



PUNCH DRIVERS | CRIMPERS | CUTTERS | DIES

www.tengroup.com.au Our Energy, Your Power.





CONTENTS

Punch Drivers - Punch & Dies	3
Punch Driver, Hand Hydraulic	
Keyway Punch - Hand operated	
Punch Driver, Battery Powered - Greenlee	
Speed Punch & Dies - Greenlee	
Speed Punch Knock-Out Kit - Metric ISO16 - 40	5
Busbar Bender, Hydraulic	
Punch Head, Hydraulic	6
Busbar Cutter, Hydraulic	
Battery Powered Crimpers	7
5 Tonne Crimper & Cutter	7
6 Tonne Dies	
5 Tonne Crimper	8
Cembre Style Dies	8
3.5 Tonne Crimper	9
Series 4 Dies Suits	9
6 Tonne Universal Tool - In-Line	10
50 Series Mini Crimper, Electromechanical	11
50 Series Dies	11



See "Switchboard Commissioning" catalogue for all Safety Equipment and PPE

Battery Powered Cutters	12
20mm Cutter, ACSR/AL/CU	12
32mm Cutter, AL/CU	12
50mm Cutter - AL/CU	13
Batteries, Chargers and Accessories	13
Makita 18V Charger	13
Klauke 10.8V Charger	
Makita & Klauke Batteries	13
Cable Stripping	14

TEN is your complete source for tools and construction equipment for the energy industry.

We only choose to work with quality brands that deliver industry designed, tested and proven products that are fit for purpose and offer the best lifetime value for our customers.

Part of TEN's offering includes equipment for Electrical Switchboard Manufacturing, which includes but not limited to Hole Punching equipment and Cable crimping & Cutting Tools.

TEN also supplies a range of Electrical Switchboard Commissioning Safety equipment & PPE, along with a range of 1000V hand & battery tools.

For further information on this range or if you are interested in TEN's full range of tools & equipment, visit our website at tengroup.com.au, email us at sales@tengroup.com.au or call on 07 3212 8999

Various products shown in this catalogue are covered by patents, have patents pending, or are registered designs. Various marks in this catalogue are registered trademarks. Dimensions are nominal and should not be relied on for engineering purposes. Specifications are subject to change without prior notification. TEN reserves the right to supply alternate brands at its discretion. Supply of a product is subject to availability. Unless required by law the company cannot accept any responsibility for any loss, damage or consequence resulting from the use of this publication. Purchasers should make their own enquiries prior to placing an order regarding the fitness and suitability of the products advertised. Photographs shown are for illustrative purposes only. The information in this brochure is copyright and should not be reproduced without prior written consent.

Front page image: Switchboard room in large commercial building, Kgbo, CC BY-SA 4.0 https://creativecommons.org/licenses/by-sa/4.0, via Wikimedia Commons ©2022, TEN Group, The Energy Network.





Part No. ISOPD16-50 Mild and Stainless steel **Punch and Dies**

Punch & Dies Set (ISOPD16-50) includes:

7 x Round, 3 Crown ISO type, Punch & Dies (*Indicated in table below) 1 x 9.5 x 80mm & 1 x 19 x 138mm Draw studs 1 x 20, 1 x 34 & 1 x 44mm Spacers

Punch & Draw Stud Part No's

Part No.	Hole Size (mm)	Draw Stud (mm)	Part No.
ISOPD-16	16*	3/8" (9.5)	DS3-8
ISOPD-20	20*	3/8" (9.5)	DS3-8
ISOPD-22.5	22.5*	3/8" (9.5)	DS3-8
ISOPD-25	25*	3/8" (9.5)	DS3-8
ISOPD-32	32*	3/4" (19)	DS3-4
ISOPD-40	40*	3/4" (19)	DS3-4
ISOPD-50	50*	3/4" (19)	DS3-4
PD-75	<i>7</i> 5	3/4" (19)	DS3-4
PD-50	90	3/4" (19)	DS3-4

Spacer Part No's

Part No.	Spacer (mm)
DSS-20	20
DSS-34	34
DSS-44	44



Punch Drivers - Punch & Dies

Punch Driver, Hand Hydraulic

Part No. SB-10B

The SB-10B is a Hand Pump with a Remote Punching Head attached to a flexible Hose Lead. Often referred to as a Chassis Punch, this Unit is a Premium Quality Punch Kit.

