-purpose gloves for low-temperature applications. The gloves are fleece-lined, keeping you warm and providing maximum comfort. PVC dots provide excellent sensitivity and grip. Designed for moderate mechanical load |
| | Features | • Knit grade: 7<br>• Base composition: 100% acrylic wool<br>• Coating composition: 100% PVC<br>• Coating coverage: ½ (palm and fingertips)<br>• Coating type: dot pattern<br>• Two sizes (9, 10) |
| | Item code | pe7ac-9-pro, pe7ac-10-pro |

PROFESSIONAL

| Picture | Name | PROFI WINTER wrinkled latex coated thermal work gloves |
|---|---|---|
| | Description | All-purpose gloves for low-temperature applications. The gloves are fleece-lined inside, keeping you warm and providing maximum comfort. Wrinkled latex palm coating enables secure grip on slippery surfaces. Great choice for working with glass, sharp or cutting materials. Improved thumb protection with full latex coating. Designed for high mechanical loads |
| | Features | • Knit grade: 10<br>• Base composition: 100% acrylic wool<br>• Coating composition: 100% natural latex<br>• Coating type: wrinkled, single coated<br>• Coating coverage: ½ (palm and fingertips)<br>• Base colour: safety orange, safety green<br>• Coating colours: blue, black |
| | Item code | pe10lt-9-pro, pe10lt-10-pro |

PROFESSIONAL

| Picture | Name | Universal electrician tool bag C-03 PROFESSIONAL EKF |
|---|---|---|
| | Dimensions | 330×260×200 mm |
| | Description | Universal electrician tool bag C-03 is designed for tool storage and carrying |
| | Features | • 100% durable 1680D Oxford polyester<br>• Rubberized bottom to protect contents from oil and moisture<br>• Two carrying handles for improved carry comfort<br>• Special pocket for the multimeter<br>• Extra stitching in load-bearing areas<br>• Roomy interior with internal pockets for secure carry<br>• Reinforced carrying handles capable of supporting heavy tool load with fabric wraparound to reduce hand pressure (up to 20 kg) |
| | Item code | C-03 |

PROFESSIONAL

| Picture | Name | Universal electrician tool bag C-01 PROFESSIONAL EKF |
|---|---|---|
| | Dimensions | 450×330×380 mm |
| | Description | Universal electrician tool bag C-01 is designed for tool storage and carrying |
| | Features | • 100% durable 1680D Oxford polyester<br>• Universal strap with soft anti-slip shoulder pad<br>• Extra stitching in load-bearing areas. Increased tool capacity<br>• Reinforced zipper with durable links<br>• External pockets for safe carry of multimeter and digital clamp meter<br>• Roomy and well thought-out interior for every type of tool<br>• Rigid oil- and water-resistant bottom |
| | Item code | C-01 |

PROFESSIONAL

| Picture | Name | Tool organizer C-10 PROFESSIONAL EKF |
|---|---|---|
| | Dimensions | 310×60×420 mm |
| | Description | Tool Organizer C-10 is a convenient backpack insert that can be used to store frequently accessed tools |
| | Features | • Improves the capacity of the tool bag or backpack<br>• Neatly organizes most frequently used tools, keeping them within hand's reach<br>• 100% durable 1680D Oxford polyester<br>• Pockets for screwdrivers and pliers. All the essentials at the fingertips<br>• Additional stitching in the load-bearing areas<br>• At 31×42 cm the organizer is compatible with C-07 and C-08 backpacks, as well as C-01 tool bag and C-02 messenger bag |
| | Item code | C-10 |

PROFESSIONAL

| Picture | Name | Service engineer's messenger bag C-02 PROFESSIONAL EKF |
|---|---|---|
| | Dimensions | 400×170×300 mm |
| | Description | Service engineer's messenger bag is designed to carry and store tools, documents, as well as a laptop |
| | Features | • Dedicated compartment for a laptop, electronics, or a change of clothes<br>• Reinforced zipper with durable links<br>• Reinforced stitching in load-bearing areas<br>• Universal strap with soft anti-slip shoulder pad<br>• Spacious interior with tool pockets<br>• Large outer pocket with a flap for documents |
| | Item code | C-02 |

PROFESSIONAL

| Picture | Name | Belt tool bag with shoulder strap and cover flap C-14 PROFESSIONAL EKF |
|---|---|---|
| | Dimensions | 250×150×300 mm |
| | Description | Tool bag C-14 is designed for electrical installation and routine maintenance work |
| | Features | • Hard-wearing EVA pouches. Hold their shape well. Perfect for tools and hardware<br>• Deep pockets, positioned at different levels, improve the user's mobility<br>• Universal strap with soft anti-slip shoulder pad<br>• The strap can also be used as a belt, extending the capabilities of the bag<br>• Well thought interior layout - all the tools are at your fingertips<br>• Cover to prevent the tools from falling out<br>• Can be carried on a toolbelt or used as an accessory for C-15 and C-12<br>• Carry handle |
| | Item code | C-14 |

