



Cembre



Certified Quality Management System



Certified Environmental Management System



Certified Occupational Health & Safety Management System

GENERAL CATALOGUE



QUALITY POLICY AND OBJECTIVES



This catalogue illustrates the range of our standard products. For each product family we indicate the principal features, and sometimes the most frequent applications and the necessary guidelines for a correct application. Our sales personnel are at your disposal to supply more detailed information and our design and development engineers are available to study new solutions to particular applications.



All Cembre products comply with Directive 2011/65/EU of the European Parliament and Council dated 8 June 2011 (and subsequent amendment).

On 14th December 1990 Cembre SpA Quality Management System was certified by Lloyd's Register of Quality Assurance (LRQA) according to ISO 9002-1987 EN 29002 - 1987 BS 5750: Part 2: 1987 for the manufacture of insulated and uninsulated copper crimping connectors.

Then on 22nd December 1992 Cembre SpA was certified ISO 9001 for the design and manufacture of cable accessories, electrical connectors and associated tools. The activities of the main premises in Brescia, the Italian regional offices and the subsidiary companies in Great Britain, France, Spain, Germany and USA are governed by a single Quality System, assessed by Lloyd's Register of Quality as conforming to the ISO 9001:2015 norm, for the design, manufacture and sales of electrical connectors and associated tools, cable accessories, marking systems, toolings and products for railway applications. Tools for pressed joints for water, gas, steam, waste and HVAC and related accessories. In house repair, refurbishment and calibration of toolings.

This guarantees a homogeneous and high quality level of the products and services that Cembre offers to its customers.

Cembre S.p.A. has recently recognised the need to align its Environmental Management System with the spirit and content of UNI EN ISO 14001 as fundamental to future development.

To achieve this aim the Company undertook a demanding project to assess and evaluate all company functions and processes; from the development and design stage, to raw material selection and finally, the production process itself.

We have reached a new phase in this project as Cembre Ltd, a subsidiary company based in Great Britain, and the second production site of the Cembre Group, have recently achieved certification of their Environmental Management System according to ISO 14001:2015.

Cembre S.p.A. has recently enhanced its business processes with the certification by Lloyd's Register of Quality Assurance, of its Management System for the Health and Safety of Workers, in

accordance with the standard OHSAS18001:2012 (Occupational Health and Safety Management System).

The project, launched in early 2011, was strategically designed to facilitate the active participation of all employees at every level in the application of systems management, in order to optimise compliance of risk management capability with regard to laws and regulations concerning the health and safety of workers. All employees have received exhaustive training and are involved, by exercising their individual responsibility and competence, as key players in the identification of residual risk situations and the proposal of corrective solutions.

For Cembre then, this certification is not only the proper recognition of the quality of work performed, but also an incentive to maintain a determined competitive advantage in increasingly difficult and aggressive international markets.



Cembre S.p.A. factory in Brescia (ITALY)
covers an area of approximately 121.000 sqm

Cembre Ltd.
factory in Curdworth (Birmingham)



**Production
Units**





MECHANICAL AND PNEUMATIC TOOLS

symbol description

professional mechanical tools - hydraulic bench press



Can be operated with one hand



Hexagonal crimp



Manual pressure release button



Radial crimp



Ergonomically designed with a sculptured body for operator comfort



Indent crimp



Lightweight and balanced for greater control



Indent crimp



Dual-compound plastic handles
Greater safety and comfort in handling, thanks to the rubber inserts



Oval crimp



Durable moulded body offering high resistance to wear and damage in all operating conditions



Trapezium crimp



Extremely quiet in operation



Rhomboidal crimp



Protected against accidental intrusions



Square crimp

symbol description

professional mechanical tools - hydraulic bench press



Operating temperature range



Halogen free



USL-CNL Marking valid in USA & CANADA



CE marking



HP1

MECHANICAL TOOLS CRIMPSTAR® RANGE

for insulated terminals and connectors

Crimpstar®



TECHNICAL FEATURES:

Crimping Range	PVC, PC and PA6.6 insulated terminals and connectors for conductor sizes 0,2 to 2,5 sqmm
Dimensions mm	
Length	234,5
Width	73,0
Height	18,3
Weight g	512
Package Dimensions	240 x 81 x 25

Manual tool, compact and easy to use, equipped with:

- treated steel crimp jaws with high mechanical properties.
- factory-set ratchet for crimping control (automatic handle opening upon completion of crimping operation).
- Emergency release lever which, if necessary, opens the crimp jaws before their complete closure.
- Ergonomically designed non-slip moulded plastic grips.