- 1 x SB-10B Hand Hydraulic Punch kit
- 1 x Steel Carrying Case



Technical Data

Part No.	SB-10B
Output Force (kN)	8.8
Pressure (PSI)	10,000 (700bar)
Dimensions (mm)	370 x 220 x 130
Weight (kg)	9.0

Punching Capacity

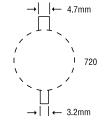
Material	Punch Size (mm) OD	Material Thickness (mm)
Mild Steel	115.5	3.2
Stainless Steel	63.5/115.5	3.2/1.6

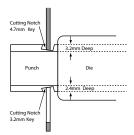
Square Punch & Dies available upon request

Keyway Punch - Hand operated

Part No. 720

Eliminates time-consuming hand sawing and filing making keyways for push-button switches Use as a nibbler to make wider or deeper keyways in up to 3.2mm mild steel Punches 3.2mm or 4.7mm keyways for 22.5mm or 30.5mm push-button holes





Ordering information

Part No.	Description	Weight (kg)
720	Keyway Punch	1.27
26536	Replacement Punch	-
26538	Replacement Die	-

GREENLEE







Head Rotates 360° Ergonomic single push button operation

Punch Driver, Battery Powered - Greenlee

Part No. LS100FLEXCFM

Inteli-PUNCH™ Driver - Greenlee - Made in Germany

The 11-Tonne Battery powered Punch Driver from Greenlee is the fastest, most powerful knockout driver available on the market today.





- Auto-Retract Technology Patent-Pending Pressure-sensing technology accurately detects punch completion and automatically retracts the ram, for longer tool life
- Time Saver maximum cycle time of 8 seconds
- Punch up to 161.9mm size holes in mild steel and 115.4mm holes in stainless steel
- 360° Rotating Head Rugged, patent-pending swivel design to punch at any angle
- Compact, Ergonomic Design Ergonomic tapered grip for easy one-handed operation
- Gator Eye® Compatible with i-Press™ software, monitor tool performance including peak forces and number of cycles
- Compatibility Works with all Greenlee knockouts. Same draw studs used with other Greenlee Hydraulic punches
- Lightweight 2.63kg
- Led light for dark areas

Technical Data

Output Force (kN)	11
Battery	Makita 18V - 4.0Ah*
Charging Time (min)	36
Weight (kg)	2.8 with Battery

Punching Capacity

Material	Punch Size (mm) OD	Material Thickness (mm)
Mild Steel	12.7 to 115.4	3.4
Stainless Steel	12.7 to 89.9 12.7 to 115.4	3.4 2.6

^{*}See page 13 for information on batteries and chargers. See adjacent page for the full range of punch & dies.



makita. 4.OAH (IJBV NOT

See opposite page for Speed Punch™

Order Information

Part No.	Description
LS100FLEXCFM-K	1 x Punch Driver 2 x 18v Makita Batteries 1 x Charger Draw Stud 19mm to 9.5mm (52042827) & Short Spacer (50032488)

^{*}Draw Stud 19mm 52045298 is required for punch sizes 50.8mm (ISO50) & 63.5mm (ISO60)

NOTE: Above draw stud suits standard punch & dies and are not compatible with the Speed Punch & Dies on opposite page.

LED Illumination

Genuine Makita Li-Ion Battery

of workspace





Speed Punch & Dies - Greenlee



SAVE TIME & MONEY WITH EVERY PUNCH





SPEED LOCK -

Quickly secures the system in place more holes, less time.

RUGGED **GROOVES**

Holds up on the job - no more damaged threads.



NO THREAD PUNCH

Easily slides on/off draw stud.

EXTENDED DIE HEIGHT

No need for spacers.

STANDARD DRAW

Works with existing

STUD END

hydraulic and battery-operated punch drivers.



SCAN or CLICK to View Operation Video

Speed Punch Knock-Out Kit - Metric ISO16 - 40

Part No. 52055439SET

For punching holes in mild steel, aluminium, fiberglass, and plastic

Capacity: Mild Steel Max 3.0 mm

Diameter: Actual hole sizes: 16.2mm to 40.5mm (ISO)

Use with Greenlee Punch Drivers: LS 100 - Battery-Powered Driver, or Hydraulic Drivers Driver:

(REQUIRES ALTERNATE LONG DRAW STUDS (7212SP13 & 7212SP12))

1 x each (Punch & Die) ISO-16, ISO-20, ISO-25, ISO-32, and ISO-40 Kits Includes:

1 x 3/8" Speed Lock & 1 x 3/4" Speed Lock

1 x 3/8" x 97mm Std. Draw Stud 1 x 34" x 122mm Std. Draw Stud

1 x Plastic Storage Case. ISO-16 to ISO-63 Diameter

Material: Black Oxide Finish

Pilot Hole: 3/8" Draw Studs: 12.7mm PILOT HOLE

34" Draw Studs: 22.2mm PILOT HOLE

Package: Plastic Storage Case

3.39 kg Weight:







Kit Replacement Parts for ISO 16 to 40mm (52055439SET)

Punch Part No.	Description/Hole Size (mm)
52055431	Punch & Die - ISO-16 / 16.2
52055432	Punch & Die - ISO-20 / 20.4
52055434	Punch & Die - ISO-25 / 25.4
52055435	Punch & Die - ISO-30 / 32.5
52055436	Punch & Die - ISO-40 / 40.5

Accessories

ISO:

Part No.	Description
52055439	%'' SPEED LOCK & %'' Draw Stud (12.7mm Pilot Hole)
52055440	34'' SPEED LOCK & 34'' Draw Stud (22.2mm Pilot Hole)
KKSPISO 16B63	Plastic Storage Case

Larger ISO Punch & Dies Sizes

Die Part No.	Description/Hole Size (mm)
52055437	Punch & Die - ISO-50 / 50.8
52055438	Punch & Die - ISO-63 / 63.5





Stainless Steel Standard and square Punch & Dies Option Available - Contact TEN for further Information

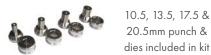












Punch Head, Hydraulic

Part No. SB-80C

The SB-80C Tower & Busbar punch is ideal for punching through steel tower legs & busbar, with a max hole diameter of 20.5mm.

The punch is sold standard with 4 punch & dies (10.5, 13.5, 17.5 & 20.5mm) Additional accessories include die fixing

tool, Allen key and Steel Carrying Case

Features

- Body manufacture from high strength steel
- Quick smooth punching with no burring
- Positing plate for precise punch location
- Include quick coupler for easy pump assembly
- Operate with a single acting hydraulic pump

Technical Data

Part No.	SB-80C	
Output Force (T)	31	
Pressure (PSI)	10,000 (700bar)	
Tool Dimensions (mm)	250 x 100 x 370	
Case Dimensions (mm)	440 x 380 x 160	
Throat Depth (mm)	80	
Weight (kg)	13.5	

Punching Capacity

Material	Punch Size (mm) OD	Material Thickness (mm)
Mild Steel	20.5	10
CU/AL	20.5	13

NOTE: Optional punch & dies sold separately - 8.5, 11.5, 15.5 & 18.5mm

Contact TEN for information on High Pressure Hydraulic Pumps and hoses

For further information on Busbar Benders and Cutters, please contact TEN

Busbar Bender, Hydraulic

Part No. BB-200C

Features • Output force: 20T

• Pressure: 10,000psi

• Bending Capacity: 200 x 12mm

• Weight: 28kg



Busbar Cutter, Hydraulic

Part No. BC-200V

Features

• Output force: 30T • Pressure: 10,000psi

• Cutting Capacity: 200 x 12mm

• Weight: 35kg







Red LED display and acoustic signal in case of error



Battery Powered Crimpers 5 Tonne Crimper & Cutter

Part No. EK425CFM

- Suitable for ABC, 6 to 240mm² Cu & 10 to 300mm² Al
- One handed ergonomic design with single push button operation
- Automatic retraction once crimp is completed
- Autostop function
- LED Light Illuminates working space
- Red LED display and acoustic signal
- High performance 18V Lithium-Ion battery
- Crimp head rotates 360°
- Multi-functional LED indicates maintenance and battery control
- Manual retraction does not rely on battery power



Order Information

Part No.	Description	
EK425CFM-0	Tool skin and case	
EK425CFM-K	Tool, 2 x 1.5Ah batteries, charger and case	

Ideal for ABC

Multi-function lightweight tool of only 2.6kg

Crimps (mm²)	Cu/Al 240, ACSR 185		
Crimping Force (kN)	50		
Stroke/Opening Width (m)	40		
No of crimps per charge	140 @ 70		
Battery	Makita 18V, 1.5Ah, Li-ion*		
Charging Time (min)	15		
Weight (kg)	2.6 including battery		

^{*} See page 13 for information on batteries and chargers. See below for the full range of dies.

