



# ELECTRICIAN KITS

## 1000V INSULATED TOOLS



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**Sofamel S.L.** is a Spanish company dedicated to the production of electrical material of connection as well as safety and electrical protection material.

Sofamel's main objective has been to reach a high degree of specialization with the aim of providing a global solution for our clients. The same backed up by strict quality standards and by important investments in machinery and design for the manufacturing of all those products that our factory produces. This has allowed us to offer one of the most extensive ranges of articles that exists on the market.

Our commitment with excellent quality work allows our company to own the quality management system certificate under standard UNE-EN ISO 9001:2015 and R+D+i certificate under standard UNE 166002:2021, both duly granted by the Spanish Association for Standardization and Certification (AENOR).





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## 30701 BEC

### Compact tool bag

■ Content:

| Code   | Description:                               |
|--------|--|
| 410005 | Insulated universal plier 180 mm           |
| 410046 | Insulated flathead screwdriver 3 x 100 mm  |
| 410047 | Insulated flathead screwdriver 4 x 100 mm  |
| 410051 | Insulated "Phillips" screwdriver 1 x 80 mm |
| 316000 | TS-50 Scissors                             |

#### Insulated Tools 1000V

(conf. to EN 60900, IEC 900 VDE 0682-201)

| Code   | Version                          | Dimensions        |
|--------|----------------------------------|-------------------|
| 600171 | BEC-5 tool bag with equipment    | 180 x 270 x 50 mm |
| 600170 | BEC-V tool bag without equipment |                   |



## 30121 KBT-1000/19

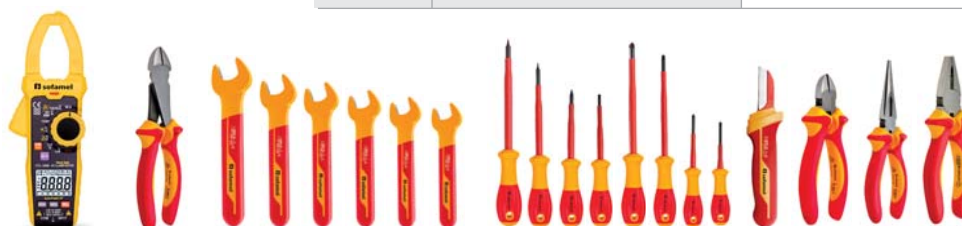
■ Contents:

| Code   | Description:  |
|--------|---|
| 410005 | Insulated universal plier 180 mm                          |
| 410015 | Insulated needle nose plier 200 mm                        |
| 410025 | Insulated wire-cutting plier 180 mm                       |
| 410035 | Insulated knife 180 mm                                    |
| 410046 | Insulated flathead screwdriver 3 x 100 mm                 |
| 410047 | Insulated flathead screwdriver 4 x 100 mm                 |
| 410048 | Insulated flathead screwdriver 5.5 x 125 mm               |
| 410050 | Insulated "Phillips" screwdriver 0 x 60 mm                |
| 410051 | Insulated "Phillips" screwdriver 1 x 80 mm                |
| 410052 | Insulated "Phillips" screwdriver 2 x 175 mm               |
| 410096 | Insulated open-ended spanner 10 mm                        |
| 410203 | Insulated open-ended spanner 12 mm                        |
| 410097 | Insulated open-ended spanner 13 mm                        |
| 410098 | Insulated open-ended spanner 14 mm                        |
| 410100 | Insulated open-ended spanner 17 mm                        |
| 410101 | Insulated open-ended spanner 19 mm                        |
| 410105 | Insulated wire-cutting plier 230 mm                       |
| 635360 | Multimeter CTL-1000                                       |
| 600162 | Protective case with pouches for organising tools OHB-350 |

#### 1000 V Insulated Tools and voltage meters

(according to EN 60900, IEC 900 VDE 0682-201)

| Code   | Version                         | Dimensions        |
|--------|---------------------------------|-------------------|
| 410200 | KBT-1000/19                     | 200 x 350 x 50 mm |
| 600162 | OHB-350 Briefcase without tools |                   |



