



## RISK REDUCTION IN YOUR WORKPLACE

# 2016 CATALOGUE SAFETY SOLUTIONS

RFID | FLUO | USS



# SMART SAFETY SOLUTIONS FOR ALL PROFESSIONS

FOREIGN OBJECT DAMAGE

FOREIGN MATERIAL EXCLUSION

DROPPED OBJECT PROTECTION

Safety and productivity are now of paramount importance to industrial professionals. The annual estimated impact of FOD (Foreign Object Damage) comes to \$13 Bn, with indirect costs often exceeding direct costs. This observation is valid for all sectors, resulting from material and human accidents, production stoppages, late deliveries, etc.

RFid | FLUO | SLS

## RFID SOLUTION

- Tools directly detectable thanks to a seamlessly integrated chip.
- Optimised traceability, no more lost tools in high-risk areas.
- Automated management of your tooling and its inventory with RFID Facom-Cribmaster technologies.
- A range of over 700 product references.

FACOM RFid



see p. 6

## FLUO SOLUTION

- Detectable with a UV lamp, the Fluo range is a simple and unique answer to find your tools when working in dark areas.
- A solution reinforcing safety by reducing the risks of accidents due to lost tools.
- Over 400 product references in the range.

FACOM FLUO



see p. 60

## SLS SOLUTION

- The tools of the SLS range were designed by FACOM specifically to preserve comfort in all conditions and the levels of performance of its standard tools.
- FACOM's ring system is made of metal to withstand extreme shocks, temperatures, and other harsh working conditions.
- Safety Lock System, over 300 secured tools in the range.

FACOM SLS SAFETY LOCK SYSTEM



see p. 106

INTERNATIONAL

# MEETING YOUR NEEDS, ALL OVER THE WORLD

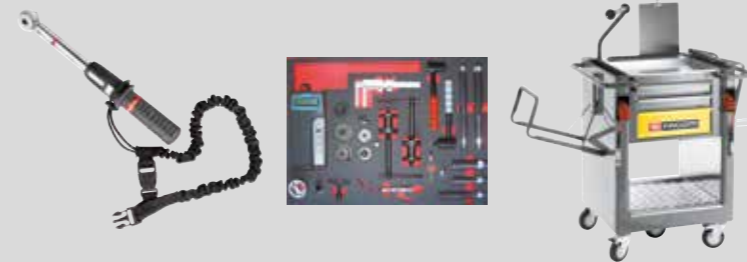
FACOM is present throughout the world with the same level of quality. The brand's offer is present all over the globe, from local organizations of the STANLEYBLACK&DECKER Group providing a proximity service. The other brands of the group reinforce the proposition of value with storage and power tool ranges.



StanleyBlack&Decker



CUSTOM-MADE SOLUTIONS



- Your workshop in your color scheme.
- Tool organisation modules adapted per product selection.
- Workshop roller cabinets with specific drawer assortments.
- Special bits for torque wrenches.
- Finish and marking of specific products.
- Change of material.



CONTACT :  
Service special tools  
+33 (0)1 64 54 46 70  
Fax : +33 (0)1 69 74 29 04  
Monday to Friday from 8:15 to 12:15 and 13:30 to 17:00

2016 Safety Solutions

## GENERAL CONTENTS

FACOM.RFid  6



FACOM.FLUO 60



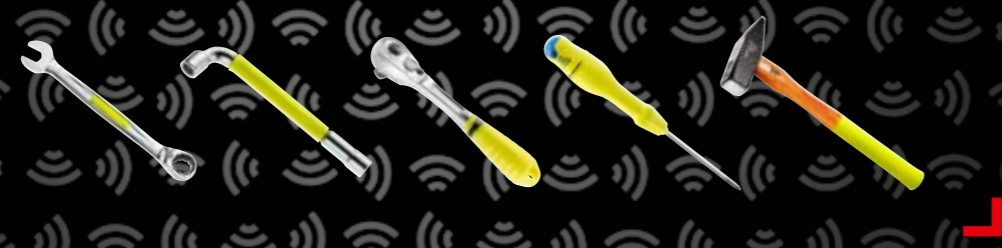
 106  
SAFETY LOCK SYSTEM



Other Safety Products 150













# RFid



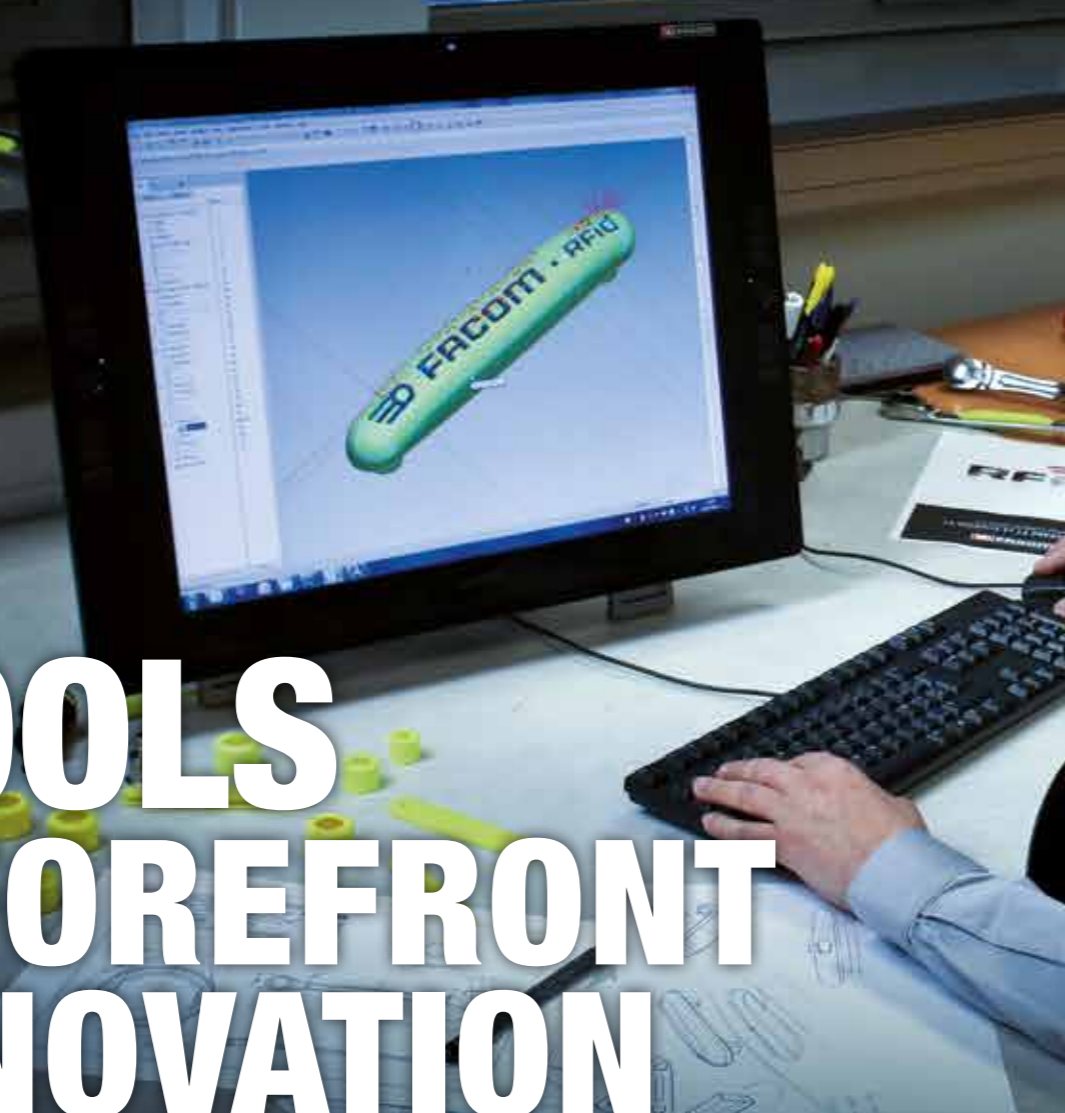
TOOL SOLUTIONS FOR MAXIMUM  
PRODUCTIVITY AND SAFETY



## TABLE OF CONTENTS

|             |                            |                                                                                       |    |                                                                                       |      |
|-------------|----------------------------|---------------------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------|------|
| ▶ <b>1</b>  | RFID Storage               |    | 12 |    | RFid |
| ▶ <b>2</b>  | RFID Wrenches              |    | 14 |    | RFid |
| ▶ <b>3</b>  | RFID Ratchets and Sockets  |    | 22 |    | RFid |
| ▶ <b>4</b>  | RFID Torque wrenches       |    | 38 |    | RFid |
| ▶ <b>5</b>  | RFID Screwdrivers          |   | 40 |   | RFid |
| ▶ <b>6</b>  | RFID Pliers                |  | 44 |  | RFid |
| ▶ <b>7</b>  | RFID Measuring             |  | 56 |  | RFid |
| ▶ <b>8</b>  | RFID Impact tools          |  | 56 |  | RFid |
| ▶ <b>9</b>  | RFID Maintenance           |  | 58 |  | RFid |
| ▶ <b>10</b> | RFID Sawing - RFID Cutting |  | 34 |  | RFid |

# A RANGE OF TOOLS AT THE FOREFRONT OF INNOVATION



**RFid**  
TECHNOLOGY  
BY FACOM



The RFID technology (Radio Frequency Identification) ensures remote tool identification by means of its built-in electronic chip. The latter uses energy propagated at short distances by the radio transmitter signal: no batteries required. Invisible and tough, RFID chips guarantee optimum operation for many years. The radio technology used has no impact on the external environment.



## CHIP SEAMLESSLY INTEGRATED TO THE TOOL

For each tool, the Facom Engineers have integrated the RFID chip guaranteeing the best possible data transmission. Encapsulated under an anti-shock shell, the chip is protected durably, including from chemical agents, without altering the tool's basic characteristics or its ergonomics.



## MULTIPLE BENEFITS IN THE WORKSHOP

- High quality chips programmed to guarantee the best detection.
- Tools traceable in the workshop by zones of use.
- Fluorescent tools can be found up to 3 meters away in dark areas.
- Broad range covering all applications.

**RFid**  
TECHNOLOGY  
BY FACOM

For more information on the RFID technology:  
[www.facom.fr](http://www.facom.fr)

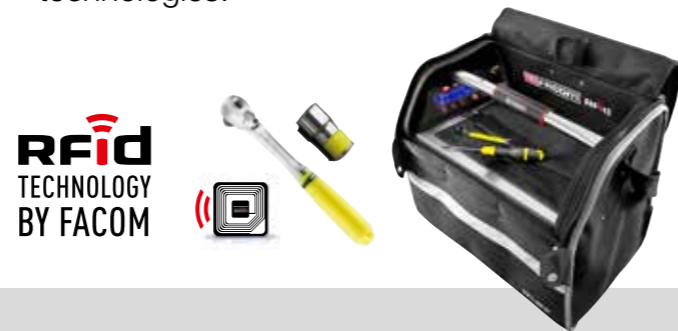


# ADVANCED FOD SOLUTIONS FOR HIGH-TECH SECTORS

Synergy between the Facom and Cribmaster brands from the Stanley Black&Decker group allowed the most advanced solution in the market for tooling traceability to be developed: tools, roller cabinets, zoning terminals, management software. As practices or risks are not the same in all companies, our advisors tailor your RFID solution to your requirements.

## FACOM® RFID SOLUTIONS

- Tools directly detectable thanks to a seamlessly integrated chip.
- Automated management of your tooling and its inventory with RFID Facom-Cribmaster technologies.



For more information on the RFID technology:  
[www.facom.fr](http://www.facom.fr)

## SOFTWARE & HARDWARE SOLUTIONS



Two brands from the Industrial & Automotive division of the Stanley Black&Decker group.

RFID

DETECTION BAG

THE MOST ADVANCED SOLUTION TO TOOL CONTROL

OPTIMUM SAFETY  
INCREASED PRODUCTIVITY  
MOBILITY

- Independent mobile device.
- Capacity: 50 tools.
- Compatible with the 2 Facom RFID ranges and other tagged tools.
- Supplied with or without tools.



RFID TECHNOLOGY BY FACOM

INTERNAL INTELLIGENCE

- Accelerometer, antenna and RFID scanner functions.



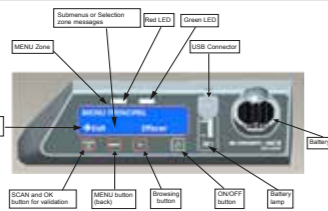
SEALED

- Maximum protection 100% = unable to detect the tools outside the bag (patented).



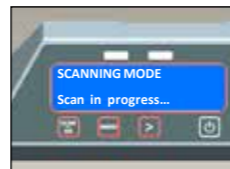
EASY TO USE

- Easy-to-use keyboard.
- Simple visual and sound alerts.



AUTOMATIC INVENTORY

- No manual intervention.
- A scan is automatically performed when you move (patented).



BUILT-IN SCREEN

- Displays the publications detected and messages clearly.



RECHARGEABLE BATTERIES

- Dewalt 7.2V Lithium Ion Battery.
- Running time 2 days.
- Easily removable.



SOFTWARE

- Manages the database easily, and is fully customizable...



LIGHT TROLLEY

- Does not damage the work environment.
- Wheels, handle and belt.
- Padlockable.



DB1.RFID RFID tool bag - Detection bag



- Standalone bag carrying tools with RFID chips ensuring tool traceability in the workspace by automatic set scanning.
- The most advanced solution for tracking your tools in sensitive areas.
- Scanning is triggered automatically when the bag is opened or closed and moved: no more tools forgotten in your work space.
- After each action, a light and sound signal informs the user, in addition to the message on the back-lit screen.
- 3 carrying solutions: wheels and telescopic handle, leather coated aluminum handle, strap with shoulder reinforcement pad.
- Strong 1200-denier fabric.
- Wheel diameter: 90 mm.
- Useful capacity: 50 tools; Max weight: 23 kg.
- Internal dimensions (LxDxH): 33 x 17 x 19.5 cm.
- External dimensions (LxDxH): 55 x 36 x 44 cm.
- Weight: 10.3 kg.

FACOM RFID

RETROFIT KITS

AN ACCESSIBLE SOLUTION FOR A FIRST LEVEL OF TRACEABILITY IN THE WORKSPACE OR SHOP

SIMPLE

- Ready-to-use solution.
- Gain time by fitting chips onto your tools.

VERSATILE

- Suitable to all types of hand tools (including small-size tools, such as sockets, etc.), consumables, or other workshop equipment.

REPEATABLE

- Automate your processes by using the same components systematically. Achieve the same results with any operator. The FACOM RFID helps you to choose the best implantation for the chips.



"BESPOKE" SOLUTIONS

STARTER KIT (available September 2016)

Includes :

- A selection of RFID chips developed for and by FACOM for optimum detection. FACOM guarantees a better detection than with standard chips.
- The chip fastening system (adhesives, sheaths, fasteners) offered by FACOM allow several types of configurations to be tested to find out which is the best for your needs.
- Benefit from FACOM expertise through the explanatory guide provided: which type of chip should be used, in what position? How to optimize tool detection? How to protect the chips?
- Plus more advice and other recommendations for easy implementation of this technology. FACOM provides answers through photos, diagrams and clear explanations.



CHIP KITS AND PROTECTIONS/FASTENERS PER PRODUCT TYPE (available September 2016)

- Dedicated kits for pliers, wrenches, sockets, screwdrivers, bits and many more... to order only what you need. Each kit contains 10 RFID chips, as well as everything you need to fasten these chips on your tools.
- Fastening kit with glue and protections, and "Key Ring" kit to fit chips on hand tools or other types of tooling.

RFID

TOOLS 100% SECURED

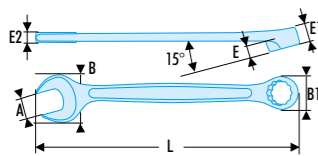
A RANGE OF TOOLS AT THE FOREFRONT OF INNOVATION

RFID TECHNOLOGY BY FACOM



The RFID technology (Radio Frequency Identification) allows remote identification of a tool by means of the integrated electronic chip. The chip uses energy the radio transmitter signal propagates at a short distance: no battery necessary. Invisible and sturdy, RFID chips guarantee optimum operation for many years. The radio technology used has no impact on the outside environment.

440 - Metric combination wrenches - RFID

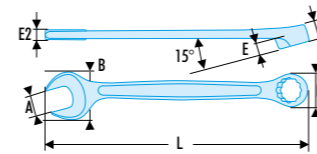


NF ISO 691, NF ISO 7738, NF ISO 3318, NF ISO 1711-1, E74-306, ISO 691, ISO 7738, ISO 3318, ISO 1711-1, DIN ISO 691, DIN ISO 1711-1, DIN 3113, ASME B107.100

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Standard wrench for all current applications.
- High mechanical strength combined with compact size meeting aeronautical standards.
- Ring head:
  - Ring open end (size E) designed for better access to series or embedded screws.
  - OGV® profile with 12-point ring for powerful tightening while protecting the nut.
  - H suffix = 6-point ring.
  - Ring head angled at 15°.
- Open end head:
  - Open end angled at 15°.
  - Open end head-handle geometry optimised for increased access.
- Metric sizes: 5 to 41 mm.
- Presentation: satin chrome finish.

| Size         | A [mm] | B [mm] | B1 [mm] | E [mm] | E1 [mm] | E2 [mm] | L [mm] | ΔΔ[g] |
|--------------|--------|--------|---------|--------|---------|---------|--------|-------|
| 440.5HRFID   | 5      | 13,3   | 9,2     | 3,1    | 6,0     | 3,6     | 115    | 20    |
| 440.5.5HRFID | 5,5    | 13,3   | 9,2     | 3,1    | 6,0     | 3,8     | 115    | 20    |
| 440.6RFID    | 6      | 14,1   | 10,0    | 3,1    | 6,0     | 3,8     | 115    | 25    |
| 440.7RFID    | 7      | 17,2   | 11,2    | 3,4    | 6,2     | 3,9     | 122    | 25    |
| 440.8RFID    | 8      | 19,2   | 12,8    | 3,5    | 6,7     | 4,7     | 133    | 35    |
| 440.9RFID    | 9      | 21,2   | 14,2    | 3,9    | 7,1     | 4,7     | 138    | 40    |
| 440.10RFID   | 10     | 23,0   | 15,0    | 4,2    | 7,6     | 5,2     | 145    | 45    |
| 440.11RFID   | 11     | 24,5   | 16,9    | 4,6    | 8,1     | 5,5     | 155    | 50    |
| 440.12RFID   | 12     | 27,0   | 18,0    | 4,4    | 8,4     | 5,8     | 162    | 65    |
| 440.13RFID   | 13     | 28,7   | 19,3    | 4,8    | 8,6     | 6,1     | 170    | 75    |
| 440.14RFID   | 14     | 31,0   | 21,1    | 5,7    | 9,5     | 6,4     | 180    | 90    |
| 440.15RFID   | 15     | 32,6   | 22,2    | 5,9    | 10,0    | 6,8     | 185    | 100   |
| 440.16RFID   | 16     | 35,6   | 23,9    | 6,4    | 10,5    | 7,3     | 195    | 120   |
| 440.17RFID   | 17     | 37,0   | 25,3    | 6,5    | 10,9    | 7,6     | 202    | 135   |
| 440.18RFID   | 18     | 38,7   | 26,0    | 7,2    | 11,4    | 8,1     | 208    | 160   |
| 440.19RFID   | 19     | 41,2   | 27,8    | 7,2    | 11,9    | 8,3     | 216    | 180   |
| 440.20RFID   | 20     | 43,1   | 29,5    | 6,3    | 12,3    | 8,6     | 224    | 195   |
| 440.21RFID   | 21     | 45,4   | 30,9    | 7,8    | 12,8    | 8,8     | 233    | 215   |
| 440.22RFID   | 22     | 46,9   | 32,3    | 8,3    | 13,3    | 9,0     | 248    | 240   |
| 440.23RFID   | 23     | 49,0   | 33,6    | 8,7    | 13,8    | 9,3     | 257    | 265   |
| 440.24RFID   | 24     | 51,0   | 35,0    | 8,9    | 14,2    | 9,7     | 267    | 300   |
| 440.25RFID   | 25     | 53,0   | 36,4    | 9,4    | 14,7    | 9,9     | 274    | 325   |
| 440.26RFID   | 26     | 55,5   | 37,8    | 9,8    | 15,1    | 10,1    | 285    | 355   |
| 440.27RFID   | 27     | 58,0   | 39,2    | 8,9    | 15,6    | 10,4    | 295    | 385   |
| 440.28RFID   | 28     | 60,7   | 40,6    | 10,6   | 16,1    | 10,7    | 305    | 425   |
| 440.29RFID   | 29     | 63,0   | 42,0    | 10,8   | 16,6    | 11,2    | 320    | 485   |
| 440.30RFID   | 30     | 65,0   | 43,5    | 11,2   | 17,1    | 11,5    | 340    | 540   |
| 440.32RFID   | 32     | 68,0   | 46,1    | 11,5   | 18,0    | 12,5    | 355    | 650   |
| 440.33RFID   | 33     | 69,8   | 47,0    | 11,8   | 18,5    | 12,8    | 380    | 425   |
| 440.34RFID   | 34     | 72,0   | 48,9    | 12,8   | 19,0    | 13,0    | 390    | 755   |
| 440.35RFID   | 35     | 74,3   | 51,0    | 12,8   | 19,5    | 13,5    | 430    | 900   |
| 440.36RFID   | 36     | 76,0   | 53,0    | 13,2   | 20,0    | 14,0    | 440    | 955   |
| 440.38RFID   | 38     | 80,0   | 56,0    | 14,1   | 22,0    | 15,2    | 450    | 1140  |
| 440.41RFID   | 41     | 85,0   | 58,3    | 14,7   | 23,0    | 16,0    | 460    | 1300  |

440 - Inch combination wrenches - RFID

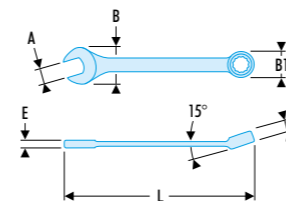


ASME B107.100, SAE AS954G

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Standard wrench for all current applications.
- High mechanical strength combined with compact size meeting aeronautical standards.
- Ring head:
  - Ring open end (size E) designed for better access to series or embedded screws.
  - OGV® profile with 12-point ring for powerful tightening while protecting the nut.
  - H suffix = 6-point ring.
  - Ring head angled at 15°.
- Open end head:
  - Open end angled at 15°.
  - Open end head-handle geometry optimised for increased access.
- Dimensions in inches: from 1/4" to 1 1/4".
- Presentation: satin chrome finish.

| Size           | A ["]  | B [mm] | B1 [mm] | E [mm] | E1 [mm] | E2 [mm] | L [mm] | ΔΔ[g] |
|----------------|--------|--------|---------|--------|---------|---------|--------|-------|
| 440.1/4RFID    | 1/4    | 14,1   | 10,0    | 3,1    | 6,0     | 3,8     | 115    | 25    |
| 440.5/16RFID   | 5/16   | 19,2   | 12,8    | 3,5    | 6,7     | 4,7     | 133    | 35    |
| 440.11/32RFID  | 11/32  | 21,2   | 14,2    | 3,9    | 7,1     | 4,7     | 138    | 40    |
| 440.3/8RFID    | 3/8    | 23,0   | 15,0    | 4,2    | 7,6     | 5,2     | 145    | 50    |
| 440.7/16RFID   | 7/16   | 24,5   | 16,9    | 4,6    | 8,1     | 5,5     | 155    | 55    |
| 440.1/2RFID    | 1/2    | 28,7   | 19,3    | 4,8    | 8,6     | 6,1     | 170    | 75    |
| 440.9/16RFID   | 9/16   | 31,0   | 21,1    | 5,7    | 9,5     | 6,4     | 180    | 90    |
| 440.5/8RFID    | 5/8    | 35,6   | 23,9    | 6,4    | 10,5    | 7,3     | 195    | 120   |
| 440.11/16RFID  | 11/16  | 37,0   | 25,3    | 6,5    | 10,9    | 7,6     | 202    | 135   |
| 440.3/4RFID    | 3/4    | 41,2   | 27,8    | 7,2    | 11,9    | 8,3     | 216    | 180   |
| 440.13/16RFID  | 13/16  | 43,1   | 29,5    | 6,3    | 12,3    | 8,6     | 224    | 195   |
| 440.7/8RFID    | 7/8    | 46,9   | 32,3    | 8,3    | 13,3    | 9,0     | 248    | 240   |
| 440.15/16RFID  | 15/16  | 51,0   | 35,0    | 8,9    | 14,2    | 9,7     | 267    | 300   |
| 440.1PRFID     | 1      | 53,0   | 36,4    | 9,4    | 14,7    | 9,9     | 274    | 325   |
| 440.1P1/16RFID | 1 1/16 | 58,0   | 39,2    | 8,9    | 15,6    | 10,4    | 295    | 385   |
| 440.1P1/8RFID  | 1 1/8  | 60,7   | 40,6    | 10,6   | 16,1    | 10,7    | 305    | 425   |
| 440.1P1/4RFID  | 1 1/4  | 68,0   | 46,1    | 11,5   | 18,0    | 12,5    | 355    | 650   |

39 - Metric short-reach combination wrenches - RFID



NF ISO 691, NF ISO 7738, NF ISO 3318, NF ISO 1711-1, E74-306, ISO 691, ISO 7738, ISO 3318, ISO 1711-1, DIN ISO 691, DIN ISO 1711-1, ASME B107.100

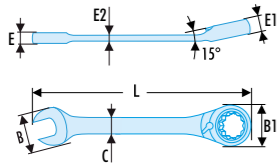
- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Short combination wrenches: the short handle and compact head allow for ease of access. Ideal for confined access.
- OGV® profile with 12-point ring for powerful tightening while protecting the nut.
- H suffix = 6-point ring.
- Ring head angled at 15°.
- Open end head angled at 15°.
- Metric sizes: 5 to 17 mm.
- Presentation: satin chrome finish.

| Size        | A [mm] | B [mm] | B1 [mm] | E [mm] | E1 [mm] | L [mm] | ΔΔ[g] |
|-------------|--------|--------|---------|--------|---------|--------|-------|
| 39.5HRFID   | 5      | 11,8   | 9,0     | 3,5    | 4,0     | 82     | 15    |
| 39.5.5HRFID | 5,5    | 11,8   | 9,5     | 3,5    | 4,0     | 84     | 15    |
| 39.6RFID    | 6      | 15,0   | 10,4    | 4,1    | 5,0     | 90     | 20    |
| 39.7RFID    | 7      | 15,0   | 11,5    | 4,1    | 5,0     | 90     | 25    |
| 39.8RFID    | 8      | 17,2   | 12,5    | 4,5    | 5,8     | 94     | 25    |
| 39.9RFID    | 9      | 19,4   | 14,0    | 4,8    | 6,0     | 98     | 30    |
| 39.10RFID   | 10     | 21,5   | 15,3    | 5,1    | 6,4     | 103    | 35    |
| 39.11RFID   | 11     | 23,7   | 16,8    | 5,3    | 6,8     | 109    | 40    |
| 39.12RFID   | 12     | 26,0   | 18,0    | 5,5    | 7,5     | 127    | 55    |
| 39.13RFID   | 13     | 28,0   | 19,5    | 5,8    | 8,0     | 141    | 60    |
| 39.14RFID   | 14     | 30,2   | 20,8    | 6,0    | 8,5     | 147    | 75    |
| 39.15RFID   | 15     | 32,3   | 22,1    | 6,4    | 9,0     | 152    | 85    |
| 39.16RFID   | 16     | 34,4   | 23,6    | 6,7    | 9,6     | 158    | 95    |
| 39.17RFID   | 17     | 36,5   | 25,0    | 6,9    | 10,0    | 165    | 105   |



RFID Standard ratchet combination wrenches

467 - Metric standard ratchet combination wrenches - RFID

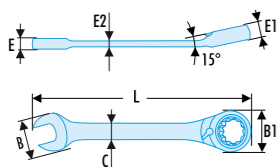


NF ISO 1711-1, NF ISO 691, ISO 1711-1, ISO 691, DIN ISO 1711-1, DIN ISO 691

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Standard ratchet combination wrenches: for all current applications.
- Compact ratchet mechanism and reversible by lever.
- Increment 5° (7.5° for dimension 6 mm; 6° for dimensions 7, 8 and 9 mm).
- Ring head angled at 15°.
- Open end head angled at 15°.
- Metric sizes: 6 to 32 mm.
- Presentation: satin chrome finish.

| ⇒          | A [mm] | B [mm] | B1 [mm] | C [mm] | E [mm] | E1 [mm] | E2 [mm] | L [mm] | ΔΔ[g] |
|------------|--------|--------|---------|--------|--------|---------|---------|--------|-------|
| 467.6RFID  | 6      | 15,0   | 14,0    | 9,7    | 4,0    | 6,9     | 4,5     | 128    | 35    |
| 467.7RFID  | 7      | 16,7   | 17,0    | 9,7    | 4,3    | 6,5     | 4,5     | 140    | 35    |
| 467.8RFID  | 8      | 16,7   | 17,0    | 9,7    | 4,3    | 6,5     | 4,5     | 140    | 35    |
| 467.9RFID  | 9      | 18,7   | 18,6    | 10,3   | 4,5    | 6,9     | 4,5     | 149    | 45    |
| 467.10RFID | 10     | 20,8   | 20,2    | 11,3   | 5,0    | 7,3     | 4,9     | 158    | 55    |
| 467.11RFID | 11     | 23,0   | 22,0    | 12,2   | 5,3    | 7,7     | 5,2     | 165    | 65    |
| 467.12RFID | 12     | 24,6   | 23,4    | 13,0   | 5,5    | 8,2     | 8       | 171    | 75    |
| 467.13RFID | 13     | 26,8   | 25,5    | 14,5   | 6,1    | 8,6     | 8       | 178    | 95    |
| 467.14RFID | 14     | 29,0   | 26,9    | 15,1   | 6,5    | 9,0     | 8,5     | 190    | 115   |
| 467.15RFID | 15     | 31,0   | 28,3    | 16,1   | 6,8    | 9,4     | 9       | 199    | 135   |
| 467.16RFID | 16     | 33,0   | 29,8    | 17,3   | 7,1    | 9,9     | 10      | 208    | 150   |
| 467.17RFID | 17     | 35,5   | 31,8    | 18,2   | 7,5    | 10,3    | 11      | 225    | 180   |
| 467.18RFID | 18     | 37,5   | 32,7    | 19,6   | 8,1    | 10,7    | 11,1    | 236    | 210   |
| 467.19RFID | 19     | 39,4   | 34,0    | 20,4   | 8,6    | 11,2    | 11,1    | 247    | 240   |
| 467.21RFID | 21     | 45,8   | 40,1    | 23,9   | 9,0    | 13,0    | 12      | 287,8  | 350   |
| 467.22RFID | 22     | 45,8   | 40,1    | 23,9   | 9,0    | 13,0    | 12      | 287,8  | 350   |
| 467.24RFID | 24     | 51,8   | 46,5    | 26,4   | 10,0   | 14,5    | 12,5    | 321    | 490   |
| 467.27RFID | 27     | 56,4   | 52,4    | 29,2   | 10,8   | 15,5    | 13      | 356,6  | 670   |
| 467.30RFID | 30     | 62,7   | 58,1    | 31,7   | 11,5   | 17,0    | 13,5    | 400,7  | 880   |
| 467.32RFID | 32     | 66,4   | 61,9    | 33,7   | 12,4   | 17,5    | 14      | 423,5  | 1090  |

467 - Inch standard ratchet combination wrenches - RFID



ASME B107.100

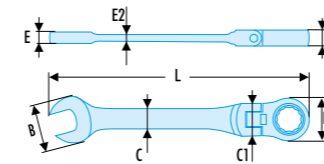
- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Standard ratchet combination wrenches: for all current applications.
- Compact ratchet mechanism and reversible by lever.
- Increment 5° (7.5° for dimension 1/4"; 6° for dimensions 5/16" and 11/32").
- Ring head angled at 15°.
- Open end head angled at 15°.
- Dimensions in inches: from 1/4" to 15/16".
- Presentation: satin chrome finish.

| ⇒             | A [mm] | B [mm] | B1 [mm] | C [mm] | E [mm] | E1 [mm] | E2 [mm] | L [mm] | ΔΔ[g] |
|---------------|--------|--------|---------|--------|--------|---------|---------|--------|-------|
| 467.1/4RFID   | 1/4    | 15,0   | 14,0    | 9,7    | 4,0    | 6,9     | 4,5     | 128    | 35    |
| 467.5/16RFID  | 5/16   | 16,7   | 17,0    | 9,7    | 4,3    | 6,5     | 4,5     | 140    | 35    |
| 467.11/32RFID | 11/32  | 18,7   | 18,6    | 10,3   | 4,5    | 6,9     | 4,5     | 149    | 45    |
| 467.3/8RFID   | 3/8    | 20,8   | 20,2    | 11,3   | 5,0    | 7,3     | 4,9     | 158    | 55    |
| 467.7/16RFID  | 7/16   | 23,0   | 22,0    | 12,2   | 5,3    | 7,7     | 5,2     | 165    | 65    |
| 467.1/2RFID   | 1/2    | 26,8   | 25,5    | 14,5   | 6,1    | 8,6     | 8       | 178    | 95    |
| 467.9/16RFID  | 9/16   | 29,0   | 26,9    | 15,1   | 6,5    | 9,0     | 8,5     | 190    | 115   |
| 467.5/8RFID   | 5/8    | 33,0   | 29,8    | 17,3   | 7,1    | 9,9     | 10      | 208    | 150   |
| 467.11/16RFID | 11/16  | 35,5   | 31,8    | 18,2   | 7,5    | 10,3    | 11,1    | 225    | 180   |
| 467.3/4RFID   | 3/4    | 39,4   | 34,0    | 20,4   | 8,6    | 11,2    | 11,1    | 247    | 240   |
| 467.7/8RFID   | 7/8    | 45,8   | 40,1    | 23,9   | 9,0    | 13,0    | 12      | 287,8  | 350   |
| 467.15/16RFID | 15/16  | 51,8   | 46,5    | 26,4   | 10,0   | 14,5    | 12,5    | 321    | 490   |

RFID Hinged ratchet combination wrench series

RFID wrenches

467F - Metric hinged jointed combination wrenches - RFID

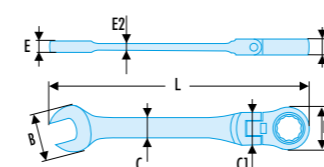


NF ISO 1711-1, NF ISO 691, ISO 1711-1, ISO 691, DIN ISO 1711-1, DIN ISO 691

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Straight ratchet ring wrenches: to reach the nut flat.
- Compact ratchet mechanism and reversible by flipping the wrench.
- Increment 5° (7.5° for dimension 6 mm; 6° for dimensions 7, 8 and 9 mm).
- Metric sizes: 8 to 19 mm.
- Presentation: satin chrome finish.

| ⇒           | A [mm] | B [mm] | B1 [mm] | C [mm] | E [mm] | E1 [mm] | E2 [mm] | L [mm] | ΔΔ[g] |
|-------------|--------|--------|---------|--------|--------|---------|---------|--------|-------|
| 467F.8RFID  | 8      | 16,2   | 16,7    | 9,0    | 4,3    | 6,5     | 4,5     | 127,5  | 50    |
| 467F.9RFID  | 9      | 18,2   | 18,6    | 10,0   | 4,6    | 6,9     | 4,5     | 132,0  | 55    |
| 467F.10RFID | 10     | 20,3   | 20,1    | 10,8   | 5,0    | 7,3     | 4,9     | 136,5  | 65    |
| 467F.11RFID | 11     | 22,5   | 21,8    | 11,8   | 5,4    | 7,7     | 5,2     | 141,5  | 70    |
| 467F.12RFID | 12     | 24,8   | 23,0    | 12,8   | 5,8    | 8,2     | 8       | 148,0  | 85    |
| 467F.13RFID | 13     | 26,8   | 25,2    | 13,6   | 6,1    | 8,6     | 8       | 155,0  | 100   |
| 467F.14RFID | 14     | 28,7   | 26,8    | 14,2   | 6,4    | 9,0     | 8,5     | 161,0  | 115   |
| 467F.15RFID | 15     | 30,5   | 28,3    | 15,4   | 6,9    | 9,4     | 9       | 170,0  | 135   |
| 467F.16RFID | 16     | 32,9   | 29,8    | 16,0   | 7,2    | 9,9     | 10      | 180,0  | 160   |
| 467F.17RFID | 17     | 34,5   | 31,8    | 16,9   | 7,6    | 10,3    | 11      | 191,0  | 180   |
| 467F.18RFID | 18     | 37,0   | 32,8    | 18,0   | 8,0    | 10,7    | 11,1    | 204,0  | 210   |
| 467F.19RFID | 19     | 39,2   | 33,9    | 19,5   | 8,6    | 11,2    | 11,1    | 216,0  | 240   |

467F - Inch hinged jointed combination wrenches - RFID



ASME B107.100

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Hinged head ratchet combination wrenches: to reach difficult access nuts.
- Compact ratchet mechanism and reversible by flipping the wrench.
- Increment 5° (6° for dimensions 8 and 9 mm).
- Ring head hinged at 180°.
- Open end head angled at 15°.
- Dimensions in inches: from 5/16 to 3/4".
- Presentation: satin chrome finish.