HP3

MECHANICAL TOOLS CRIMPSTAR® RANGE

for insulated terminals and connectors

Crimpstar®



TECHNICAL FEATURES:

Crimping Range	PVC, PC and PA6.6 insulated terminals and connectors for conductor sizes 0,25 to 6 sqmm
Dimensions mm	
Length	234,5
Width	73,0
Height	18,3
Weight g	498
Package Dimensions	240 x 81 x 25

Manual tool, compact and easy to use, equipped with:

- treated steel crimp jaws with high mechanical properties.
- factory-set ratchet for crimping control (automatic handle opening upon completion of crimping operation).
- Emergency release lever which, if necessary, opens the crimp jaws before their complete closure.
- Ergonomically designed non-slip moulded plastic grips.

MECHANICAL TOOLS CRIMPSTAR® RANGE

for insulated terminals and connectors

HNN3

Crimpstar®



TECHNICAL FEATURES

Crimping Range	PA6.6 insulated terminals and connectors for conductor sizes 1,5 to 10 sqmm
Dimensions mm	
Length	234,5
Width	73,0
Height	18,3
Weight g	491
Package Dimensions	240 x 81 x 25



Manual tool, compact and easy to use, equipped with:

- treated steel crimp jaws with high mechanical properties.
- factory-set ratchet for crimping control (automatic handle opening upon completion of crimping operation).

- Emergency release lever which, if necessary, opens the crimp jaws before their complete closure.
- Ergonomically designed non-slip moulded plastic grips.

MECHANICAL TOOLS CRIMPSTAR® RANGE

for insulated terminals and connectors

HNN4

Crimpstar®



TECHNICAL FEATURES

Crimping Range	PA6.6 insulated terminals and connectors for conductor sizes 10 and 16 sqmm
Dimensions mm	
Length	234,5
Width	73,0
Height	18,3
Weight g	492
Package Dimensions	240 x 81 x 25



Manual tool, compact and easy to use, equipped with:

- treated steel crimp jaws with high mechanical properties.
- factory-set ratchet for crimping control (automatic handle opening upon completion of crimping operation).

- Emergency release lever which, if necessary, opens the crimp jaws before their complete closure.
- Ergonomically designed non-slip moulded plastic grips.

HPH1

MECHANICAL TOOLS CRIMPSTAR® RANGE

for through connectors PE HD insulated, heat shrinkable



Crimpstar®



TECHNICAL FEATURES



Crimping Range

Through connectors PE HD insulated, heat shrinkable.
for conductor sizes 0,5 to 6 sqmm and PA6.6 connectors NL-M, NL-P
for conductor sizes 0,25 to 6 sqmm

Dimensions mm

Length	234,5
Width	73,0
Height	18,3
Weight g	512
Package Dimensions	240 x 81 x 25

Manual tool, compact and easy to use, equipped with:

- treated steel crimp jaws with high mechanical properties.
- factory-set ratchet for crimping control (automatic handle opening upon completion of crimping operation).
- Emergency release lever which, if necessary, opens the crimp jaws before their complete closure.
- Ergonomically designed non-slip moulded plastic grips.

HNKE4

MECHANICAL TOOLS CRIMPSTAR® RANGE

for end sleeves



Crimpstar®



TECHNICAL FEATURES



Crimping Range

End sleeves
for conductor sizes 0,5 to 4 sqmm

Dimensions mm

Length	234,5
Width	73,0
Height	18,3
Weight g	498
Package Dimensions	240 x 81 x 25

Manual tool, compact and easy to use, equipped with:

- treated steel crimp jaws with high mechanical properties.
- factory-set ratchet for crimping control (automatic handle opening upon completion of crimping operation).
- Emergency release lever which, if necessary, opens the crimp jaws before their complete closure.
- Ergonomically designed non-slip moulded plastic grips.

MECHANICAL TOOLS CRIMPSTAR® RANGE

HNKE16

for end sleeves

Crimpstar®



TECHNICAL FEATURES

Crimping Range	End sleeves for conductor sizes 4 to 16 sqmm
Dimensions mm	
Length	236
Width	73,0
Height	18,3
Weight g	491
Package Dimensions	240 x 81 x 25



Manual tool, compact and easy to use, equipped with:

- treated steel crimp jaws with high mechanical properties.
- factory-set ratchet for crimping control (automatic handle opening upon completion of crimping operation).

- Emergency release lever which, if necessary, opens the crimp jaws before their complete closure.
- Ergonomically designed non-slip moulded plastic grips.