# Electrician Kits

1000V insulated tools

Tool kit

TOOLS CATALOGUE



## 30121 KT-1000/37

■ Contents:

- | Code   | Description:                                |
|--------|---|
| 410005 | Insulated universal plier 180 mm            |
| 410015 | Insulated needle nose plier 200 mm          |
| 410025 | Insulated wire-cutting plier 180 mm         |
| 410115 | Insulated knife 190 mm                      |
| 410046 | Insulated flathead screwdriver 3 x 100 mm   |
| 410047 | Insulated flathead screwdriver 4 x 100 mm   |
| 410048 | Insulated flathead screwdriver 5.5 x 125 mm |
| 410049 | Insulated flathead screwdriver 8 x 175 mm   |
| 410050 | Insulated "Phillips" screwdriver 0 x 60 mm  |
| 410051 | Insulated "Phillips" screwdriver 1 x 80 mm  |
| 410052 | Insulated "Phillips" screwdriver 2 x 100 mm |
| 410053 | Insulated "Phillips" screwdriver 3 x 150 mm |
| 410056 | Insulated 4 mm hex key                      |
| 410057 | Insulated 5 mm hex key                      |
| 410058 | Insulated 6 mm hex key                      |
| 410059 | Insulated 8 mm hex key                      |
| 410060 | Insulated 9 mm hex key                      |
| 410061 | Insulated 10 mm hex key                     |
| 410065 | Ratchet wrench 3/8"                         |
| 410075 | Insulated long extension 3/8" 300 mm        |
| 410086 | Insulated 8 mm socket spanner 3/8"          |
| 410088 | Insulated 10 mm socket spanner 3/8"         |
| 410083 | Insulated 11 mm socket spanner 3/8"         |
| 410001 | Insulated 12 mm socket spanner 3/8"         |
| 410089 | Insulated 13 mm socket spanner 3/8"         |
| 410090 | Insulated 14 mm socket spanner 3/8"         |
| 410093 | Insulated 19 mm socket spanner 3/8"         |
| 410094 | Insulated 17 mm socket spanner 3/8"         |
| 410096 | Insulated open-ended spanner 10 mm          |
| 410203 | Insulated open-ended spanner 12 mm          |
| 410097 | Insulated open-ended spanner 13 mm          |
| 410098 | Insulated open-ended spanner 14 mm          |
| 410100 | Insulated open-ended spanner 17 mm          |
| 410101 | Insulated open-ended spanner 19 mm          |
| 410105 | Insulated wire-cutting plier 230 mm         |
| 600161 | Small front-opening tool case MAF-430       |

**1000 V Insulated Tools**  
(according to EN 60900, IEC 900 VDE 0682-201)

| Code   | Version                    | Dimensions         |
|--------|----------------------------|--------------------|
| 410220 | KT-1000/37                 | 300 x 430 x 200 mm |
| 600161 | MAF-430 case without tools |                    |







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# Electrician Kits

## 1000V insulated tools

Tool kit

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### 30121 KTS-1000/56

| Code   | Version                       | Dimensions         |
|--------|-------------------------------|--------------------|
| 410210 | KTS-1000/56                   | 280 x 430 x 250 mm |
| 600160 | BKE-1680D M bag without tools |                    |