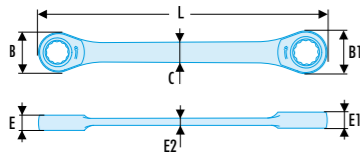
| ⇒              | A ["] | B [mm] | B1 [mm] | C [mm] | E [mm] | E1 [mm] | E2 [mm] | L [mm] | ΔΔ[g] |
|----------------|-------|--------|---------|--------|--------|---------|---------|--------|-------|
| 467F.5/16RFID  | 5/16  | 16,2   | 16,7    | 9,0    | 4,3    | 6,5     | 4,5     | 127,5  | 50    |
| 467F.3/8RFID   | 3/8   | 20,3   | 20,1    | 10,8   | 5,0    | 7,3     | 4,9     | 136,5  | 65    |
| 467F.7/16RFID  | 7/16  | 22,5   | 21,8    | 11,8   | 5,4    | 7,7     | 5,2     | 141,5  | 70    |
| 467F.1/2RFID   | 1/2   | 26,8   | 25,2    | 13,6   | 6,1    | 8,6     | 8       | 155,0  | 100   |
| 467F.9/16RFID  | 9/16  | 28,7   | 26,8    | 14,2   | 6,4    | 9,0     | 8,5     | 161,0  | 115   |
| 467F.5/8RFID   | 5/8   | 32,9   | 29,8    | 16,0   | 7,2    | 9,9     | 10      | 180,0  | 165   |
| 467F.11/16RFID | 11/16 | 34,5   | 31,8    | 16,9   | 7,6    | 10,3    | 11,1    | 191,0  | 180   |
| 467F.3/4RFID   | 3/4   | 39,2   | 33,9    | 19,5   | 8,6    | 11,2    | 11,1    | 216,0  | 240   |

RFID Ratchet ring wrenches

RFID 15° hinged ratchet ring wrenches

RFID wrenches

64 - Metric straight ratchet ring wrenches - RFID

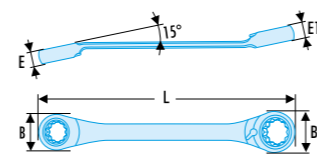


NF ISO 1711-1, NF ISO 691, ISO 1711-1, ISO 691, DIN ISO 1711-1, DIN ISO 691, ASME B107.100

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Straight ratchet ring wrenches: to reach the nut flat.
- Compact ratchet mechanism and reversible by flipping the wrench.
- Increment 5° (7.5° for dimension 6 mm; 6° for dimensions 7, 8 and 9 mm).
- Metric sizes: 6 to 24 mm.
- Presentation: satin chrome finish.

| ⇒            | A [mm] | B [mm] | B1 [mm] | C [mm] | E [mm] | E1 [mm] | E2 [mm] | L [mm] | ΔΔ[g] |
|--------------|--------|--------|---------|--------|--------|---------|---------|--------|-------|
| 64.6X7RFID   | 6x7    | 14,2   | 17,2    | 8,0    | 6,3    | 6,5     | 5       | 115    | 40    |
| 64.8X9RFID   | 8x9    | 16,8   | 20,2    | 8,3    | 6,5    | 6,9     | 5,2     | 128    | 50    |
| 64.10X11RFID | 10x11  | 20,2   | 21,8    | 9,1    | 7,3    | 7,7     | 9       | 150    | 70    |
| 64.12X13RFID | 12x13  | 23     | 24,8    | 11,3   | 8,2    | 8,6     | 9,5     | 170    | 90    |
| 64.14X15RFID | 14x15  | 26,5   | 29,5    | 13,1   | 9,0    | 9,4     | 12      | 190    | 140   |
| 64.16X18RFID | 16x18  | 29,5   | 33,5    | 14,8   | 9,9    | 10,7    | 12,5    | 210    | 195   |
| 64.17X19RFID | 17x19  | 31,5   | 33,5    | 15,2   | 10,3   | 11,2    | 12,5    | 230    | 205   |
| 64.21X23RFID | 21x23  | 40     | 46,0    | 15,2   | 13,0   | 14,5    | 16      | 260    | 490   |
| 64.22X24RFID | 22x24  | 40     | 46,0    | 15,2   | 13,0   | 14,5    | 16      | 260    | 490   |

65 - Metric 15° hinged ratchet ring wrenches - RFID

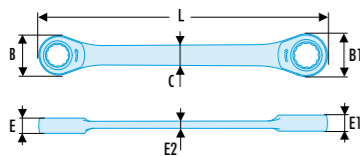


NF ISO 1711-1, NF ISO 691, ISO 1711-1, ISO 691, DIN ISO 1711-1, DIN ISO 691, ASME B107.100

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Straight ratchet ring wrenches: to reach the nut flat.
- Compact ratchet mechanism and reversible by flipping the wrench.
- Increment 5° (7.5° for dimension 6 mm; 6° for dimensions 7, 8 and 9 mm).
- Metric sizes: 6 to 24 mm.
- Presentation: satin chrome finish.

| ⇒            | A [mm] | B [mm] | B1 [mm] | E [mm] | E1 [mm] | L [mm] | ΔΔ[g] |
|--------------|--------|--------|---------|--------|---------|--------|-------|
| 65.6X7RFID   | 6x7    | 14,0   | 17,0    | 6,3    | 6,5     | 115    | 35    |
| 65.8X9RFID   | 8x9    | 17,0   | 20,2    | 6,5    | 6,9     | 128    | 50    |
| 65.10X11RFID | 10x11  | 20,2   | 22,0    | 7,3    | 7,7     | 150    | 75    |
| 65.12X13RFID | 12x13  | 23,4   | 25,5    | 8,2    | 8,6     | 170    | 100   |
| 65.14X15RFID | 14x15  | 26,9   | 29,8    | 9,0    | 9,4     | 190    | 140   |
| 65.16X18RFID | 16x18  | 29,8   | 34,0    | 9,9    | 10,7    | 210    | 200   |
| 65.17X19RFID | 17x19  | 31,8   | 34,0    | 10,3   | 11,2    | 230    | 220   |
| 65.21X23RFID | 21x23  | 40,1   | 46,0    | 13,0   | 14,5    | 260    | 400   |
| 65.22X24RFID | 22x24  | 40,1   | 46,5    | 13,0   | 14,5    | 260    | 435   |

64 - Inch straight ratchet ring wrenches - RFID

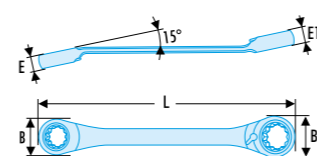


ASME B107.100

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Straight ratchet ring wrenches: to reach the nut flat.
- Compact ratchet mechanism and reversible by flipping the wrench.
- Increment 5° (7.5° for dimension 1/4" mm; 6° for dimensions 5/16" and 11/32").
- Dimensions in inches: from 1/4" to 5/16".
- Presentation: satin chrome finish.

| ⇒                 | A ["]      | B [mm] | B1 [mm] | C [mm] | E [mm] | E1 [mm] | E2 [mm] | L [mm] | ΔΔ[g] |
|-------------------|------------|--------|---------|--------|--------|---------|---------|--------|-------|
| 64.1/4X5/16RFID   | 1/4x5/16   | 14,2   | 17,2    | 8,0    | 6,3    | 6,5     | 5       | 115    | 40    |
| 64.5/16X11/32RFID | 5/16x11/32 | 16,8   | 20,2    | 8,3    | 6,5    | 6,9     | 5,2     | 128    | 50    |
| 64.3/8X7/16RFID   | 3/8x7/16   | 20,2   | 21,8    | 9,1    | 7,3    | 7,7     | 9       | 150    | 70    |
| 64.1/2X9/16RFID   | 1/2x9/16   | 23     | 24,8    | 11,3   | 8,6    | 9,0     | 9,5     | 180    | 125   |
| 64.5/8X11/16RFID  | 5/8x11/16  | 29,5   | 33,5    | 14,8   | 9,9    | 10,7    | 12,5    | 210    | 195   |
| 64.3/4X13/16RFID  | 3/4x13/16  | 33,5   | 40,0    | 15,2   | 11,2   | 13,0    | 12,5    | 245    | 320   |
| 64.7/8X15/16RFID  | 7/8x15/16  | 44     | 46,0    | 15,2   | 13,0   | 14,5    | 16      | 260    | 490   |

65 - Inch 15° hinged ratchet ring wrenches - RFID



ASME B107.100

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- 15° hinged ratchet ring wrenches: ring offset to clear fingers or obstacles.
- Compact ratchet mechanism and reversible by lever.
- Increment 5° (7.5° for dimension 1/4"; 6° for dimensions 5/16" and 11/32").
- Ring head angled at 15°.
- Dimensions in inches: from 1/4" to 15/16".
- Presentation: satin chrome finish.

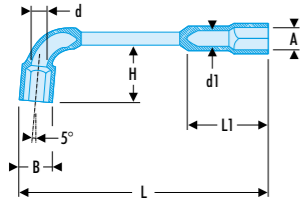
| ⇒                 | A ["]      | B [mm] | B1 [mm] | E [mm] | E1 [mm] | L [mm] | ΔΔ[g] |
|-------------------|------------|--------|---------|--------|---------|--------|-------|
| 65.1/4X5/16RFID   | 1/4x5/16   | 14,0   | 17,0    | 6,3    | 6,5     | 115    | 35    |
| 65.5/16X11/32RFID | 5/16x11/32 | 17,0   | 20,2    | 6,5    | 6,9     | 128    | 50    |
| 65.3/8X7/16RFID   | 3/8x7/16   | 20,2   | 22,0    | 7,3    | 7,7     | 150    | 75    |
| 65.1/2X9/16RFID   | 1/2x9/16   | 25,5   | 26,9    | 8,6    | 9,0     | 180    | 120   |
| 65.5/8X11/16RFID  | 5/8x11/16  | 29,8   | 31,8    | 9,9    | 10,3    | 200    | 180   |
| 65.3/4X13/16RFID  | 3/4x13/16  | 34,0   | 40,1    | 11,2   | 13,0    | 245    | 300   |
| 65.7/8X15/16RFID  | 7/8x15/16  | 40,1   | 46,5    | 13,0   | 14,5    | 260    | 430   |

RFID Angled open-socket wrenches

RFID Nut drivers - RFID Adjustable wrenches

RFID wrenches

76 - Forged metric 12 x 6 point angled open-socket wrenches - RFID

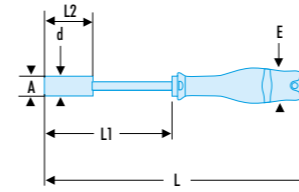


NF ISO 2236, NF ISO 691, ISO 2236, ISO 691, DIN ISO 691

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Angled socket wrenches: wrenches designed for powerful unlocking.
- 12-point short head for 30° increment and 6-point long head.
- Opening of the short head for passing threaded rods.
- Metric sizes: 6 to 16 mm.
- Presentation: satin chrome finish.

| RFID      | A [mm] | B [mm] | d [mm] | d1 [mm] | H [mm] | L [mm] | L1 [mm] | ΔΔ[g] |
|-----------|--------|--------|--------|---------|--------|--------|---------|-------|
| 76.6RFID  | 6      | 10,0   | 4,5    | 4,5     | 16     | 102    | 21      | 60    |
| 76.7RFID  | 7      | 11,0   | 4,5    | 4,5     | 17     | 106    | 22      | 65    |
| 76.8RFID  | 8      | 12,5   | 7,0    | 6,0     | 19     | 114    | 25      | 90    |
| 76.9RFID  | 9      | 13,5   | 7,0    | 6,0     | 20     | 122    | 26      | 95    |
| 76.10RFID | 10     | 15,0   | 8,0    | 7,0     | 24     | 129    | 28      | 125   |
| 76.11RFID | 11     | 16,5   | 8,0    | 7,0     | 25     | 136    | 30      | 145   |
| 76.12RFID | 12     | 18,0   | 9,0    | 8,0     | 28     | 144    | 36      | 185   |
| 76.13RFID | 13     | 19,5   | 9,0    | 8,0     | 30     | 152    | 38      | 205   |
| 76.14RFID | 14     | 21,0   | 10,5   | 9,0     | 32     | 160    | 40      | 235   |
| 76.15RFID | 15     | 22,5   | 10,5   | 10,0    | 34     | 169    | 42      | 260   |
| 76.16RFID | 16     | 24,0   | 13,0   | 12,0    | 37     | 178    | 46      | 315   |

74A - Forged nut driver - metric - RFID

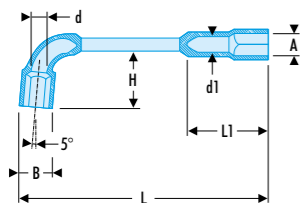


NF ISO 2236, NF ISO 691, ISO 2236, ISO 691, DIN 3125, DIN ISO 691

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Ideal for screws with limited access in height or precision mechanics.
- Protwist screwdriver handle for optimum comfort and for powerful unlocking.
- 6-point socket with deep opening for long threads.
- Forged body for maximum strength.
- Metric sizes: 3.2 to 14 mm.
- Presentation: satin chrome finish.

| RFID         | A [mm] | d [mm] | E [mm] | L [mm] | L1 [mm] | L2 [mm] | ΔΔ[g] |
|--------------|--------|--------|--------|--------|---------|---------|-------|
| 74A.3.2FRFID | 3,2    | 6,0    | 36     | 245    | 106     | 20      | 140   |
| 74A.4FRFID   | 4,0    | 7,0    | 36     | 245    | 106     | 20      | 145   |
| 74A.4.5FRFID | 4,5    | 7,5    | 36     | 245    | 106     | 25      | 150   |
| 74A.5FRFID   | 5,0    | 8,0    | 36     | 245    | 106     | 25      | 150   |
| 74A.5.5FRFID | 5,5    | 8,0    | 36     | 245    | 106     | 30      | 150   |
| 74A.6FRFID   | 6,0    | 9,5    | 36     | 245    | 106     | 35      | 155   |
| 74A.7FRFID   | 7,0    | 9,5    | 36     | 245    | 106     | 35      | 160   |
| 74A.8FRFID   | 8,0    | 12,0   | 36     | 245    | 106     | 50      | 185   |
| 74A.9FRFID   | 9,0    | 12,0   | 36     | 245    | 106     | 50      | 190   |
| 74A.10FRFID  | 10,0   | 14,5   | 40     | 250    | 106     | 50      | 230   |
| 74A.11FRFID  | 11,0   | 16,0   | 40     | 250    | 106     | 50      | 250   |
| 74A.12FRFID  | 12,0   | 17,0   | 40     | 250    | 106     | 50      | 250   |
| 74A.13FRFID  | 13,0   | 18,5   | 40     | 250    | 106     | 55      | 290   |
| 74A.14FRFID  | 14,0   | 20,0   | 40     | 250    | 106     | 55      | 295   |

75 - Forged metric 6 x 6 point angled open-socket wrenches - RFID

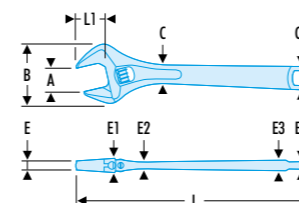


NF ISO 2236, NF ISO 691, ISO 2236, ISO 691, DIN ISO 691

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Angled socket wrenches: wrenches designed for powerful unlocking.
- Short head and long head: 6-point.
- Opening of the short head for passing threaded rods.
- Metric sizes: 17 to 32 mm.
- Presentation: satin chrome finish.

| RFID      | A [mm] | B [mm] | d [mm] | d1 [mm] | H [mm] | L [mm] | L1 [mm] | ΔΔ[g] |
|-----------|--------|--------|--------|---------|--------|--------|---------|-------|
| 75.17RFID | 17     | 25,5   | 13,0   | 12,0    | 39     | 187    | 48      | 345   |
| 75.18RFID | 18     | 26,5   | 13,0   | 12,0    | 40     | 195    | 50      | 395   |
| 75.19RFID | 19     | 28,5   | 15,0   | 12,0    | 41     | 204    | 51      | 460   |
| 75.21RFID | 21     | 30,5   | 15,0   | 14,0    | 46     | 221    | 55      | 520   |
| 75.22RFID | 22     | 32,0   | 15,0   | 14,0    | 48     | 230    | 57      | 565   |
| 75.24RFID | 24     | 34,5   | 18,0   | 16,0    | 54     | 250    | 67      | 690   |
| 75.27RFID | 27     | 38,0   | 22,0   | 19,0    | 58     | 280    | 73      | 980   |
| 75.30RFID | 30     | 42,0   | 24,0   | 21,0    | 64     | 310    | 83      | 1330  |
| 75.32RFID | 32     | 44,5   | 24,0   | 22,6    | 74     | 330    | 88      | 1430  |

113A.C - Chromed adjustable wrenches - RFID



NF ISO 6787, ISO 6787, DIN 3117, ASME B107.100

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Easy to access button for setting jaws.
- Non-protruding moving jaw at maximum capacity.
- Pre-adjustment of jaw opening thanks to millimetric gradation.
- Right-hand button rotation.
- Range from 6" to 18".
- Presentation: chromed body and polished head faces.

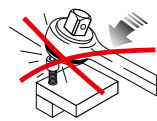
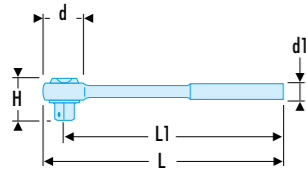
| RFID         | A [mm] | B [mm] | C [mm] | E [mm] | E1 [mm] | E2 [mm] | E3 [mm] | E4 [mm] | L [mm] | L1 [mm] | ΔΔ[g] |
|--------------|--------|--------|--------|--------|---------|---------|---------|---------|--------|---------|-------|
| 113A.6CRFID  | 20     | 45,0   | 14,8   | 5      | 11,8    | 6,0     | 8,3     | 5,8     | 155    | 19      | 155   |
| 113A.8CRFID  | 27     | 61,5   | 18,5   | 6,5    | 13,5    | 9,0     | 11,0    | 8,5     | 206    | 24      | 305   |
| 113A.10CRFID | 30     | 69,5   | 21,5   | 9      | 15,5    | 9,5     | 12,7    | 10,0    | 255    | 29      | 510   |
| 113A.12CRFID | 34     | 80,0   | 25,0   | 10     | 18,0    | 10,2    | 13,0    | 10,0    | 306    | 34      | 730   |
| 113A.15CRFID | 44     | 97,0   | 28,0   | 13,5   | 20,0    | 12,0    | 14,8    | 11,5    | 380    | 44      | 1175  |
| 113A.18CRFID | 53     | 115,0  | 31,0   | 16     | 22,5    | 14,3    | 17,8    | 13,5    | 456    | 53      | 1820  |

RFID Radio 1/4" range

RFID Radio 1/4" range

RFID Ratchets - Sockets

1/4" maintenance free pear head ratchet - RFID

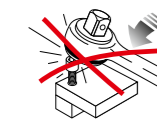
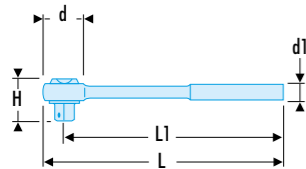


NF ISO 3315, ISO 3315, DIN 3122, ASME B107.10

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Dust proof, maintenance free mechanism.
- 72 teeth mechanism for 5° increments.
- Drive direction switch allows easy reversal even with gloved or greasy hands.
- Palm control system - allows the operator to press down on the head avoiding risk of accidental reverse.
- Ultra-compact head.
- Hook for hanging when working at height.
- Ergonomic comfort grip handle design resistant to workshop chemicals and solvents.

| RFID       | d [mm] | d1 [mm] | H [mm] | L [mm] | L1 [mm] | ΔΔ[g] |
|------------|--------|---------|--------|--------|---------|-------|
| RL.171RFID | 22     | 20      | 25     | 120    | 110     | 90    |

1/4" fast action twist handle ratchet - RFID



NF ISO 3315, ISO 3315, DIN 3122, ASME B107.10

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Twist handle for working twice as fast in confined spaces
- 6° increments for final tightening.
- Socket safety locking: no more lost sockets.
- Palm control system - allows the operator to press down on the head avoiding risk of accidental reverse.

| RFID      | d [mm] | d1 [mm] | H [mm] | L [mm] | L1 [mm] | ΔΔ[g] |
|-----------|--------|---------|--------|--------|---------|-------|
| R.360RFID | 27     | 21      | 29     | 120    | 120     | 160   |

R.236ARFID PROTWIST® handle screwdriver 1/4" - 158 mm - RFID



NF ISO 3315, ISO 3315, DIN 3122, ASME B107.10

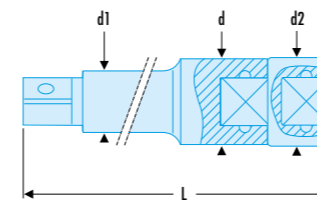
- Tool with built-in RFID chip for workshop traceability.
  - Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
  - Radio frequency identification requires appropriate storage equipment.
  - Detectable by it's fluorescence, activated by a lamp or UV neon light.
  - Bi-material grip resists to impacts, abrasion, and chemicals.
  - Finish: chromed.
- Weight: 110 g.

65.PERFID Bit-holder ratchet wrench 1/4" - 5/16" RFID



- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Takes the following bits: - Series 1: hexagon 1/4". - Series 2: hexagon 5/16".
- Used for installing 1/4" and 5/16" aircraft fasteners.
- Increment: 5°. - Heads angled at 15°. - Bits held by a spring clip.
- Knurled head for fast pre-tightening.
- Length 150 mm.
- Satin chrome finish.
- Weight: 100 g.

R - 1/4" drive extension - RFID

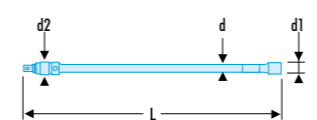


NF ISO 3316, ISO 3316, DIN 3123, ASME B107.10

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Finish: chromed.

| RFID      | d [mm] | d1 [mm] | d2 [mm] | L [mm] | ΔΔ[g] |
|-----------|--------|---------|---------|--------|-------|
| R.209RFID | 12     | 8,2     | 13      | 85     | 50    |

R.RC - 1/4" drive locking extensions - RFID

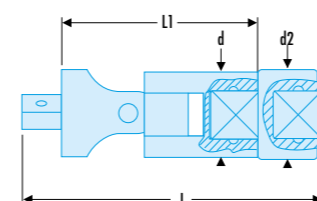


NF ISO 3316, ISO 3316, DIN 3123, ASME B107.10

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Locking mechanism.
- Finish: bright chrome.

| RFID        | d [mm] | d1 [mm] | d2 [mm] | d3 [mm] | L [mm] | ΔΔ[g] |
|-------------|--------|---------|---------|---------|--------|-------|
| R.210RCRFID | 8,2    | 12      | 13      | 13      | 130    | 65    |
| R.215RCRFID | 8,2    | 12      | 13      | 13      | 180    | 80    |
| R.217RCRFID | 8,2    | 12      | 13      | 13      | 280    | 120   |

1/4" universal joint - RFID



NF ISO 3316, ISO 3316, DIN 3123, ASME B107.10

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Spring-stiffened joints. Stays in position when reaching for fasteners.
- Finish: bright chrome.

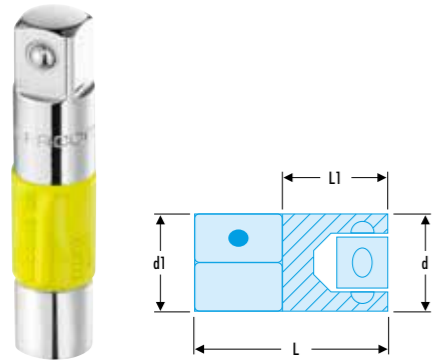
| RFID       | d [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ[g] |
|------------|--------|---------|--------|---------|-------|
| R.240ARFID | 13     | 13      | 63     | 25      | 40    |

RFID Radio 1/4" range

RFID Radio 1/4" range

RFID Ratchets - Sockets

1/4" to 3/8" coupler - RFID

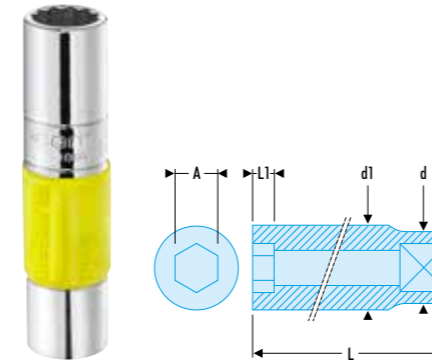


**NF ISO 3316, ISO 3316, DIN 3123, ASME B107.10**

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- 1/4" female square drive .
- 3/8" male square drive for adapting 3/8" drive sockets.
- Finish: bright chrome.

| RFID      | d [mm] | d1 [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ[g] |
|-----------|--------|---------|---------|--------|---------|-------|
| R.232RFID | 12     | 12      | 21      | 43,5   | 13,5    | 50    |

R.E - 1/4" drive metric 12-point sockets - RFID

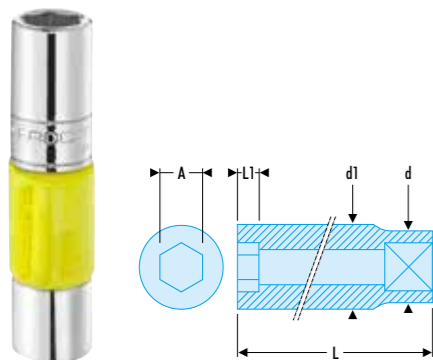


**NF ISO 1711-1, ISO 1711-1**

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- OGV® profile: more powerful tightening, preserves fasteners.
- Metric dimensions : from 5,5 à 14 mm.
- Finish: bright chrome.

| RFID       | A [mm] | ⌀ [mm] | d [mm] | d1 [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ[g] |
|------------|--------|--------|--------|---------|---------|--------|---------|-------|
| R.5.5ERFID | 5,5    | 12     | 11,2   | 8,8     | 13      | 52     | 4,8     | 30    |
| R.6ERFID   | 6,0    | 12     | 11,2   | 9,4     | 13      | 52     | 5,6     | 30    |
| R.7ERFID   | 7,0    | 12     | 11,0   | 11,0    | 13      | 52     | 6,0     | 30    |
| R.8ERFID   | 8,0    | 12     | 12,0   | 12,0    | 13      | 52     | 6,5     | 35    |
| R.9ERFID   | 9,0    | 12     | 13,2   | 13,2    | 13      | 52     | 6,5     | 35    |
| R.10ERFID  | 10,0   | 12     | 14,7   | 14,7    | 13      | 52     | 7,8     | 40    |
| R.11ERFID  | 11,0   | 12     | 15,8   | 15,8    | 21      | 41     | 9,0     | 50    |
| R.12ERFID  | 12,0   | 12     | 17,0   | 17,0    | 21      | 41     | 9,5     | 55    |
| R.13ERFID  | 13,0   | 12     | 17,7   | 17,7    | 21      | 41     | 10,0    | 55    |
| R.14ERFID  | 14,0   | 12     | 18,7   | 18,7    | 21      | 41     | 10,0    | 60    |

R - 1/4" drive metric 6-point sockets - RFID

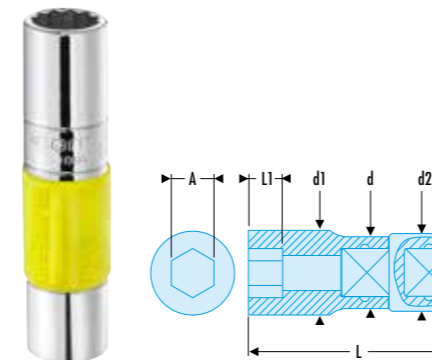


**NF ISO 1711-1, ISO 1711-1**

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- OGV® profile: more powerful tightening, preserves fasteners.
- Metric dimensions : from 3,2 to 14 mm.
- Finish: bright chrome.

| RFID      | A [mm] | ⌀ [mm] | d [mm] | d1 [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ[g] |
|-----------|--------|--------|--------|---------|---------|--------|---------|-------|
| R.3.2RFID | 3,2    | 6      | 11,2   | 5,9     | 13      | 52     | 2,4     | 30    |
| R.4RFID   | 4,0    | 6      | 11,2   | 6,9     | 13      | 52     | 2,6     | 30    |
| R.5RFID   | 5,0    | 6      | 11,2   | 8,2     | 13      | 52     | 4,8     | 30    |
| R.5.5RFID | 5,5    | 6      | 11,2   | 8,8     | 13      | 52     | 4,8     | 30    |
| R.6RFID   | 6,0    | 6      | 11,2   | 9,4     | 13      | 52     | 5,6     | 30    |
| R.7RFID   | 7,0    | 6      | 11,0   | 11,0    | 13      | 52     | 6,0     | 30    |
| R.8RFID   | 8,0    | 6      | 12,0   | 12,0    | 13      | 52     | 6,5     | 35    |
| R.9RFID   | 9,0    | 6      | 13,2   | 13,2    | 13      | 52     | 6,5     | 35    |
| R.10RFID  | 10,0   | 6      | 14,7   | 14,7    | 13      | 52     | 7,8     | 40    |
| R.11RFID  | 11,0   | 6      | 15,8   | 15,8    | 21      | 41     | 9,0     | 50    |
| R.12RFID  | 12,0   | 6      | 17,0   | 17,0    | 21      | 41     | 9,5     | 55    |
| R.13RFID  | 13,0   | 6      | 17,7   | 17,7    | 21      | 41     | 10,0    | 55    |
| R.14RFID  | 14,0   | 6      | 18,7   | 18,7    | 21      | 41     | 10,0    | 60    |

RB - 1/4" drive inch 12-point thin wall sockets - RFID

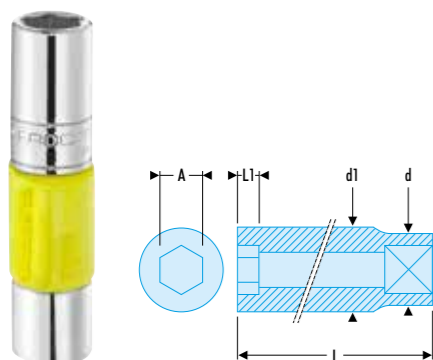


**ASME B107.10**

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- OGV® profile: more powerful tightening, preserves fasteners.
- Thin-wall for better access, conform with aeronautical standards.
- Dimensions in inches : from 3/16" to 9/16".
- Finish: bright chrome.

| RFID         | A ["] | ⌀ [mm] | d [mm] | d1 [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ[g] |
|--------------|-------|--------|--------|---------|---------|--------|---------|-------|
| RB.3/16RFID  | 3/16  | 12     | 11,2   | 7,6     | 13      | 52     | 4,8     | 30    |
| RB.7/32RFID  | 7/32  | 12     | 11,2   | 8,7     | 13      | 52     | 5,5     | 30    |
| RB.1/4RFID   | 1/4   | 12     | 11,2   | 9,7     | 13      | 52     | 6,0     | 30    |
| RB.9/32RFID  | 9/32  | 12     | 11,2   | 10,6    | 13      | 52     | 6,0     | 35    |
| RB.5/16RFID  | 5/16  | 12     | 11,9   | 11,9    | 13      | 52     | 6,5     | 30    |
| RB.11/32RFID | 11/32 | 12     | 12,9   | 12,9    | 13      | 52     | 6,5     | 35    |
| RB.3/8RFID   | 3/8   | 12     | 13,7   | 13,7    | 13      | 52     | 7,8     | 35    |
| RB.7/16RFID  | 7/16  | 12     | 14,8   | 15,8    | 21      | 41     | 9,0     | 50    |
| RB.1/2RFID   | 1/2   | 12     | 16,0   | 16,9    | 21      | 41     | 10,0    | 50    |
| RB.9/16RFID  | 9/16  | 12     | 17,5   | 18,7    | 21      | 41     | 10,0    | 55    |

R - 1/4" drive inch 6-point sockets - RFID



**ASME B107.10**

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- OGV® profile: more powerful tightening, preserves fasteners.
- Dimensions in inches : from 3/16" to 9/16".
- Finish: bright chrome.