PROFESSIONAL

| Picture | Name | Tool bag with foldable stool C-06 PROFESSIONAL EKF |
|---|---|---|
| | Dimensions | 360×340×400 mm |
| | Description | Tool bag with foldable stool C-06 is used for storing and carrying tools and as a convenient place to sit during installation of wiring accessories |
| | Features | • 100% durable 1680D Oxford polyester<br>• Reinforced steel frame for improved safety<br>• The tool bag can be detached and used independently<br>• Universal strap with soft anti-slip shoulder pad<br>• Ideal for installing sockets and parapet channels |
| | Item code | C-06 |

PROFESSIONAL

| Picture | Name | Service engineer's backpack with retroreflective strips C-08 PROFESSIONAL EKF |
|---|---|---|
| | Dimensions | 280×120×410 mm |
| | Description | Service engineer's backpack with retroreflective strips C-08 is designed to carry and store tools documents, laptop |
| | Features | • Dedicated compartment for a laptop, electronics, or a change of clothes<br>• Reinforced zipper with durable links<br>• Reinforced stitching in load-bearing areas<br>• Padded back and shoulder straps for greater comfort<br>• Spacious interior with tool pockets<br>• Large outer pocket for documents and papers |
| | Item code | C-08 |

PROFESSIONAL

| Picture | Name | Heavy-duty tool backpack C-07 PROFESSIONAL EKF |
|---|---|---|
| | Dimensions | 400×150×450 mm |
| | Description | Heavy-duty tool backpack C-07 is designed to store and carry tools |
| | Features | • 100% durable 1680D Oxford polyester<br>• Padded back and shoulder straps for greater comfort<br>• Rubberized bottom to protect contents from oil and moisture<br>• Two carrying handles for improved hand carry comfort<br>• Retroreflective strips for improved safety<br>• Special pocket for the multimeter<br>• Reinforced zipper with durable links<br>• Extra stitching in load-bearing areas<br>• Roomy interior with internal pockets for secure tool carry<br>• Reinforced carrying handles, capable of supporting heavy tool weight with fabric wraparound to reduce hand pressure (up to 20 kg) |
| | Item code | C-07 |

PROFESSIONAL

| Picture | Name | Three-pouch tool belt C-12 PROFESSIONAL EKF |
|---|---|---|
| | Dimensions | 1300 mm |
| | Description | Three-pouch tool belt C-12 is a convenient solution for general construction and electrical work |
| | Features | • Durable wide belt with Velcro fastening and padding to reduce pressure on the lumbar area<br>• Hard-wearing EVA pouches. Hold their shape well. Perfect for tools and hardware<br>• Hammer hanger, tape measure hanger<br>• Reinforced metal suspender loops<br>• Pouch pockets positioned at different levels for ease of use<br>• Durable reinforced double grommet belt<br>• Deep pouches to securely hold the tools<br>• Additional stitching in the load-bearing areas |
| | Item code | C-12 |

PROFESSIONAL

| Picture | Name | Tool belt with harness and 3 pouches C-15 PROFESSIONAL EKF |
|---|---|---|
| | Dimensions | 1300 mm |
| | Description | Three-pouch tool belt with harness C-15 is an excellent solution for general construction and electrical work |
| | Features | • 100% durable 1680D Oxford polyester<br>• Hard-wearing EVA pouches. Hold their shape well. Perfect for tools and hardware<br>• Three-point harness for better weight distribution and reduced fatigue<br>• Bit driver holster with dedicated core bit holder<br>• Wide belt with Velcro fastening and padded inserts to reduce pressure on the lumbar area<br>• Durable reinforced double grommet belt<br>• Pouches and harness compatible with C-12 tool belt bag<br>• Additional stitching in the load-bearing area |
| | Item code | C-15 |

PROFESSIONAL

| Picture | Name | Safety vest with reflective strips S-22 PROFESSIONAL EKF |
|---|---|---|
| | Description | Adjustable safety vest with reflective strips and tool pockets S-22 is a convenient solution for tool carry during general construction and electrical work |
| | Features | • 100% durable 1680D Oxford polyester<br>• Hard-wearing EVA pouches. Hold their shape well. Perfect for tools and hardware<br>• The back of the vest is made of denim-like durable natural cotton material. It's much easier to work in this vest, especially in hot weather<br>• Deep pockets and pouches positioned at different levels, improve the user's mobility<br>• Integrated vest carry and safety loop<br>• Customizable at waist and shoulders. Can be worn over warm clothing<br>• Additional stitching in the load-bearing areas<br>• Reflective strip for improved safety<br>• Tape measure hanger. Insulation tape hanger. Wire bundle hanger<br>• Transparent badge pocket |
| | Item code | C-22 |

EKF

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