#### ■ Contents:

##### Code Description:

|        |   |        |   |
|--------|---|--------|---|
| 410005 | Insulated universal plier 180 mm            | 410201 | Insulated open-ended spanner 8 mm                         |
| 410015 | Insulated needle nose plier 200 mm          | 410096 | Insulated open-ended spanner 10 mm                        |
| 410025 | Insulated wire-cutting plier 180 mm         | 410202 | Insulated open-ended spanner 11 mm                        |
| 410035 | Insulated knife 180 mm                      | 410203 | Insulated open-ended spanner 12 mm                        |
| 410046 | Insulated flathead screwdriver 3 x 100 mm   | 410097 | Insulated open-ended spanner 13 mm                        |
| 410047 | Insulated flathead screwdriver 4 x 100 mm   | 410098 | Insulated open-ended spanner 14 mm                        |
| 410048 | Insulated flathead screwdriver 5.5 x 125 mm | 410100 | Insulated open-ended spanner 17 mm                        |
| 410049 | Insulated flathead screwdriver 8 x 175 mm   | 410101 | Insulated open-ended spanner 19 mm                        |
| 410051 | Insulated "Phillips" screwdriver 1 x 80 mm  | 565099 | White helmet SP-181                                       |
| 410052 | Insulated "Phillips" screwdriver 2 x 100 mm | 570120 | Face shield SP-182  |
| 410053 | Insulated "Phillips" screwdriver 3 x 150 mm | 600151 | Holdall bag BA-0.6 x 10                                   |
| 410105 | Insulated wire-cutting plier 230 mm         | 585001 | Insulating blanket class 0 MA0-1010 1x1 m                 |
| 410072 | Insulated 3 mm Allen key                    | 595114 | 6 Insulated clamps for blankets 50 mm 1 kV AC / 1.5 kV DC |
| 410073 | Insulated 4 mm Allen key                    | 595200 | 5 Insulating cable caps class 0 6-16 mm <sup>2</sup>      |
| 410074 | Insulated 6 mm Allen key                    | 530160 | Dielectric glove SG-50 T10                                |
| 410081 | Insulated adjustable spanner 250 mm         | 540114 | Leather over glove SG-C                                   |
| 410082 | Insulated pliers wrench 250 mm              | 635360 | Multimeter CTL-1000                                       |
| 410065 | Ratchet wrench 3/8"                         | 595010 | Black insulating tape 10 m 0.15 mm PVC                    |
| 410075 | Insulated long extension 3/8" 300 mm        | 595030 | Yellow/green insulating tape 20 m 0.15 mm PVC             |
| 410086 | Insulated 8 mm socket spanner 3/8"          | 595040 | Blue insulating tape 10 m 0.15 mm PVC                     |
| 410088 | Insulated 10 mm socket spanner 3/8"         | 595060 | Grey insulating tape 10 m 0.15 mm PVC                     |
| 410001 | Insulated 12 mm socket spanner 3/8"         | 595070 | Brown insulating tape 10 m 0.15 mm PVC                    |
| 410089 | Insulated 13 mm socket spanner 3/8"         | 595080 | Red insulating tape 10 m 0.15 mm PVC                      |
| 410090 | Insulated 14 mm socket spanner 3/8"         | 600160 | Bag for insulated tools and electrical kits BKE-1680D M   |
| 410093 | Insulated 19 mm socket spanner 3/8"         |        |   |
| 410094 | Insulated 17 mm socket spanner 3/8"         |        |   |

#### 1000 V Insulated Tools

(According to EN 60900, IEC 900 VDE 0682-201)



# Insulated Tools Kit

1000V insulated tools

## Screwdrivers



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IEC 60900

### 30102 PH

Insulated "Phillips" screwdriver




| Code   | Ref.    |  mm |  mm |
|--------|---------|--|--|
| 410050 | PH0x60  | 3  | 60   |
| 410051 | PH1x80  | 4.5  | 80   |
| 410052 | PH2x100 | 6  | 100  |
| 410053 | PH3x150 | 8  | 150  |



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### 30104 PL

Insulated flathead screwdriver



| Code   | Ref.      |  mm |  mm |  mm |
|--------|-----------|--|--|--|
| 410041 | PL2.5x75  | 2.5  | 0.4  | 75   |
| 410046 | PL3x100   | 3  | 0.6  | 100  |
| 410042 | PL3.5x100 | 3  | 0.5  | 100  |
| 410047 | PL4x100   | 4  | 0.8  | 100  |
| 410048 | PL5.5x125 | 5.5  | 1  | 125  |
| 410043 | PL6.5x150 | 6.5  | 1.2  | 150  |
| 410049 | PL8x175   | 8  | 1.6  | 175  |



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### 30103 POZ

Insulated "Pozidriv" screwdriver



| Code   | Ref.      |  mm |  mm |
|--------|-----------|--|--|
| 410110 | POZ-0X60  | 3  | 60   |
| 410111 | POZ-1X75  | 4.5  | 75   |
| 410112 | POZ-2X100 | 6  | 100  |
| 410113 | POZ-3X150 | 8  | 150  |