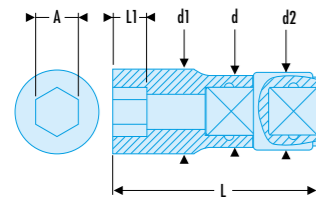
| RFID        | A ["] | ⌀ [mm] | d [mm] | d1 [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ[g] |
|-------------|-------|--------|--------|---------|---------|--------|---------|-------|
| R.3/16RFID  | 3/16  | 6      | 11,2   | 8,0     | 13      | 52     | 4,8     | 30    |
| R.7/32RFID  | 7/32  | 6      | 11,2   | 9,0     | 13      | 52     | 5,5     | 30    |
| R.1/4RFID   | 1/4   | 6      | 11,2   | 10,1    | 13      | 52     | 6,0     | 30    |
| R.9/32RFID  | 9/32  | 6      | 11,0   | 11,0    | 13      | 52     | 6,0     | 30    |
| R.5/16RFID  | 5/16  | 6      | 12,0   | 12,0    | 13      | 52     | 6,5     | 35    |
| R.11/32RFID | 11/32 | 6      | 13,2   | 13,2    | 13      | 52     | 6,5     | 35    |
| R.3/8RFID   | 3/8   | 6      | 14,7   | 14,7    | 13      | 52     | 7,8     | 40    |
| R.13/32RFID | 13/32 | 6      | 14,7   | 14,7    | 13      | 52     | 7,8     | 40    |
| R.7/16RFID  | 7/16  | 6      | 15,8   | 15,8    | 21      | 41     | 9,0     | 50    |
| R.1/2RFID   | 1/2   | 6      | 17,7   | 17,7    | 21      | 41     | 10,0    | 55    |
| R.9/16RFID  | 9/16  | 6      | 18,7   | 18,7    | 21      | 41     | 10,0    | 55    |

RFID Radio 1/4" range

RFID Radio 1/4" range

RFID Ratchets - Sockets

R.LA - 1/4" long-reach metric 6-point sockets - RFID

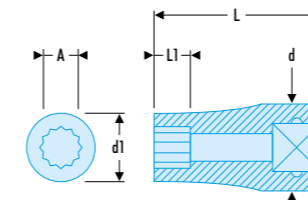


NF ISO 1711-1, ISO 1711-1

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- OGV® profile: more powerful tightening, preserves fasteners.
- Long-reach sockets for long recess or thread access.
- Metric dimensions : from 3,2 to 14 mm.
- Finish: bright chrome.

| ➤           | A [mm] | ⌀ [mm] | d [mm] | d1 [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ[g] |
|-------------|--------|--------|--------|---------|---------|--------|---------|-------|
| R.3.2LARFID | 3,2    | 6      | 12,0   | 5,80    | 13      | 50,5   | 1,8     | 40    |
| R.4LARFID   | 4      | 6      | 12,0   | 6,80    | 13      | 50,5   | 2,0     | 40    |
| R.5LARFID   | 5      | 6      | 12,0   | 8,10    | 13      | 50,5   | 2,3     | 40    |
| R.5.5LARFID | 5,5    | 6      | 12,0   | 8,10    | 13      | 50,5   | 3,0     | 40    |
| R.6LARFID   | 6      | 6      | 12,0   | 9,40    | 13      | 50,5   | 5,6     | 40    |
| R.7LARFID   | 7      | 6      | 12,0   | 10,90   | 13      | 50,5   | 7,1     | 50    |
| R.8LARFID   | 8      | 6      | 12,0   | 12,00   | 13      | 50,5   | 7,9     | 50    |
| R.9LARFID   | 9      | 6      | 12,8   | 12,80   | 13      | 50,5   | 7,9     | 55    |
| R.10LARFID  | 10     | 6      | 14,3   | 14,30   | 13      | 50,5   | 7,9     | 65    |
| R.11LARFID  | 11     | 6      | 16,0   | 16,00   | 21      | 50,5   | 7,9     | 85    |
| R.12LARFID  | 12     | 6      | 16,8   | 16,80   | 21      | 50,5   | 8,4     | 80    |
| R.13LARFID  | 13     | 6      | 18,2   | 18,20   | 21      | 50,5   | 8,4     | 90    |
| R.14LARFID  | 14     | 6      | 19,2   | 19,20   | 21      | 50,5   | 10,2    | 100   |

R.EL - 1/4" long-reach metric 12-point sockets - RFID

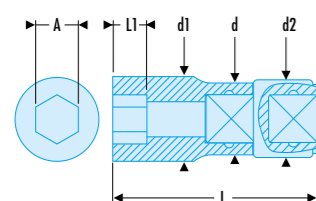


ASME B107.10

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- OGV® profile: more powerful tightening, preserves fasteners.
- Long-reach sockets for long recess or thread access.
- High performance, suitable for aircraft fasteners to AS954E.
- Thinner socket walls for better accessibility.
- Dimensions in inches: from 3/16" to 9/16".
- Finish: bright chrome.

| ➤             | A ["] | ⌀ [mm] | d [mm] | d1 [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ[g] |
|---------------|-------|--------|--------|---------|---------|--------|---------|-------|
| R.3/16ELRFID  | 3/16  | 12     | 10,9   | 7,7     | 13      | 80     | 6,0     | 35    |
| R.7/32ELRFID  | 7/32  | 12     | 10,9   | 8,5     | 13      | 80     | 7,4     | 35    |
| R.1/4ELRFID   | 1/4   | 12     | 10,9   | 9,4     | 13      | 80     | 7,4     | 40    |
| R.9/32ELRFID  | 9/32  | 12     | 10,9   | 10,2    | 13      | 80     | 8,5     | 40    |
| R.5/16ELRFID  | 5/16  | 12     | 11,8   | 11,4    | 13      | 80     | 9,0     | 45    |
| R.11/32ELRFID | 11/32 | 12     | 12,0   | 12,5    | 13      | 80     | 9,7     | 45    |
| R.3/8ELRFID   | 3/8   | 12     | 12,8   | 13,7    | 13      | 80     | 11,2    | 55    |
| R.7/16ELRFID  | 7/16  | 12     | 14,3   | 15,6    | 21      | 69     | 11,9    | 70    |
| R.1/2ELRFID   | 1/2   | 12     | 16,2   | 17,3    | 21      | 69     | 13,8    | 75    |
| R.9/16ELRFID  | 9/16  | 12     | 17,1   | 18,8    | 21      | 69     | 16,2    | 80    |

R.EL - 1/4" long-reach metric 12-point sockets - RFID

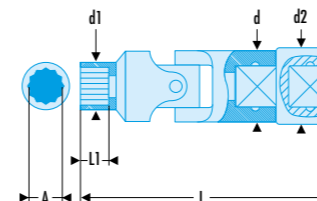


NF ISO 1711-1, ISO 1711-1

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- OGV® profile: more powerful tightening, preserves fasteners.
- Long-reach sockets for long recess or thread access.
- High performance, suitable for aircraft fasteners to AS954E.
- Thinner socket walls for better accessibility.
- Metric dimensions : from 4 to 14 mm.
- Finish: bright chrome.

| ➤           | A [mm] | ⌀ [mm] | d [mm] | d1 [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ[g] |
|-------------|--------|--------|--------|---------|---------|--------|---------|-------|
| R.4ELRFID   | 4      | 12     | 6,7    | 11,2    | 13      | 80     | 4       | 40    |
| R.4.5ELRFID | 4,5    | 12     | 7,3    | 11,2    | 13      | 80     | 4,5     | 40    |
| R.5ELRFID   | 5      | 12     | 7,8    | 11,2    | 13      | 80     | 5,5     | 40    |
| R.5.5ELRFID | 5,5    | 12     | 8,5    | 11,2    | 13      | 80     | 6       | 40    |
| R.6ELRFID   | 6      | 12     | 9,2    | 11,2    | 13      | 80     | 7       | 40    |
| R.7ELRFID   | 7      | 12     | 10,3   | 11,2    | 13      | 80     | 8       | 50    |
| R.8ELRFID   | 8      | 12     | 11,2   | 11,7    | 13      | 80     | 9       | 50    |
| R.9ELRFID   | 9      | 12     | 13     | 12      | 13      | 80     | 10      | 55    |
| R.10ELRFID  | 10     | 12     | 14,3   | 12,9    | 13      | 80     | 11      | 65    |
| R.11ELRFID  | 11     | 12     | 15,5   | 14,3    | 21      | 69     | 12      | 85    |
| R.12ELRFID  | 12     | 12     | 16,8   | 15,5    | 21      | 69     | 13      | 90    |
| R.13ELRFID  | 13     | 12     | 18     | 16,4    | 21      | 69     | 14      | 90    |
| R.14ELRFID  | 14     | 12     | 19,3   | 17,9    | 21      | 69     | 16      | 100   |

R.F - 1/4" drive hinged 12-point sockets - RFID



ASME B107.10

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- OGV® profile: more powerful tightening, preserves fasteners.
- Compact solution used instead of universal joint.
- Dimensions in inches: from 3/16" to 9/16".
- Finish: bright chrome.

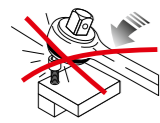
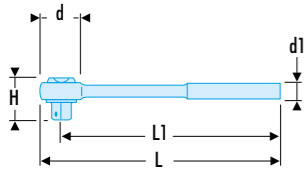
| ➤            | A ["] | ⌀ [mm] | d [mm] | d1 [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ[g] |
|--------------|-------|--------|--------|---------|---------|--------|---------|-------|
| R.3/16FRFID  | 3/16  | 12     | 13     | 8,0     | 13      | 61,6   | 5,3     | 35    |
| R.7/32FRFID  | 7/32  | 12     | 13     | 8,5     | 13      | 62,4   | 6,1     | 35    |
| R.1/4FRFID   | 1/4   | 12     | 13     | 9,8     | 13      | 62,8   | 6,5     | 35    |
| R.9/32FRFID  | 9/32  | 12     | 13     | 10,5    | 13      | 62,8   | 6,5     | 35    |
| R.5/16FRFID  | 5/16  | 12     | 13     | 12,0    | 13      | 63,3   | 7,0     | 35    |
| R.11/32FRFID | 11/32 | 12     | 13     | 13,3    | 13      | 63,3   | 7,0     | 40    |
| R.3/8FRFID   | 3/8   | 12     | 13     | 13,7    | 13      | 64,6   | 8,3     | 45    |
| R.7/16FRFID  | 7/16  | 12     | 13     | 15,5    | 21      | 54,8   | 9,5     | 60    |
| R.1/2FRFID   | 1/2   | 12     | 13     | 18,0    | 21      | 55,8   | 10,5    | 65    |
| R.9/16FRFID  | 9/16  | 12     | 13     | 19,2    | 21      | 55,8   | 10,5    | 65    |

RFID "Junior" 3/8" range

RFID "Junior" 3/8" range

RFID Ratchets - Sockets

3/8" maintenance free pear head ratchet - RFID

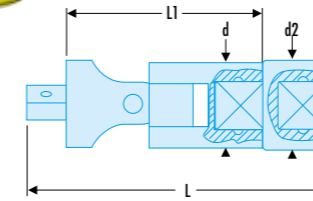


NF ISO 3315, ISO 3315, DIN 3122, ASME B107.10

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Dust proof, maintenance free mechanism.
- 72 teeth mechanism for 5° increments.
- Drive direction switch allows easy reversal even with gloved or greasy hands.
- Palm control system - allows the operator to press down on the head avoiding risk of accidental reverse.
- Ultra-compact head.
- Hook for hanging when working at height.
- Ergonomic comfort grip handle design resistant to workshop chemicals and solvents.

| RFID      | d [mm] | d1 [mm] | H [mm] | L [mm] | L1 [mm] | ΔΔ[g] |
|-----------|--------|---------|--------|--------|---------|-------|
| JL171RFID | 29     | 27      | 29     | 210    | 195     | 220   |

3/8" universal joint - RFID

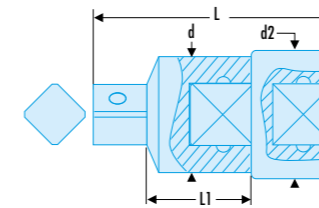


NF ISO 3316, ISO 3316, DIN 3123, ASME B107.10

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Spring-stiffened joints.
- Finish: bright chrome.

| RFID       | d [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ[g] |
|------------|--------|---------|--------|---------|-------|
| J.240ARFID | 18     | 25      | 71,5   | 36,5    | 110   |

3/8" to 1/4" coupler - RFID

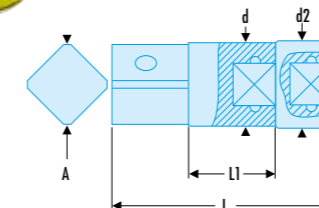


NF ISO 3316, ISO 3316, DIN 3123, ASME B107.10

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- 3/8" female square drive .
- 1/4" male square drive for adapting 1/4" drive sockets.
- Max. torque 62 N.m.
- Finish: bright chrome.

| RFID      | d [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ[g] |
|-----------|--------|---------|--------|---------|-------|
| J.230RFID | 17,5   | 25      | 44,5   | 17      | 75    |

3/8" to 1/2" coupler - RFID

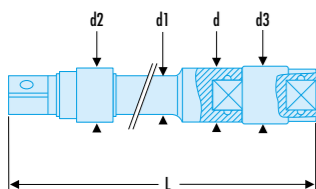


NF ISO 3316, ISO 3316, DIN 3123, ASME B107.10

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- 3/8" female square drive .
- 1/2" male square drive for adapting 1/2" drive sockets.
- Finish: bright chrome.

| RFID      | A [mm] | d [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ[g] |
|-----------|--------|--------|---------|--------|---------|-------|
| J.232RFID | 16,5   | 18     | 25      | 54,5   | 19      | 95    |

J.RC - 3/8" drive locking extensions - RFID

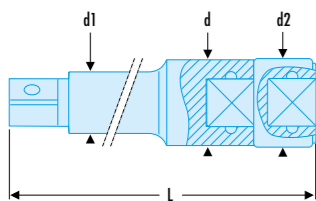


NF ISO 3316, ISO 3316, DIN 3123, ASME B107.10

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Total safety as lock system prevents socket loss.
- Finish: bright chrome with phosphate-hardened ring.

| RFID        | d [mm] | d1 [mm] | d2 [mm] | d3 [mm] | L [mm] | ΔΔ[g] |
|-------------|--------|---------|---------|---------|--------|-------|
| J.210RCRFID | 18     | 12,5    | 18      | 25      | 145    | 185   |
| J.215RCRFID | 18     | 12,5    | 18      | 25      | 270    | 290   |
| J.217RCRFID | 18     | 12,5    | 18      | 25      | 520    | 540   |

J - 3/8" drive extensions - RFID



NF ISO 3316, ISO 3316, DIN 3123, ASME B107.10

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Finish: bright chrome.

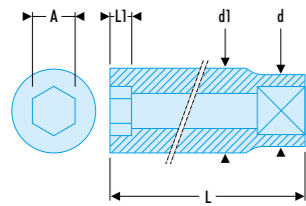
| RFID      | d [mm] | d1 [mm] | d2 [mm] | d3 [mm] | L [mm] | ΔΔ[g] |
|-----------|--------|---------|---------|---------|--------|-------|
| J.208RFID | 18     | 10      | 12,6    | 25      | 70     | 115   |
| J.209RFID | 18     | 10      | 12,6    | 25      | 95     | 140   |

RFID 3/8" range

RFID 3/8" range

RFID Ratchets - Sockets

J.H - 3/8" metric 6-point sockets - RFID

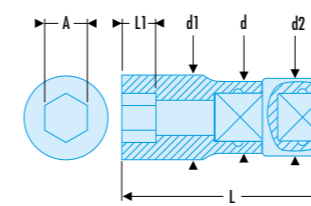


NF ISO 1711-1, ISO 1711-1

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- OGV® profile: more powerful tightening, preserves fasteners.
- Metric dimensions : from 7 to 24 mm.
- Finish: bright chrome.

| ➤         | A [mm] | ⌀ [mm] | d [mm] | d1 [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ[g] |
|-----------|--------|--------|--------|---------|---------|--------|---------|-------|
| J.7HRFID  | 7      | 6      | 17,6   | 11,0    | 25      | 47     | 6,0     | 75    |
| J.8HRFID  | 8      | 6      | 17,6   | 12,2    | 25      | 47     | 6,5     | 75    |
| J.9HRFID  | 9      | 6      | 17,6   | 13,5    | 25      | 47     | 6,7     | 75    |
| J.10HRFID | 10     | 6      | 17,6   | 14,7    | 25      | 47     | 7,8     | 80    |
| J.11HRFID | 11     | 6      | 17,6   | 16,0    | 25      | 47     | 9,0     | 80    |
| J.12HRFID | 12     | 6      | 17,6   | 17,2    | 25      | 47     | 9,5     | 80    |
| J.13HRFID | 13     | 6      | 17,4   | 18,3    | 25      | 50     | 10,4    | 90    |
| J.14HRFID | 14     | 6      | 17,6   | 19,5    | 25      | 50     | 10,5    | 85    |
| J.15HRFID | 15     | 6      | 18,9   | 20,8    | 25      | 50     | 12,0    | 90    |
| J.16HRFID | 16     | 6      | 19,9   | 22,0    | 25      | 50     | 12,0    | 95    |
| J.17HRFID | 17     | 6      | 21,7   | 23,4    | 25      | 50     | 13,0    | 105   |
| J.18HRFID | 18     | 6      | 21,7   | 24,7    | 25      | 53     | 13,0    | 120   |
| J.19HRFID | 19     | 6      | 22,7   | 26,0    | 25      | 53     | 14,0    | 115   |
| J.21HRFID | 21     | 6      | 23,5   | 28,5    | 25      | 53     | 16,0    | 125   |
| J.22HRFID | 22     | 6      | 24,7   | 29,7    | 25      | 53     | 16,5    | 130   |
| J.24HRFID | 24     | 6      | 26,3   | 31,3    | 25      | 53     | 16,5    | 140   |

J - 3/8" inch 12-point sockets - RFID

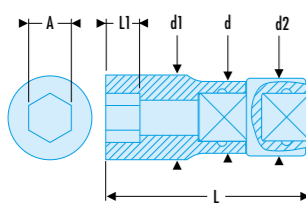


ASME B107.10

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- OGV® profile: more powerful tightening, preserves fasteners.
- Dimensions in inches: from 1/4" to 1".
- Finish: bright chrome.

| ➤           | A ["] | ⌀ [mm] | d [mm] | d1 [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ[g] |
|-------------|-------|--------|--------|---------|---------|--------|---------|-------|
| J.1/4RFID   | 1/4   | 12     | 17,5   | 10,0    | 25      | 47     | 6,0     | 75    |
| J.5/16RFID  | 5/16  | 12     | 17,5   | 11,9    | 25      | 47     | 6,5     | 75    |
| J.3/8RFID   | 3/8   | 12     | 17,6   | 14,1    | 25      | 47     | 7,5     | 80    |
| J.7/16RFID  | 7/16  | 12     | 17,5   | 16,0    | 25      | 47     | 9,0     | 80    |
| J.1/2RFID   | 1/2   | 12     | 17,5   | 18,1    | 25      | 50     | 10,4    | 90    |
| J.9/16RFID  | 9/16  | 12     | 17,7   | 19,5    | 25      | 50     | 10,5    | 85    |
| J.5/8RFID   | 5/8   | 12     | 20,0   | 22,0    | 25      | 50     | 12,0    | 100   |
| J.11/16RFID | 11/16 | 12     | 21,0   | 24,0    | 25      | 53     | 13,0    | 125   |
| J.3/4RFID   | 3/4   | 12     | 22,7   | 26,0    | 25      | 53     | 14,0    | 130   |
| J.13/16RFID | 13/16 | 12     | 23,0   | 28,0    | 25      | 53     | 16,0    | 130   |
| J.7/8RFID   | 7/8   | 12     | 24,7   | 29,7    | 25      | 53     | 16,5    | 155   |
| J.15/16RFID | 15/16 | 12     | 26,3   | 31,3    | 25      | 53     | 16,5    | 190   |
| J.1PRFID    | 1     | 12     | 28,3   | 33,3    | 25      | 53     | 16,5    | 210   |

J - 3/8" metric 12-point sockets - RFID



NF ISO 1711-1, ISO 1711-1

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- OGV® profile: more powerful tightening, preserves fasteners.
- Metric dimensions : from 7 to 24 mm.
- Finish: bright chrome.

| ➤        | A [mm] | ⌀ [mm] | d [mm] | d1 [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ[g] |
|----------|--------|--------|--------|---------|---------|--------|---------|-------|
| J.7RFID  | 7      | 12     | 17,6   | 11,0    | 25      | 47     | 6,0     | 75    |
| J.8RFID  | 8      | 12     | 17,6   | 12,2    | 25      | 47     | 6,5     | 75    |
| J.9RFID  | 9      | 12     | 17,6   | 13,5    | 25      | 47     | 6,7     | 75    |
| J.10RFID | 10     | 12     | 17,6   | 14,7    | 25      | 47     | 7,8     | 80    |
| J.11RFID | 11     | 12     | 17,6   | 16,0    | 25      | 47     | 9,0     | 80    |
| J.12RFID | 12     | 12     | 17,6   | 17,2    | 25      | 47     | 9,5     | 80    |
| J.13RFID | 13     | 12     | 17,5   | 18,3    | 25      | 50     | 10,4    | 90    |
| J.14RFID | 14     | 12     | 17,7   | 19,5    | 25      | 50     | 10,5    | 85    |
| J.15RFID | 15     | 12     | 19,0   | 20,8    | 25      | 50     | 12,0    | 90    |
| J.16RFID | 16     | 12     | 20,0   | 22,0    | 25      | 50     | 12,0    | 95    |
| J.17RFID | 17     | 12     | 21,7   | 23,4    | 25      | 50     | 13,0    | 105   |
| J.18RFID | 18     | 12     | 21,7   | 24,7    | 25      | 53     | 13,0    | 120   |
| J.19RFID | 19     | 12     | 22,7   | 26,0    | 25      | 53     | 14,0    | 115   |
| J.21RFID | 21     | 12     | 23,5   | 28,5    | 25      | 53     | 16,0    | 125   |
| J.22RFID | 22     | 12     | 24,7   | 29,7    | 25      | 53     | 16,5    | 130   |
| J.24RFID | 24     | 12     | 26,3   | 31,3    | 25      | 53     | 16,5    | 140   |

J.HLA - 3/8" long-reach metric 6-point sockets - RFID



NF ISO 1711-1, ISO 1711-1

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- OGV® profile: more powerful tightening, preserves fasteners.
- Long-reach sockets for long recess or thread access.
- Metric dimensions : from 7 to 24 mm.
- Finish: bright chrome.

| ➤           | A [mm] | ⌀ [mm] | d [mm] | d1 [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ[g] |
|-------------|--------|--------|--------|---------|---------|--------|---------|-------|
| J.7HLARFID  | 7      | 6      | 17,3   | 10,6    | 25      | 75     | 6,0     | 95    |
| J.8HLARFID  | 8      | 6      | 17,3   | 12,0    | 25      | 75     | 7,5     | 100   |
| J.9HLARFID  | 9      | 6      | 17,3   | 13,0    | 25      | 75     | 7,5     | 100   |
| J.10HLARFID | 10     | 6      | 17,3   | 14,5    | 25      | 75     | 9,0     | 100   |
| J.11HLARFID | 11     | 6      | 17,3   | 16,0    | 25      | 75     | 10,5    | 105   |
| J.12HLARFID | 12     | 6      | 17,2   | 16,8    | 25      | 75     | 12,0    | 105   |
| J.13HLARFID | 13     | 6      | 17,0   | 18,0    | 25      | 75     | 12,0    | 105   |
| J.14HLARFID | 14     | 6      | 18,0   | 20,0    | 25      | 75     | 15,0    | 110   |
| J.15HLARFID | 15     | 6      | 20,0   | 21,0    | 25      | 80     | 15,0    | 125   |
| J.16HLARFID | 16     | 6      | 20,0   | 22,0    | 25      | 80     | 15,0    | 135   |
| J.17HLARFID | 17     | 6      | 22,0   | 23,5    | 25      | 80     | 15,0    | 155   |
| J.18HLARFID | 18     | 6      | 23,0   | 24,5    | 25      | 80     | 18,0    | 160   |
| J.19HLARFID | 19     | 6      | 24,0   | 25,0    | 25      | 80     | 18,0    | 160   |
| J.21HLARFID | 21     | 6      | 26,0   | 27,0    | 25      | 80     | 18,0    | 175   |
| J.22HLARFID | 22     | 6      | 28,0   | 29,0    | 25      | 80     | 21,0    | 200   |
| J.24HLARFID | 24     | 6      | 30,0   | 31,0    | 25      | 80     | 24,0    | 230   |

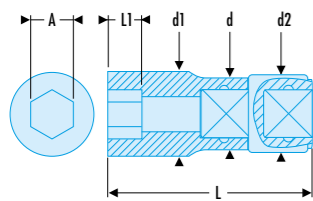


RFID 3/8" range

RFID 3/8" range - RFID Standard 1/2" range

RFID Ratchets - Sockets

J.LA - 3/8" long-reach metric 12-point sockets - RFID

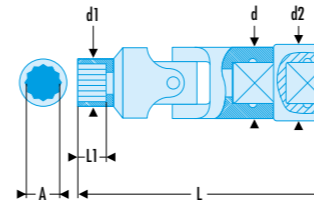


NF ISO 1711-1, ISO 1711-1

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- OGV® profile: more powerful tightening, preserves fasteners.
- Long-reach sockets for long recess or thread access.
- Metric dimensions : from 7 to 24 mm.
- Finish: bright chrome.

| RFID       | A [mm] | ⌀ [mm] | d [mm] | d1 [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|------------|--------|--------|--------|---------|---------|--------|---------|--------|
| J.7LARFID  | 7      | 12     | 17,3   | 10,6    | 25      | 75     | 6,0     | 95     |
| J.8LARFID  | 8      | 12     | 17,3   | 12,0    | 25      | 75     | 7,5     | 100    |
| J.9LARFID  | 9      | 12     | 17,3   | 13,0    | 25      | 75     | 7,5     | 100    |
| J.10LARFID | 10     | 12     | 17,3   | 14,5    | 25      | 75     | 9,0     | 100    |
| J.11LARFID | 11     | 12     | 17,3   | 16,0    | 25      | 75     | 10,5    | 105    |
| J.12LARFID | 12     | 12     | 17,3   | 16,8    | 25      | 75     | 12,0    | 105    |
| J.13LARFID | 13     | 12     | 17,2   | 18,0    | 25      | 75     | 12,0    | 105    |
| J.14LARFID | 14     | 12     | 17     | 20,0    | 25      | 75     | 15,0    | 110    |
| J.15LARFID | 15     | 12     | 18     | 21,0    | 25      | 75     | 15,0    | 125    |
| J.16LARFID | 16     | 12     | 20     | 22,0    | 25      | 80     | 15,0    | 135    |
| J.17LARFID | 17     | 12     | 20     | 23,5    | 25      | 80     | 15,0    | 155    |
| J.18LARFID | 18     | 12     | 22     | 24,5    | 25      | 80     | 18,0    | 160    |
| J.19LARFID | 19     | 12     | 23     | 25,0    | 25      | 80     | 18,0    | 160    |
| J.21LARFID | 21     | 12     | 24     | 27,0    | 25      | 80     | 18,0    | 175    |
| J.22LARFID | 22     | 12     | 26     | 29,0    | 25      | 80     | 21,0    | 200    |
| J.24LARFID | 24     | 12     | 30     | 31,0    | 25      | 80     | 21,0    | 230    |

J.F - 3/8" drive hinged inch 12-point sockets RFID

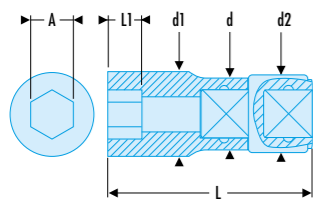


ASME B107.10

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- OGV® profile: more powerful tightening, preserves fasteners.
- Compact solution used instead of universal joint.
- Dimensions in inches: from 3/8" to 3/4".
- Finish: bright chrome.

| RFID         | A ["] | ⌀ [mm] | d [mm] | d1 [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|--------------|-------|--------|--------|---------|---------|--------|---------|--------|
| J.3/8FRFID   | 3/8   | 12     | 19     | 14,0    | 25      | 67,5   | 8,3     | 105    |
| J.7/16FRFID  | 7/16  | 12     | 19     | 15,8    | 25      | 70,5   | 9,8     | 110    |
| J.1/2FRFID   | 1/2   | 12     | 19     | 18,3    | 25      | 69     | 11,3    | 105    |
| J.9/16FRFID  | 9/16  | 12     | 19     | 19,5    | 25      | 70,5   | 11,3    | 110    |
| J.5/8FRFID   | 5/8   | 12     | 19     | 22,00   | 25      | 73,5   | 12,8    | 120    |
| J.11/16FRFID | 11/16 | 12     | 19     | 24,00   | 25      | 74,5   | 13,8    | 125    |
| J.3/4FRFID   | 3/4   | 12     | 19     | 25,8    | 25      | 76,5   | 15,8    | 130    |

J.LA - 3/8" inch 12-point sockets - RFID



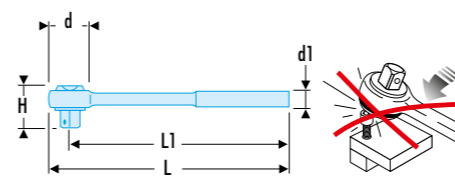
ASME B107.10

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- OGV® profile: more powerful tightening, preserves fasteners.
- Long-reach sockets for long recess or thread access.
- Dimensions in inches: from 1/4" to 1".
- Finish: bright chrome.

| RFID          | A ["] | ⌀ [mm] | d [mm] | d1 [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|---------------|-------|--------|--------|---------|---------|--------|---------|--------|
| J.1/4LARFID   | 1/4   | 12     | 17,5   | 10,6    | 25      | 64,7   | 4,0     | 90     |
| J.5/16LARFID  | 5/16  | 12     | 17,5   | 12,4    | 25      | 64,7   | 4,3     | 90     |
| J.3/8LARFID   | 3/8   | 12     | 17,5   | 14,3    | 25      | 64,7   | 4,7     | 95     |
| J.7/16LARFID  | 7/16  | 12     | 17,5   | 16,2    | 25      | 64,7   | 6,2     | 95     |
| J.1/2LARFID   | 1/2   | 12     | 18,2   | 18,2    | 25      | 64,7   | 7,4     | 100    |
| J.9/16LARFID  | 9/16  | 12     | 20,5   | 20,5    | 25      | 68     | 9,0     | 125    |
| J.5/8LARFID   | 5/8   | 12     | 22,3   | 22,3    | 25      | 83,8   | 10,2    | 155    |
| J.11/16LARFID | 11/16 | 12     | 23,8   | 23,8    | 25      | 83,8   | 10,2    | 165    |
| J.3/4LARFID   | 3/4   | 12     | 25,3   | 25,3    | 25      | 83,8   | 11,8    | 170    |
| J.13/16LARFID | 13/16 | 12     | 27,0   | 27,0    | 25      | 83,8   | 12,3    | 190    |
| J.7/8LARFID   | 7/8   | 12     | 30,2   | 30,2    | 25      | 83,8   | 12,7    | 235    |
| J.15/16LARFID | 15/16 | 12     | 31,8   | 31,8    | 25      | 83,8   | 12,7    | 235    |
| J.1PLARFID    | 1     | 12     | 33,4   | 33,4    | 25      | 83,8   | 12,7    | 235    |

RFID Standard 1/2" range

1/2" maintenance free pear head ratchet - RFID

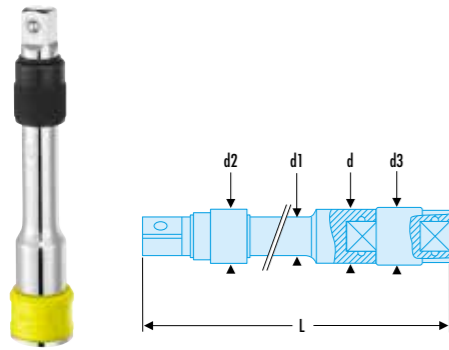


NF ISO 3315, ISO 3315, DIN 3122, ASME B107.10

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Dust proof, maintenance free mechanism.
- 72 teeth mechanism for 5° increments.
- Drive direction switch allows easy reversal even with gloved or greasy hands.
- Palm control system - allows the operator to press down on the head avoiding risk of accidental reverse.
- Ultra-compact head.
- Hook for hanging when working at height.
- Ergonomic comfort grip handle design resistant to workshop chemicals and solvents.

| RFID       | d [mm] | d1 [mm] | H [mm] | L [mm] | L1 [mm] | ΔΔ g |
|------------|--------|---------|--------|--------|---------|------|
| SL.171RFID | 37     | 32      | 37     | 262    | 245     | 470  |

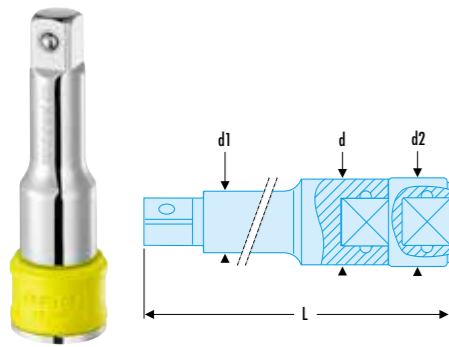
**S.RC - 1/2" drive locking extensions - RFID**



- NF ISO 3316, ISO 3316, DIN 3123, ASME B107.10**
- Tool with built-in RFID chip for workshop traceability.
  - Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
  - Radio frequency identification requires appropriate storage equipment.
  - Total safety as lock system prevents socket loss.
  - Safety and instant release, by retracting knurled ring, for total user confidence.
  - Positive locking for use with sockets with internal ball notch.
  - Finish: bright chrome with phosphate-hardened ring.

| RFID        | d [mm] | d1 [mm] | d2 [mm] | d3 [mm] | E [mm] | L [mm] | ΔΔ g |
|-------------|--------|---------|---------|---------|--------|--------|------|
| S.210RCRFID | 23     | 16,5    | 23      | 29      | 16,5   | 154    | 330  |
| S.215RCRFID | 23     | 16,5    | 23      | 29      | 16,5   | 274    | 530  |
| S.217RCRFID | 23     | 16,5    | 23      | 29      | 16,5   | 524    | 940  |

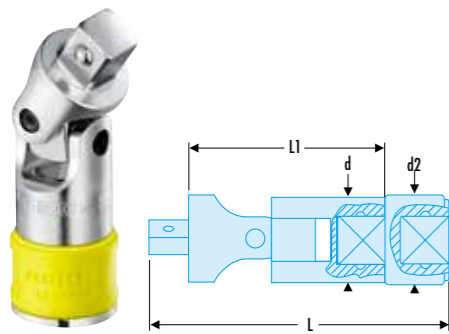
**S - 1/2" drive extensions - RFID**



- NF ISO 3316, ISO 3316, DIN 3123, ASME B107.10**
- Tool with built-in RFID chip for workshop traceability.
  - Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
  - Radio frequency identification requires appropriate storage equipment.
  - Finish: bright chrome.

| RFID      | d [mm] | d1 [mm] | d2 [mm] | L [mm] | ΔΔ g |
|-----------|--------|---------|---------|--------|------|
| S.206RFID | 23     | 16,5    | 29      | 549    | 170  |
| S.208RFID | 23     | 16,5    | 29      | 99     | 210  |

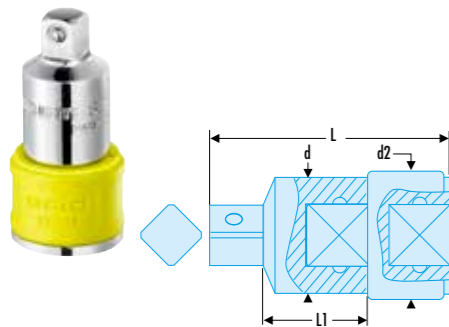
**1/2" universal joint - RFID**



- NF ISO 3316, ISO 3316, DIN 3123, ASME B107.10**
- Tool with built-in RFID chip for workshop traceability.
  - Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
  - Radio frequency identification requires appropriate storage equipment.
  - Spring-stiffened joint.
  - Stays in position when reaching for fasteners.
  - Significant time savings.
  - Finish: bright chrome.

| RFID       | d [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ g |
|------------|--------|---------|--------|---------|------|
| S.240ARFID | 23     | 29      | 90     | 51      | 240  |