6 Tonne Dies

Part No.	Size (mm²)	Across Flats (mm)	Crimp Width (mm)
Copper			
K6-04.4-CU	6	4.4	5.0
K6-05.7-CU	10	5.7	5.0
K6-06.3-CU	16*	6.3	6.0
K6-07.7-CU	25*	7.7	12.0
K6-09.2-CU	35*	9.2	12.0
K6-10.4-CU	50*	10.4	9.0
K6-11.5-CU	70*	11.5	9.0
K6-14.2-CU	95*	14.2	6.0
K6-16.5-CU	120*	16.5	6.0
K6-18.3-CU	150*	18.3	5.0
K6-20.0-CU	185*	20.0	5.0
K6-23.1-CU	240*	23.1	5.0
K6CUSET-16-240	* 16 to 240 (10 Dies) including 20 compartment metal box		
Aluminium			
K6-09.0-AL	10-35	9.0	5.0
K6-13.2-AL	50-70	13.2	12.0
K6-17.3-AL	95-120	17.3	12.0
K6-18.0-AL	150	18.0	12.0
K6-22.0-AL	150-185	22.0	9.0
K6-28.4-AL	240-300	28.4	5.0
ABC			
K6-14.0-ABC	25	14.0	9.0
K6-17.3-ABC	35-70	17.3	9.0
K6-21.5-ABC	95-150	21.5	9.0









5 Tonne Crimper

Part No. EK50CFM

- Crimps 10 to 185mm²
- ARS means faster crimp cycles (Automatic Retraction Stop)
- All tool data in view thanks to display and ipress app

Features

- All data can be easily read via Bluetooth
- Open head, rotatable 330°
- Visual and audible signals
- One-button controlling all tool functions
- LED for work area illumination

Order Information

Part No.	Description	
EK50CFM-0	Tool skin and case	
EK50CFM-K	Tool, 2 x 1.5Ah batteries, charger and case	

- Simple and safe: Automatic retraction when operation is complete
- Automatic Retraction Stop (ARS) for positioning control in case of multiple crimps
- Always ready-to-use thanks to battery charge and service display

Crimping Force (kN)	50
Crimping Range (mm²)	10 - 185
Stroke/Opening Width (mm)	17
Battery	Makita 18V - 1.5Ah*
Charging Time (min)	15
Weight (kg)	2.8 including battery

* See page 13 for information on batteries and chargers See below for the full range of dies



Shown in protective carry case (included)



Cembre Style Dies

Part No.	Size (mm²)	Across Flats (mm)	Die Style
Copper			
M57-50	10	5.7	Cembre
M63-50	16	6.3	Cembre
M77-50	25	7.7	Cembre
M92-50	35	9.2	Cembre
M104-50	50	10.4	Cembre
M115-50	70	11.5	Cembre
M142-50	95	14.2	Cembre
M165-50	120	16.5	Cembre
M200-50	185	20.0	Cembre
ABC			
M140-50	25	14.0	Cembre
M173-50	35-70	17.3	Cembre
M215-50	95-150	21.5	Cembre
Cutting Die	_		
MB52-50	Cutting Die	10.0	Cembre





Klauke®

Uses 4 Series interchangeable dies



LED Illumination of

Genuine Makita Li-Ion Battery

workspace



3.5 Tonne Crimper

Part No. EK354CFM

- Crimps 6 to 150 mm²
- Slim crimping head ideal for confined work areas
- All tool data view on display and using ipress app

Features

- All data can be easily read via Bluetooth
- Closed head, flip top style, rotatable 330°
- Visual and audible signals in case of error
- One-button controlling all tool functions
- 2.4kg total weight

Order Information

Part No.	Description	
EK354CFM-0	Tool skin and case	
EK354CFM-K	Tool, 2 x 1.5Ah batteries, charger and case	

- LED for work area illumination
- Always ready-to-use thanks to battery charge and service display
- Simple and safe: Automatic retraction when operation is complete

Crimping Force (kN)	35		
Crimping Range (mm²)	6-150		
Stroke/Opening Width (mm)	9		
Number of Crimps	approx. 145 at 120 Cu		
Battery	Makita 18V 1.5Ah*		
Charging Time (min)	15		
Weight (kg)	2.4 including battery		

^{*} See page 13 for information on batteries and chargers See below for the full range of dies



Shown in protective carry case (included)