MECHANICAL TOOLS CRIMPSTAR® RANGE

HNKE50

for end sleeves

Crimpstar®



TECHNICAL FEATURES

Crimping Range	End sleeves for conductor sizes 25 - 35 - 50 sqmm
Dimensions mm	
Length	234,5
Width	73,0
Height	18,3
Weight g	590
Package Dimensions	240 x 81 x 25



Manual tool, compact and easy to use, equipped with:

- treated steel crimp jaws with high mechanical properties.
- factory-set ratchet for crimping control (automatic handle opening upon completion of crimping operation).

- Emergency release lever which, if necessary, opens the crimp jaws before their complete closure.
- Ergonomically designed non-slip moulded plastic grips.

HN1

MECHANICAL TOOLS CRIMPSTAR® RANGE

for uninsulated terminals and connectors



Crimpstar®



TECHNICAL FEATURES

Crimping Range	Uninsulated terminals and connectors for conductor sizes 0,25 to 10 sqmm
Dimensions mm	
Length	234,5
Width	73,0
Height	18,3
Weight g	480
Package Dimensions	240 x 81 x 25

Manual tool, compact and easy to use, equipped with:

- treated steel crimp jaws with high mechanical properties.
- factory-set ratchet for crimping control (automatic handle opening upon completion of crimping operation).
- Emergency release lever which, if necessary, opens the crimp jaws before their complete closure.
- Ergonomically designed non-slip moulded plastic grips.

HN5

MECHANICAL TOOLS CRIMPSTAR® RANGE

for uninsulated terminals and connectors



Crimpstar®



TECHNICAL FEATURES

Crimping Range	Uninsulated terminals and connectors for conductor sizes 10 and 16 sqmm
Dimensions mm	
Length	234,5
Width	73,0
Height	18,3
Weight g	489
Package Dimensions	240 x 81 x 25

Manual tool, compact and easy to use, equipped with:

- treated steel crimp jaws with high mechanical properties.
- factory-set ratchet for crimping control (automatic handle opening upon completion of crimping operation).
- Emergency release lever which, if necessary, opens the crimp jaws before their complete closure.
- Ergonomically designed non-slip moulded plastic grips.

MECHANICAL TOOLS CRIMPSTAR® RANGE

HN-A25

for uninsulated terminals and connectors A-M, L-M and L-P series

Crimpstar®



TECHNICAL FEATURES

Crimping Range	Uninsulated terminals and connectors A-M, L-M and L-P series for conductor sizes 10 to 25 sqmm
Dimensions mm	
Length	229
Width	78,6
Height	18,3
Weight g	500
Package Dimensions	240 x 81 x 25



Manual tool, compact and easy to use, equipped with:

- treated steel crimp jaws with high mechanical properties.
- factory-set ratchet for crimping control (automatic handle opening upon completion of crimping operation).

- Emergency release lever which, if necessary, opens the crimp jaws before their complete closure.
- Ergonomically designed non-slip moulded plastic grips.

MECHANICAL TOOLS CRIMPSTAR® RANGE

HN-D25

for Cu tube lugs DR (DIN 46235) and through connectors DSV (DIN 46267)

Crimpstar®



TECHNICAL FEATURES

Crimping Range	Cu tube lugs DR (DIN 46235) and through connectors DSV (DIN 46267) for conductor sizes 10 to 25 sqmm
Dimensions mm	
Length	229
Width	78,6
Height	18,3
Weight g	500
Package Dimensions	240 x 81 x 25



Manual tool, compact and easy to use, equipped with:

- treated steel crimp jaws with high mechanical properties.
- factory-set ratchet for crimping control (automatic handle opening upon completion of crimping operation).

- Emergency release lever which, if necessary, opens the crimp jaws before their complete closure.
- Ergonomically designed non-slip moulded plastic grips.

HF1

MECHANICAL TOOLS CRIMPSTAR® RANGE

for open barrel brass terminals



Crimpstar®



TECHNICAL FEATURES

Crimping Range	Open barrel brass terminals for conductors sizes 0,5 to 4 sqmm (not BN-FAB/FAR type)
Dimensions mm	
Length	234,5
Width	73,0
Height	18,3
Weight g	509
Package Dimensions	240 x 81 x 25

Manual tool, compact and easy to use, equipped with:

- treated steel crimp jaws with high mechanical properties.
- factory-set ratchet for crimping control (automatic handle opening upon completion of crimping operation).
- Emergency release lever which, if necessary, opens the crimp jaws before their complete closure.
- Ergonomically designed non-slip moulded plastic grips.