**1/2" to 3/8" coupler - RFID**



- NF ISO 3316, ISO 3316, DIN 3123, ASME B107.10**
- Tool with built-in RFID chip for workshop traceability.
  - Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
  - Radio frequency identification requires appropriate storage equipment.
  - Double 3/8" coupler
  - Max torque: 212 N.m.
  - Finish: bright chrome.

| RFID      | d [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ g |
|-----------|--------|---------|--------|---------|------|
| S.230RFID | 23     | 29      | 57,5   | 23      | 135  |

**S.H - 1/2" metric 6-point sockets - RFID**



- NF ISO 1711-1, ISO 1711-1**
- Tool with built-in RFID chip for workshop traceability.
  - Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
  - Radio frequency identification requires appropriate storage equipment.
  - OGV® profile: more powerful tightening, preserves fasteners.
  - Metric dimensions : from 10 to 34 mm.
  - Finish: bright chrome.

| RFID      | A [mm] | Ø [mm] | d [mm] | d1 [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ g |
|-----------|--------|--------|--------|---------|---------|--------|---------|------|
| S.10HRFID | 10     | 6      | 22,8   | 15,3    | 29      | 60     | 7,8     | 130  |
| S.11HRFID | 11     | 6      | 22,8   | 16,5    | 29      | 60     | 9,0     | 135  |
| S.12HRFID | 12     | 6      | 22,8   | 17,8    | 29      | 60     | 9,5     | 135  |
| S.13HRFID | 13     | 6      | 22,8   | 18,9    | 29      | 60     | 10,4    | 135  |
| S.14HRFID | 14     | 6      | 22,8   | 20,2    | 29      | 60     | 10,5    | 140  |
| S.15HRFID | 15     | 6      | 22,8   | 21,4    | 29      | 60     | 12,0    | 140  |
| S.16HRFID | 16     | 6      | 21,6   | 22,6    | 29      | 60     | 12,0    | 140  |
| S.17HRFID | 17     | 6      | 23,1   | 24,1    | 29      | 60     | 13,0    | 145  |
| S.18HRFID | 18     | 6      | 23,4   | 25,5    | 29      | 60     | 13,0    | 150  |
| S.19HRFID | 19     | 6      | 24,6   | 26,6    | 29      | 60     | 14,0    | 150  |
| S.21HRFID | 21     | 6      | 25,1   | 29,1    | 29      | 62     | 16,0    | 175  |
| S.22HRFID | 22     | 6      | 26,4   | 30,4    | 29      | 62     | 16,5    | 185  |
| S.24HRFID | 24     | 6      | 28,7   | 32,7    | 29      | 62     | 16,5    | 210  |
| S.27HRFID | 27     | 6      | 29,2   | 36,6    | 29      | 68     | 19,0    | 220  |
| S.30HRFID | 30     | 6      | 33,0   | 40,4    | 29      | 68     | 20,0    | 285  |
| S.32HRFID | 32     | 6      | 35,1   | 42,6    | 29      | 68     | 20,0    | 295  |
| S.34HRFID | 34     | 6      | 37,5   | 44,9    | 29      | 68     | 20,0    | 320  |

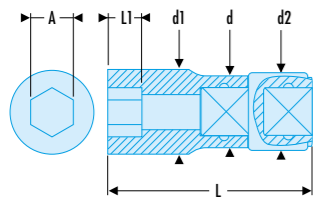
**S - 1/2" metric 12-point sockets - RFID**



- NF ISO 1711-1, ISO 1711-1**
- Tool with built-in RFID chip for workshop traceability.
  - Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
  - Radio frequency identification requires appropriate storage equipment.
  - OGV® profile: more powerful tightening, preserves fasteners.
  - Dimensions in inches: from 3/8" to 1 1/4".
  - Finish: bright chrome.

| RFID     | A [mm] | Ø [mm] | d [mm] | d1 [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ g |
|----------|--------|--------|--------|---------|---------|--------|---------|------|
| S.10RFID | 10     | 12     | 22,8   | 15,3    | 29      | 60     | 7,8     | 130  |
| S.11RFID | 11     | 12     | 22,8   | 16,5    | 29      | 60     | 9,0     | 135  |
| S.12RFID | 12     | 12     | 22,8   | 17,8    | 29      | 60     | 9,5     | 135  |
| S.13RFID | 13     | 12     | 22,8   | 18,9    | 29      | 60     | 10,4    | 135  |
| S.14RFID | 14     | 12     | 22,8   | 20,2    | 29      | 60     | 10,5    | 140  |
| S.15RFID | 15     | 12     | 22,8   | 21,4    | 29      | 60     | 12,0    | 140  |
| S.16RFID | 16     | 12     | 21,6   | 22,6    | 29      | 60     | 12,0    | 140  |
| S.17RFID | 17     | 12     | 23,1   | 24,1    | 29      | 60     | 13,0    | 145  |
| S.18RFID | 18     | 12     | 23,4   | 25,4    | 29      | 60     | 13,0    | 150  |
| S.19RFID | 19     | 12     | 24,6   | 26,6    | 29      | 60     | 14,0    | 150  |
| S.21RFID | 21     | 12     | 25,1   | 29,1    | 29      | 62     | 16,0    | 175  |
| S.22RFID | 22     | 12     | 26,4   | 30,4    | 29      | 62     | 16,5    | 185  |
| S.24RFID | 24     | 12     | 28,7   | 32,7    | 29      | 62     | 16,5    | 210  |
| S.27RFID | 27     | 12     | 29,2   | 36,6    | 29      | 68     | 19,0    | 225  |
| S.30RFID | 30     | 12     | 33,0   | 40,4    | 29      | 68     | 20,0    | 265  |
| S.32RFID | 32     | 12     | 35,1   | 42,5    | 29      | 68     | 20,0    | 280  |
| S.34RFID | 34     | 12     | 37,5   | 44,9    | 29      | 68     | 20,0    | 305  |

S - 1/2" inch 12-point sockets - RFID

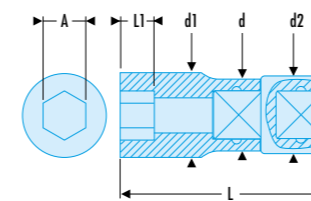


ASME B107.1

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- OGV® profile: more powerful tightening, preserves fasteners.
- Long-reach sockets for long recess or thread access.
- Metric dimensions: from 12 to 32 mm.
- Finish: bright chrome.

| Part No.     | A ["]  | ⌀ [mm] | d [mm] | d1 [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|--------------|--------|--------|--------|---------|---------|--------|---------|--------|
| S.3/8RFID    | 3/8    | 12     | 22,8   | 14,7    | 29      | 60     | 7,8     | 130    |
| S.7/16RFID   | 7/16   | 12     | 22,8   | 16,5    | 29      | 60     | 9,0     | 135    |
| S.1/2RFID    | 1/2    | 12     | 22,8   | 18,9    | 29      | 60     | 10,4    | 135    |
| S.9/16RFID   | 9/16   | 12     | 22,8   | 20,2    | 29      | 60     | 10,5    | 140    |
| S.19/32RFID  | 19/32  | 12     | 22,8   | 21,4    | 29      | 60     | 12,0    | 140    |
| S.5/8RFID    | 5/8    | 12     | 21,6   | 22,6    | 29      | 60     | 12,0    | 145    |
| S.21/32RFID  | 21/32  | 12     | 23,1   | 24,1    | 29      | 60     | 13,0    | 145    |
| S.11/16RFID  | 11/16  | 12     | 22,6   | 24,6    | 29      | 60     | 13,0    | 155    |
| S.3/4RFID    | 3/4    | 12     | 25,0   | 27,0    | 29      | 60     | 14,0    | 150    |
| S.25/32RFID  | 25/32  | 12     | 25,9   | 27,9    | 29      | 60     | 14,0    | 155    |
| S.13/16RFID  | 13/16  | 12     | 24,6   | 28,6    | 29      | 62     | 16,0    | 180    |
| S.7/8RFID    | 7/8    | 12     | 26,4   | 30,4    | 29      | 62     | 16,5    | 180    |
| S.15/16RFID  | 15/16  | 12     | 28,7   | 32,7    | 29      | 62     | 16,5    | 215    |
| S.31/32RFID  | 31/32  | 12     | 27,7   | 34,1    | 29      | 62     | 16,5    | 215    |
| S.1PRFID     | 1      | 12     | 28,3   | 34,7    | 29      | 62     | 16,5    | 225    |
| S.1P1/16RFID | 1 1/16 | 12     | 29,2   | 36,6    | 29      | 68     | 19,0    | 230    |
| S.1P1/8RFID  | 1 1/8  | 12     | 31,3   | 38,7    | 29      | 68     | 20,0    | 250    |
| S.1P3/16RFID | 1 3/16 | 12     | 33,0   | 40,4    | 29      | 68     | 20,0    | 265    |
| S.1P1/4RFID  | 1 1/4  | 12     | 35,1   | 42,5    | 29      | 68     | 20,0    | 285    |

S.LA - 1/2" long-reach metric 12-point sockets - RFID

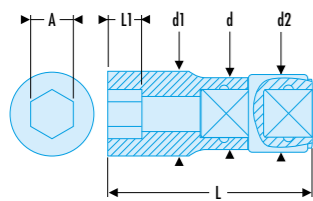


NF ISO 1711-1, ISO 1711-1

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- OGV® profile: more powerful tightening, preserves fasteners.
- Long-reach sockets for long recess or thread access.
- Dimensions in inches: from 1/2" to 1 1/4".
- Finish: bright chrome.

| Part No.   | A [mm] | ⌀ [mm] | d [mm] | d1 [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|------------|--------|--------|--------|---------|---------|--------|---------|--------|
| S.12LARFID | 12     | 12     | 21,0   | 17,8    | 29      | 101    | 12      | 185    |
| S.13LARFID | 13     | 12     | 21,8   | 19,0    | 29      | 101    | 12      | 195    |
| S.14LARFID | 14     | 12     | 21,8   | 20,3    | 29      | 101    | 15      | 205    |
| S.15LARFID | 15     | 12     | 21,8   | 21,5    | 29      | 101    | 15      | 205    |
| S.16LARFID | 16     | 12     | 22,0   | 22,8    | 29      | 101    | 15      | 215    |
| S.17LARFID | 17     | 12     | 23,0   | 24,0    | 29      | 101    | 15      | 225    |
| S.18LARFID | 18     | 12     | 24,0   | 25,0    | 29      | 101    | 18      | 240    |
| S.19LARFID | 19     | 12     | 25,0   | 26,5    | 29      | 101    | 18      | 260    |
| S.21LARFID | 21     | 12     | 27,0   | 29,0    | 29      | 101    | 18      | 290    |
| S.22LARFID | 22     | 12     | 28,0   | 30,0    | 29      | 101    | 21      | 295    |
| S.24LARFID | 24     | 12     | 30,0   | 32,8    | 29      | 101    | 24      | 335    |
| S.27LARFID | 27     | 12     | 33,0   | 36,5    | 29      | 101    | 27      | 395    |
| S.30LARFID | 30     | 12     | 36,0   | 40,0    | 29      | 101    | 30      | 445    |
| S.32LARFID | 32     | 12     | 36,0   | 42,8    | 29      | 101    | 33      | 495    |

S.HLA - 1/2" long-reach metric 6-point sockets - RFID

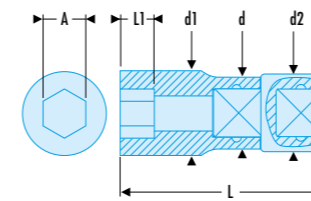


NF ISO 1711-1, ISO 1711-1

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- OGV® profile: more powerful tightening, preserves fasteners.
- Long-reach sockets for long recess or thread access.
- Metric dimensions : from 12 to 32 mm.
- Finish: bright chrome.

| Part No.    | A [mm] | ⌀ [mm] | d [mm] | d1 [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|-------------|--------|--------|--------|---------|---------|--------|---------|--------|
| S.12HLARFID | 12     | 6      | 21     | 17,8    | 29      | 101    | 12      | 185    |
| S.13HLARFID | 13     | 6      | 21,8   | 19,0    | 29      | 101    | 12      | 195    |
| S.14HLARFID | 14     | 6      | 21,8   | 20,3    | 29      | 101    | 15      | 200    |
| S.15HLARFID | 15     | 6      | 21,8   | 21,5    | 29      | 101    | 15      | 205    |
| S.16HLARFID | 16     | 6      | 22,0   | 22,8    | 29      | 101    | 15      | 210    |
| S.17HLARFID | 17     | 6      | 23,0   | 24,0    | 29      | 101    | 15      | 220    |
| S.18HLARFID | 18     | 6      | 24,0   | 25,0    | 29      | 101    | 18      | 240    |
| S.19HLARFID | 19     | 6      | 25,0   | 26,5    | 29      | 101    | 18      | 240    |
| S.21HLARFID | 21     | 6      | 27,0   | 29,0    | 29      | 101    | 18      | 280    |
| S.22HLARFID | 22     | 6      | 28,0   | 30,0    | 29      | 101    | 21      | 295    |
| S.24HLARFID | 24     | 6      | 30,0   | 32,8    | 29      | 101    | 24      | 335    |
| S.27HLARFID | 27     | 6      | 33,0   | 36,5    | 29      | 101    | 27      | 390    |
| S.30HLARFID | 30     | 6      | 36,0   | 40,0    | 29      | 101    | 30      | 435    |
| S.32HLARFID | 32     | 6      | 38,0   | 42,8    | 29      | 101    | 33      | 490    |

S.LA - 1/2" inch 12-point sockets - RFID



ASME B107.1

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Factory accuracy: ± 2% except:
  - R.306-25DRFID (± 4%).
  - R.304DARFID (± 6%).
- Reliability of mechanism: 50,000 cycles (wrenches up to 200 N.m).
- Use possible with accessories: End fitting: 9 x 12 or 14 x 18 mm.
- One-way wrenches usable for unscrewing by reversing the bits.
- Numbered wrenches supplied with ISO 6789 calibration certificate.

| Part No.       | A ["]  | ⌀ [mm] | d [mm] | d1 [mm] | d2 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|----------------|--------|--------|--------|---------|---------|--------|---------|--------|
| S.1/2LARFID    | 1/2    | 12     | 22,3   | 19,0    | 29      | 106,2  | 8,1     | 215    |
| S.9/16LARFID   | 9/16   | 12     | 22,3   | 20,6    | 29      | 106,2  | 9,6     | 220    |
| S.5/8LARFID    | 5/8    | 12     | 22,3   | 22,3    | 29      | 106,2  | 10,9    | 230    |
| S.11/16LARFID  | 11/16  | 12     | 24,4   | 24,4    | 29      | 106,2  | 10,9    | 240    |
| S.3/4LARFID    | 3/4    | 12     | 26,9   | 26,9    | 29      | 106,2  | 12,4    | 245    |
| S.13/16LARFID  | 13/16  | 12     | 28,7   | 28,7    | 29      | 106,2  | 12,9    | 255    |
| S.7/8LARFID    | 7/8    | 12     | 30,2   | 30,2    | 29      | 106,2  | 14,0    | 280    |
| S.15/16LARFID  | 15/16  | 12     | 31,7   | 31,7    | 29      | 106,2  | 15,0    | 305    |
| S.1PLARFID     | 1      | 12     | 33,3   | 33,3    | 29      | 106,2  | 15,2    | 335    |
| S.1P1/16LARFID | 1 1/16 | 12     | 36,5   | 36,5    | 29      | 106,2  | 16,0    | 400    |
| S.1P1/8LARFID  | 1 1/8  | 12     | 38,1   | 38,1    | 29      | 106,2  | 16,7    | 430    |
| S.1P1/4LARFID  | 1 1/4  | 12     | 42,9   | 42,9    | 29      | 106,2  | 16,7    | 510    |

RFID "High performance" click wrenches

Accessories pneumatic tools

RFID Torque wrenches

RFID "High performance" click wrenches



NF EN ISO 6789, ISO 6789, DIN EN ISO 6789

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Factory accuracy: ± 6%. - Reliability of mechanism: 50,000 cycles.
- Compact wrench for confined access. - Ratchet with 72 teeth (5°) for use with sockets.
- One-way wrench. - Numbered wrench supplied with ISO 6789 calibration certificate.

| RFID           | Capacity [N.m] | Attachment | Graduation [N.m] | L [mm] | ΔΔ [kg] |
|----------------|----------------|------------|------------------|--------|---------|
| R.304DARFID    | 1 - 5          | 9 x 12     | 0,05             | 211,5  | 0,35    |
| R.306-25DRFID  | 5 - 25         | 9 x 12     | 0,10             | 271    | 0,51    |
| J.306-50DRFID  | 10 - 50        | 9 x 12     | 1,00             | 357    | 0,96    |
| S.306-100DRFID | 20 - 100       | 9 x 12     | 1,00             | 437    | 1,07    |
| S.306-200DRFID | 40 - 200       | 14 x 18    | 1,00             | 515    | 1,28    |
| S.306-350DRFID | 70 - 350       | 14 x 18    | 2,00             | 725    | 1,81    |

R-J.306U - Click wrenches with dual lbf.in and N.m graduation - RFID



NF EN ISO 6789, ISO 6789, DIN EN ISO 6789

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Ability to keep the wrench parallel with the tightening plane.
- Use with 3/8" and 1/2" ratchets and drive squares.
- Max diam. size: 45 mm.
- Length: 66 mm.
- Weight: 130 g.

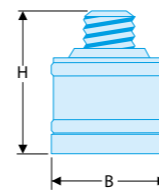
| RFID       | Capacity [lbf.in] | Attachment | Graduation [lbf.in] | Square ["] | L [mm] | ΔΔ [kg] |
|------------|-------------------|------------|---------------------|------------|--------|---------|
| R.306URFID | 40 - 200          | 9 x 12     | 1                   | 1/4        | 303,7  | 0,52    |
| J.306URFID | 200 - 1000        | 9 x 12     | 5                   | 3/8        | 397    | 1,11    |

S.305PRFID Swivel handle - RFID



- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.

RFID adapters for pneumatic tools



- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- The ideal accessory for the traceability of your pneumatic tools.
- Easy to implement, the chip is protected under the plastic cover.

| RFID          | Threading | H [mm] | B [mm] |
|---------------|-----------|--------|--------|
| N.12-PT-RFID  | 1/2"      | 49,8   | 30,5   |
| N.14-PT-RFID  | 1/4"      | 38,2   | 30     |
| N.38-PT-RFID  | 3/8"      | 45,8   | 30     |
| N.12-NPT-RFID | 1/2"      | 49,8   | 30,5   |
| N.14-NPT-RFID | 1/4"      | 38,2   | 30     |
| N.18-NPT-RFID | 1/8"      | 36,2   | 30     |
| N.38-NPT-RFID | 3/8"      | 45,8   | 30     |

"Low torque" click wrench with fixed ratchet - RFID



NF EN ISO 6789, ISO 6789, DIN EN ISO 6789

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Factory accuracy: ± 2%. - Reliability of mechanism: 50,000 cycles.
- Click wrenches with dual lbf.in and N.m graduation. - Full metal wrenches with knurled handle.
- Reversible model. - Numbered wrenches supplied with ISO 6789 calibration certificate.

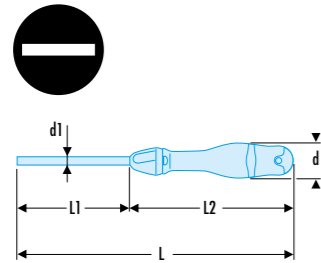
| RFID        | Capacity [N.m] | Graduation [N.m] | Square ["] | L [mm] | ΔΔ [kg] |
|-------------|----------------|------------------|------------|--------|---------|
| R.306-5RFID | 1 - 5          | 0,05             | 1/4        | 215    | 0,36    |

RFID PROTWIST® screwdrivers

RFID PROTWIST® screwdrivers

RFID Screwdrivers

AN-AW - PROTWIST® screwdrivers for slotted head screws - RFID

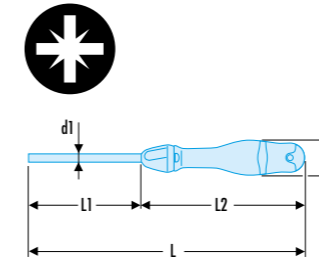


NF ISO 2380-1, NF ISO 2380-2, ISO 2380-1, ISO 2380-2, DIN ISO 2380-1, DIN ISO 2380-2, ASME B107.600

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.

| RFID           | A [mm] | E [mm] | d [mm] | d2 [mm] | L [mm] | L1 [mm] | L2 [mm] | ΔΔ [g] |
|----------------|--------|--------|--------|---------|--------|---------|---------|--------|
| AN2X75FRFID    | 2,0    | 0,4    | 19     | 2,0     | 169    | 58      | 94      | 60     |
| AN2.5X75FRFID  | 2,5    | 0,4    | 19     | 2,5     | 169    | 58      | 94      | 65     |
| AN3X100FRFID   | 3,0    | 0,5    | 25     | 3,0     | 203    | 83      | 103     | 75     |
| AN3.5X100FRFID | 3,5    | 0,6    | 25     | 3,5     | 203    | 82      | 103     | 85     |
| AN4X100FRFID   | 4,0    | 0,8    | 30     | 4,0     | 209    | 82      | 109     | 90     |
| AN4X150FRFID   | 4,0    | 0,8    | 30     | 4,0     | 259    | 132     | 109     | 95     |
| AN5.5X150FRFID | 5,5    | 1,0    | 30     | 5,5     | 259    | 132     | 109     | 135    |
| AN6.5X150FRFID | 6,5    | 1,2    | 36     | 6,5     | 270    | 131     | 120     | 180    |
| AW8X150FRFID   | 8      | 1,2    | 40     | 7       | 275    | 131     | 125     | 260    |
| AW10X200FRFID  | 10     | 1,6    | 40     | 9       | 325    | 181     | 125     | 295    |

AND - PROTWIST® screwdrivers for Pozidriv® screws - RFID

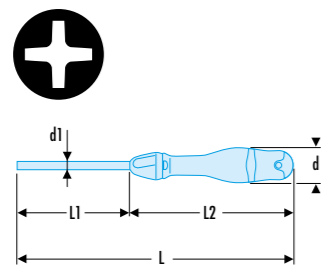


NF ISO 2380-1, NF ISO 2380-2, ISO 2380-1, ISO 2380-2, DIN ISO 2380-1, DIN ISO 2380-2, ASME B107.600

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Compliant with Resistorx® specifications.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed blade.

| RFID          | Phillips [No] | d [mm] | d2 [mm] | L [mm] | L1 [mm] | L2 [mm] | ΔΔ [g] |
|---------------|---------------|--------|---------|--------|---------|---------|--------|
| AND0X75FRFID  | PZ0           | 25     | 3,0     | 178    | 57      | 103     | 85     |
| AND1X100FRFID | PZ1           | 30     | 4,5     | 209    | 82      | 109     | 120    |
| AND1X250FRFID | PZ1           | 30     | 4,5     | 359    | 232     | 109     | 140    |
| AND2X125FRFID | PZ2           | 36     | 6,0     | 245    | 106     | 120     | 170    |
| AND2X250FRFID | PZ2           | 36     | 6,0     | 370    | 231     | 120     | 195    |
| AND3X150FRFID | PZ3           | 40     | 8,0     | 275    | 131     | 125     | 235    |
| AND1X35FRFID  | PZ1           | 36     | 4,5     | 91     | 25      | 56      | 70     |
| AND2X35FRFID  | PZ2           | 36     | 6,0     | 91     | 25      | 56      | 75     |

ANP - PROTWIST® screwdrivers for Phillips® screws - RFID

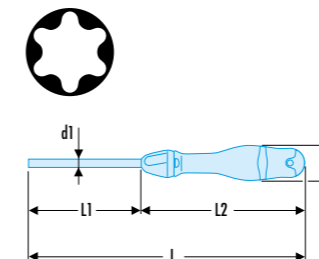


NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed round blade.

| RFID          | Phillips [No] | d [mm] | d2 [mm] | L [mm] | L1 [mm] | L2 [mm] | ΔΔ [g] |
|---------------|---------------|--------|---------|--------|---------|---------|--------|
| ANP0X75FRFID  | PH0           | 25     | 3,0     | 178    | 57      | 103     | 85     |
| ANP1X100FRFID | PH1           | 30     | 4,5     | 209    | 82      | 109     | 120    |
| ANP1X250FRFID | PH1           | 30     | 4,5     | 359    | 232     | 109     | 140    |
| ANP2X125FRFID | PH2           | 36     | 6,0     | 245    | 106     | 120     | 170    |
| ANP2X250FRFID | PH2           | 36     | 6,0     | 370    | 231     | 120     | 195    |
| ANP2X400FRFID | PH2           | 36     | 6,0     | 520    | 381     | 120     | 230    |
| ANP3X150FRFID | PH3           | 40     | 8,0     | 275    | 131     | 125     | 235    |
| ANP1X35FRFID  | PH1           | 36     | 4,5     | 91     | 25      | 56      | 70     |
| ANP2X35FRFID  | PH2           | 36     | 6,0     | 91     | 25      | 56      | 75     |

ANXR - PROTWIST® screwdrivers for Resistorx® screws - RFID



- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Bi-material grip resists to impacts, abrasion, and chemicals.

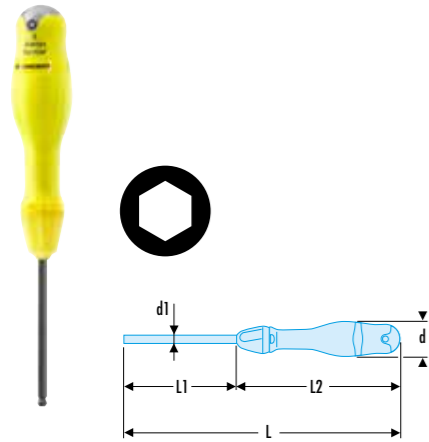
| RFID            | A [mm] | Resistorx [No] | d [mm] | d2 [mm] | L [mm] | L1 [mm] | L2 [mm] | ΔΔ [g] |
|-----------------|--------|----------------|--------|---------|--------|---------|---------|--------|
| ANXR10X75FRFID  | 2,74   | TT10           | 25     | 3,0     | 184    | 57      | 109     | 90     |
| ANXR15X75FRFID  | 3,26   | TT15           | 30     | 3,5     | 185    | 57      | 110     | 105    |
| ANXR20X100FRFID | 3,84   | TT20           | 36     | 4,0     | 220    | 81      | 120     | 110    |
| ANXR25X100FRFID | 4,40   | TT25           | 36     | 5,0     | 220    | 81      | 120     | 155    |
| ANXR27X100FRFID | 4,96   | TT27           | 36     | 5,5     | 220    | 81      | 120     | 155    |
| ANXR30X125FRFID | 5,49   | TT30           | 36     | 6,0     | 245    | 106     | 120     | 170    |
| ANXR40X150FRFID | 6,60   | TT40           | 40     | 7,0     | 275    | 131     | 125     | 215    |

RFID PROTWIST® hexagonal key - RFID Insulated screwdrivers

RFID Insulated screwdrivers - RFID Hexagon keys

RFID Screwdrivers

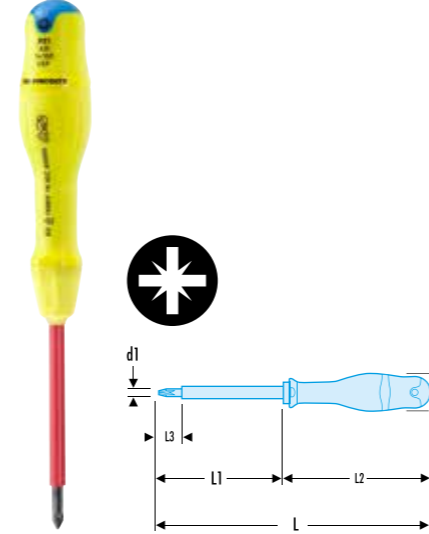
AWSH.F - PROTWIST® handle hexagonal key - spherical head - RFID



- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.

|                       | A [mm] | d [mm] | d2 [mm] | L [mm] | L1 [mm] | L2 [mm] | ΔΔ [g] |
|-----------------------|--------|--------|---------|--------|---------|---------|--------|
| <b>AWSH2X75RFID</b>   | 2      | 19     | 2,0     | 169    | 58      | 94      | 75     |
| <b>AWSH2.5X75RFID</b> | 2,5    | 19     | 2,5     | 169    | 58      | 94      | 75     |
| <b>AWSH3X75RFID</b>   | 3      | 19     | 3,0     | 169    | 58      | 94      | 75     |
| <b>AWSH4X75RFID</b>   | 4      | 25     | 4,0     | 178    | 57      | 103     | 85     |
| <b>AWSH5X100RFID</b>  | 5      | 30     | 5,0     | 208    | 82      | 109     | 120    |
| <b>AWSH6X100RFID</b>  | 6      | 36     | 6,0     | 220    | 81      | 120     | 160    |
| <b>AWSH8X100RFID</b>  | 8      | 36     | 8,0     | 220    | 81      | 120     | 220    |

AD.VE - PROTWIST® 1,000 Volt insulated screwdrivers for Pozidriv® head screws - RFID



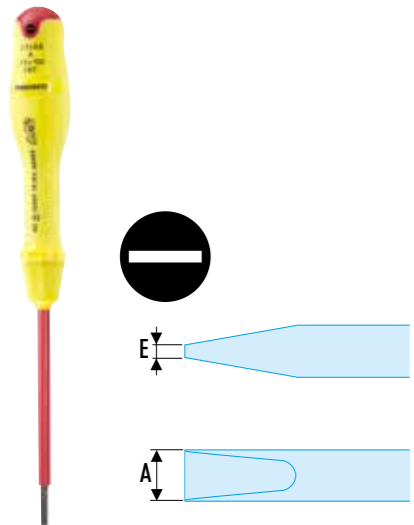
NF ISO 8764-1, NF ISO 8764-2, NF EN 60900, ISO 8764-1, ISO 8764-2, EN 60900, DIN ISO 8764-1, DIN ISO 8764-2, DIN EN 60900, ASME B107.600

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Very compact sleeve.
- Positive grip.
- Keys on 90° end stop for tightening.
- Keys in silicon steel issued from series 82H.
- Finish: phosphate-coated.

|                      | Pozidriv [No] | d [mm] | d1 [mm] | L [mm] | L1 [mm] | L2 [mm] | L3 [mm] | ΔΔ [g] |
|----------------------|---------------|--------|---------|--------|---------|---------|---------|--------|
| <b>AD1X100VERFID</b> | PZ1           | 30     | 4,5     | 209    | 81,5    | 109     | 18      | 120    |
| <b>AD2X125VERFID</b> | PZ2           | 36     | 6,0     | 245    | 106     | 120     | 18      | 170    |

RFID Insulated screwdrivers

A.VE - PROTWIST® 1,000 Volt insulated screwdrivers for slotted-head screws - RFID



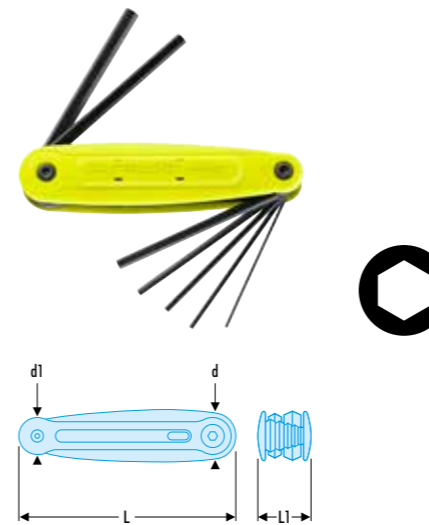
NF ISO 2380-1, NF ISO 2380-2, NF EN 60900, ISO 2380-1, ISO 2380-2, EN 60900, DIN ISO 2380-1, DIN ISO 2380-2, DIN EN 60900, ASME B107.600

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- For your safety, each screwdriver is tested individually at 10,000 Volt for 10 seconds, at the end of the manufacturing cycle.
- 1,000 Volt sheathed round blade.
- Bi-material grip resists to impacts, abrasion, and chemicals.

|                       | A [mm] | E [mm] | d [mm] | L [mm] | L1 [mm] | L2 [mm] | L3 [mm] | ΔΔ [g] |
|-----------------------|--------|--------|--------|--------|---------|---------|---------|--------|
| <b>A2X75VERFID</b>    | 2,0    | 0,4    | 19     | 170    | 58      | 95      | 18      | 65     |
| <b>A2.5X75VERFID</b>  | 2,5    | 0,4    | 25     | 178    | 58      | 103     | 18      | 75     |
| <b>A3X75VERFID</b>    | 3,0    | 0,5    | 25     | 178    | 58      | 103     | 18      | 80     |
| <b>A3.5X100VERFID</b> | 3,5    | 0,6    | 25     | 204    | 82      | 104     | 18      | 85     |
| <b>A4X100VERFID</b>   | 4,0    | 0,8    | 30     | 210    | 82      | 110     | 18      | 90     |
| <b>A5.5X125VERFID</b> | 5,5    | 1,0    | 30     | 235    | 106,5   | 110     | 18      | 130    |
| <b>A6.5X150VERFID</b> | 6,5    | 1,2    | 36     | 270    | 131     | 120     | 18      | 160    |
| <b>A8X150VERFID</b>   | 8,0    | 1,2    | 40     | 275    | 131     | 125     | 18      | 200    |

RFID Hexagon keys

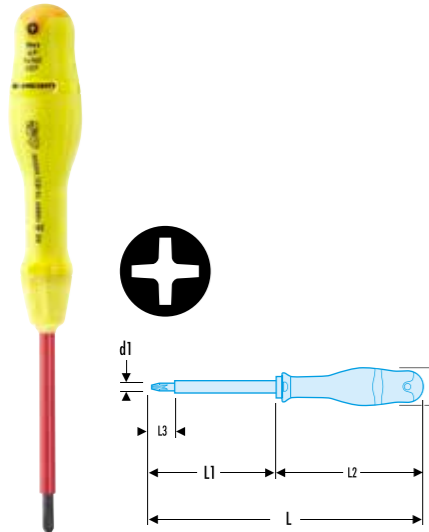
86H - Hexagon keys on sleeve - RFID



- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Capacity: 44 mm.
- Ideal for confined spaces: long reach thin noses.
- Double heat-treated tips: high wear resistance, hardness 60/62 HRc.
- Finish: chrome finish, ergonomic grips.

|                      | 6 [mm]                                   | ° [°]                                        | d [mm] | d1 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|----------------------|------------------------------------------|----------------------------------------------|--------|---------|--------|---------|--------|
| <b>86H.JE7AFRFID</b> | 2,5 - 3,0 - 4,0 - 5,0 - 6,0 - 8,0 - 10,0 | -                                            | 30     | 24      | 138    | 37      | 415    |
| <b>86H.JE7BFRFID</b> | 1,5 - 2,0 - 2,5 - 3,0 - 4,0 - 5,0 - 6,0  | -                                            | 22     | 18      | 118    | 33      | 160    |
| <b>86H.JU6FRFID</b>  | -                                        | 5/32 - 3/16 - 7/32 - 1/4 - 5/16 - 3/8        | 30     | 24      | 138    | 37      | 430    |
| <b>86H.JU7FRFID</b>  | -                                        | 1/16 - 5/64 - 3/32 - 1/8 - 5/32 - 3/16 - 1/4 | 22     | 18      | 118    | 33      | 155    |