Thakita EERICA

Series 4 Dies Suits

Part No.	Size (mm²)	Across Flats (mm)	Crimp Width (mm)
Copper			
K3.5-C6	6	4.4	5.0
K3.5-C10	10	5.7	5.0
K3.5-C16	16	6.3	5.0
K3.5-C25	25	7.7	5.0
K3.5-C35	35	9.2	5.0
K3.5-C50	50	10.4	5.0
K3.5-C70	70	11.5	5.0
K3.5-C14	Insulated Sleeve	14.0	5.0
K3.5-C95	95	14.2	5.0
K3.5-C120	120	16.5	5.0
K3.5-C150	150	18.3	5.0

Aluminium K3.5 Dies available - Contact TEN for further information





KlauKe®





Shown in protective carry case (included)

6 Tonne Universal Tool - In-Line

Part No. EKM60UNVCFM

- One head for crimping, cutting and punching 330°
- Ideal in the assembly field where all common jobs can be carried out using
- All tool data in view thanks to display and i-press

Order Information

Part No.	Description
EKM60UNVCFM-0	Tool skin and case
EKM60UNVCFM-K	Tool, 2 x 1.5Ah batteries, charger, and case

- All data can be easily read via Bluetooth
- Quality assurance via visual and audible
- One-button controlling all tool functions
- Universal head flip top style, rotatable
- Balanced centre of gravity

- LED for work area illumination
- 2-stage hydraulic system with fast feed and power stroke
- Automatic retraction when operation is complete
- LED Display

Technical Data

Crimping Force (T)	6
Crimping Range (mm²)	6-300
Cutting Range (mm)	max. 40 dia. (See page 31 for adapter)
Punching capacity (mm)	up to 64 dia. round (See page 31 for adapter)
Battery	Makita 18V 1.5Ah, Li-ion*
Charging Time (min)	15
Weight (kg)	3.0 including battery

^{*} See page 13 for information on batteries and chargers See below for the range of accessories See page 7 for a full range of 6 Tonne Dies

6-300mm² Crimping capacity 40mmod Cutting Range 64mm dia. round punching

Accessories/Tool	EKM60UNVCFM	
12 Tonne Die Adaptor (included)	Not Applicable	
6 Tonne Die Adaptor (included)	UA22	
Cutter 40mm ACSR	UCASR	
Cutter 40mm Al/Cu	UC40	
Punch Adapter	UA 12P (Up to 64mm)	
Cutter - Rail Catenary	Upon Request	
Cutter - Threaded Rod	Upon Request	

Cutting Die Part No. UCACSR

Cutting Die Part No. UC40 **Punch Adaptor** Part No. UA12P









Klauke

KlauKe





- Lightweight Compact design
 - ideal for high volume work
 - switchboard manufacturers
 - automotive wiring harnesses
- High speed crimping time < 1.5 seconds
- Automatic retraction



Included with tool

Lightweight -**Tool including** battery < 1 kg



Part No.	Description
EK50MLAU	Tool, case, battery, charger and IS5071 die

Technical Data

Crimping Force (kN/T)	15/1.5
Crimping Range (mm²)	0.14 - 50
Crimping Time (s)	<1.5
Battery	Klauke 1.5Ah/10.8V Li-ion (RAML)*
Crimps per Charge	300 @ 10 Cυ
Charging Time (min)	40
Weight (kg)	0.96 incl. battery

^{*} See page 13 for information on batteries and chargers See below for the full range of dies

Shown in protective carry case (included)



50 Series Dies

Part No.	Use	Size (mm²)
AE501	Bootlace lugs	0.14-6
AE502	Bootlace lugs	10-25
AE503	Bootlace lugs	35-50
BNC501	Stud & shielded sleeves	Coax 58, 59, 62, 71
CR501	Non insulated receptacles	0.25-6
IS501	Insulated lugs, double crimp	0.5-6
IS502	Insulated lugs, single crimp	10-16
IS503	Insulated lugs, double crimp	0.1-1

Part No.	Use	Size (mm²)
IS5071 *	Crimping, pre- insulated terminals	0.5-6
M50154	Cu tubular lugs - solid conductor	1.5-4
M50610	Cu tubular lugs - solid conductor	6-10
Q501	Cu soulderless & pin term	0.5-10
R501	Cu tubular lugs	0.72 -2.5
R502	Cu tubular lugs	4-10
SB501	Turned pin receptacle, pin connector	0.1-4

