HF2

MECHANICAL TOOLS CRIMPSTAR® RANGE

for open barrel brass terminals



Crimpstar®



TECHNICAL FEATURES

Crimping Range	Open barrel brass terminals for conductors sizes 0,08 to 1,3 sqmm (28 to 16 AWG)
Dimensions mm	
Length	234,5
Width	73,0
Height	18,3
Weight g	497
Package Dimensions	240 x 81 x 25

Manual tool, compact and easy to use, equipped with:

- treated steel crimp jaws with high mechanical properties.
- factory-set ratchet for crimping control (automatic handle opening upon completion of crimping operation).
- Emergency release lever which, if necessary, opens the crimp jaws before their complete closure.
- Ergonomically designed non-slip moulded plastic grips.

MECHANICAL TOOLS CRIMPSTAR® RANGE

for coaxial connectors

HX1

Crimpstar®



TECHNICAL FEATURES

Crimping Range	Coaxial connectors type RG58, RG59, RG62 and RG 71
Dimensions mm	
Length	234,5
Width	73,0
Height	18,3
Weight g	481
Package Dimensions	240 x 81 x 25

Manual tool, compact and easy to use, equipped with:

- treated steel crimp jaws with high mechanical properties.

- factory-set ratchet for crimping control (automatic handle opening upon completion of crimping operation).



- Emergency release lever which, if necessary, opens the crimp jaws before their complete closure.
- Ergonomically designed non-slip moulded plastic grips.

MECHANICAL TOOL HWE1

with interchangeable dies



INTERCHANGEABLE DIES INCLUDED IN THE KIT

INSULATED AND UNINSULATED END SLEEVES

WF16

Size 0,5 ÷ 16 sqmm

INSULATED CONNECTORS RED, BLUE AND YELLOW

IT6

Size 0,5 ÷ 6 sqmm

INTERCHANGEABLE DIES TO ORDER SEPARATELY

PHOTOVOLTAIC CONNECTORS (MULTI-CONTACT)

MC3

Size 4 ÷ 6 sqmm

MC4

Size 4 ÷ 6 sqmm

INSULATED AND UNINSULATED END SLEEVES

WF6

Size 0,5 ÷ 6 sqmm

WF35

Size 16 ÷ 35 sqmm

UNINSULATED CABLE LUGS

NIT10

Size 0,5 ÷ 10 sqmm

OPEN BARREL BRASS CONNECTORS

OB2.5P

Size 0,5 and 2,5 sqmm

SUB-D075

Size 0,05 and 0,75 sqmm

SUB-D050

Size 0,08 and 0,5 sqmm

COAXIAL CONNECTORS

C59

RG58, RG59, RG62



KIT HWE1

comprising:

- HWE1 Manual mechanical tool
- WF16 die
- IT6 die
- all contained in a sturdy plastic case with extra compartments for interchangeable dies



A robust and reliable tool designed to optimise the installers time and effort.

A single tool body with a range of interchangeable dies allows a quick and simple transfer from one cable/connector combination to another, across a range of applications.

TECHNICAL FEATURES

Dimensions mm

Length	240
Width	79
Height	32,5
Weight g	590

TECHNICAL FEATURES:

- Automatic opening of handles following completion of the crimping operation
- Dull Nickel finish
- Anti-slip handle grips

for insulated and uninsulated end sleeves



A generation of tools, with a unique mechanism to reduce operator effort. Small and compact, with ergonomically designed handles for ease of operation.

High quality materials combined with advanced design and manufacturing technology, produce a reliable tool with a guaranteed consistent crimping operation.



ND1



TECHNICAL FEATURES

Crimping Range	Insulated and uninsulated end sleeves for conductors sizes 0,3 to 1,5 sqmm
Dimensions mm	
Length	190
Width	72
Height	21
Weight g	470



ND2



TECHNICAL FEATURES

Crimping Range	Insulated and uninsulated end sleeves for conductors sizes 1 to 6 sqmm
Dimensions mm	
Length	190
Width	72
Height	21
Weight g	470



ND3



TECHNICAL FEATURES

Crimping Range	Insulated and uninsulated end sleeves for conductors sizes 6 to 16 sqmm
Dimensions mm	
Length	190
Width	72
Height	21
Weight g	470



ND4



TECHNICAL FEATURES

Crimping Range	Insulated and uninsulated end sleeves for conductors sizes 0,5 to 4 sqmm
Dimensions mm	
Length	190
Width	72
Height	21
Weight g	470



Package Dimensions mm	195 x 76 x 20
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MECHANICAL TOOLS ZKE RANGE

for insulated and uninsulated end sleeves

ZKE



TECHNICAL FEATURES

Crimping Range	Single aperture, ratchet controlled tool for crimping end sleeves, 0,08 to 10 sqmm side insertion
Dimensions mm	
Length	180
Width	78
Height	20
Weight g	404