AP.VE - PROTWIST® 1,000 Volt insulated screwdrivers for Phillips® head screws - RFID

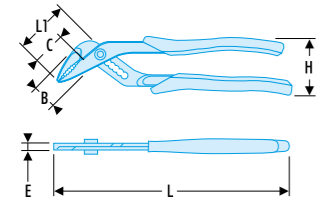


NF ISO 8764-1, NF ISO 8764-2, NF EN 60900, ISO 8764-1, ISO 8764-2, EN 60900, DIN ISO 8764-1, DIN ISO 8764-2, DIN EN 60900, ASME B107.600

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- For your safety, each screwdriver is tested individually at 10,000 Volt for 10 seconds, at the end of the manufacturing cycle.
- 1,000 Volt sheathed round blade.
- Bi-material grip resists to impacts, abrasion, and chemicals.

|                      | Phillips [No] | d [mm] | d1 [mm] | L [mm] | L1 [mm] | L2 [mm] | L3 [mm] | ΔΔ [g] |
|----------------------|---------------|--------|---------|--------|---------|---------|---------|--------|
| <b>AP1X100VERFID</b> | PH1           | 30     | 4,5     | 210    | 81,5    | 110     | 18      | 120    |
| <b>AP2X125VERFID</b> | PH2           | 36     | 6,0     | 245    | 106     | 120     | 18      | 170    |

180.CPERFID High-performance multigrip plier - RFID

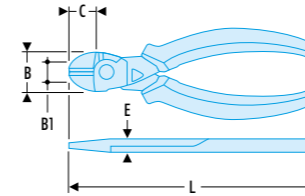


NF ISO 8976, ISO 8976, DIN ISO 8976, ASME B107.500

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Fast, precise push-button adjustment with safety lock.
- 12-position notches.
- The closed position of the ergonomic comfort grip handles increases the tightening power.
- High torsional strength.
- Slim-profile self-gripping nose.
- 62 HRC high-frequency treated jaws.
- Finish: chromed, bi-material ergonomic grips.

|             | B [mm] | C [mm] | E [mm] | E1 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|-------------|--------|--------|--------|---------|--------|---------|--------|
| 180.CPERFID | 30     | 35     | 8      | 22      | 250    | 58      | 360    |

Electricians diagonal cutter - RFID

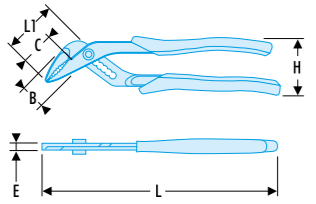


NF ISO 5749, ISO 5749, DIN ISO 5749, ASME B107.500

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Snipe nose for confined space (electrical cabinets, wiring).
- Semi-flush cutting edges, designed to cleanly cut through all types of wire: hard wires (max. 160 Kg/mm<sup>2</sup>), thin copper wires, modern materials.
- Long lever arm, offset pivot for minimum cutting effort.
- High durability Chrome-Molybdenum-Vanadium steel, very hard cutting edges 61/63 HRC.
- Ergonomic grips resistant to chemical agents.
- Removable return spring.
- Finish: chromed.

|               | B [mm] | C [mm] | E [mm] | L [mm] | ΔΔ [g] |
|---------------|--------|--------|--------|--------|--------|
| 391.16CPERFID | 19     | 21     | 9      | 165    | 210    |

181A - Locking twin slip-joint multigrip pliers - RFID

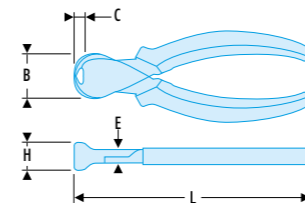


NF ISO 8976, ISO 8976, DIN ISO 8976, ASME B107.500

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Cutting edges designed to cleanly cut all types of wire: piano wire, soft wires and modern materials 200 kg/mm<sup>2</sup>).
- Minimum cutting force thanks to long lever arm and offset axis.
- High durability Chrome-Molybdenum-Vanadium steel, very hard cutting edges 61/63 HRC.
- Ergonomic grips resistant to chemical agents.
- Removable return spring.
- Finish: chromed.

|                | B [mm] | C [mm] | E [mm] | E1 [mm] | H [mm] | L [mm] | L1 [mm] | Capacity Nuts [mm] | ΔΔ [g] |
|----------------|--------|--------|--------|---------|--------|--------|---------|--------------------|--------|
| 181A.18CPERFID | 22     | 24     | 7,5    | 20      | 52     | 185    | 48      | 36                 | 250    |
| 181A.25CPERFID | 28     | 28     | 7,5    | 22,5    | 58     | 245    | 54      | 41                 | 380    |

190.CPE - High-performance end cutter - RFID

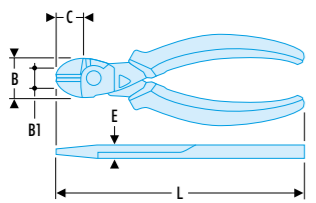


NF ISO 5748, ISO 5748, DIN ISO 5748, ASME B107.500

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Narrow, finely serrated tips with a pipe-grip.
- Side cutter for copper and hard steel wire (max. 160 kg/mm<sup>2</sup>).
- 185: straight nose.
- 195: 40° angled nose.
- Ergonomic grips resistant to chemical agents.
- Removable return spring.
- Finish: chromed.

|               | B [mm] | C [mm] | d maxi [mm] | E [mm] | L [mm] | ΔΔ [g] |
|---------------|--------|--------|-------------|--------|--------|--------|
| 190.16CPERFID | 28     | 6,5    | 1,6         | 11,5   | 160    | 220    |
| 190.20CPERFID | 31     | 7,5    | 2,0         | 13,5   | 200    | 360    |

192.CPE High-performance diagonal cutters RFID



NF ISO 5749, ISO 5749, DIN ISO 5749, ASME B107.500

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Snipe nose for confined space (electrical cabinets, wiring).
- Semi-flush cutting edges, designed to cleanly cut through all types of wire: hard wires (max. 160 Kg/mm<sup>2</sup>), thin copper wires, modern materials.
- Long lever arm, offset pivot for minimum cutting effort.
- High durability Chrome-Molybdenum-Vanadium steel, very hard cutting edges 61/63 HRC.
- Ergonomic grips resistant to chemical agents.
- Removable return spring.
- Finish: chromed.

|               | B [mm] | C [mm] | d maxi [mm] | E [mm] | L [mm] | ΔΔ [g] |
|---------------|--------|--------|-------------|--------|--------|--------|
| 192.16CPERFID | 24,0   | 180    | 1,6         | 10,0   | 160    | 220    |
| 192.20CPERFID | 28,0   | 22,0   | 2,0         | 11,5   | 200    | 340    |

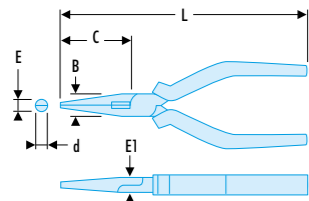


RFID Engineers pliers

RFID Micro-Tech® cutting pliers

RFID Pliers

185-195.CPE - Long half-round nose pliers - RFID

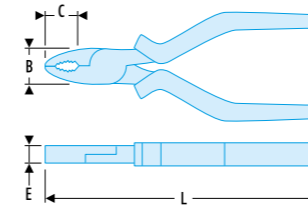


NF ISO 5745, ISO 5745, DIN ISO 5745, ASME B107.500

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Narrow, finely serrated tips.
- Side cutter for copper and hard steel wire (max. 160 kg/mm<sup>2</sup>).
- Ergonomic grips resistant to chemical agents.
- Removable return spring.
- Finish: chromed.

| RFID      | B [mm] | C [mm] | d [mm] | E [mm] | E1 [mm] | L [mm] | ΔΔ [g] |
|-----------|--------|--------|--------|--------|---------|--------|--------|
| 185.20CPE | 18     | 75     | 2,9    | 3,6    | 9       | 200    | 215    |
| 195.20CPE | 18     | 69     | 2,9    | 3,6    | 9       | 200    | 215    |

187.CPE - Combination pliers - RFID

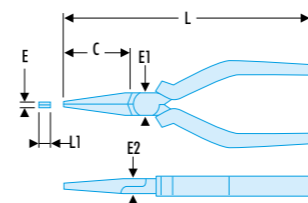


NF ISO 5746, ISO 5746, DIN ISO 5746, ASME B107.500

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Serrated nose for a firm grip.
- 188.E: snipe nose version for confined spaces.
- Ergonomic grips resistant to chemical agents.
- Removable return spring.
- Finish: chromed.

| RFID      | B [mm] | C [mm] | E [mm] | L [mm] | ΔΔ [g] |
|-----------|--------|--------|--------|--------|--------|
| 187.16CPE | 21     | 34     | 9,5    | 165    | 215    |
| 187.18CPE | 23     | 36     | 10,0   | 185    | 245    |

188 - Flat nose pliers - RFID

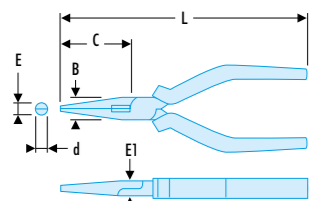


NF ISO 5745, ISO 5745, DIN ISO 5745, ASME B107.500

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Pliers for clear cutting multiple materials: from copper wire to piano wire up to 0.5 mm.

| RFID      | C [mm] | E [mm] | E1 [mm] | E2 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|-----------|--------|--------|---------|---------|--------|---------|--------|
| 188.16CPE | 46     | 4      | 18      | 9       | 168    | 6,5     | 160    |
| 188.20CPE | 75     | 4      | 18      | 9       | 200    | 6,5     | 220    |

193-195.CPE - Short half-round nose pliers - RFID

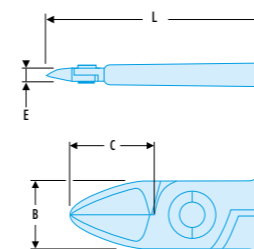


NF ISO 5745, ISO 5745, DIN ISO 5745, ASME B107.500

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Cutting edges designed to cut all types of wire: piano wire, soft wires and modern materials (Fe 200 kg/mm<sup>2</sup>).
- Long lever arm, offset pivot for minimum cutting effort.
- High durability Chrome-Molybdenum-Vanadium steel, very hard cutting edges 61/63 HRc.
- Ergonomic grips resistant to chemical agents.
- Removable return spring.
- Finish: chromed.

| RFID      | B [mm] | C [mm] | d [mm] | E [mm] | E1 [mm] | L [mm] | ΔΔ [g] |
|-----------|--------|--------|--------|--------|---------|--------|--------|
| 193.16CPE | 17     | 50     | 2,5    | 3      | 9       | 160    | 200    |
| 195.16CPE | 17     | 50     | 2,5    | 3      | 9       | 160    | 200    |

405 - Micro-Tech® "heavy-duty" cutters - RFID



NF ISO 9654, ISO 9654, DIN ISO 9654, ASME B107.500

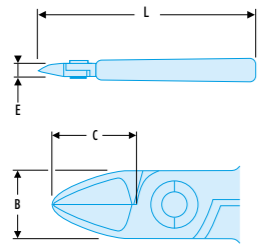
- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- These pliers allow to go further; up to + 1.5 to 2 mm compared with standard pliers.
- Fall prevention models avoid wire ejection.

| RFID       | B [mm] | C [mm] | E [mm] | L [mm] | Cu - Ni Ø [mm] | Fe 30 HRc diam. [mm] | ΔΔ [g] |
|------------|--------|--------|--------|--------|----------------|----------------------|--------|
| 405.10MTFR | 10,5   | 11,5   | 7      | 110    | 0,3 - 1,4      | 0,8                  | 80     |
| 405.12MTFR | 16     | 16     | 8      | 125    | 0,4 - 2,0      | 1,0                  | 115    |



RFID Micro-Tech® cutting pliers

Micro-Tech® "long" cutters - RFID

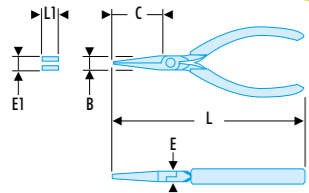


NF ISO 9654, ISO 9654, DIN ISO 9654, ASME B107.500

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- These pliers allow to go further; up to + 1.5 to 2 mm compared with standard pliers.

| RFID     | B [mm] | C [mm] | E [mm] | L [mm] | Cu - Ni Ø [mm] | ΔΔ [g] |
|----------|--------|--------|--------|--------|----------------|--------|
| 425FRFID | 10,5   | 13     | 7      | 110    | 0,1 - 1,3      | 80     |

421 - 422 - Micro-Tech® long and rigid nose grippers - RFID

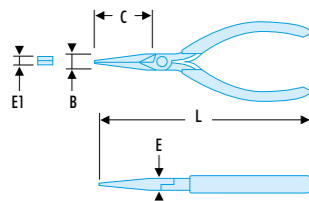


NF ISO 9655, ISO 9655, DIN ISO 9655, ASME B107.500

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Narrow mesh, for high precision works.

| RFID        | B [mm] | C [mm] | E [mm] | E1 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|-------------|--------|--------|--------|---------|--------|---------|--------|
| 421.MTFRFID | 11     | 33     | 7      | 1       | 130    | 5       | 90     |
| 422.MTFRFID | 11     | 33     | 7      | 0,5     | 130    |         | 110    |

Micro-Tech® thin nose gripper - RFID

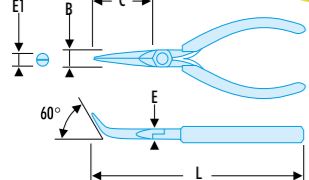


NF ISO 9655, ISO 9655, DIN ISO 9655, ASME B107.500

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Long and strong nose for precision and extra power works.

| RFID         | B [mm] | C [mm] | E [mm] | E1 [mm] | L [mm] | ΔΔ [g] |
|--------------|--------|--------|--------|---------|--------|--------|
| 431.LMTFRFID | 9      | 35     | 6      | 1       | 135    | 100    |

Micro-Tech® gripping plier with fluorescent grips - RFID



NF ISO 9655, ISO 9655, DIN ISO 9655, ASME B107.500

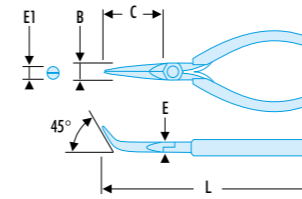
- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- Rigid jaws, angled 60°.

| RFID        | B [mm] | C [mm] | E [mm] | E1 [mm] | L [mm] | ΔΔ [g] |
|-------------|--------|--------|--------|---------|--------|--------|
| 423.MTFRFID | 11     | 25     | 7      | 1,4     | 125    | 90     |

RFID Crimping plier - 1,000 Volts insulated pliers

RFID Pliers

Micro-Tech® 45° angled thin nose gripper - RFID



NF ISO 9655, ISO 9655, DIN ISO 9655, ASME B107.500

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Fine mesh, for high precision works.

| RFID         | B [mm] | C [mm] | E [mm] | E1 [mm] | L [mm] |
|--------------|--------|--------|--------|---------|--------|
| 433.LMTFRFID | 9      | 35     | 6      | 1,6     | 135    |

RFID Crimping plier

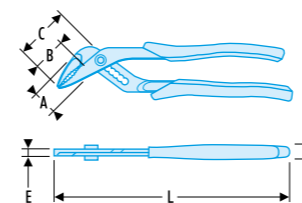
449BFRFID Pince à sertir standard pour cosses pré-isolées - RFID



- Outil équipé d'une puce RFID qui assure sa traçabilité dans l'atelier.
- L'intégration de la puce par Facom vous garantit détection et résistance maximales, tout en préservant l'ergonomie de l'outil.
- L'identification par radiofréquence nécessite un équipement de rangement adapté.
- Sertissage pour cosses pré-isolées : 1,5-2,5-6 mm<sup>2</sup>.
- Sertissage pour cosses nues : 1,5-2,5-6 mm<sup>2</sup>.
- Dénudage : 0,75 à 6 mm<sup>2</sup>.
- Fonction coupe fil intégré.
- Présentation : noire brunie.
- Poids : 340 g.

RFID 1,000 Volts insulated pliers VE series

180 - 1,000 Volt insulated multigrip plier - RFID



NF ISO 8976, ISO 8976, DIN ISO 8976, ASME B107.500

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Capacity: 44 mm.
- Ideal for confined spaces: long reach thin noses.
- Double heat-treated tips: high wear resistance, hardness 60/62 HRc.
- Varnish finish, ergonomic grips.

180A.SE : Extra axis.

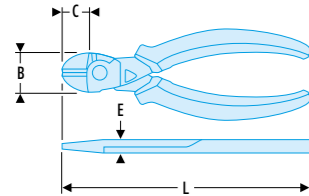
| RFID       | A [mm] | B [mm] | C [mm] | E [mm] | E1 [mm] | L [mm] | ΔΔ [g] |
|------------|--------|--------|--------|--------|---------|--------|--------|
| 180.VERFID | 30     | 35     | 58     | 8      | 22      | 250    | 380    |

RFID 1,000 Volts insulated pliers VE series

RFID 1,000 Volts insulated pliers VE series

RFID Pliers

1,000 Volt insulated electricians diagonal cutter - RFID

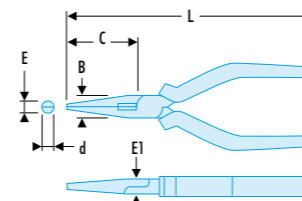


NF ISO 5749, NF EN 60900, ISO 5749, EN 60900, DIN ISO 5749, DIN EN 60900, ASME B107.500

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- For your safety, all pliers are tested individually at 10,000 Volt for 10 seconds, at the end of the manufacturing cycle.
- Slim head for confined access (electric cabinets, wiring works, etc.).
- Semi-flush cutting edges to cleanly cut through all types of wire: hard wire, thin copper wires, modern materials, etc.
- Minimum cutting force thanks to long lever arm and offset axis.
- High durability thanks to Chrome-Molybdenum-Vanadium steel (hard cutting edges: 61/63 HRc).
- Removable return spring.
- Ergonomic anti-slip grips.
- Finish: polished, varnished.

|                     | 160 kg/mm <sup>2</sup> [Ø mm] | Cu - Ø max [mm <sup>2</sup> ] | B [mm] | C [mm] | d [mm] | E [mm] | L [mm] | ΔΔ [g] |
|---------------------|-------------------------------|-------------------------------|--------|--------|--------|--------|--------|--------|
| <b>391.16VERFID</b> | 1,6                           | 0,7 - 3,5                     | 19     | 21     | 9      | 165    | 210    |        |

1,000 Volt insulated short half-round nose plier - RFID

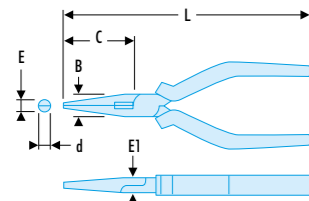


NF ISO 5745, NF EN 60900, ISO 5745, EN 60900, DIN ISO 5745, DIN EN 60900, ASME B107.500

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- For your safety, all pliers are tested individually at 10,000 Volt for 10 seconds, at the end of the manufacturing cycle.
- Slim, straight, fine serrated noses.
- Lateral wire cutter for copper and hard steel wire.
- Removable return spring.
- Ergonomic anti-slip grips.
- Finish: polished, varnished.

|                     | 160 kg/mm <sup>2</sup> [Ø mm] | Cu - Ø max [mm <sup>2</sup> ] | B [mm] | C [mm] | d [mm] | E [mm] | E1 [mm] | L [mm] | ΔΔ [g] |
|---------------------|-------------------------------|-------------------------------|--------|--------|--------|--------|---------|--------|--------|
| <b>193.16VERFID</b> | 1,6                           | 0,7 - 3,0                     | 17     | 50     | 2,5    | 3      | 9       | 160    | 200    |

185-195.VE - 1,000 Volt insulated long half-round nose pliers - RFID

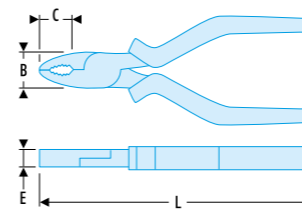


NF ISO 5745, NF EN 60900, ISO 5745, EN 60900, DIN ISO 5745, DIN EN 60900, ASME B107.500

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- For your safety, all pliers are tested individually at 10,000 Volt for 10 seconds, at the end of the manufacturing cycle.
- Slim, fine serrated noses. - 185.VE: straight nose. - 195.VE: 40° angled nose.
- Lateral wire cutter for copper and hard steel wire.
- Removable return spring.
- Ergonomic anti-slip grips.
- Finish: polished, varnished.

|                     | 160 kg/mm <sup>2</sup> [Ø mm] | Cu - Ø max [mm <sup>2</sup> ] | B [mm] | C [mm] | d [mm] | E [mm] | E1 [mm] | L [mm] | ΔΔ [g] |
|---------------------|-------------------------------|-------------------------------|--------|--------|--------|--------|---------|--------|--------|
| <b>185.20VERFID</b> | 1,6                           | 0,7 - 3,5                     | 18     | 75     | 2,9    | 3,6    | 9       | 200    | 215    |
| <b>195.20VERFID</b> | 1,6                           | 0,7 - 3,5                     | 18     | 69     | 2,9    | 3,6    | 9       | 200    | 215    |

1,000 Volt insulated combination plier - RFID



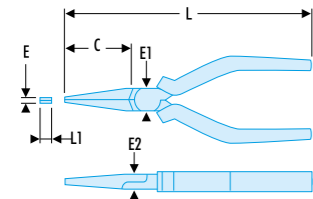
NF ISO 5746, NF EN 60900, ISO 5746, EN 60900, DIN ISO 5746, DIN EN 60900, ASME B107.500

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- For your safety, all pliers are tested individually at 10,000 Volt for 10 seconds, at the end of the manufacturing cycle.
- Cutting edges designed to cut through all types of wire: piano wire, soft wires, modern materials, etc.
- Minimum cutting force thanks to long lever arm and offset axis.
- High durability thanks to Chrome-Molybdenum-Vanadium steel (hard cutting edges: 61/63 HRc).
- Removable return spring.
- Ergonomic anti-slip grips.
- Finish: polished, varnished.

|                     | 200 kg/mm <sup>2</sup> [Ø mm] | B [mm] | C [mm] | E [mm] | L [mm] | ΔΔ [g] |
|---------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>187.18VERFID</b> | 1,8                           | 23     | 36     | 10,0   | 185    | 245    |

RFID 1,000 Volts insulated pliers VE series

1,000 Volt insulated flat nose plier - RFID

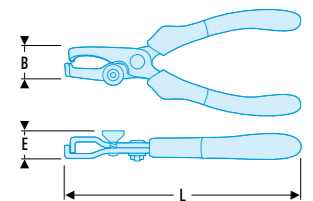
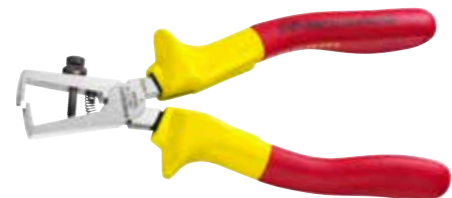


NF ISO 5745, NF EN 60900, ISO 5745, EN 60900, DIN ISO 5745, DIN EN 60900, ASME B107.500

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- For your safety, all pliers are tested individually at 10,000 Volt for 10 seconds, at the end of the manufacturing cycle.
- Serrated nose for stronger grip.
- Removable return spring.
- Ergonomic anti-slip grips.
- Finish: polished, varnished.

| RFID         | C [mm] | E [mm] | E1 [mm] | E2 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|--------------|--------|--------|---------|---------|--------|---------|--------|
| 188.20VERFID | 75     | 4      | 18      | 9       | 200    | 6,5     | 220    |

1,000 Volt insulated stripper - RFID



NF EN 60900, EN 60900, DIN EN 60900

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- For your safety, all pliers are tested individually at 10,000 Volt for 10 seconds, at the end of the manufacturing cycle.
- For multiple or single strand wires 0.5 --> 6 mm<sup>2</sup>.
- Adjustment screw with lock nut.
- Metal return screw.
- Ergonomic anti-slip grips.
- Finish: polished, varnished.

| RFID         | B [mm] | E [mm] | L [mm] | ΔΔ [g] |
|--------------|--------|--------|--------|--------|
| 194.17VERFID | 17     | 8,5    | 170    | 205    |

RFID Circlip® pliers

RFID Pliers

179A - Straight nose inside circlip® pliers - RFID



NF E 73-130, DIN 5256, ASME B107.500

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- For inside Circlips® 8 --> 100 mm.
- Piano wire tips: high distortion resistance.
- Long 10° angled tips for optimum circlip holding.
- Identification colour code: saves time.
- Grips in anti-slip granite PVC.

| RFID        | d [mm] | d mini - maxi [mm] | L [mm] | ΔΔ [g] |
|-------------|--------|--------------------|--------|--------|
| 179A.9RFID  | 0,9    | 8 - 13             | 140    | 135    |
| 179A.13RFID | 1,3    | 12 - 25            | 140    | 135    |
| 179A.18RFID | 1,8    | 19 - 60            | 185    | 235    |
| 179A.23RFID | 2,2    | 40 - 100           | 215    | 320    |

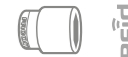
199A - 90° angled nose inside circlip® pliers - RFID



NF E 73-130, DIN 5256, ASME B107.500

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- For inside Circlips® 8 --> 100 mm.
- Piano wire tips: high distortion resistance.
- Long 10° angled tips for optimum circlip holding.
- Identification colour code: saves time.
- Grips in anti-slip granite PVC.

| RFID        | d [mm] | d mini - maxi [mm] | L [mm] | ΔΔ [g] |
|-------------|--------|--------------------|--------|--------|
| 199A.9RFID  | 0,9    | 8 - 13             | 130    | 135    |
| 199A.13RFID | 1,3    | 12 - 25            | 130    | 135    |
| 199A.18RFID | 1,8    | 19 - 60            | 170    | 235    |
| 199A.23RFID | 2,2    | 40 - 100           | 205    | 320    |



RFID Circlip® pliers

177A - Straight nose outside circlip® pliers - RFID



NF E 73-130, DIN 5254, ASME B107.500

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- For outside Circlips® 3 --> 100 mm.
- Piano wire tips: high distortion resistance.
- Long 10° angled tips for optimum circlip holding.
- Identification colour code: saves time.
- Grips in anti-slip granite PVC.

| RFID        | d [mm] | d mini - maxi [mm] | L [mm] | ΔΔ [g] |
|-------------|--------|--------------------|--------|--------|
| 177A.9RFID  | 0,9    | 3 - 10             | 150    | 125    |
| 177A.13RFID | 1,3    | 10 - 25            | 150    | 125    |
| 177A.18RFID | 1,8    | 19 - 60            | 180    | 195    |
| 177A.23RFID | 2,2    | 40 - 100           | 215    | 300    |

197A - 90° angled nose outside circlip® pliers - RFID



NF E 73-130, DIN 5254, ASME B107.500

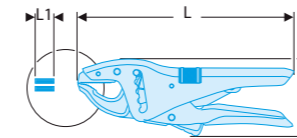
- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- For outside Circlips® 3 --> 100 mm.
- Piano wire tips: high distortion resistance.
- Long 10° angled tips for optimum circlip holding.
- Identification colour code: saves time.
- Grips in anti-slip granite PVC.

| RFID        | d [mm] | d mini - maxi [mm] | L [mm] | ΔΔ [g] |
|-------------|--------|--------------------|--------|--------|
| 197A.9RFID  | 0,9    | 3 - 10             | 140    | 125    |
| 197A.13RFID | 1,3    | 10 - 25            | 140    | 125    |
| 197A.18RFID | 1,8    | 19 - 60            | 170    | 195    |
| 197A.23RFID | 2,2    | 40 - 100           | 200    | 300    |

RFID Lock-grip pliers - Locking-wire pliers

RFID Pliers

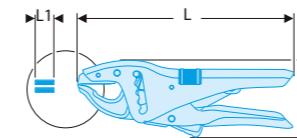
Short-nose lock-grip plier - RFID



- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- 4-position slip joint system.
- Nose width 17 mm.
- Machined groove in upper jaw holds small round sections.
- Finish: chromed.

| RFID     | H [mm] | L [mm] | L1 [mm] | ΔΔ [kg] |
|----------|--------|--------|---------|---------|
| 500ARFID | 80.7   | 230    | 17      | 0,740   |

Long nose lock-grip plier - RFID

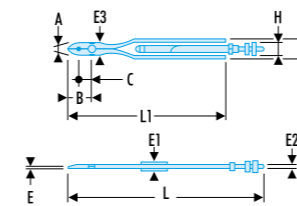


- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- 4-position slip joint system.
- Nose width 17 mm.
- Machined groove in upper jaw holds small round sections.
- Finish: chromed.

| RFID     | H [mm] | L [mm] | L1 [mm] | ΔΔ [kg] |
|----------|--------|--------|---------|---------|
| 501ARFID | 80.7   | 250    | 17      | 0,770   |

RFID Locking-wire pliers

445 - Locking-wire pliers 8 and 10" - RFID



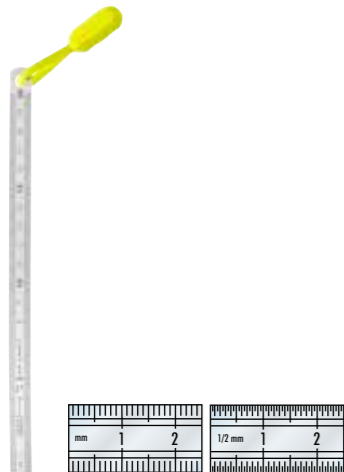
ASME B107.500

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- "Automatic" model.
- Side wire-cutter: stainless steel diameter 1 mm.
- 445.8RRFID = 2.5 turns: 95 mm length.
- 445.10RRFID = 3 turns: 125 mm length.
- Finish: phosphate-coated.

| RFID        | A [mm] | B [mm] | C [mm] | E [mm] | E1 [mm] | E2 [mm] | E3 [mm] | H [mm] | H1 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|-------------|--------|--------|--------|--------|---------|---------|---------|--------|---------|--------|---------|--------|
| 445.8RRFID  | 3      | 20     | 7      | 2,5    | 15      | 10,5    | 15      | 22     | 37      | 215    | 170     | 265    |
| 445.10RRFID | 3      | 30     | 11     | 2,5    | 15,5    | 11,5    | 19      | 25     | 40      | 360    | 230     | 420    |

RFID Rule - RFID Body tape measure - RFID Hammer

DELA.1051.03RFID Stainless steel rule - 2 sides - RFID



- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Engraved on both sides.
- One edge in mm - One edge in 1/2 mm.
- Stainless steel 18 % Cr - 8 % Ni.
- Anti-reflection treatment.
- Class II as per regulations applies to rules with a length above or equal to 500 mm.

ABS body tape measure - RFID

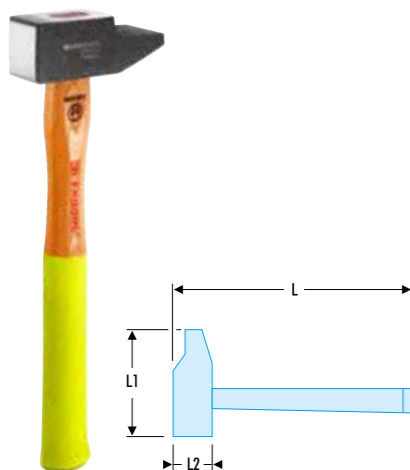


- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Ergonomic, ABS material.
- Tape with mat anti-reflection nylon tape.
- High strength tape.
- High strength cover hook: - 2 rivets with stainless reinforcement plate.
- Interior measurements by adding the L dimension (see table).

| RFID         | E [mm] | H [mm] | L [mm] | L1 [mm] | L2 [m] | ΔΔ [g] |
|--------------|--------|--------|--------|---------|--------|--------|
| 893A.216RFID | 27     | 60     | 60     | 16      | 3      | 160    |

RFID Hammers

200H - Graphite handle riveting engineers hammer - RFID



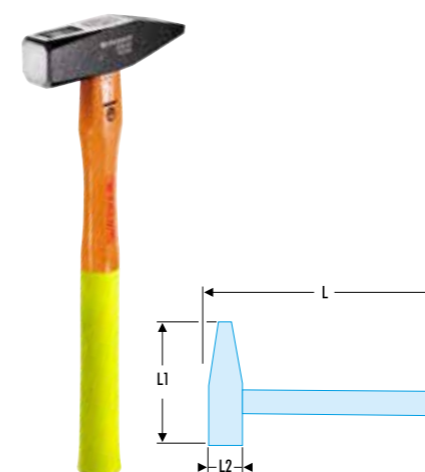
- NF E 71-016, NF ISO 15601, ISO 15601
- Tool with built-in RFID chip for workshop traceability.
  - Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
  - Radio frequency identification requires appropriate storage equipment.
  - High security Hickery handle.
  - Triple wedge design - 1 wooden and 2 metal wedges.

| RFID        | L [mm] | L1 [mm] | L2 [mm] | ΔΔ [kg] |
|-------------|--------|---------|---------|---------|
| 200H.26RFID | 245    | 80      | 25      | 0,345   |
| 200H.30RFID | 270    | 93      | 30      | 0,470   |
| 200H.32RFID | 300    | 100     | 32      | 0,585   |
| 200H.40RFID | 330    | 108     | 40      | 1,025   |
| 200H.60RFID | 380    | 151     | 60      | 2,800   |

RFID Drift punches - Precision centre punches

RFID Measuring - RFID Impact tools

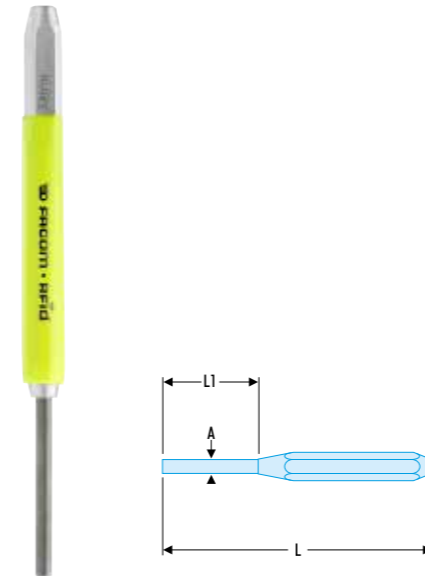
205H - Graphite handle DIN engineers hammer - RFID



- NF E 71-016, NF ISO 15601, ISO 15601
- Tool with built-in RFID chip for workshop traceability.
  - Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
  - Radio frequency identification requires appropriate storage equipment.
  - High security Hickery handle.
  - Triple wedge design - 1 wooden and 2 metal wedges.

| RFID         | L [mm] | L1 [mm] | L2 [mm] | ΔΔ [kg] |
|--------------|--------|---------|---------|---------|
| 205H.20RFID  | 280    | 96      | 19      | 0,250   |
| 205H.30RFID  | 300    | 106     | 23      | 0,380   |
| 205H.50RFID  | 320    | 122     | 27      | 0,580   |
| 205H.80RFID  | 350    | 132     | 33      | 0,960   |
| 205H.100RFID | 360    | 137     | 36      | 1,140   |

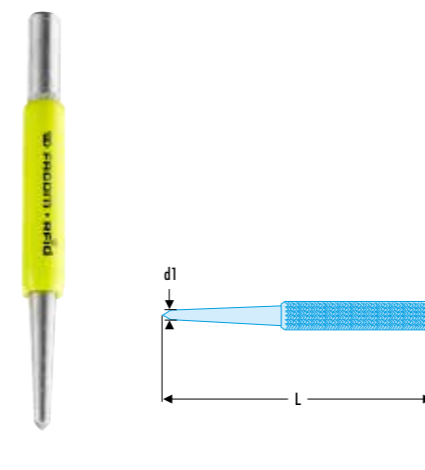
249 - Standard drift punches - RFID



- NF E 71-211, DIN 6450, ASME B107.410
- Tool with built-in RFID chip for workshop traceability.
  - Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
  - Radio frequency identification requires appropriate storage equipment.
  - Hexagonal shank, high-strength steel tip, hardened to 53-58 HRC.
  - Zinc-plated finish.

| RFID       | A [mm] | d [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|------------|--------|--------|--------|---------|--------|
| 249.2RFID  | 1,9    | 10     | 115    | 30      | 40     |
| 249.3RFID  | 2,9    | 10     | 125    | 40      | 45     |
| 249.4RFID  | 3,9    | 12     | 150    | 50      | 75     |
| 249.5RFID  | 4,9    | 12     | 165    | 50      | 85     |
| 249.6RFID  | 5,9    | 14     | 180    | 50      | 130    |
| 249.8RFID  | 7,9    | 14     | 200    | 50      | 170    |
| 249.10RFID | 9,9    | 18     | 200    | 50      | 230    |

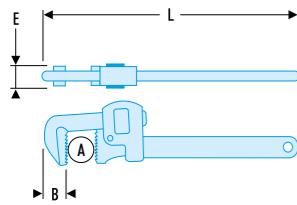
256 - Precision centre punches - RFID



- NF E 71-211, DIN 7250, ASME B107.410
- Tool with built-in RFID chip for workshop traceability.
  - Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
  - Radio frequency identification requires appropriate storage equipment.
  - Chrome-vanadium steel forged, hardened to 52 to 58 HRc.
  - Presentation: knurled body.
  - Zinc-plated finish.

| RFID      | d [mm] | L [mm] | ΔΔ [g] |
|-----------|--------|--------|--------|
| 256.4RFID | 10     | 105    | 35     |
| 256.6RFID | 12     | 115    | 55     |
| 256.8RFID | 14     | 130    | 80     |

131A - Steel Stillson models - RFID



- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Capacity: 0 to 102 mm; 0 to 3"1/2.
- Very robust wrench, head hardened to 55 HRC.
- Accurate approach thanks to fine machining of the threads and button, good grip.

| Model       | B [mm] | E [mm] | L [mm] | ΔΔ [kg] |
|-------------|--------|--------|--------|---------|
| 131A.8RFID  | 19,5   | 12,5   | 200    | 0,3     |
| 131A.10RFID | 25,0   | 16,0   | 250    | 0,62    |
| 131A.14RFID | 29,5   | 21,0   | 350    | 1,08    |
| 131A.18RFID | 32,0   | 24,0   | 450    | 1,82    |
| 131A.24RFID | 41,5   | 27,5   | 600    | 3,02    |

844.DRFID Safety knife with retractable blade - RFID



- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Safety knife.
- Blade automatically retracts after use.
- Zamak body.
- ABS cursor, front or side thumb control.
- Supplied with 3 blades (1 factory-mounted and 2 in the body).