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### 30107 TX

Insulated "TORX" screwdriver

| Code   | Ref.      |  mm |  mm |
|--------|-----------|--|--|
| 410130 | TX-10X60  | 3  | 60   |
| 410131 | TX-15X75  | 4.5  | 75   |
| 410132 | TX-20X75  | 4.5  | 75   |
| 410133 | TX-25X75  | 4.5  | 75   |
| 410134 | TX-30X100 | 8  | 100  |

# Insulated Tools Kit

1000V insulated tools

## Screwdrivers

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### 30111 Screwdriver set

Insulated flathead and "Phillips" screwdrivers

■ **Contenido:**

Flathead Screwdrivers:

- 410046 Insulated flathead screwdriver PL3x100 mm
- 410047 Insulated flathead screwdriver PL4x100 mm
- 410048 Insulated flathead screwdriver PL5.5x125 mm
- 410049 Insulated flathead screwdriver PL8x175 mm

"Phillips" Screwdrivers:

- 410050 Insulated "Phillips" screwdriver PH0x3x60 mm
- 410051 Insulated "Phillips" screwdriver PH1x4.5x80 mm
- 410052 Insulated "Phillips" screwdriver PH2x6x175 mm
- 410053 Insulated "Phillips" screwdriver PH3x8x200 mm

| Code   | Ref.  |
|--------|---|
| 410045 | Set of insulated flathead and "Phillips" screwdrivers |

## Pliers



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### 30110 A-PFC-200

Insulated bent needle plier - 200 mm

| Code   | Ref.            | Capacity             | Length |
|--------|-----------------|----------------------|--------|
| 410021 | Plier A-PFC-200 | Ø 3,2 mm<br>Ø 2,2 mm | 200 mm |

- For gripping, bending, cutting, and manipulating wires or cables in confined or hard-to-reach spaces.
- Its curved tip design allows for access to difficult angles and provides greater precision when working with small or delicate components.



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### 30110 AU

Insulated universal plier

| Code   | Ref.         | Length |
|--------|--------------|--------|
| 410005 | Plier AU-180 | 180 mm |
| 410010 | Plier AU-200 | 200 mm |

- With gripping zones for flat and round materials, very versatile.
- For cutting soft and hard wire.
- Head with extra flat shape and laterally rounded.
- Made of tempered steel and chrome finish.





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## 30110 AC-160

Insulated wire-cutting plier - 160 mm

| Code   | Ref.         | Capacity | Length |
|--------|--------------|----------|--------|
| 410026 | Plier AC-160 | Ø 1.6 mm | 160 mm |

- To cut cable, nails, metal mesh and plates.
- Suitable for cutting copper and aluminum cables.
- Its compact design allows for use in tight spaces.



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## 30110 AC-200

Insulated wire-cutting plier - 200 mm

| Code   | Ref.         | Capacity | Length |
|--------|--------------|----------|--------|
| 410025 | Plier AC-200 | Ø 1.6 mm | 200 mm |

- To cut cable, nails, metal mesh and plates.
- Suitable for cutting copper and aluminum cables.
- Its compact design allows for use in tight spaces.



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## 30110 PF

Insulated needle nose plier - 200 mm

| Code   | Ref.         | Length |
|--------|--------------|--------|
| 410015 | Plier PF-200 | 200 mm |

- Stretched gripping surface.
- For holding cables, thin parts or small components size.
- To access narrow places that are difficult to access.



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## 30110 AC-230

Insulated wire-cutting plier - 230 mm

| Code   | Ref.         | Length |
|--------|--------------|--------|
| 410105 | Plier AC-230 | 230 mm |

- Suitable for cutting copper and aluminum cables.
- Ergonomic bi-material handles for a comfortable grip.
- It allows repetitive operations to be carried out, without causing fatigue.