TECHNICAL FEATURES

Crimping Range	Single aperture, ratchet controlled tool for crimping end sleeves, 0,08 to 16 sqmm side insertion
Dimensions mm	
Length	178
Width	74
Height	30
Weight g	422



TECHNICAL FEATURES

Crimping Range	Tool for crimping end sleeves 0,5 to 6 sqmm front insertion
Dimensions mm	
Length	200
Width	80
Height	20
Weight g	372



TECHNICAL FEATURES

Crimping Range	For end sleeves 0,5 to 16 sqmm
Dimensions mm	
Length	190
Width	62
Height	11
Weight g	240



ZKE610



ZKE616



ZKE6-F



ZKE2

HP4-R

MECHANICAL TOOLS HP4 RANGE

for insulated terminals and connectors



Professional manual mechanical tool with ratchet mechanism that prevents the handles from opening again before reaching the ratchet. Equipped with a positioning device to reduce the operator's effort and facilitate proper crimping of the conductor.

According to the different thicknesses of the conductor insulation, the crimping on the insulation can be carried out by adjusting the jaws through three different settings: 1) strong, 2) medium, 3) light. The tool is particularly easy to use thanks to its shape and handle coating.

TECHNICAL FEATURES

Crimping Range	PVC, PC and PA6.6 insulated terminals and connectors for conductor sizes 0,25 to 1,5 sqmm
Dimensions mm	
Length	265
Width	80
Height	24
Weight g	500
Package Dimensions	330 x 110 x 50 mm



At the end of the crimping the outer surface of the conductor is automatically stamped with the following crimping code: one point for red conductor sizes from 0.25 to 1.5 mm²

Construction features:

- Special treated and externally protected steel body, ratchet and handles.
- Handle coating in soft red PVC plastic.

HP4-B

MECHANICAL TOOLS HP4 RANGE

for insulated terminals and connectors



Professional manual mechanical tool with ratchet mechanism that prevents the handles from opening again before reaching the ratchet. Equipped with a positioning device to reduce the operator's effort and facilitate proper crimping of the conductor.

According to the different thicknesses of the conductor insulation, the crimping on the insulation can be carried out by adjusting the jaws through three different settings: 1) strong, 2) medium, 3) light. The tool is particularly easy to use thanks to its shape and handle coating.

TECHNICAL FEATURES

Crimping Range	PVC, PC and PA6.6 insulated terminals and connectors for conductor sizes 1,5 to 2,5 sqmm
Dimensions mm	
Length	265
Width	80
Height	24
Weight g	500
Package Dimensions	330 x 110 x 50 mm



At the end of the crimping the outer surface of the conductor is automatically stamped with the following crimping code: two points for blue conductor sizes from 1.5 to 2.5 mm²

Construction features:

- Special treated and externally protected steel body, ratchet and handles.
- Handle coating in soft blue PVC plastic.

MECHANICAL TOOLS HP4 RANGE

HP4-G

for insulated terminals and connectors

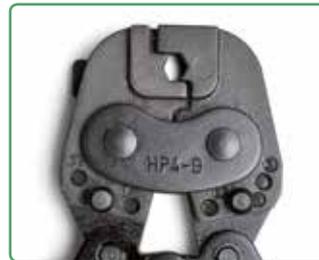


TECHNICAL FEATURES

Crimping Range	PVC, PC and PA6.6 insulated terminals and connectors for conductor sizes 4 to 6 sqmm
Dimensions mm	
Length	320
Width	105
Height	25
Weight g	810
Package Dimensions	330 x 110 x 50 mm

Professional manual mechanical tool with ratchet mechanism that prevents the handles from opening again before reaching the ratchet. Equipped with a positioning device to reduce the operator's effort and facilitate proper crimping of the conductor.

According to the different thicknesses of the conductor insulation, the crimping on the insulation can be carried out by adjusting the jaws through three different settings: 1) strong, 2) medium, 3) light. The tool is particularly easy to use thanks to its shape and handle coating.



At the end of the crimping the outer surface of the conductor is automatically stamped with the following crimping code: three points for yellow conductor from 4 to 6 sqmm

Construction features:

- Special treated and externally protected steel body, ratchet and handles.
- Handle coating in soft yellow PVC plastic.

MECHANICAL TOOLS HP4 RANGE

HP4-C10

for sleeve connectors



TECHNICAL FEATURES

Crimping Range	For sleeve connectors type C6-C6 and C10-C10
Dimensions mm	
Length	325
Width	105
Height	21
Weight g	730
Package Dimensions	330 x 110 x 50 mm



Professional manual mechanical tool with ratchet mechanism that prevents the handles from opening again before reaching the ratchet. The tool is particularly easy to use thanks to its shape and handle coating.