603FRFID "High performance" hacksaw frame - RFID



NF E 73-073, DIN 6473

- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Optimum and durable automatic blade tension control at 110 kg.
- Aluminium bow for maximum stiffness.
- Ergonomic handle for maximum cutting comfort.
- 8 blade positions.
- Ultra-fast blade changing.
- Takes 300 mm blade.
- Dimensions (L. x W.): 440 x 145 mm.
- Supplied with one blade.
- Weight: 850 g.
- Spare blades: 668B.

840.FRFID Lock-back knife with bi-material handle - RFID



- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Blade in polished stainless steel. Blade partially smooth for accurate cutting and another serrated for powerful cutting.
- Quick one-handed opening.
- Knife at the tip of the knife: window breaker function.
- Safe: lock-back.
- Universal hanging hook.
- Clip at the back of the knife for direct hanging to the belt.
- Blade length 77 mm; closed length: 115 mm.
- Total length: 186 mm.
- Supplied in vertical nylon case which fastens to the belt.
- Weight: 200 g.

RFID knife

844.S18RFID 18 mm automatically reloading utility knife - RFID



- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Productivity, accessibility, safety.
- Automatically reloading snap-off blades.
- Ergonomic soft ABS handle.
- Stainless steel blade guide.
- Blade lock knob.
- 6-blade cartridge.
- Integral blade snapper.

640180RFID Twin-blade electricians knife with plastic handle - RFID



- Tool with built-in RFID chip for workshop traceability.
- Chip integration by Facom guarantees maximum detection and strength, while preserving the tool's ergonomics.
- Radio frequency identification requires appropriate storage equipment.
- Electricians knife with blades suitable for cable work:
  - 1 straight hollow ground general-purpose blade (length: 65 mm).
  - 1 short curved blade, specially designed for cable work (length: 35 mm).
- Safe: lock-back for each blade.
- Length closed: 104 mm.
- Total length: 131/169 mm.
- Weight: 130g.



# TABLE OF CONTENTS

# FLUO

YOUR SOLUTION FOR  
DARK OR DIMLY LIT AREAS

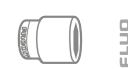
▶ **1** Sets FLUO 63



▶ **2** Wrenches FLUO 66



▶ **3** Ratchets- Sockets FLUO 71



▶ **4** Screwdrivers FLUO - Hexagon keys FLUO - Bits FLUO 78



▶ **5** Pliers FLUO 92



▶ **6** Measuring FLUO 101



▶ **7** Hammers FLUO 102



▶ **8** Lighting FLUO 104



# NEW FLUORESCENT TOOL RANGE

Your solution for DARK OR DIMLY LIT AREAS

A UV lamp or tube is all you need to detect the fluorescent tools.

Detectable in dark and dimly lit areas up to 5 meters.



### SAFETY

- High-visibility colour code ensuring easy detection, even in broad daylight.
- Better tool visibility, particularly in dark areas: less accidents, injuries, incidents...
- No chipping due to impacts, no product elements or accessories lost...

### IMPROVED PRODUCTIVITY

- Tools compatible with rolling cabinet organiser modules.
- Faster recovery of lost tools.
- Easy cleaning.

### ERGONOMICS

- Same dimensions as standard tools.
- Good product grip.



### COST REDUCTION

- No more lost tools to be replaced
- Durability identical to standard tools.

FLUO



A comprehensive product range for most common applications. Wrenches, ratchets, sockets, gauges, pliers, hammers, rules, etc.



## Sets FLUO

Sets FLUO

### ■ BVFC1.FLUO-1 73-tool set of metric-size tools - FLUO



FLUO

- Set of fluorescent tools suited to all types of applications. Includes: combination wrenches, sockets and 1/4 ratchet, screwdrivers, pliers and other accessories. Includes: UV lamp to detect the tools in a dark environment up to 5 meters.
- Perfectly suited to all mobile interventions, specifically in sensitive zones where lost tools are not tolerated: aerospace or other transport industries, petrochemical or renewable energies, mining, agro-food or pharmaceutical industry, etc.

Includes:

- 4 foam modules - MODM.FLUO1-1, MODM.FLUO1-2, MODM.FLUO1-3, MODM.FLUO1-4.
- 1 set of 63 FLUO bits - E.1063F.
- 1 bit holder - EF.RF.
- 1 set of 9 angled keys in pocket - 83SH.JP9F.
- 1 chrome finish adjustable wrench - 113A.10CF.
- 16 x metric-size combination wrenches 440.HF - 4 - 5 - 5,5 - 440.F - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 16 - 17 - 18 - 19 mm.
- 13 x 1/4" 6-point metric-size sockets - R.FLUO - 3.2 - 4 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14.
- 12 x 1/4" 12-point long-reach metric-size sockets - R.ELF - 4 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14.
- 1 electrician's scissors - 841F.
- 1 x 1/4" fast ratchet with rotating handle - R.360F.
- 1 1/4" - 125 mm locking extension - R.215RCF.
- 1 standard multigrip pliers - 170AF.
- 1 diagonal cutter - High performance - 192.16CPEF.
- 1 long half-round nose pliers - 185.20CPEF.
- 1 universal pliers - 187.18CPEF.
- 1 stainless steel flexible rule - 2 faces - DELA.1051.300.
- 1 mechanic's riveting hammer with graphite grip - 200C.30F.
- 1 inspection mirror - 834B.RTF.
- 7 x PROTWIST® screwdrivers for slotted head screws - countersunk blades - AN.F - 2X75 - 3.5X75 - 3.5X100 - 4X35 - 4X150 - 5.5X150 - 6.5X150.
- 5 x PROTWIST® screwdrivers for Phillips® screws - round blades - ANP.F - 0X75 - 1X100 - 2X125 - 3X150 - 4X200.
- 5 x PROTWIST® screwdrivers for Resistorx® screws - ANXR.F - 10X75 - 15X75 - 20X100 - 25X100.
- 1 UV torch - 779.UVT.
- 4 foam tray PM.MODFLUO1-1, PM.MODFLUO1-2, PM.MODFLUO1-3, PM.MODFLUO1-4.
- 1 sealed roller box: BV.FC1.





Sets Fluo

Combination wrenches FLUO

Wrenches FLUO

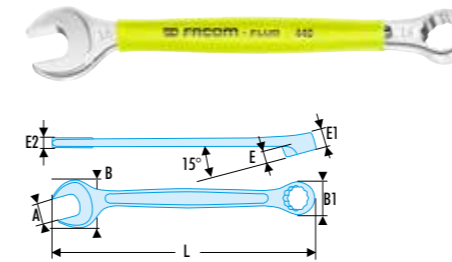
**BVFC1.FLUO-2** 66-tool set of inch-size tools - FLUO



FLUO

- Set of fluorescent tools suited to all types of applications. Includes: combination wrenches, sockets and ¼ ratchet, screwdrivers, pliers and other accessories. Includes: UV lamp to detect the tools in a dark environment up to 5 meters.
  - Perfectly suited to all mobile interventions, specifically in sensitive zones where lost tools are not tolerated: aerospace or other transport industries, petrochemical or renewable energies, mining, agro-food or pharmaceutical industry, etc.
- Includes:
- 4 foam modules - MODM.FLUO2-1, MODM.FLUO2-2, MODM.FLUO2-3, MODM.FLUO2-4.
  - 1 set of 63 FLUO bits - E.1063F.
  - 1 bit holder - EF.RF.
  - 1 set of 9 angled keys in pocket - 83SH.JP9F.
  - 1 chrome finish adjustable wrench - 113A.10CF.
  - 14 x inch-size combination wrenches 440.F - 1/4 - 5/16 - 11/32 - 3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 15/16 - 1P.
  - 10 x 1/4" 12-point inch-size sockets - R.EF - 1/2 - 1/4 - 11/32 - 3/16 - 3/8 - 5/16 - 7/16 - 7/32 - 9/16 - 9/32.
  - 10 x 1/4" 12-point long-reach inch-size sockets - R.ELF - 1/2 - 1/4 - 11/32 - 3/16 - 3/8 - 5/16 - 7/16 - 7/32 - 9/16 - 9/32.
  - 1 x 1/4" fast ratchet with rotating handle - R.360F.
  - 1 1/4" - 125 mm locking extension - R.215RCF.
  - 1 standard multigrip pliers - 170AF.
  - 1 diagonal cutter - High performance - 192.16CPEF.
  - 1 long half-round nose pliers - 185.20CPEF.
  - 1 universal pliers - 187.18CPEF.
  - 1 stainless steel flexible rule - 2 faces - DELA.1051.300.
  - 1 mechanic's riveting hammer with graphite grip - 200C.30F.
  - 1 inspection mirror - 834B.RTF.
  - 7 x PROTWIST® screwdrivers for slotted head screws - countersunk blades - AN.F - 2X75 - 3.5X75 - 3.5X100 - 4X35 - 4X150 - 5.5X150 - 6.5X150.
  - 5 x PROTWIST® screwdrivers for Phillips® screws - round blades - ANP.F - 0X75 - 1X100 - 2X125 - 3X150 - 4X200.
  - 5 x PROTWIST® screwdrivers for Resistorx® screws - ANXR.F - 10X75 - 15X75 - 20X100 - 25X100.
  - 1 UV torch - 779.UVT.
  - 4 foam tray PM.MODFLUO2-1, PM.MODFLUO2-2, PM.MODFLUO2-3, PM.MODFLUO2-4.
  - 1 sealed roller box: BV.FC1.

**440F - Metric combination wrenches - FLUO**



FLUO

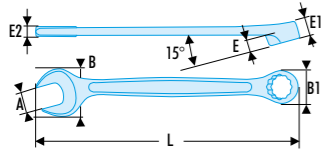
NF ISO 691, NF ISO 7738, NF ISO 3318, NF ISO 1711-1, E74-306, ISO 691, ISO 7738, ISO 3318, ISO 1711-1, DIN ISO 691, DIN ISO 1711-1, DIN 3113, ASME B107.100.

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Standard wrench for all current applications.
- High mechanical strength combined with compact size meeting aeronautical standards.
- Ring head:
  - Ring open end (size E) designed for better access to series or embedded screws.
  - OGV® profile with 12-point ring for powerful tightening while protecting the nut. H suffix = 6-point ring.
  - Ring head angled at 15°.
- Open end head:
  - Open end angled at 15°.
  - Open end head-handle geometry optimised for increased access.
- Metric sizes: 4 to 19 mm.
- Presentation: satin chrome finish.

| Ø         | A [mm] | B [mm] | B1 [mm] | E [mm] | E1 [mm] | E2 [mm] | L [mm] | ΔΔ [g] |
|-----------|--------|--------|---------|--------|---------|---------|--------|--------|
| 440.4HF   | 4      | 10,0   | 7,8     | 2,1    | 3,5     | 3,0     | 106    | 10     |
| 440.5HF   | 5      | 13,3   | 9,2     | 3,1    | 6,0     | 3,6     | 115    | 16     |
| 440.5,5HF | 5,5    | 13,3   | 9,2     | 3,1    | 6,0     | 3,8     | 115    | 15     |
| 440.6F    | 6      | 14,1   | 10,0    | 3,1    | 6,0     | 3,8     | 115    | 20     |
| 440.7F    | 7      | 17,2   | 11,2    | 3,4    | 6,2     | 3,9     | 122    | 20     |
| 440.8F    | 8      | 19,2   | 12,8    | 3,5    | 6,7     | 4,7     | 133    | 30     |
| 440.9F    | 9      | 21,2   | 14,2    | 3,9    | 7,1     | 4,7     | 138    | 35     |
| 440.10F   | 10     | 23,0   | 15,0    | 4,2    | 7,6     | 5,2     | 145    | 40     |
| 440.11F   | 11     | 24,5   | 16,9    | 4,6    | 8,1     | 5,5     | 155    | 50     |
| 440.12F   | 12     | 27,0   | 18,0    | 4,4    | 8,4     | 5,8     | 162    | 60     |
| 440.13F   | 13     | 28,7   | 19,3    | 4,8    | 8,6     | 6,1     | 170    | 70     |
| 440.14F   | 14     | 31,0   | 21,1    | 5,7    | 9,5     | 6,4     | 180    | 85     |
| 440.15F   | 15     | 32,6   | 22,2    | 5,9    | 10,0    | 6,8     | 185    | 95     |
| 440.16F   | 16     | 35,6   | 23,9    | 6,4    | 10,5    | 7,3     | 195    | 115    |
| 440.17F   | 17     | 37,0   | 25,3    | 6,5    | 10,9    | 7,6     | 202    | 130    |
| 440.18F   | 18     | 38,7   | 26,0    | 7,2    | 11,4    | 8,1     | 208    | 150    |
| 440.19F   | 19     | 41,2   | 27,8    | 7,2    | 11,9    | 8,3     | 216    | 170    |

Combination wrenches FLUO

440F - Inch combination wrenches - FLUO



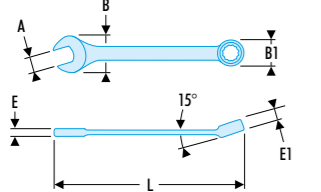
FLUO

ASME B107.100, SAE AS954G

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Standard wrench for all current applications.
- High mechanical strength combined with compact size meeting aeronautical standards.
- Ring head:
  - Ring open end (size E) designed for better access to series or embedded screws.
  - OGV® profile with 12-point ring for powerful tightening while protecting the nut. H suffix = 6-point ring.
  - Ring head angled at 15°.
- Open end head:
  - Open end angled at 15°.
  - Open end head-handle geometry optimised for increased access.
- Dimensions in inches: from 1/4" to 1"1/2.
- Presentation: satin chrome finish.

| ⇒          | A ["] | B [mm] | B1 [mm] | E [mm] | E1 [mm] | E2 [mm] | L [mm] | ΔΔ [g] |
|------------|-------|--------|---------|--------|---------|---------|--------|--------|
| 440.1/4F   | 1/4   | 14,1   | 10,0    | 3,1    | 6,0     | 3,8     | 115    | 20     |
| 440.5/16F  | 5/16  | 19,2   | 12,8    | 3,5    | 6,7     | 4,7     | 133    | 30     |
| 440.11/32F | 11/32 | 21,2   | 14,2    | 3,9    | 7,1     | 4,7     | 138    | 35     |
| 440.3/8F   | 3/8   | 23,0   | 15,0    | 4,2    | 7,6     | 5,2     | 145    | 45     |
| 440.7/16F  | 7/16  | 24,5   | 16,9    | 4,6    | 8,1     | 5,5     | 155    | 50     |
| 440.1/2F   | 1/2   | 28,7   | 19,3    | 4,8    | 8,6     | 6,1     | 170    | 70     |
| 440.9/16F  | 9/16  | 31,0   | 21,1    | 5,7    | 9,5     | 6,4     | 180    | 85     |
| 440.5/8F   | 5/8   | 35,6   | 23,9    | 6,4    | 10,5    | 7,3     | 195    | 115    |
| 440.11/16F | 11/16 | 37,0   | 25,3    | 6,5    | 10,9    | 7,6     | 202    | 130    |
| 440.3/4F   | 3/4   | 41,2   | 27,8    | 7,2    | 11,9    | 8,3     | 216    | 170    |
| 440.13/16F | 13/16 | 43,1   | 29,5    | 6,3    | 12,3    | 8,6     | 224    | 185    |
| 440.7/8F   | 7/8   | 46,9   | 32,3    | 8,3    | 13,3    | 9,0     | 248    | 230    |
| 440.15/16F | 15/16 | 51,0   | 35,0    | 8,9    | 14,2    | 9,7     | 267    | 290    |
| 440.1PF    | 1     | 53,0   | 36,4    | 9,4    | 14,7    | 9,9     | 274    | 315    |

39F - Inch short-reach combination wrenches - FLUO



FLUO

ASME B107.100

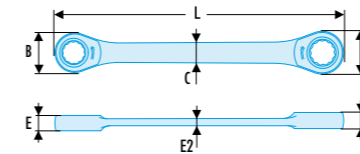
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Short combination wrenches: the short handle and compact head allow for high handiness. Ideal for confined access.
- OGV® profile with 12-point ring for powerful tightening while protecting the nut. H suffix = 6-point ring.
- Ring head angled at 15°.
- Open end head angled at 15°.
- Dimensions in inches: from 1/8" to 1/2"..
- Presentation: satin chrome finish.

| ⇒         | A ["] | B [mm] | B1 [mm] | E [mm] | E1 [mm] | ⊕ - ⊖ [mm] | L [mm] | ΔΔ [g] |
|-----------|-------|--------|---------|--------|---------|------------|--------|--------|
| 39.1/8HF  | 1/8   | 10     | 7,0     | 3,1    | 3,1     | 6          | 77     | 10     |
| 39.5/32HF | 5/32  | 10     | 8,0     | 3,1    | 3,1     | 6          | 77     | 10     |
| 39.3/16HF | 3/16  | 11,8   | 9,0     | 3,5    | 4,0     | 6          | 82     | 10     |
| 39.7/32HF | 7/32  | 11,8   | 9,5     | 3,5    | 4,0     | 6          | 84     | 10     |
| 39.1/4F   | 1/4   | 15     | 10,4    | 4,1    | 5,0     | 6          | 90     | 15     |
| 39.9/32F  | 9/32  | 15     | 11,5    | 4,1    | 5,0     | 6          | 90     | 15     |
| 39.5/16F  | 5/16  | 17,2   | 12,5    | 4,5    | 5,8     | 6          | 94     | 20     |
| 39.11/32F | 11/32 | 19,4   | 14      | 4,8    | 6,0     | 6          | 98     | 25     |
| 39.3/8F   | 3/8   | 21,5   | 15,3    | 5,1    | 6,4     | 6          | 103    | 30     |
| 39.7/16F  | 7/16  | 23,7   | 16,8    | 5,3    | 6,8     | 6          | 109    | 35     |
| 39.1/2F   | 1/2   | 28     | 19,5    | 5,8    | 8,0     | 12         | 141    | 50     |

Ratchet wrenches FLUO

Wrenches FLUO

64F - Inch straight ratchet ring wrenches - FLUO



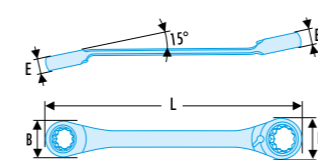
FLUO

ASME B107.100

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Straight ratchet ring wrenches: to reach the nut flat.
- Compact ratchet mechanism and reversible by flipping the wrench.
- Increment 5° (7.5° for dimension 1/4" mm; 6° for dimensions 5/16" and 11/32").
- Dimensions in inches: from 1/4" to 5"16.
- Presentation: satin chrome finish.

| ⇒              | A ["]      | B1 [mm] | d [mm] | E [mm] | E1 [mm] | E2 [mm] | L [mm] | ΔΔ [g] |
|----------------|------------|---------|--------|--------|---------|---------|--------|--------|
| 64.1/4X5/16F   | 1/4x5/16   | 17,2    | 8,0    | 6,3    | 6,5     | 3,0     | 115    | 40     |
| 64.5/16X11/32F | 5/16x11/32 | 20,2    | 8,3    | 6,5    | 6,9     | 3,2     | 128    | 45     |
| 64.3/8X7/16F   | 3/8x7/16   | 21,8    | 9,1    | 7,3    | 7,7     | 3,6     | 150    | 60     |
| 64.1/2X9/16F   | 1/2x9/16   | 24,8    | 11,3   | 8,6    | 9,0     | 4,2     | 180    | 115    |
| 64.5/8X11/16F  | 5/8x11/16  | 33,5    | 14,8   | 9,9    | 10,7    | 5,4     | 210    | 185    |
| 64.3/4X13/16F  | 3/4x13/16  | 40,0    | 15,2   | 11,2   | 13,0    | 5,4     | 245    | 310    |
| 64.7/8X15/16F  | 7/8x15/16  | 46,0    | 15,2   | 13     | 14,5    | 5,4     | 260    | 480    |

65F - Metric 15° hinged ratchet ring wrenches - FLUO



FLUO

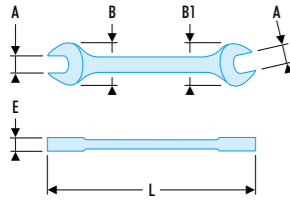
NF ISO 1711-1, NF ISO 691, ISO 1711-1, ISO 691, DIN ISO 1711-1, DIN ISO 691, ASME B107.100

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- 15° hinged ratchet ring wrenches: ring offset to clear fingers or obstacles.
- Compact ratchet mechanism and reversible by lever.
- Increment 5° (7.5° for dimension 6 mm; 6° for dimensions 7, 8 and 9 mm).
- Ring head angled at 15°.
- Metric sizes: 6 to 24 mm.
- Presentation: satin chrome finish.

| ⇒         | A [mm] | B [mm] | B1 [mm] | E [mm] | E1 [mm] | L [mm] | ΔΔ [g] |
|-----------|--------|--------|---------|--------|---------|--------|--------|
| 65.6X7F   | 6x7    | 14,0   | 17,0    | 6,3    | 6,5     | 115    | 30     |
| 65.8X9F   | 8x9    | 17,0   | 20,2    | 6,5    | 6,9     | 128    | 45     |
| 65.10X11F | 10x11  | 20,2   | 22,0    | 7,3    | 7,7     | 150    | 65     |
| 65.12X13F | 12x13  | 23,4   | 25,5    | 8,2    | 8,6     | 170    | 90     |
| 65.14X15F | 14x15  | 26,9   | 29,8    | 9      | 9,4     | 190    | 130    |
| 65.16X18F | 16x18  | 29,8   | 34,0    | 9,9    | 10,7    | 210    | 190    |
| 65.17X19F | 17x19  | 31,8   | 34,0    | 10,3   | 11,2    | 230    | 210    |
| 65.21X23F | 21x23  | 40,1   | 46,0    | 13     | 14,5    | 260    | 430    |
| 65.22X24F | 22x24  | 40,1   | 46,5    | 13     | 14,5    | 260    | 425    |

Open end wrenches FLUO

44F - Metric open end wrenches - FLUO



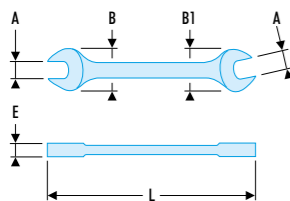
FLUO

NF ISO 10102, NF ISO 3318, NF ISO 1711-1, NF ISO 691, ISO 10102, ISO 3318, ISO 1711-1, ISO 691, DIN ISO 1711-1, DIN ISO 691, DIN 3110

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Open end wrenches = the open ends are slimmer than a standard combination wrench for better thickness accessibility. Examples: brake calipers, hydraulic hose locknuts.
- Heads hinged at 15°.
- Metric sizes: 3.2 to 30 mm.
- Presentation: satin chrome finish.

| №           | A [mm]  | B x B1 [mm] | E [mm] | L [mm] | ΔΔ [g] |
|-------------|---------|-------------|--------|--------|--------|
| 44.3.2X5.5F | 3,2x5,5 | 11,0 x 13,5 | 3,0    | 90     | 10     |
| 44.4X5F     | 4x5     | 11,0 x 13,5 | 3,0    | 90     | 10     |
| 44.6X7F     | 6x7     | 15,0 x 17,5 | 3,5    | 120    | 20     |
| 44.8X9F     | 8x9     | 18,5 x 21,0 | 3,8    | 137    | 30     |
| 44.8X10F    | 8x10    | 19,0 x 23,0 | 4,2    | 143    | 40     |
| 44.10X11F   | 10x11   | 23,0 x 25,0 | 4,7    | 152    | 50     |
| 44.10X13F   | 10x13   | 23,0 x 29,0 | 5,1    | 162    | 60     |
| 44.11X13F   | 11x13   | 25,5 x 29,0 | 5,1    | 167    | 65     |
| 44.12X13F   | 12x13   | 25,5 x 29,0 | 5,1    | 167    | 65     |
| 44.12X14F   | 12x14   | 29,0 x 33,5 | 5,5    | 177    | 80     |
| 44.13X17F   | 13x17   | 31,0 x 37,0 | 6,3    | 192    | 120    |
| 44.14X15F   | 14x15   | 31,0 x 33,0 | 5,5    | 182    | 90     |
| 44.16X17F   | 16x17   | 35,5 x 37,0 | 6,3    | 200    | 120    |
| 44.16X18F   | 16x18   | 37,0 x 42,0 | 6,8    | 210    | 145    |
| 44.17X19F   | 17x19   | 37,0 x 42,0 | 6,8    | 210    | 145    |
| 44.18X19F   | 18x19   | 39,0 x 42,0 | 7,3    | 220    | 160    |
| 44.20X22F   | 20x22   | 43,0 x 48,5 | 7,5    | 240    | 200    |
| 44.26X28F   | 26x28   | 56,0 x 61,6 | 8,8    | 282    | 360    |
| 44.27X29F   | 27x29   | 59,0 x 64,0 | 9,5    | 301    | 450    |
| 44.27X30F   | 27x30   | 59,0 x 64,0 | 9,5    | 301    | 450    |

44F - Inch open end wrenches - FLUO



FLUO

ASME B107.100

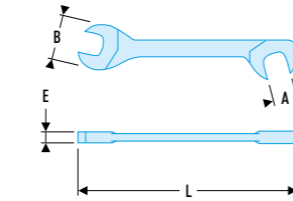
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Open end wrenches = the open ends are slimmer than a standard combination wrench for better thickness accessibility. Examples: brake calipers, hydraulic hose locknuts.
- Heads hinged at 15°.
- Dimensions in inches: from 1/4" to 11/16".
- Presentation: satin chrome finish.

| №                 | A ["]         | B x B1 [mm] | E [mm] | L [mm] | ΔΔ [g] |
|-------------------|---------------|-------------|--------|--------|--------|
| 44.1/4X5/16F      | 1/4x5/16      | 15,0 x 17,5 | 3,5    | 120    | 20     |
| 44.11/32X13/32F   | 11/32x13/32   | 19,0 x 23,0 | 4,2    | 143    | 40     |
| 44.3/8X7/16F      | 3/8x7/16      | 23,0 x 25,0 | 4,7    | 152    | 50     |
| 44.1/2X9/16F      | 1/2x9/16      | 29,0 x 33,5 | 5,5    | 177    | 80     |
| 44.5/8X11/16F     | 5/8x11/16     | 37,0 x 42,0 | 6,8    | 210    | 145    |
| 44.3/4X13/16F     | 3/4x13/16     | 43,0 x 48,5 | 7,5    | 240    | 200    |
| 44.1PX1P1/16F     | 1'X1'1/16     | 56,0 x 61,6 | 8,8    | 282    | 360    |
| 44.1P1/8X1P1/4F   | 1'1/8X1'1/4   | 63,0 x 70,0 | 9,8    | 318    | 515    |
| 44.1P3/16X1P5/16F | 1'3/16X1'5/16 | 63,0 x 70,0 | 9,8    | 318    | 515    |
| 44.1P3/8X1P1/2F   | 1'3/8X1'1/2   | 78,0 x 87,0 | 12     | 381    | 945    |
| 44.7/8X15/16F     | 7/8x15/16     | 47,5 x 52,0 | 8,3    | 251    | 260    |

Adjustable wrenches FLUO

Wrenches FLUO

34F - Inch 15° and 75° hinged "midget" open end wrenches - FLUO



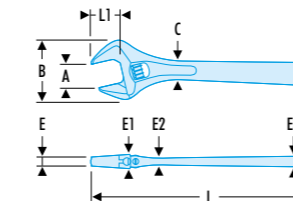
FLUO

ASME B107.100, SAE AS954G

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- "Midget" open end wrenches: short shank and slim heads for manoeuvrability in confined spaces.
- Heads hinged at 15° and 75° allow to intervene on nuts inaccessible with a standard wrench.
- Dimensions in inches: from 3/16" to 11/16".
- Presentation: satin chrome finish.

| №         | A ["] | B [mm] | E [mm] | L [mm] | ΔΔ [g] |
|-----------|-------|--------|--------|--------|--------|
| 34.3/16F  | 3/16  | 13     | 2,4    | 75     | 10     |
| 34.7/32F  | 7/32  | 13     | 2,4    | 75     | 10     |
| 34.1/4F   | 1/4   | 15     | 2,7    | 80     | 15     |
| 34.9/32F  | 9/32  | 15     | 2,7    | 80     | 15     |
| 34.5/16F  | 5/16  | 18,5   | 3,0    | 90     | 20     |
| 34.11/32F | 11/32 | 18,5   | 3,0    | 90     | 20     |
| 34.3/8F   | 3/8   | 22     | 3,0    | 100    | 25     |
| 34.13/32F | 13/32 | 22     | 3,0    | 100    | 30     |
| 34.7/16F  | 7/16  | 22     | 3      | 100    | 30     |
| 34.1/2F   | 1/2   | 27     | 3,5    | 120    | 35     |
| 34.9/16F  | 9/16  | 27     | 3,5    | 120    | 40     |
| 34.5/8F   | 5/8   | 33     | 4,5    | 140    | 70     |
| 34.11/16F | 11/16 | 33     | 4,5    | 140    | 70     |

113A.CF - Chromed adjustable wrenches - FLUO



FLUO

NF ISO 6787, ISO 6787, DIN 3117, ASME B107.100

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Good access to the button = easy setting.
- Non-protruding moving jaw at maximum capacity.
- Pre-adjustment of jaw opening thanks to millimetric gradation.
- Right-hand button rotation.
- Range from 4" to 12".
- Presentation: chromed body and polished head faces.

| №         | A [mm] | B [mm] | C x C1 [mm] | E [mm] | E1 [mm] | E2 [mm] | E3 [mm] | E4 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|-----------|--------|--------|-------------|--------|---------|---------|---------|---------|--------|---------|--------|
| 113A.4CF  | 13     | 34,0   | 11,0 x 14,0 | 14     | 9,5     | 5,0     | 6,5     | 5,0     | 114    | 13      | 65     |
| 113A.6CF  | 20     | 45,0   | 14,8 x 18,5 | 18,5   | 11,8    | 6,0     | 8,3     | 5,8     | 155    | 19      | 125    |
| 113A.10CF | 30     | 69,5   | 21,5 x 28,5 | 28,5   | 15,5    | 9,5     | 12,7    | 10,0    | 255    | 29      | 480    |
| 113A.12CF | 34     | 80,0   | 25,0 x 31,0 | 31     | 18,0    | 10,2    | 13,0    | 10,0    | 306    | 34      | 700    |

Socket wrenches FLUO - 1/4" Ratchets FLUO

1/4" Ratchets FLUO

Ratchets - Sockets FLUO

74AF - Forged socket wrenches with metric screwdriver handle - FLUO



- NF ISO 2236, NF ISO 691, ISO 2236, ISO 691, DIN 3125, DIN ISO 691
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
  - Socket wrenches with screwdriver handle ideal for screws with limited access in height or precision mechanics.
  - Protwist screwdriver handle for optimum comfort even for powerful unlocking.
  - 6-point socket with deep opening for long threads.
  - Forged body for maximum strength.
  - Metric sizes: 3.2 to 14 mm.
  - Presentation: satin chrome finish.

| ➤        | A [mm] | d1 [mm] | E [mm] | L [mm] | L1 [mm] | L2 [mm] | ΔΔ [g] |
|----------|--------|---------|--------|--------|---------|---------|--------|
| 74A.32F  | 3,2    | 6,0     | 36     | 245    | 125     | 20      | 110    |
| 74A.4F   | 4,0    | 7,0     | 36     | 245    | 125     | 20      | 115    |
| 74A.4,5F | 4,5    | 7,5     | 36     | 245    | 125     | 25      | 120    |
| 74A.5F   | 5,0    | 8,0     | 36     | 245    | 125     | 25      | 120    |
| 74A.5,5F | 5,5    | 8,0     | 36     | 245    | 125     | 30      | 120    |
| 74A.6F   | 6,0    | 9,5     | 36     | 245    | 125     | 35      | 125    |
| 74A.7F   | 7,0    | 9,5     | 36     | 245    | 125     | 35      | 130    |
| 74A.8F   | 8,0    | 12,0    | 36     | 245    | 125     | 50      | 155    |
| 74A.9F   | 9,0    | 12,0    | 36     | 245    | 125     | 50      | 160    |
| 74A.10F  | 10,0   | 14,5    | 40     | 250    | 125     | 50      | 200    |
| 74A.11F  | 11,0   | 16,0    | 40     | 250    | 125     | 50      | 210    |
| 74A.12F  | 12,0   | 17,0    | 40     | 250    | 125     | 50      | 210    |
| 74A.13F  | 13,0   | 18,5    | 40     | 250    | 125     | 55      | 250    |
| 74A.14F  | 14,0   | 20,0    | 40     | 250    | 125     | 55      | 255    |

1/4" maintenance free pear head locking ratchet - FLUO



- NF ISO 3315, ISO 3315, DIN 3122, ASME B107.10
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
  - Socket locking and quick release system.
  - Dust proof, maintenance free mechanism.
  - 72 teeth mechanism for 5° increments.
  - Drive direction switch allows easy reversal even with gloved or greasy hands.
  - Palm control system - allows the operator to press down on the head avoiding risk of accidental reverse
  - Ultra-compact head.
  - Hook for hanging when working at height.
  - Ergonomic comfort grip handle design resistant to workshop chemicals and solvents.

| ➤       | d [mm] | d1 [mm] | H [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|---------|--------|---------|--------|--------|---------|--------|
| RL.171F | 22     | 78      | 20     | 120    | 25      | 110    |

1/4" Hi-Lok® ratchet - FLUO



- ISO 3315
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
  - Specific ratchet for use on Hi-Lok®, Hi-Lite® or Hi-Tigue® rivets.
  - The sockets are locked onto square drive by a metal clip.
  - Hole in the ratchet head to insert a key to lock the fastener during the tightening phase.
  - Highly compact head for better accessibility.
  - 1/4" square drive bit.
  - 72 tooth mechanism for 5° increments.
  - Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.

| ➤         | d [mm] | d1 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|-----------|--------|---------|--------|---------|--------|
| RL.161HLF | 22     | 20      | 120    | 110     | 78     |

1/4" fast ratchet with rotating handle - FLUO

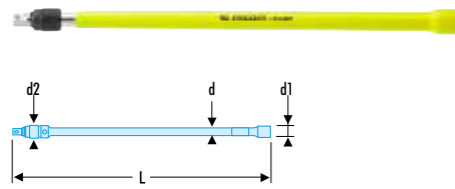


- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Rotating handle mechanism: work twice faster in confined spaces.
- 60 tooth mechanism for 6° increments upon final tightening.
- Socket safety locking: no sockets lost in your machines.
- Reversing by rotating cap.
- "Palm control" system, allowing to press the ratchet head during (un)tightening without risk of accidental reversing of the rotation direction.
- Bi-material elastomer grip: high resistance to abrasion and the most severe workshop solvents: SP95, SP98, diesel fuel, acetone, brake fluid, Skydrol, Jet Oil, kerosene.

| ➤      | d [mm] | d1 [mm] | H [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|--------|--------|---------|--------|--------|---------|--------|
| R.360F | 27     | 21      | 29     | 120    | 120     | 160    |

1/4" Ratchets FLUO

1/4" drive locking extensions - FLUO



FLUO

NF ISO 3316, ISO 3316, DIN 3123, ASME B107.10

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Locking mechanism.
- Finish: bright chrome.

| Ref      | d [mm] | d1 [mm] | d2 [mm] | L [mm] | ΔΔ [g] |
|----------|--------|---------|---------|--------|--------|
| R.210RCF | 8,2    | 12      | 13      | 100    | 45     |
| R.215RCF | 8,2    | 12      | 13      | 150    | 60     |
| R.217RCF | 8,2    | 12      | 13      | 250    | 100    |

65.PEF Bit-holder ratchet wrench 1/4" - 5/16" - FLUO



FLUO

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Takes the following bits:
  - Series 1: hexagon 1/4".
  - Series 2: hexagon 5/16".
- Used for installing 1/4" and 5/16" aircraft fasteners.
- Increment: 5°.
- Heads angled at 15°.
- Bits held by a spring clip.
- Knurled head for fast pre-tightening.
- Length 150 mm.
- Satin chrome finish.
- Weight: 74 g.