M50154

BNC501

SB501

IS502

IS501

R501

AE501





Battery Powered Cutters

20mm Cutter, ACSR/AL/CU

Part No. ES20CFM

- For cutting Al/St conductors (ACSR), solid Cu cables and laminated copper bus bars
- Extremely robust design and lightweight
- Slim cutting head ideal when space is
- All tool data can be viewed using on-tool display and i-press app

Order Information

Part No.	Description
ES20CFM-0	Tool skin and case
ES20CFM-K	Tool, 2 x 1.5Ah batteries, charger and case

Features

- Makita battery system
- All data can be easily read via Bluetooth
- One-button controlling all tool functions
- Ergonomic balanced centre of gravity
- Open head, rotatable 330°

- LED Display
- Automatic retraction when operation is complete
- LED for work area illumination
- Visible and audible signals
- Battery charge and service display

Technical Data

Cutting Force (kN)	23
Cutting Range (mm)	Max 20 dia. dependent on cable type
Battery	Makita 18V 1.5Ah, Li-Ion*
Charging Time (min)	15
Weight (kg)	2.15 including battery

^{*} See page 13 for information on batteries and chargers

32mm Cutter, AL/CU

Part No. ES32CFM

- · Extremely robust design and lightweight
- Slim cutting head ideal when space is
- All tool data can be viewed using on-tool display and i-press app
- Suitable for Al and CU conductors only

Order Information

Part No.	Description
ES32CFM-0	Tool skin and case
ES32CFM-K	Tool, 2 x 1.5Ah batteries, charger and case

Features

- Makita battery system
- All data can be easily read via Bluetooth
- One-button controlling all tool functions
- Effortless working due to balanced centre of gravity
- Open head, rotatable 330°
- Automatic retraction when operation is complete
- LED for work area illumination
- LED display for showing tool data including visible and audible signals
- Battery charge and service display

Technical Data

Cutting Force (kN)	15
Cutting Range (mm)	Max 32 dia. dependent on cable type
Battery	Makita 18V 1.5Ah, Li-Ion*
Charging Time (min)	15
Weight (kg)	2.15 including battery

^{*} See page 13 for information on batteries and chargers









Makii

Part No. DC18RC

KlauKe

Makita 230VAC Rapid Charger

50mm Cutter - AL/CU

SCISSOR STYLE OPEN JAW

Part No. RCB-50Y

- Scissor Style Head
- Ideal for Confined spaces
- Max 600mm²
- 50mm Jaw opening



Order Information

Part No.	Description
RCB-50Y-0	Tool skin & case
RCB-50Y-K	Tool, 2 x 3.0Ah* Makita batteries, charger and case

^{*} See page 13 for information on batteries and chargers

Batteries, Chargers and Accessories

Makita 18V Charger

Part No. DC18RC

Features

- Integrated L.E.D.
- Battery charge level indicator allows user to monitor battery charge.
- Impact-resistant outer case and shockabsorbing inner-liner are engineered to protect the battery.
- Sixteen contact terminals maintain a constant connection with the tool to help prevent power loss or fluctuation, even during high-vibration applications.
- Battery resists self-discharge and remains ready for use even after long periods of storage.

- Star protection computer controls
 - includes overload protection, overdischarge protection and over heat protection.
- If the battery reaches a certain level of heat it will cut power to the tool, protecting the tool and battery from overheating.
- Forced air cooling fan cools the battery to minimise charging time.
- Digital power display identifies the condition of the battery and charging condition.
- Warranty: 2 Years Warranty Covered By Makita Australia.



Older Style KLAUKE Batteries available on request

Klauke 10.8V Charger

Part No. LGML1AU

Charger for Klauke Battery RAML1

Features

- 230VAC Charger
- Charges Klauke 10.8V batteries

Makita & Klauke Batteries

Battery	Makita BL1815N-L	Makita BL1830B	Makita BL1840B	Klauke RAML
lmage	makita 1811	and the state of t	The state of the s	
Voltage (V)	18	18	18	10.8
Amp (Ah)	1.5	3.0	4.0	1.5
Charge Time (min)	15	22	36	40
Weight (kg)	0.6	0.7	0.7	0.3





TEN Bushings Suit the following tools:

Milwaukee M18™ Battery **Cable Stripper** (Part No. M18BCS-OC) **Ripley Power Driven Stripper**

(Part No. WS68-3-8)