Construction features:

- Special treated and externally protected steel body, ratchet and handles.
- Handle coating in soft yellow PVC plastic.

TN70SE

MECHANICAL TOOLS TN RANGE

for uninsulated terminals and connectors



Professional manual mechanical tool suitable for crimping A-M Cu lugs and non-insulated L-M and L-P connectors.

Heat treated steel crimp jaws. Easily adjustable die positioning by knurled screw and reference vernier scale.

Handles made from anti-slip plastic with hilt.



TECHNICAL FEATURES

Crimping Range

*Uninsulated terminals and connectors for conductor sizes 6 R/F to 70 R/F sqmm

Dimensions mm

Length	450
Width	127
Height	47
Weight kg	2

*R= Rigid conductor F= Flexible conductor

TNN70

MECHANICAL TOOLS TN RANGE

for insulated terminals and connectors



Professional manual mechanical tool suitable for the crimping of wire terminals and PA 6.6 insulated connectors.

Heat treated steel crimp jaws. Easily adjustable die positioning by knurled screw and reference vernier scale.

Handles made from anti-slip plastic with hilt.



TECHNICAL FEATURES

Crimping Range

*Polyamide PA6.6 insulated terminals and connectors for conductor sizes 10 F to 70 F sqmm

Dimensions mm

Length	450
Width	127
Height	47
Weight kg	2

*F= Flexible conductor

MECHANICAL TOOLS TN RANGE

for uninsulated terminals and connectors

TN120SE



TECHNICAL FEATURES

Crimping Range

*Uninsulated terminals and connectors
for conductor sizes 10 R/F to 120 R/150 F sqmm

Dimensions mm

Length	700
Width	170
Height	47
Weight kg	3

*R= Rigid conductor F= Flexible conductor



Professional manual mechanical tool suitable for crimping A-M Cu lugs and non-insulated L-M and L-P connectors.

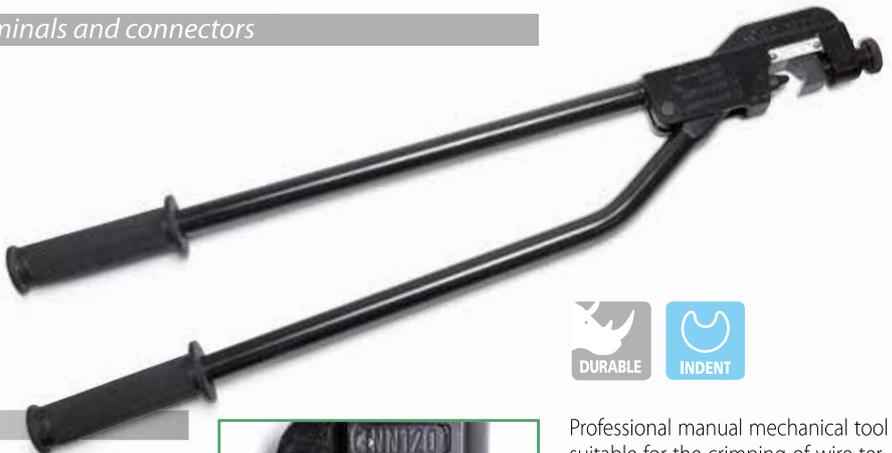
Heat treated steel crimp jaws. Easily adjustable die positioning by knurled screw and reference vernier scale.

Handles made from anti-slip plastic with hilt.

MECHANICAL TOOLS TN RANGE

for insulated terminals and connectors

TNN120



TECHNICAL FEATURES

Crimping Range

*Polyamide PA6.6 insulated terminals and connectors
for conductor sizes 10 F to 120 F sqmm

Dimensions mm

Length	700
Width	170
Height	47
Weight kg	3

*F= Flexible conductor



Professional manual mechanical tool suitable for the crimping of wire terminals and PA 6.6 insulated connectors.

Heat treated steel crimp jaws. Easily adjustable die positioning by knurled screw and reference vernier scale.

Handles made from anti-slip plastic with hilt.

TND6-70

MECHANICAL TOOLS TND RANGE

for uninsulated terminals and connectors according to DIN 46235 and DIN 46267 T.1



Mechanical tools equipped with rotating dies with hexagonal imprint compliant with DIN 480863 suitable to crimp Copper lugs according to DIN 46235 and through connectors according to DIN 46267 T.1 (refer to page 36-37), particularly sturdy and easy to handle.