R.236CF 1/4" drive short spinner - FLUO



FLUO

NF ISO 3315, ISO 3315, DIN 3122, ASME B107.10

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Ergonomic bi-material grip.
- Ideal for confined spaces.
- Weight: 76 g.

R.236AF 1/4" drive medium spinner - FLUO



FLUO

NF ISO 3315, ISO 3315, DIN 3122, ASME B107.10

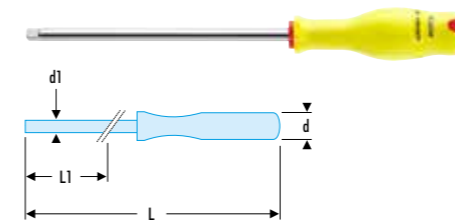
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Ergonomic bi-material grip.
- Ideal for confined spaces.
- Weight: 79 g.

1/4" Ratchets FLUO - 1/4" Sockets FLUO

Ratchets - Sockets FLUO

3

1/4" drive standard spinner - FLUO



FLUO

NF ISO 3315, ISO 3315, DIN 3122, ASME B107.10

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Ergonomic bi-material grip.
- Ideal for confined spaces.

| Ref     | d [mm] | d1 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|---------|--------|---------|--------|---------|--------|
| R.227AF | 23,5   | 8       | 260    | 160     | 125    |

1/4" to 3/8" coupler - FLUO



FLUO

NF ISO 3316, ISO 3316, DIN 3123, ASME B107.10

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- 1/4" female to 3/8" male square drive.
- For adapting 3/8" drive sockets.
- Finish: bright chrome.

| Ref    | d [mm] | d1 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|--------|--------|---------|--------|---------|--------|
| R.232F | 12     | 12      | 24,5   | 13,5    | 16     |

1/4" drive standard spring-clip bit holder - FLUO



FLUO

NF ISO 1173, ISO 1173

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Spring clip for frequent bit changes.
- Finish: bright chrome.

| Ref    | A ["] | d [mm] | L [mm] | ΔΔ [g] |
|--------|-------|--------|--------|--------|
| R.235F | 1/4   | 11,3   | 22     | 10     |

R.FLUO 1/4" drive metric 6-point sockets - FLUO



FLUO

NF ISO 2725-1, NF ISO 1711-1, ISO 2725-1, ISO 1711-1, DIN 3124, ASME B107.5

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- OGV® profile: more powerful tightening, preserves fasteners.
- Finish: bright chrome.
- Available as sets on metal rack (Ref R.40E).

| Ref       | A [mm] | d [mm] | d1 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|-----------|--------|--------|---------|--------|---------|--------|
| R.3.2FLUO | 3,2    | 11,2   | 5,9     | 22     | 2,4     | 7,30   |
| R.4FLUO   | 4,0    | 11,2   | 6,9     | 22     | 2,6     | 7,70   |
| R.5FLUO   | 5,0    | 11,2   | 8,2     | 22     | 4,8     | 8,10   |
| R.5.5FLUO | 5,5    | 11,2   | 8,8     | 22     | 4,8     | 8,40   |
| R.6FLUO   | 6,0    | 11,2   | 9,4     | 22     | 5,6     | 8,60   |
| R.7FLUO   | 7,0    | 11,0   | 11,0    | 22     | 6,0     | 9,20   |
| R.8FLUO   | 8,0    | 12,0   | 12,0    | 22     | 6,5     | 11,50  |
| R.9FLUO   | 9,0    | 13,2   | 13,2    | 22     | 6,5     | 14,30  |
| R.10FLUO  | 10,0   | 14,7   | 14,7    | 22     | 7,8     | 17,70  |
| R.11FLUO  | 11,0   | 15,8   | 15,8    | 22     | 9,0     | 19,40  |
| R.12FLUO  | 12,0   | 17,0   | 17,0    | 22     | 9,50    | 23,20  |
| R.13FLUO  | 13,0   | 17,7   | 17,7    | 22     | 10,00   | 23,70  |
| R.14FLUO  | 14,0   | 18,7   | 18,7    | 22     | 10,00   | 26,10  |

1/4" Sockets FLUO

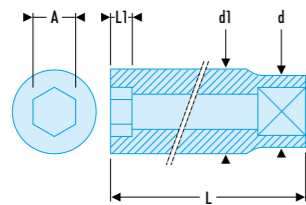
1/4" Sockets FLUO - 3/8" Ratchets FLUO

Ratchets - Sockets FLUO

R 1/4" drive inch 6-point sockets - FLUO



FLUO



ASME B107.1

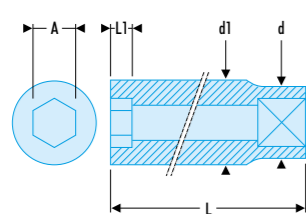
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- OGV® profile: more powerful tightening, preserves fasteners.
- Finish: bright chrome.
- Available as rack set (Ref R.40U).

| ➤           | A ["] | d [mm] | d1 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|-------------|-------|--------|---------|--------|---------|--------|
| R.3/16FLUO  | 3/16  | 11,2   | 8,0     | 22     | 4,75    | 8,20   |
| R.7/32FLUO  | 7/32  | 11,2   | 9,0     | 22     | 5,50    | 8,30   |
| R.1/4FLUO   | 1/4   | 11,2   | 10,1    | 22     | 6,00    | 9,30   |
| R.9/32FLUO  | 9/32  | 11,0   | 11,0    | 22     | 6,00    | 8,90   |
| R.5/16FLUO  | 5/16  | 12,0   | 12,0    | 22     | 6,50    | 11,50  |
| R.11/32FLUO | 11/32 | 13,2   | 13,2    | 22     | 6,50    | 14,50  |
| R.3/8FLUO   | 3/8   | 14,7   | 14,7    | 22     | 7,80    | 17,80  |
| R.13/32FLUO | 13/32 | 14,7   | 14,7    | 22     | 7,80    | 17,00  |
| R.7/16FLUO  | 7/16  | 15,8   | 15,8    | 22     | 9,00    | 19,50  |
| R.1/2FLUO   | 1/2   | 17,7   | 17,7    | 22     | 10,00   | 24,50  |
| R.9/16FLUO  | 9/16  | 18,7   | 18,7    | 22     | 10,00   | 25,20  |

R.EF 1/4" drive inch 12-point sockets - FLUO



FLUO



ASME B107.1

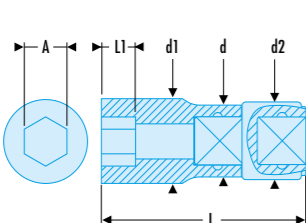
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- OGV® profile: more powerful tightening, preserves fasteners.
- Finish: bright chrome.

| ➤         | A ["] | ⌀ [mm] | d [mm] | d1 [mm] | d3 [mm] | H [mm] | L [mm] | L1 [mm] | L2 [mm] | ΔΔ [g] |
|-----------|-------|--------|--------|---------|---------|--------|--------|---------|---------|--------|
| R.3/16EF  | 3/16  | 12     | 11,2   | 8,0     | 8,20    | 8,0    | 22     | 4,75    | 4,75    | 8,20   |
| R.7/32EF  | 7/32  | 12     | 11,2   | 9,0     | 8,30    | 9,0    | 22     | 5,50    | 5,50    | 8,30   |
| R.1/4EF   | 1/4   | 12     | 11,2   | 10,1    | 9,30    | 10,1   | 22     | 6,00    | 6,00    | 9,30   |
| R.9/32EF  | 9/32  | 12     | 11,2   | 10,6    | 8,90    | 10,6   | 22     | 6,00    | 6,00    | 8,90   |
| R.5/16EF  | 5/16  | 12     | 12,0   | 12,0    | 11,50   | 12,0   | 22     | 6,50    | 6,50    | 11,50  |
| R.11/32EF | 11/32 | 12     | 13,0   | 13,0    | 14,50   | 13,0   | 22     | 6,50    | 6,50    | 14,50  |
| R.3/8EF   | 3/8   | 12     | 14,7   | 14,7    | 17,80   | 14,7   | 22     | 7,80    | 7,80    | 17,80  |
| R.13/32EF | 13/32 | 12     | 14,7   | 14,7    | 17,00   | 14,7   | 22     | 7,80    | 7,80    | 17,00  |
| R.7/16EF  | 7/16  | 12     | 15,8   | 15,8    | 19,5    | 15,8   | 22     | 9,00    | 9,00    | 19,5   |
| R.1/2EF   | 1/2   | 12     | 17,7   | 17,7    | 24,5    | 17,7   | 22     | 10,00   | 10,00   | 24,5   |
| R.9/16EF  | 9/16  | 12     | 18,7   | 18,7    | 25,20   | 18,7   | 22     | 10,00   | 10,00   | 25,20  |

R.ELF - 1/4" long-reach metric 12-point sockets - FLUO



FLUO



NF ISO 2725-1, NF ISO 1711-1, ISO 2725-1, ISO 1711-1, DIN 3124, ASME B107.5

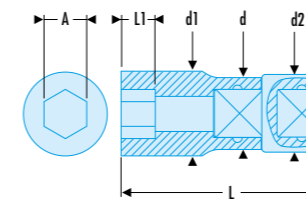
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- OGV® profile: more powerful tightening, preserves fasteners.
- Long-reach sockets for long recess or thread access.
- Available as rack sets (Ref REL.40U).
- Finish: bright chrome.

| ➤        | A [mm] | ⌀ [mm] | d [mm] | d1 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|----------|--------|--------|--------|---------|--------|---------|--------|
| R.4ELF   | 4      | 12     | 6,7    | 11,2    | 50     | 4       | 18     |
| R.4,5ELF | 4,5    | 12     | 7,3    | 11,2    | 50     | 4,5     | 18     |
| R.5ELF   | 5      | 12     | 7,8    | 11,2    | 50     | 5,5     | 18     |
| R.5,5ELF | 5,5    | 12     | 8,5    | 11,2    | 50     | 6       | 18     |
| R.6ELF   | 6      | 12     | 9,2    | 11,2    | 50     | 7       | 18     |
| R.7ELF   | 7      | 12     | 10,3   | 11,2    | 50     | 8       | 27     |
| R.8ELF   | 8      | 12     | 11,2   | 11,7    | 50     | 9       | 27     |
| R.9ELF   | 9      | 12     | 13     | 12      | 50     | 10      | 32     |
| R.10ELF  | 10     | 12     | 14,3   | 12,9    | 50     | 11      | 41     |
| R.11ELF  | 11     | 12     | 15,5   | 14,3    | 50     | 12      | 54     |
| R.12ELF  | 12     | 12     | 16,8   | 15,5    | 50     | 13      | 56     |
| R.13ELF  | 13     | 12     | 18     | 16,4    | 50     | 14      | 59     |
| R.14ELF  | 14     | 12     | 19,3   | 17,9    | 50     | 16      | 68     |

R.ELF 1/4" long-reach metric 12-point sockets - FLUO



FLUO



ASME B107.1

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- OGV® profile: more powerful tightening, preserves fasteners.
- Long-reach sockets for long recess or thread access.
- High performance, suitable for aircraft fasteners to AS954E.
- Thinner socket walls for better accessibility.
- Available as rack set (Ref REL.40U).
- Finish: bright chrome.

| ➤          | A ["] | ⌀ [mm] | d [mm] | d1 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|------------|-------|--------|--------|---------|--------|---------|--------|
| R.3/16ELF  | 3/16  | 12     | 10,9   | 7,7     | 50     | 6,0     | 14     |
| R.7/32ELF  | 7/32  | 12     | 10,9   | 8,5     | 50     | 7,4     | 15     |
| R.1/4ELF   | 1/4   | 12     | 10,9   | 9,4     | 50     | 7,4     | 17     |
| R.9/32ELF  | 9/32  | 12     | 10,9   | 10,2    | 50     | 8,5     | 17     |
| R.5/16ELF  | 5/16  | 12     | 11,8   | 11,4    | 50     | 9,0     | 23     |
| R.11/32ELF | 11/32 | 12     | 12,0   | 12,5    | 50     | 9,7     | 25     |
| R.3/8ELF   | 3/8   | 12     | 12,8   | 13,7    | 50     | 11,2    | 32     |
| R.7/16ELF  | 7/16  | 12     | 14,3   | 15,6    | 50     | 11,9    | 40     |
| R.1/2ELF   | 1/2   | 12     | 16,2   | 17,3    | 50     | 13,8    | 45     |
| R.9/16ELF  | 9/16  | 12     | 17,1   | 18,8    | 50     | 16,2    | 49     |

REL.40UF 11-piece rack set of 1/4" long-reach inch 12-point sockets - FLUO



FLUO

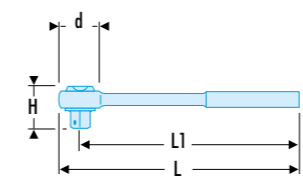
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- 11 sockets : 3/16" - 7/32" - 1/4" - 9/32" - 5/16" - 11/32" - 3/8" - 13/32" - 7/16" - 1/2" - 9/16".
- Supplied on metal rack.
- Weight : 345 g.

3/8" Ratchets FLUO

3/8" Hi-Lok® ratchet - FLUO



FLUO



ISO 3315

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Specific ratchet for use on Hi-Lok®, Hi-Lite® or Hi-Tigue® rivets.
- The sockets are locked onto square drive by a metal clip.
- Hole in the ratchet head to insert a key to lock the fastener during the tightening phase.
- Highly compact head for better accessibility.
- 3/8" square drive bit.
- 72 tooth mechanism for 5° increments.
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in dark environments up to 5 meters.

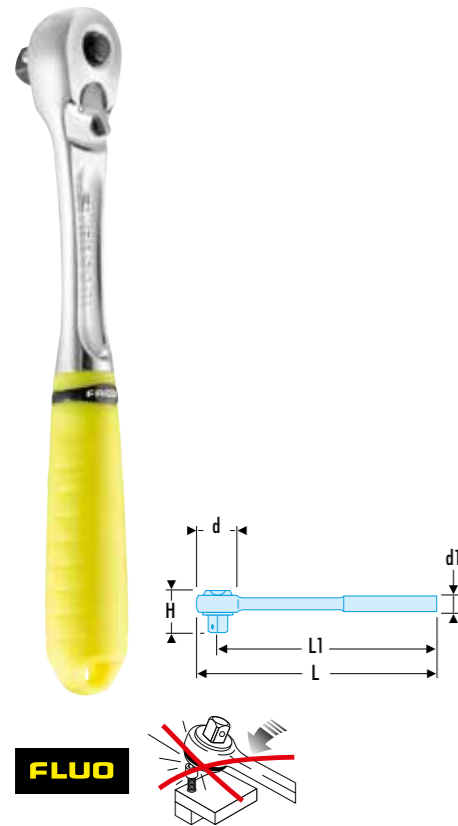
| ➤         | d [mm] | d1 [mm] | H [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|-----------|--------|---------|--------|--------|---------|--------|
| JL.161HLF | 29     | 27      | 29     | 210    | 195     | 200    |

3/8" Ratchet FLUO - 3/8" Sockets FLUO

3/8" Sockets FLUO - 1/2" Ratchet FLUO

Ratchets - Sockets FLUO

3/8" maintenance free pear head locking ratchet - FLUO



- NF ISO 3315, ISO 3315, DIN 3122, ASME B107.10
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
  - Socket locking and quick release system.
  - Dust proof, maintenance free mechanism.
  - 72 teeth mechanism for 5° increments.
  - Drive direction switch allows easy reversal even with gloved or greasy hands.
  - Palm control system - allows the operator to press down on the head avoiding risk of accidental reverse
  - Ultra-compact head.
  - Hook for hanging when working at height.
  - Ergonomic comfort grip handle design resistant to workshop chemicals and solvents.

| Ref     | d [mm] | d1 [mm] | H [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|---------|--------|---------|--------|--------|---------|--------|
| JL.171F | 29     | 27      | 27     | 210    | 195     | 200    |

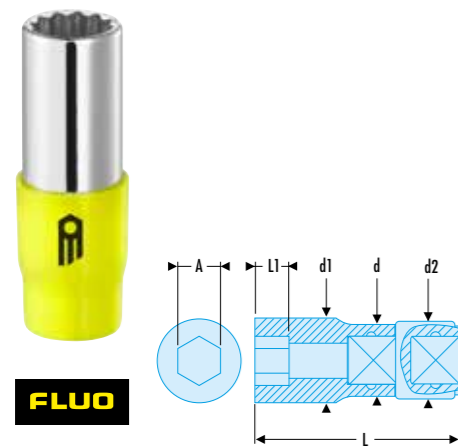
J.LAF - 3/8" inch 12-point sockets - FLUO



- ASME B107.1
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
  - OGV® profile: more powerful tightening, preserves fasteners.
  - Long-reach sockets for long recess or thread access.
  - Finish: bright chrome.

| Ref        | A ["] | ⚙ [mm] | d [mm] | d1 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|------------|-------|--------|--------|---------|--------|---------|--------|
| J.1/4LAF   | 1/4   | 12     | 17,5   | 10,6    | 44,7   | 4,0     | 36     |
| J.5/16LAF  | 5/16  | 12     | 17,5   | 12,4    | 44,7   | 4,3     | 36     |
| J.3/8LAF   | 3/8   | 12     | 17,5   | 14,3    | 44,7   | 4,7     | 41     |
| J.7/16LAF  | 7/16  | 12     | 17,5   | 16,2    | 44,7   | 6,2     | 45     |
| J.1/2LAF   | 1/2   | 12     | 18,2   | 18,2    | 44,7   | 7,4     | 50     |
| J.9/16LAF  | 9/16  | 12     | 20,5   | 20,5    | 48,0   | 9,0     | 72     |
| J.5/8LAF   | 5/8   | 12     | 22,3   | 22,3    | 63,8   | 10,2    | 104    |
| J.11/16LAF | 11/16 | 12     | 23,8   | 23,8    | 63,8   | 10,2    | 113    |
| J.3/4LAF   | 3/4   | 12     | 25,3   | 25,3    | 63,8   | 11,8    | 127    |
| J.13/16LAF | 13/16 | 12     | 27,0   | 27,0    | 63,8   | 12,3    | 140    |
| J.7/8LAF   | 7/8   | 12     | 30,2   | 30,2    | 63,8   | 12,7    | 181    |

J.FLUO- 3/8" inch 12-point sockets - FLUO

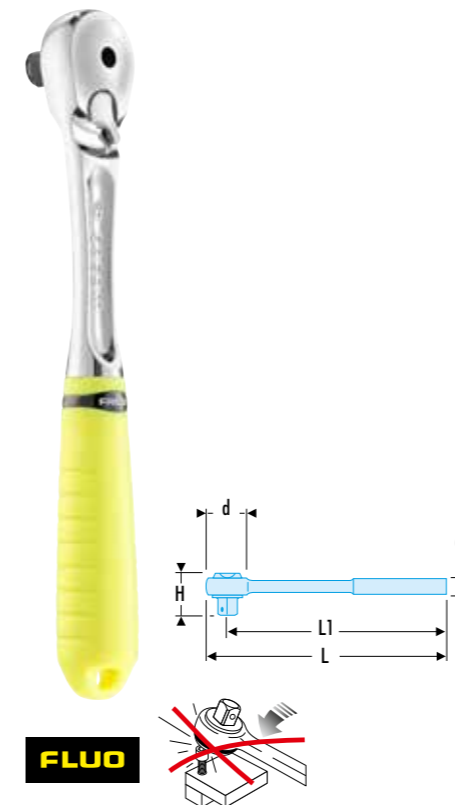


- ASME B107.1
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
  - OGV® profile: more powerful tightening, preserves fasteners.
  - Available as rack sets (Ref J.40U).
  - Finish: bright chrome.

| Ref         | A ["] | ⚙ [mm] | d [mm] | d1 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|-------------|-------|--------|--------|---------|--------|---------|--------|
| J.1/4FLUO   | 1/4   | 12     | 17,5   | 10,0    | 27     | 6,0     | 24     |
| J.5/16FLUO  | 5/16  | 12     | 17,5   | 11,9    | 27     | 6,5     | 25     |
| J.3/8FLUO   | 3/8   | 12     | 17,6   | 14,1    | 27     | 7,5     | 26     |
| J.7/16FLUO  | 7/16  | 12     | 17,5   | 16,0    | 27     | 9,0     | 27     |
| J.1/2FLUO   | 1/2   | 12     | 17,5   | 18,1    | 30     | 10,4    | 36     |
| J.9/16FLUO  | 9/16  | 12     | 17,7   | 19,5    | 30     | 10,5    | 34     |
| J.5/8FLUO   | 5/8   | 12     | 20,0   | 22,0    | 30     | 12,0    | 46     |
| J.11/16FLUO | 11/16 | 12     | 21,0   | 24,0    | 33     | 13,0    | 74     |
| J.3/4FLUO   | 3/4   | 12     | 22,7   | 26,0    | 33     | 14,0    | 76     |
| J.13/16FLUO | 13/16 | 12     | 23,0   | 28,0    | 33     | 16,0    | 79     |
| J.7/8FLUO   | 7/8   | 12     | 24,7   | 29,7    | 33     | 16,5    | 104    |

1/2" Ratchet FLUO

1/2" Hi-Lok® ratchet - FLUO



- ISO 3315
- Specific ratchet for use on Hi-Lok®, Hi-Lite® or Hi-Tigue® rivets.
  - The sockets are locked onto square drive by a metal clip.
  - Hole in the ratchet head to insert a key to lock the fastener during the tightening phase.
  - Highly compact head for better accessibility.
  - 1/2" square drive bit.
  - 72 tooth mechanism for 5° increments.
  - Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in dark environments up to 5 meters.

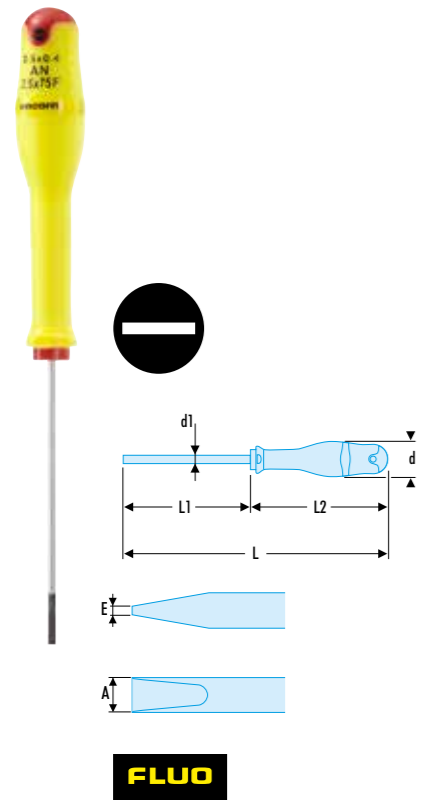
| Ref       | d [mm] | d1 [mm] | H [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|-----------|--------|---------|--------|--------|---------|--------|
| SL.161HLF | 37     | 32      | 37     | 262    | 245     | 446    |

PROTWIST® screwdrivers FLUO

PROTWIST® screwdrivers FLUO

Screwdrivers FLUO

ANF - PROTWIST® screwdrivers for slotted head screws - milled blades - FLUO

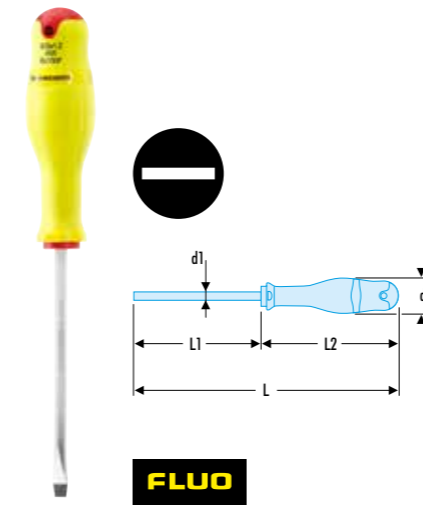


NF ISO 2380-1, NF ISO 2380-2, ISO 2380-1, ISO 2380-2, DIN ISO 2380-1, DIN ISO 2380-2, ASME B107.600

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Round shank for access in wells.
- Extra-long shank up to 300 mm for difficult and remote access.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed blade.

| Ref        | A [mm] | E [mm] | d [mm] | d1 x L1 [mm] | L [mm] | L2 [mm] | ΔΔ [g] |
|------------|--------|--------|--------|--------------|--------|---------|--------|
| AN2X75F    | 2,0    | 0,4    | 19     | 2,0 x 75     | 169    | 94      | 18     |
| AN2.5X75F  | 2,5    | 0,4    | 19     | 2,5 x 75     | 169    | 94      | 21     |
| AN3X75F    | 3,5    | 0,6    | 25     | 3,5 x 75     | 178    | 103     | 41     |
| AN3.5X75F  | 3,5    | 0,6    | 25     | 3,5 x 75     | 178    | 103     | 41     |
| AN3X100F   | 3,0    | 0,5    | 25     | 3,0 x 100    | 203    | 103     | 33     |
| AN3.5X100F | 3,5    | 0,6    | 25     | 3,5 x 100    | 203    | 103     | 43     |
| AN4X35F    | 4,0    | 0,8    | 36     | 4,0 x 35     | 91     | 56      | 36     |
| AN4X100F   | 4,0    | 0,8    | 30     | 4,0 x 100    | 209    | 109     | 47     |
| AN4X150F   | 4,0    | 0,8    | 30     | 4,0 x 150    | 259    | 109     | 52     |
| AN5.5X100F | 5,5    | 1,0    | 30     | 5,5 x 100    | 209    | 109     | 82     |
| AN5.5X150F | 5,5    | 1,0    | 30     | 5,5 x 150    | 259    | 109     | 91     |
| AN6.5X35F  | 6,5    | 1,2    | 36     | 6,5 x 35     | 91     | 56      | 46     |
| AN6.5X150F | 6,5    | 1,2    | 36     | 6,5 x 150    | 270    | 120     | 140    |

AWF - PROTWIST® screwdrivers for slotted head screws - hexagonal blades - FLUO

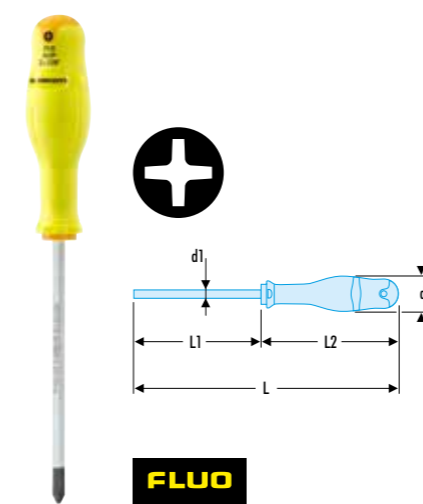


NF ISO 2380-1, NF ISO 2380-2, ISO 2380-1, ISO 2380-2, DIN ISO 2380-1, DIN ISO 2380-2, ASME B107.600

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Hexagonal blade for optimum reliability and performance.
- Extra-long shank up to 250 mm for difficult and remote access.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed blade.

| Ref       | d [mm] | d1 x L1 [mm] | L [mm] | L2 [mm] | ΔΔ [g] |
|-----------|--------|--------------|--------|---------|--------|
| AW8X150F  | 40     | 7 x 150      | 275    | 125     | 220    |
| AW10X200F | 40     | 9 x 200      | 325    | 125     | 255    |

AWPF - PROTWIST® screwdrivers for Phillips® screws - hexagonal blade - FLUO

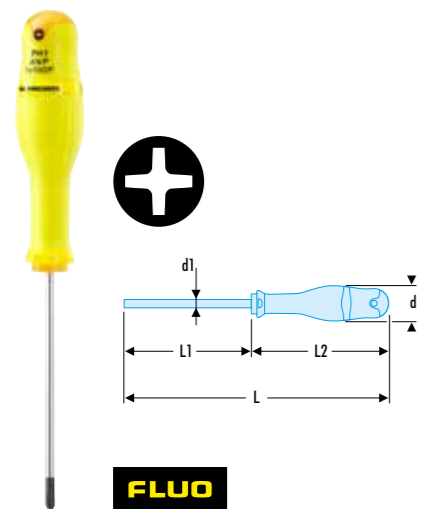


NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Hexagonal blade for optimum reliability and performance.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed blade.

| Ref       | Phillips [No] | d [mm] | d1 x L1 [mm] | L [mm] | L2 [mm] | ΔΔ [g] |
|-----------|---------------|--------|--------------|--------|---------|--------|
| AWP2X125F | PH2           | 36     | 6 x 125      | 245    | 120     | 130    |

ANPF - PROTWIST® screwdrivers for Phillips® screws - round blades - FLUO

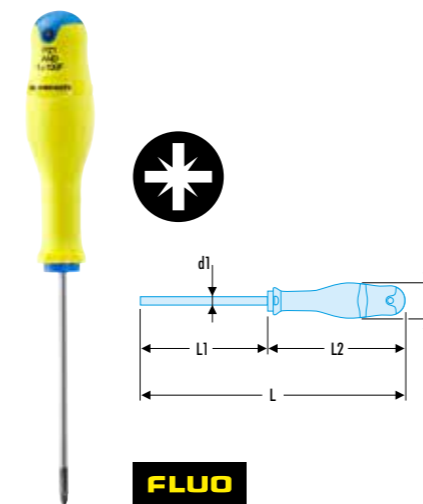


NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Extra-long blade up to 400 mm for difficult and remote access.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed blade.

| Ref       | Phillips [No] | d [mm] | d1 x L1 [mm] | L [mm] | L2 [mm] | ΔΔ [g] |
|-----------|---------------|--------|--------------|--------|---------|--------|
| ANP0X75F  | PH0           | 25     | 3,0 x 75     | 178    | 103     | 45     |
| ANP1X35F  | PH1           | 36     | 4,5 x 35     | 91     | 56      | 39     |
| ANP1X100F | PH1           | 30     | 4,5 x 100    | 209    | 109     | 76     |
| ANP1X250F | PH1           | 30     | 4,5 x 250    | 359    | 109     | 99     |
| ANP2X35F  | PH2           | 36     | 6,0 x 35     | 91     | 56      | 44     |
| ANP2X125F | PH2           | 36     | 6,0 x 125    | 245    | 120     | 126    |
| ANP2X250F | PH2           | 36     | 6,0 x 250    | 370    | 120     | 153    |
| ANP2X400F | PH2           | 36     | 6,0 x 400    | 520    | 120     | 186    |
| ANP3X150F | PH3           | 40     | 8,0 x 150    | 275    | 125     | 194    |
| ANP4X200F | PH4           | 30     | 10,0 x 200   | 325    | 109     | 277    |

ANDF - PROTWIST® screwdrivers for Pozidriv® screws - round blades - FLUO



NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed round blade.

| Ref       | Pozidriv [No] | d [mm] | d1 x L1 [mm] | L [mm] | L2 [mm] | ΔΔ [g] |
|-----------|---------------|--------|--------------|--------|---------|--------|
| AND0X75F  | PZ0           | 25     | 3,0 x 75     | 178    | 103     | 45     |
| AND1X100F | PZ1           | 30     | 4,5 x 100    | 209    | 109     | 76     |
| AND1X250F | PZ1           | 30     | 4,5 x 250    | 359    | 109     | 99     |
| AND2X125F | PZ2           | 36     | 6,0 x 125    | 245    | 120     | 126    |
| AND2X250F | PZ2           | 36     | 6,0 x 250    | 370    | 120     | 153    |
| AND3X150F | PZ3           | 40     | 8,0 x 150    | 275    | 125     | 194    |
| AND1X35F  | PZ1           | 36     | 4,5 x 35     | 91     | 56      | 40     |
| AND2X35F  | PZ2           | 36     | 6,0 x 35     | 91     | 56      | 45     |



PROTWIST® screwdrivers FLUO

PROTWIST® screwdrivers FLUO

Screwdrivers FLUO

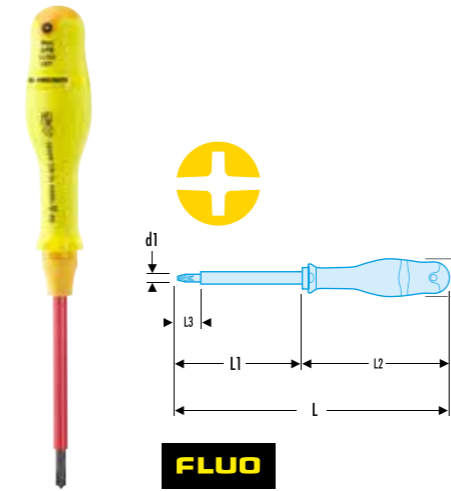
ANXR - PROTWIST® screwdrivers for Resistorx® screws - FLUO



- Fluorescent tool, detectable by ultraviolet light. Detectable in dark and dimly lit areas for 3 meters.
- Compliant with Resistorx® specifications.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed blade.

| Ref         | A [mm] | Resistorx [No] | d [mm] | d1 x L1 [mm] | L [mm] | L2 [mm] | ΔΔ [g] |
|-------------|--------|----------------|--------|--------------|--------|---------|--------|
| ANXR10X75F  | 2,74   | TT10           | 25     | 3,0 x 75     | 184    | 109     | 50     |
| ANXR15X75F  | 3,26   | TT15           | 30     | 3,5 x 75     | 185    | 110     | 61     |
| ANXR20X100F | 3,84   | TT20           | 36     | 4,0 x 100    | 220    | 120     | 67     |
| ANXR25X100F | 4,40   | TT25           | 36     | 5,0 x 100    | 220    | 120     | 113    |
| ANXR27X100F | 4,96   | TT27           | 36     | 5,5 x 100    | 220    | 120     | 113    |
| ANXR30X125F | 5,49   | TT30           | 36     | 6,0 x 125    | 245    | 120     | 126    |
| ANXR40X150F | 6,60   | TT40           | 40     | 7,0 x 150    | 275    | 125     | 173    |

APB.VEF - PROTWIST® BORNEO® screwdrivers for mixed heads - Phillips® - FLUO



- Detect the tool thanks to its fluorescence, activated by a UV lamp or neon tube. Detectable in black or dark environment up to 3 metres.
- Screwdrivers designed specifically for mixed head screws found in electrical appliances.
- Tighter screwing = safety.
- Less slipping for better sensations and lesser wear.
- Longer screwdriver durability.
- For your safety, each screwdriver is tested individually at 10000 Volts for 10 seconds, at the end of the manufacturing cycle.
- Bi-material grip resists to impacts, abrasion, and chemicals.