# Insulated Tools Kit

1000V insulated tools

## Adjustable spanner

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### 30117 LAJ

Adjustable spanner - 250 mm

| Code   | Ref.    | Length |
|--------|---------|--------|
| 410081 | LAJ-250 | 250 mm |

- Excellent performance and long service life.
- It has a manual adjustment screw for a fast and precise adjustment of the width of the mouth.
- For fixing elements of all sizes, thanks to its mobile jaw.

## Pliers wrench



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### 30110 APL

Pliers wrench - 250 mm

| Code   | Ref.    | Length |
|--------|---------|--------|
| 410082 | APL-250 | 250 mm |

- Large opening capacity, to hold rods/tubes.
- Easy access to nuts and connections.
- High resistance to torsion and bending.



## 30113 CA-180

Insulated flat-blade knife - 180 mm

| Code   | Ref.         | Length |
|--------|--------------|--------|
| 410035 | Knife CA-180 | 180 mm |

- Blade specially adapted to cut the outer sheath of cables without damaging the inner conductors.
- With hook blade.
- Double edged blade.
- Comfortable dual component handle.



## 30113 CA-190

Insulated knife - 190 mm

| Code   | Ref.         | Length |
|--------|--------------|--------|
| 410115 | Knife CA-190 | 190 mm |

- Suitable for cutting cables of various sizes and types without damaging the internal wires.
- Ideal for use in electrical panels and other installations where active circuits are handled.
- The handle is ergonomically designed for a comfortable grip, reducing fatigue during prolonged use.
- The knife blade is durable and sharp, allowing for precise and long-lasting cuts. It is partially coated and the handle is insulated, which prevents the risk of accidental short circuits and enhances safety while working with electrical components.





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### 30117 LF

#### Insulated open-ended spanner

| Code   | Ref.          | Spanner | Length |
|--------|---------------|---------|--------|
| 410201 | Spanner LF-8  | 8       | 80 mm  |
| 410096 | Spanner LF-10 | 10      | 100 mm |
| 410202 | Spanner LF-11 | 11      | 110 mm |
| 410203 | Spanner LF-12 | 12      | 120 mm |
| 410097 | Spanner LF-13 | 13      | 130 mm |
| 410098 | Spanner LF-14 | 14      | 140 mm |
| 410099 | Spanner LF-16 | 16      | 160 mm |
| 410100 | Spanner LF-17 | 17      | 170 mm |
| 410101 | Spanner LF-19 | 19      | 190 mm |

- The LF insulated open-end wrenches are essential tools for professionals working in the electrical sector, offering safety and efficiency in various applications related to the installation and maintenance of electrical systems.
- Angled head to facilitate tightening.
- Material: hardened steel.
- Insulation material: PP/TPR.



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### 30117 Set of insulated open-ended spanners

#### Insulated fixed wrench set

| Code   | Ref.                                 |
|--------|--------------------------------------|
| 410095 | Set of insulated open-ended spanners |

- **Contents:**
  - 8 mm open-ended spanner - 80 mm long.
  - 10 mm open-ended spanner - 100 mm long.
  - 11 mm open-ended spanner - 110 mm long.
  - 12 mm open-ended spanner - 120 mm long.
  - 13 mm open-ended spanner - 130 mm long.
  - 14 mm open-ended spanner - 140 mm long.
  - 15 mm open-ended spanner - 150 mm long.
  - 16 mm open-ended spanner - 160 mm long.
  - 17 mm open-ended spanner - 170 mm long.
  - 19 mm open-ended spanner - 190 mm long.



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### 30115 T HEX

Insulated T shaped hex key

| Code   | Ref.           | Key | Dimensions  |
|--------|----------------|-----|-------------|
| 410056 | Key T HEX - 4  | 4   | 90 x 200 mm |
| 410057 | Key T HEX - 5  | 5   |             |
| 410058 | Key T HEX - 6  | 6   |             |
| 410059 | Key T HEX - 8  | 8   |             |
| 410060 | Key T HEX - 9  | 9   |             |
| 410061 | Key T HEX - 10 | 10  |             |

- T-handle HEX wrenches are designed for tasks that require efficient and comfortable force application, making them ideal for jobs that need precise torque application.
- Material: hardened steel.
- Insulation material: PP/TPR.