TECHNICAL FEATURES

Crimping Range

Uninsulated terminals and connectors according to DIN 46235 and DIN 46267 T.1 for conductor sizes 6 to 70 sqmm

Dimensions mm

Length	515
Width	132
Height	46
Weight kg	2

TND10-120

MECHANICAL TOOLS TND RANGE

for uninsulated terminals and connectors according to DIN 46235 and DIN 46267 T.1



Mechanical tools equipped with rotating dies with hexagonal imprint compliant with DIN 480863 suitable to crimp Copper lugs according to DIN 46235 and through connectors according to DIN 46267 T.1 (refer to page 36-37), particularly sturdy and easy to handle.



TECHNICAL FEATURES

Crimping Range

Uninsulated terminals and connectors according to DIN 46235 and DIN 46267 T.1 for conductor sizes 10 to 120 mm²

Dimensions mm

Length	665
Width	162
Height	52
Weight kg	3,7

CABLE CUTTERS KT RANGE

KT

for cutting cables Cu and Al

TECHNICAL FEATURES

Cutting Capacity	Rigid	Multi-Cond.	Flex
Section Cond. mm ²	Cu 16 Al 35	Cu 50 Al 50	Cu 70
Dimensions mm			
Length	170		
Width	45		
Weight g	210		

KT1



TECHNICAL FEATURES

Cutting Capacity	Rigid	Multi-Cond.	Flex
Section Cond. mm ²	Cu 16 Al 50	Cu 50 Al 70	Cu 95
Dimensions mm			
Length	210		
Width	47		
Weight g	294		

KT2



TECHNICAL FEATURES

Cutting Capacity	for cutting cables Cu and Al up to max section 25 sqmm
Dimensions mm	
Length	170
Width	52
Weight g	108

KT5



TECHNICAL FEATURES

Cutting Capacity	For cutting cables Cu and Al Ø max 34 mm
Dimensions mm	
Length	260
Weight g	600

KT3N



TECHNICAL FEATURES

Cutting Capacity	For cutting cables Cu and Al Ø max 62 mm
Dimensions mm	
Length	297
Weight g	800

KT4N



TECHNICAL FEATURES

Cutting Capacity	For cutting cables Cu and Al Ø max 18 mm
Dimensions mm	
Length	600
Width	140
Weight kg	1,5

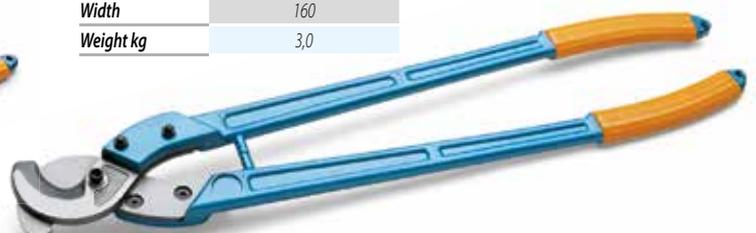
5116660250



TECHNICAL FEATURES

Cutting Capacity	For cutting cables Cu and Al Ø max 25,4 mm
Dimensions mm	
Length	800
Width	160
Weight kg	3,0

5116660500



HB1-U

WIRE STRIPPERS HB RANGE

for insulated cables



Wire stripper, for PVC insulated cables
0,1 to 6 sqmm

HB11



For photovoltaics insulated
cables 2,5 to 6 sqmm
stripping length 8,5 mm



SC1

PROFESSIONAL SCISSORS SC RANGE

for flexible conductors Cu-Al



Electricians scissors with high tensile
steel blades allowing for excellent
strength and performance. Specially
micro-serrated blades for anti-slip
purpose. Handles are made from
dual component materials.

SC5X

Robust-A



**Professional scissors with Special
Steel frame**, high hardness blades
(58 HRC) and anti slide serrations.

The moulded plastic handles com-
bine a rigid structure with a softer
material for finger comfort.

**Cutting of flexible conductors up
to 50 mm²**



Supplied with carry case and swivel
belt hook.

SC3X



Multi-purpose scissors with
high hardness blades (56 HRC)
and anti slide serrations.
The moulded plastic handles com-
bine a rigid structure with a softer
material for finger comfort.