Ripley 4 X 4 Stripper (Part No. 36001H)



Ripley 2 X 2 Stripper (Part No. 36101H)



Punch & Draw Stud Part No's

Part No.	Hole Size (mm)	Draw Stud (mm)	Part No.
PD-63.5	63.5	3/4" (19)	DS3-4

SCAN or CLICK to see the stripper in action



Optional Ripley Bushing Quick Connect Adaptor (40110) attaches to the WS68, 4X4 & 2X2 Strippers for quick Bushing change



Cable Stripping



Quick & Easy change Bushings				
TEN Part No.	Square Cut Bushings to	suit LV ABC		
RB-100	10mm² Al XLPE OH			
RB-101	16mm² Al XLPE OH			
RB-200	25mm² Al XLPE OH			
RB-201	35mm² Al XLPE OH			
RB-300	50mm² Al XLPE OH			
RB-301	70mm² Al XLPE OH			
RB-400	95mm² Al XLPE OH			
RB-401	120mm² Al XLPE OH			
RB-500	150mm² Al XLPE OH			
	Square Cut Bushings to su	it Underground		
RB-102	16mm² Cu XLPE/PVC LV UG (Olex)			
RB-202	35mm² Cu XLPE/PVC LV UG (Olex)			
RB-302	50mm² Cu XLPE/PVC LV UG (Olex)			
	Square Cut Bushings to sui	t Building Cable		
RB-103	16mm² Cu PVC SDI V90 - Red (Olex) 16mm² Cu PVC SDI V90 - Black (Olex)			
RB-303	70mm² 19/2.14 Cu Green/Yellow Earth			
	building wire 240mm² Cu			
RB-600	Double Insulated Square Cut Bushings to suit PVC			
		ro suit PVC		
RB-304	50mm² Cu PVC 0.6/1kV Black on White (Olex)			
	70mm² Cu PVC 0.6/1kV Black on Clear (Olex)			
RB-305	70mm² Cu PVC 0.6/1kV			
	Black-White on Clear (Olex) Square Cut Bushings to su	uit Misc Cables		
RB-306	70mm² Cu XLPE / PVC, Black on White			
	(Olex) 120mm² Cu XLPE / PVC, Black on Clear			
RB-402	(Olex)			
RB-501	150mm² Cu, Black-White on Clear (Olex)			
	185mm² Cu, Black-White on Clear (Olex)			
RB-502				
	185mm² Cu,			
	185mm² Cu, Black (Prysmian)			
RB-501	185mm² Cu,			
RB-501	185mm² Cu, Black (Prysmian) 150mm² Al, Black (Olex) 240mm² Al XLPE / PVC,			
	185mm² Cu, Black (Prysmian) 150mm² Al, Black (Olex)			
RB-501 RB-601	185mm² Cu, Black (Prysmian) 150mm² Al, Black (Olex) 240mm² Al XLPE / PVC, Black on Colour (Olex)			
RB-501	185mm² Cu, Black (Prysmian) 150mm² Al, Black (Olex) 240mm² Al XLPE / PVC, Black on Colour (Olex)			

Images are a guide only and may not represent actual cable. Please contact TEN if your cable is not listed





Quality Tools, Equipment & Line Materials for the Energy Industry.

NOTES	



3100+ QUALITY PRODUCTS 44 MANUFACTURERS - 10 CATEGORIES 1 SOURCE



QUALITY TOOLS, EQUIPMENT AND LINE MATERIALS FOR THE ENERGY INDUSTRY

QLD/NT

65 Wentworth Place BANYO QLD 4014

www.tengroup.com.au

+61 7 3212 8999 | 8998 salesald@tengroup.com.au

TEN HIRE

91 Basalt Street GEEBUNG QLD 4034

+61 7 3212 8999 www.tenhire.com.au hire@tengroup.com.au

WA

4/15 Baile Road CANNING VALE WA 6155

+61 8 9455 5574

saleswa@tengroup.com.au

NSW

Suite F2, Level 1 152-156 Pacific Highway **TUGGERAH NSW 2259**

+61 417 631 443 salesnsw@tengroup.com.au

VIC

Unit 16, 191-195 Greens Road, DANDENONG STH VIC 3175 P|F +61 3 9793 1622 | 1644 salesvic@tengroup.com.au

TAS/SA

Unit 19, 15 Stanton Place CAMBRIDGE TAS 7170

+61 499 996 441

salestas@tengroup.com.au