### 30115 LVT-210

Insulated T-handle wrench 3/8"

| Code   | Ref.    | Dimensions   |
|--------|---------|--------------|
| 410102 | LVT-210 | 158 x 210 mm |

- Ergonomic T-shaped design for better grip and force application.
- Quick-release function.
- Suitable for electrical work and use on live cables or installations.
- Material: Chrome vanadium steel.
- Finish: Matte chrome.

### 30111 Kit LHT

Set of insulated T shaped hex keys

| Code   | Ref.                               |
|--------|------------------------------------|
| 410055 | Set of insulated T shaped hex keys |

▪ **Contents:**

- 410056 4 mm T shaped hex key - 90 x 200 mm
- 410057 5 mm T shaped hex key - 90 x 200 mm
- 410058 6 mm T shaped hex key - 90 x 200 mm
- 410059 8 mm T shaped hex key - 90 x 200 mm
- 410060 9 mm T shaped hex key - 90 x 200 mm
- 410061 10 mm T shaped hex key - 90 x 200 mm



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### 30119 LA90

L-shaped hex key

| Code   | Ref.                 | Length |
|--------|----------------------|--------|
| 410072 | Insulated key LA90-3 | 3 mm   |
| 410073 | Insulated key LA90-4 | 4 mm   |
| 410074 | Insulated key LA90-6 | 6 mm   |

- Allen wrenches LA90 are used in various applications, especially where direct access to hexagonal screws is limited or uncomfortable. The 90° design allows access to screws located in tight or hard-to-reach spaces where a straight wrench would not be practical.
- Material: hardened steel.
- Insulation material: PP/TPR.



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### 30116 EL

Insulated extension for 3/8" ratchet

| Code   | Ref.             | Length |
|--------|------------------|--------|
| 410240 | Extension EL-3/8 | 125 mm |
| 410075 | Extension EL-3/8 | 300 mm |

- Used to access nuts and bolts located in hard-to-reach places.
- Particularly useful in electrical panels and distribution boxes where access may be limited.
- Material: hardened steel.
- Insulation material: PP/TPR.



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### 30116 LC-3/8

Insulated ratchet wrench for 3/8" ratchet

| Code   | Ref.                 | Dimensions |
|--------|----------------------|------------|
| 410065 | Insulated key LC-3/8 | 3/8"       |

- Facilitates work in confined spaces where continuous back-and-forth movement is required.
- The ratchet mechanism allows for fast and efficient work by eliminating the need to constantly reposition the tool.
- The handle design provides a comfortable and secure grip, reducing fatigue during extended use.
- Material: hardened steel.
- Insulation material: PP/TPR.



# Insulated Tools Kit

1000V insulated tools

## Sockets

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### 30116 Set of insulated 3/8" sockets

Hexagon/female sockets

| Code   | Ref.   |
|--------|--|
| 410085 | Set of insulated 3/8" sockets Hexagon/female sockets |

■ **Contents:**

|                             |                             |
|-----------------------------|-----------------------------|
| 8 mm insulated socket 3/8"  | 13 mm insulated socket 3/8" |
| 10 mm insulated socket 3/8" | 14 mm insulated socket 3/8" |
| 11 mm insulated socket 3/8" | 17 mm insulated socket 3/8" |
| 12 mm insulated socket 3/8" | 19 mm insulated socket 3/8" |

Insulated collar on each socket to prevent arcing.



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### 30116 LVA

Insulated Allen sockets 3/8"

| Code   | Ref.  | mm | mm   | mm |
|--------|-------|----|------|----|
| 410106 | LVA-4 | 4  | 22,8 | 77 |
| 410107 | LVA-5 | 5  |      |    |
| 410108 | LVA-6 | 6  |      |    |
| 410109 | LVA-8 | 8  |      |    |

These tools are designed to work with electrical systems of up to 1000 V, offering additional protection against electric shocks.

- Standards: DIN 7422, DIN 3120.
- Material: Chrome vanadium steel.
- Finish: Matte chrome.

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