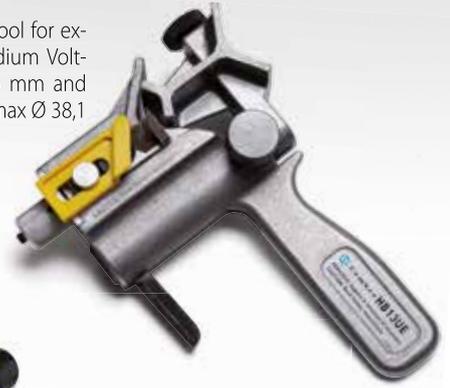
**Cutting of flexible conductors up
to 35 sqmm**

CABLE STRIPPING TOOLS HB RANGE

for external sleeves of Low/Medium Voltage cables



Universal cable stripping tool for external sleeves of Low/Medium Voltage cables \varnothing 12,7 to 63,5 mm and primary insulator in XLPE max \varnothing 38,1 mm



HB13UE

For vulcanised extruded semiconductor



The HB 12N kit includes:

- HB 12N cable stripping tool
- sturdy plastic case



HB12N cable stripping tool removes the semiconductor layer by being manually rotated around the cable while lateral advancement is achieved automatically. Safe and convenient, it can be used on cables with a semi-con diameter between 18 - 60 mm.

HB12N

- Sturdy frame in anodised Aluminium alloy and Steel.
- Special Steel blade with precise cutting depth regulation.
- Stripping operation can start at any point along the conductor.
- Bearing mounted rollers provide smooth cutting action.
- With "REVERSE" function, which allows the removal of semiconductor up to 7 mm thick from the sheath of the cable.
- Double speed for each direction.



HB29-U HB40-U

Wire stripper, for circular cables.

Three types of cut:

- Circumferential
- Linear
- Spiral
- Blade height adjustable to suit insulation thickness
- Blade profile suits difficult insulation
- PTFE blade housing reduces friction
- Spare blade HBSJ29/40

TECHNICAL FEATURES

	HB29-U \varnothing 4,5 - 29 mm	HB40-U \varnothing 19 - 40 mm
Stripping Range		
Dimensions mm		
Length	138	153
Width	38	54
Height	38	28
Weight kg	100	100

KTS1632

HAND TOOLS

for cutting and sealing flexible plastic conduit



Cuts and seals flexible plastic conduit in a single operation. Lightweight and easy to operate. Suitable for flexible conduits from Ø16 to Ø32 mm.

TECHNICAL FEATURES

Dimensions mm

Length	230
Width	58
Thickness	32
Weight kg	0,32

PC1

for cutting plastic pipe



Plastic pipe cutting tool
Cutting capacity: Ø 6 to Ø 42 mm.

Body: die-cast aluminium alloy
Blade material: hardened Carbon Steel

TECHNICAL FEATURES

Dimensions mm

Length	195
Width	96
Thickness	27
Weight kg	0,32

MT-FC48N

FRAME-TYPE HOLE PUNCHING TOOL

for cable trunking



Lightweight and easy to operate, designed for punching holes up to 47,2 mm diameter in the side wall of trunking without the need for pre drilling.



VAL-P30
Supplied in a robust plastic case.

Table denotes the punch/die set reference, for each hole size. Suitable for punching holes in mild steel, fibreglass or plastic material, up to 2 mm thick.

Hole Dimensions					Maximum thickness of mild steel (mm)	Type
Nominal						
Ø (mm)	Ø (inch)	Pg	ISO	Inch		
15,5	.610	Pg9	-	-	2	RD15.5SS-FC
16,2	.638	-	ISO-16	-		RD16.2SS-FC
17,5	.689	-	-	-		RD17.5SS-FC
18,8	.740	Pg11	-	-		RD18.8SS-FC
19,1	.752	-	-	-		RD19.1SS
20,5	.807	Pg 13,5	ISO-20	-		RD20.5SS
22,6	.890	Pg16	-	-		RD22.6SS
23,8	.937	-	-	5/8"		RD23.8SS
25,4	1.000	-	ISO-25	-		RD25.4SS
27,0	1.063	-	-	3/4"		RD27.0SS
28,5	1.122	Pg21	-	-		RD28.5SS
30,5	1.201	-	-	7/8"		RD30.5SS
31,8	1.252	-	-	-		RD31.8SS
32,5	1.279	-	ISO-32	-		RD32.5SS
34,6	1.362	-	-	-		RD34.6SS
37,2	1.464	Pg29	-	-		RD37.2SS
38,1	1.500	-	-	-		RD38.1SS
40,5	1.594	-	ISO-40	-		RD40.5SS-FC
41,3	1.626	-	-	-		RD41.3SS-FC
42,5	1.673	-	-	1 1/4"		RD42.5SS-FC
43,2	1.701	-	-	-		RD43.2SS-FC
44,5	1.752	-	-	-		RD44.5SS-FC
47,2	1.858	Pg36	-	-		RD47.2SS-FC



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Design, manufacture and sales of electrical connectors and associated tools, cable accessories, marking systems, toolings and products for railway applications. Tools for pressed joints for water, gas, steam, waste and HVAC and related accessories. In house repair, refurbishment and calibration of toolings.

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