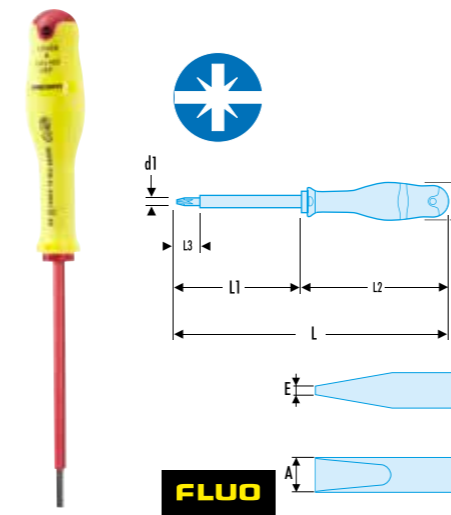
| Ref         | Phillips [No] | d [mm] | d1 [mm] | L [mm] | L1 [mm] | L2 [mm] | L3 [mm] | ΔΔ [g] |
|-------------|---------------|--------|---------|--------|---------|---------|---------|--------|
| APB1X100VEF | PH1           | 30     | 5       | 210    | 100     | 110     | 18      | 80     |
| APB2X125VEF | PH2           | 36     | 6       | 245    | 125     | 120     | 18      | 136    |

ANP.J6F Set of 6 fluorescent PROTWIST® screwdrivers + 1 12-LED UV lamp-ANP.J6F



- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Contains:
  - 4 x PROTWIST® screwdriver for slotted screws - milled blades - FLUO - AN2.5X75F - AN4X100F - AN5.5X150F - AN6.5X150F .
  - 2 x screwdriver for Phillips screws PROTWIST® Phillips® - round blades - FLUO - ANP1X100F - ANP2X125F .
  - 1 UV lamp - PBC.UVLAMP .

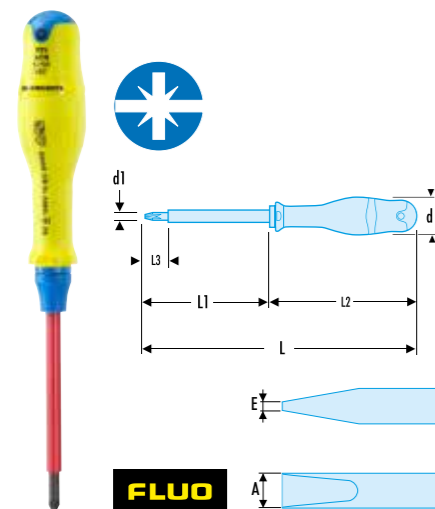
A.VEF - PROTWIST® BORNEO® screwdrivers for mixed heads - Pozidriv® - FLUO



- NF ISO 2380-1, NF ISO 2380-2, NF EN 60900, ISO 2380-1, ISO 2380-2, EN 60900, DIN ISO 2380-1, DIN ISO 2380-2, DIN EN 60900, ASME B107.600
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
  - Screwdrivers designed specifically for mixed head screws found in electrical appliances.
  - Tighter screwing = safety.
  - Less slipping for better sensations and lesser wear.
  - Longer screwdriver durability.
  - For your safety, each screwdriver is tested individually at 10000 Volts for 10 seconds, at the end of the manufacturing cycle.
  - Bi-material grip resists to impacts, abrasion, and chemicals.

| Ref         | A [mm] | E [mm] | d [mm] | L [mm] | L1 [mm] | L2 [mm] | L3 [mm] | ΔΔ [g] |
|-------------|--------|--------|--------|--------|---------|---------|---------|--------|
| A2.5X75VEF  | 2,5    | 0,4    | 25     | 178    | 58      | 103     | 18      | 75     |
| A3.5X100VEF | 3,5    | 0,6    | 25     | 204    | 82      | 104     | 18      | 85     |
| A4X100VEF   | 4,0    | 0,8    | 30     | 210    | 82      | 110     | 18      | 90     |
| A5.5X125VEF | 5,5    | 1,0    | 30     | 235    | 106,5   | 110     | 18      | 130    |

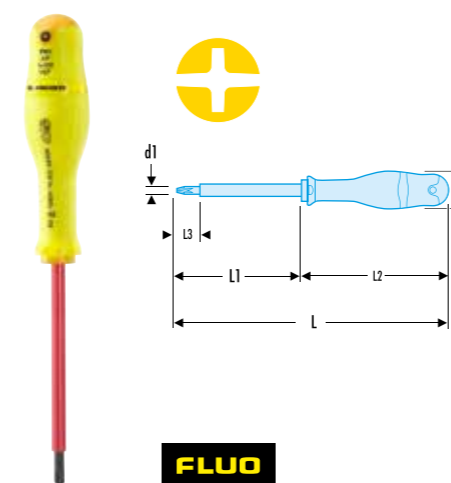
ADB.VEF - PROTWIST® BORNEO® screwdrivers for mixed heads - Pozidriv® - FLUO



- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Screwdrivers designed specifically for mixed head screws found in electrical appliances.
- Tighter screwing = safety.
- Less slipping for better sensations and lesser wear.
- Longer screwdriver durability.
- For your safety, each screwdriver is tested individually at 10000 Volts for 10 seconds, at the end of the manufacturing cycle.
- Bi-material grip resists to impacts, abrasion, and chemicals.

| Ref         | Pozidriv [No] | d [mm] | d1 [mm] | L [mm] | L1 [mm] | L2 [mm] | L3 [mm] | ΔΔ [g] |
|-------------|---------------|--------|---------|--------|---------|---------|---------|--------|
| ADB1X100VEF | PZ1           | 30     | 5       | 210    | 100     | 110     | 18      | 80     |
| ADB2X125VEF | PZ2           | 36     | 6       | 245    | 125     | 120     | 18      | 136    |

AP.VEF - PROTWIST® 1000 Volt insulated screwdrivers for Phillips® head screws - FLUO



- NF ISO 8764-1, NF ISO 8764-2, NF EN 60900, ISO 8764-1, ISO 8764-2, EN 60900, DIN ISO 8764-1, DIN ISO 8764-2, DIN EN 60900, ASME B107.600
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
  - For your safety, each screwdriver is tested individually at 10000 Volts for 10 seconds, at the end of the manufacturing cycle.
  - 1000 Volt sheathed round blade.
  - Bi-material grip resists to impacts, abrasion, and chemicals.

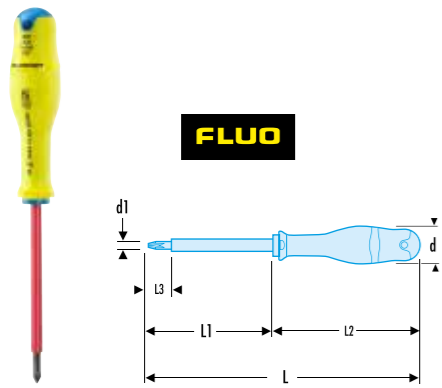
| Ref        | Phillips [No] | d [mm] | d1 [mm] | L [mm] | L1 [mm] | L2 [mm] | L3 [mm] | ΔΔ [g] |
|------------|---------------|--------|---------|--------|---------|---------|---------|--------|
| AP1X100VEF | PH1           | 30     | 4,5     | 210    | 81,5    | 110     | 18      | 120    |
| AP2X125VEF | PH2           | 36     | 6,0     | 245    | 106     | 120     | 18      | 170    |

PROTWIST® screwdrivers FLUO

Key sleeve set FLUO

Screwdrivers FLUO

AD.VEF - PROTWIST® 1000 Volt insulated screwdrivers for Pozidriv® screws - FLUO

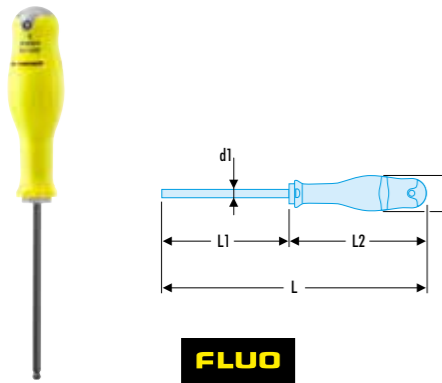


NF ISO 8764-1, NF ISO 8764-2, NF EN 60900, ISO 8764-1, ISO 8764-2, EN 60900, DIN ISO 8764-1, DIN ISO 8764-2, DIN EN 60900, ASME B107.600

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- For your safety, each screwdriver is tested individually at 10000 Volts for 10 seconds, at the end of the manufacturing cycle.
- 1000 Volt sheathed round blade.

|            | Pozidriv [No] | d [mm] | d1 [mm] | L [mm] | L1 [mm] | L2 [mm] | L3 [mm] | ΔΔ [g] |
|------------|---------------|--------|---------|--------|---------|---------|---------|--------|
| AD1X100VEF | PZ1           | 30     | 4,5     | 209    | 81,5    | 109     | 18      | 120    |
| AD2X125VEF | PZ2           | 36     | 6,0     | 245    | 106     | 120     | 18      | 170    |

AWSH.F - Spherical head spinner hexagon keys - FLUO



- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Bi-material ergonomic PROTWIST® handle for comfortable and reliable screwing.

|             | A [mm] | d [mm] | d1 x L1 [mm] | L [mm] | L2 [mm] | ΔΔ [g] |
|-------------|--------|--------|--------------|--------|---------|--------|
| AWSH2X75F   | 2,0    | 19     | 2,0 x 75     | 169    | 94      | 31     |
| AWSH2,5X75F | 2,5    | 19     | 2,5 x 75     | 169    | 94      | 33     |
| AWSH3X75F   | 3,0    | 19     | 3,0 x 75     | 169    | 94      | 35     |
| AWSH4X75F   | 4,0    | 25     | 4,0 x 75     | 178    | 103     | 45     |
| AWSH5X100F  | 5,0    | 30     | 5,0 x 100    | 208    | 109     | 80     |
| AWSH6X100F  | 6,0    | 36     | 6,0 x 100    | 220    | 120     | 120    |
| AWSH8X100F  | 8,0    | 36     | 8,0 x 100    | 220    | 120     | 180    |

83SH.JP8UF Set of hexagon keys in wallet - FLUO



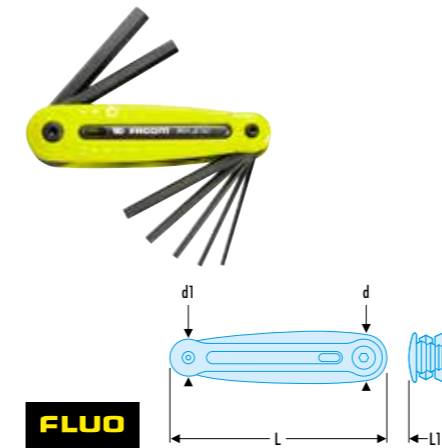
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- 8 keys 83SH in inches: 3/32 - 1/8 - 5/32 - 3/16 - 7/32 - 1/4 - 5/16 - 3/8".
- Very compact sleeve.
- Positive grip.
- Keys on 90° end stop for tightening.
- Keys in silicon steel issued from series 82H.
- Finish: phosphate-coated.
- Weight: 365 g

83SH.JP9F Set of hexagon keys in wallet - FLUO



- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- 9 metric keys 83SH: 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm.
- Very compact sleeve.
- Positive grip.
- Keys on 90° end stop for tightening.
- Keys in silicon steel issued from series 82H.
- Finish: phosphate-coated.
- Weight: 380 g.

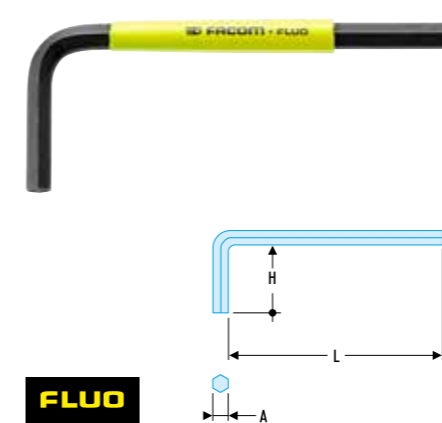
86H.F - Hexagon keys on sleeve - FLUO



- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Very compact sleeve.
- Positive grip.
- Keys on 90° end stop for tightening.
- Keys in silicon steel issued from series 82H.
- Finish: phosphate-coated.

|           | A [mm]                                   | A ["]                                        | d [mm] | d1 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|-----------|------------------------------------------|----------------------------------------------|--------|---------|--------|---------|--------|
| 86H.JE7AF | 2,5 - 3,0 - 4,0 - 5,0 - 6,0 - 8,0 - 10,0 | -                                            | 30     | 24      | 138    | 32      | 405    |
| 86H.JE7BF | 1,5 - 2,0 - 2,5 - 3,0 - 4,0 - 5,0 - 6,0  | -                                            | 22     | 18      | 118    | 28      | 147    |
| 86H.JU6F  | -                                        | 5/32 - 3/16 - 7/32 - 1/4 - 5/16 - 3/8        | 30     | 24      | 138    | 32      | 420    |
| 86H.JU7F  | -                                        | 1/16 - 5/64 - 3/32 - 1/8 - 5/32 - 3/16 - 1/4 | 22     | 18      | 118    | 28      | 142    |

82H.F - Short metric keys - FLUO

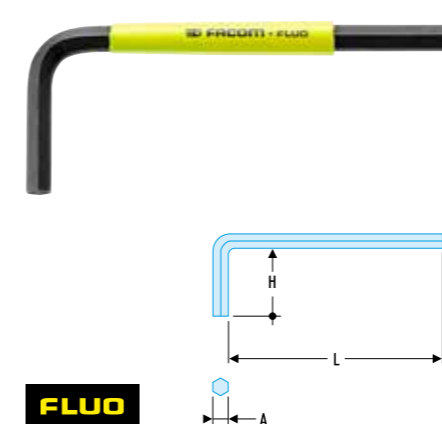


NF ISO 2936, ISO 2936, DIN ISO 2936, ASME B18.3.2M

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Manufactured in silicon steel.
- Finish: phosphate-coated.

|          | A [mm] | L [mm] | H [mm] | ΔΔ [g] |
|----------|--------|--------|--------|--------|
| 82H.0,9F | 0,9    | 38     | 12     | 0,30   |
| 82H.1,3F | 1,3    | 45     | 13     | 0,70   |
| 82H.1,5F | 1,5    | 45     | 13     | 0,9    |
| 82H.2F   | 2      | 50     | 16     | 2      |
| 82H.2,5F | 2,5    | 62     | 17     | 3      |
| 82H.3F   | 3      | 65     | 20     | 5      |
| 82H.3,5F | 3,5    | 66     | 22     | 8      |
| 82H.4F   | 4      | 70     | 25     | 10     |
| 82H.4,5F | 4,5    | 75     | 26     | 15     |
| 82H.5F   | 5      | 80     | 28     | 20     |
| 82H.6F   | 6      | 90     | 32     | 30     |
| 82H.7F   | 7      | 95     | 34     | 45     |
| 82H.8F   | 8      | 100    | 36     | 60     |
| 82H.9F   | 9      | 105    | 38     | 80     |
| 82H.10F  | 10     | 112    | 40     | 100    |
| 82H.11F  | 11     | 118    | 42     | 130    |
| 82H.12F  | 12     | 125    | 45     | 165    |
| 82H.13F  | 13     | 135    | 50     | 205    |

82H.F - Short inch keys - FLUO



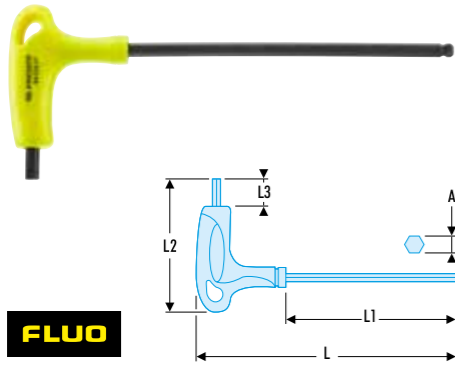
ASME B18.3

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Manufactured in silicon steel.
- Finish: phosphate-coated.

|           | A ["] | L [mm] | H [mm] | ΔΔ [g] |
|-----------|-------|--------|--------|--------|
| 82H.050F  | 0.50  | 38     | 12     | 0,40   |
| 82H.3/64F | 3/64  | 38     | 12     | 0,50   |
| 82H.1/16F | 1/16  | 45     | 13     | 0,70   |
| 82H.5/64F | 5/64  | 50     | 16     | 2      |
| 82H.3/32F | 3/32  | 62     | 17     | 3      |
| 82H.7/64F | 7/64  | 60     | 18     | 4      |
| 82H.1/8F  | 1/8   | 65     | 20     | 6      |
| 82H.9/64F | 9/64  | 66     | 22     | 8      |
| 82H.5/32F | 5/32  | 70     | 25     | 10     |
| 82H.3/16F | 3/16  | 80     | 28     | 16     |
| 82H.7/32F | 7/32  | 90     | 32     | 24     |
| 82H.1/4F  | 1/4   | 90     | 32     | 33     |
| 82H.5/16F | 5/16  | 100    | 36     | 59     |
| 82H.3/8F  | 3/8   | 112    | 40     | 90     |
| 82H.1/2F  | 1-Feb | 125    | 45     | 202    |
| 82H.5/8F  | 5/8   | 160    | 60     | 383    |
| 82H.7/8F  | 7/8   | 200    | 80     | 955    |

Hexagon keys FLUO, bits FLUO

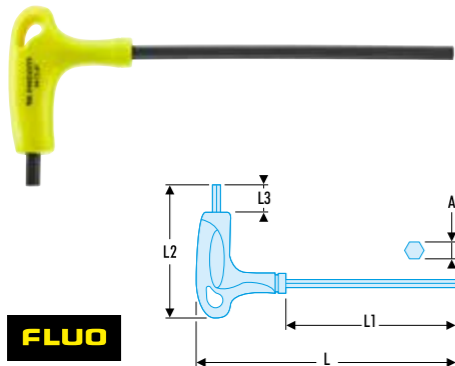
84TZS.F - Spherical head metric hexagon keys - FLUO



- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Ergonomic T handle for efficient use of the two ends of the key.
- The spherical head allows for screwing with a tilt angle up to 30°. Use the short hexagon key for tightening.
- Silicon steel.
- Finish: polished, phosphate-coated.

| Ref       | A [mm] | L [mm] | L1 [mm] | L2 [mm] | L3 [mm] | ΔΔ [g] |
|-----------|--------|--------|---------|---------|---------|--------|
| 84TZS.4F  | 4      | 183    | 130     | 77      | 12      | 58     |
| 84TZS.5F  | 5      | 183    | 130     | 77      | 12      | 70     |
| 84TZS.6F  | 6      | 240    | 175     | 95      | 15      | 112    |
| 84TZS.7F  | 7      | 240    | 175     | 95      | 15      | 120    |
| 84TZS.8F  | 8      | 240    | 175     | 95      | 15      | 125    |
| 84TZS.10F | 10     | 240    | 175     | 95      | 15      | 192    |

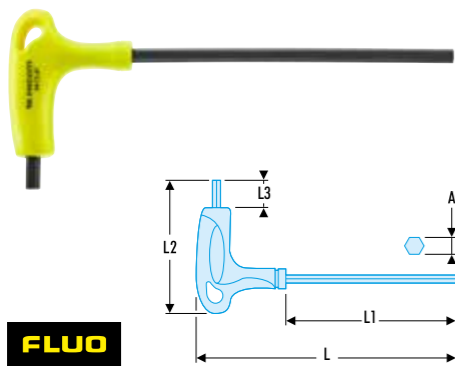
84TZ.F - Metric hexagon keys - FLUO



- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Ergonomic T handle for efficient use of the two ends of the key.
- Silicon steel.
- Finish: polished, phosphate-coated.

| Ref       | A [mm] | L [mm] | L1 [mm] | L2 [mm] | L3 [mm] | ΔΔ [g] |
|-----------|--------|--------|---------|---------|---------|--------|
| 84TZ.2.5F | 2.5    | 133    | 90      | 63      | 11      | 9      |
| 84TZ.3F   | 3      | 133    | 90      | 63      | 11      | 12     |
| 84TZ.4F   | 4      | 183    | 130     | 77      | 12      | 58     |
| 84TZ.5F   | 5      | 183    | 130     | 77      | 12      | 70     |
| 84TZ.6F   | 6      | 240    | 175     | 95      | 15      | 112    |
| 84TZ.8F   | 8      | 240    | 175     | 95      | 15      | 125    |
| 84TZ.10F  | 10     | 240    | 175     | 95      | 15      | 192    |

84TZ.F - Inch hexagon keys - FLUO



- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Ergonomic T handle for efficient use of the two ends of the key.
- Silicon steel.
- Finish: polished, phosphate-coated.

| Ref        | A ["] | L [mm] | L1 [mm] | L2 [mm] | L3 [mm] | ΔΔ [g] |
|------------|-------|--------|---------|---------|---------|--------|
| 84TZ.5/32F | 5/32  | 183    | 130     | 77      | 12      | 58     |
| 84TZ.3/16F | 3/16  | 183    | 130     | 77      | 12      | 65     |
| 84TZ.7/32F | 7/32  | 240    | 175     | 95      | 15      | 80     |
| 84TZ.1/4F  | 1/4   | 240    | 175     | 95      | 15      | 115    |
| 84TZ.3/8F  | 5/16  | 240    | 175     | 95      | 15      | 180    |
| 84TZ.5/16F | 3/8   | 240    | 175     | 95      | 15      | 125    |

BV.E1063F Empty box 63 bits - FLUO



- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.

Bits FLUO

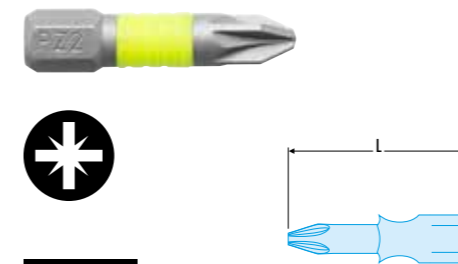
Screwdrivers FLUO

E.1063F Set of 63 bits - FLUO



- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- contains:
  - 7 x High Perf ' series 1 for Phillips screws Pozidriv® - ED.102TF .
  - 7 x standard series 1 for screw caps 6 metric hollow sections - EH.104TF .
  - 7 x High Perf tips ' series 1 for Phillips screws Phillips® - EP.101TF .
  - 7 x High Perf tips ' series 1 for Phillips screws Phillips® - EP.102TF .
  - 7 x standard series 1 recessed screw caps for Torq Set® - ETORM.102TF .
  - 7 x standard series 1 recessed screw caps for Torq Set® - ETORM.104TF .
  - 7 x standard series 1 recessed screw caps for Torq Set® - ETORM.106TF .
  - 7 x 1 standard serial bits for Torx® screws - EX.115TF .
  - 7 x 1 standard serial bits for Torx® screws - EX.120TF .

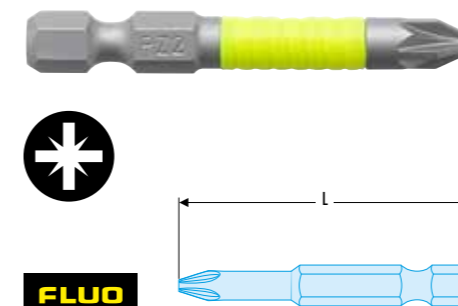
ED.1TF - High Perf' bits series 1 for Pozidriv® screws - FLUO



- NF ISO 2351-2, NF ISO 1173, ISO 2351-2, ISO 1173, DIN ISO 2351-2
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
  - For intense manual screwing.
  - Drive 1/4" - 6.35 mm.

| Ref      | Pozidriv [No] | L [mm] | ΔΔ [g] |
|----------|---------------|--------|--------|
| ED.101TF | PZ1           | 25     | 3,50   |
| ED.102TF | PZ2           | 25     | 4,00   |
| ED.103TF | PZ3           | 25     | 4,20   |

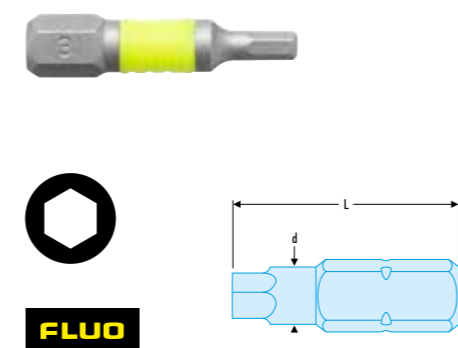
ED.60TF - High Perf' bits series 6 for Pozidriv® screws - FLUO



- NF ISO 2351-2, NF ISO 1173, ISO 2351-2, ISO 1173, DIN ISO 2351-2
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
  - Drive 1/4" - 6.35 mm with groove.

| Ref      | Pozidriv [No] | L [mm] | ΔΔ [g] |
|----------|---------------|--------|--------|
| ED.601TF | PZ1           | 50     | 8,70   |
| ED.602TF | PZ2           | 50     | 10,00  |
| ED.603TF | PZ3           | 50     | 11,50  |

EH.1TF - Screw bits series 1 for metric countersunk hex head screws - FLUO



- NF ISO 2351-3, NF ISO 1173, ISO 2351-3, ISO 1173, DIN ISO 2351-3
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
  - For manual screwing.
  - Drive 1/4" - 6.35 mm.

| Ref        | Ø [mm] | L [mm] | ΔΔ [g] |
|------------|--------|--------|--------|
| EH.101.5TF | 1,5    | 25     | 5      |
| EH.102.5TF | 2,5    | 25     | 5      |
| EH.102TF   | 2,0    | 25     | 5      |
| EH.103TF   | 3,0    | 25     | 5      |
| EH.104TF   | 4,0    | 25     | 5      |
| EH.105TF   | 5,0    | 25     | 6      |

Bits FLUO

Bits FLUO

Screwdrivers FLUO

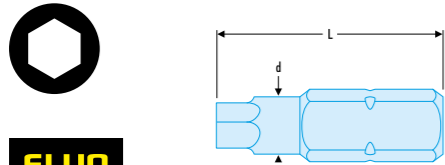
EH.1FT - Screw bits series 1 for inch countersunk hex head screws - FLUO



NF ISO 1173, ISO 1173

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- For manual screwing.
- Drive 1/4" - 6.35 mm.

| Ref         | A ["] | L [mm] | ΔΔ [g] |
|-------------|-------|--------|--------|
| EH.101/8TF  | 1/8   | 25     | 5      |
| EH.103/16TF | 3/16  | 25     | 5      |
| EH.105/32TF | 5/32  | 25     | 5      |
| EH.107/32TF | 7/32  | 25     | 6      |
| EH.107/64TF | 1/8   | 25     | 6      |
| EH.109/64TF | 7/32  | 25     | 8      |
| EH.3/32TF   | 3/32  | 25     | 8      |
| EH.5/64TF   | 5/64  | 25     | 8      |



FLUO

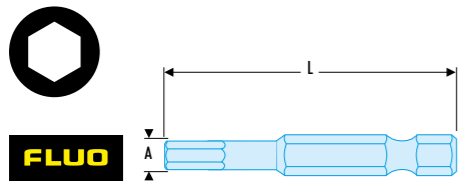
EH.6FT - Standard bits series 6 for countersunk hex screws - FLUO



NF ISO 2351-3, NF ISO 1173, ISO 2351-3, ISO 1173, DIN ISO 2351-3

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Drive 1/4" - 6.35 mm with groove.

| Ref      | Ø [mm] | L [mm] | ΔΔ [g] |
|----------|--------|--------|--------|
| EH.603TF | 3      | 50     | 14,40  |
| EH.605TF | 5      | 50     | 15,00  |



FLUO

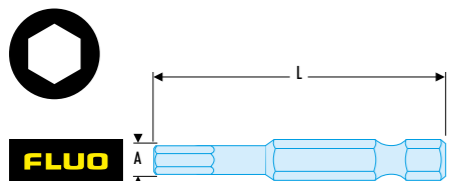
EH.6TF - Screw bits series 6 for inch countersunk hex head screws - FLUO



NF ISO 2351-3, NF ISO 1173, ISO 2351-3, ISO 1173, DIN ISO 2351-3

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Drive 1/4" - 6.35 mm with groove.

| Ref         | L [mm] | ΔΔ [g] |
|-------------|--------|--------|
| EH.601/8TF  | 50     | 7      |
| EH.603/16TF | 50     | 8      |
| EH.605/32TF | 50     | 8      |
| EH.607/32TF | 50     | 0      |



FLUO

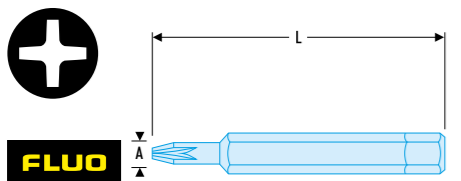
EP.1TF - Standard bits series 1 for Phillips® screws - FLUO



NF ISO 2351-2, NF ISO 1173, ISO 2351-2, ISO 1173, DIN ISO 2351-2

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- For manual screwing.
- Drive 1/4" - 6.35 mm.

| Ref      | Phillips [No] | L [mm] | ΔΔ [g] |
|----------|---------------|--------|--------|
| EP.101TF | PH1           | 25     | 3,50   |
| EP.102TF | PH2           | 25     | 4,00   |
| EP.103TF | PH3           | 25     | 4,20   |



FLUO

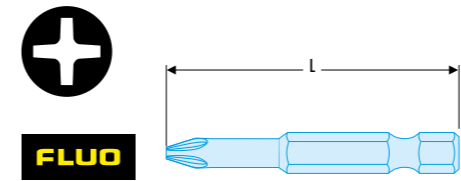
EP.6TF - Standard bits series 6 for Phillips® screws - FLUO



NF ISO 2351-2, NF ISO 1173, ISO 2351-2, ISO 1173, DIN ISO 2351-2

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Drive 1/4" - 6.35 mm with groove.

| Ref      | Phillips [No] | L [mm] | ΔΔ [g] |
|----------|---------------|--------|--------|
| EP.601TF | PH1           | 50     | 6      |
| EP.602TF | PH2           | 50     | 8      |
| EP.603TF | PH3           | 50     | 11,50  |



FLUO

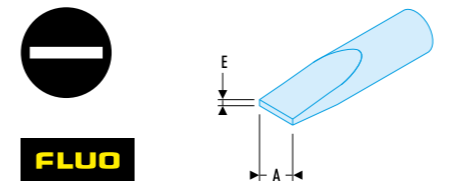
ES.1TF - High Perf' bits series 1 for slotted head screws - FLUO



NF ISO 2351-1, NF ISO 1173, ISO 2351-1, ISO 1173, DIN ISO 2351-1

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- For intense manual screwing.
- Drive 1/4" - 6.35 mm.

| Ref        | A [mm] | E [mm] | L [mm] | ΔΔ [g] |
|------------|--------|--------|--------|--------|
| ES.134.5TF | 4,5    | 0,6    | 25     | 3      |
| ES.135.5TF | 5,5    | 0,8    | 25     | 3      |



FLUO

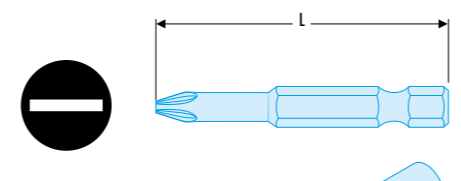
ES.6TF - Standard bits series 6 for slotted head screws - FLUO



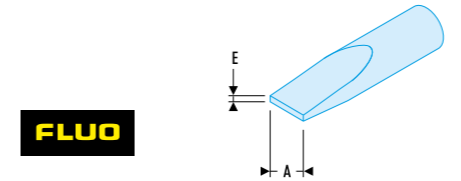
NF ISO 2351-2, NF ISO 1173, ISO 2351-2, ISO 1173, DIN ISO 2351-2

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Drive 1/4" - 6.35 mm with groove.

| Ref        | L [mm] | ΔΔ [g] |
|------------|--------|--------|
| ES.634.5TF | 50     | 14     |



FLUO



FLUO

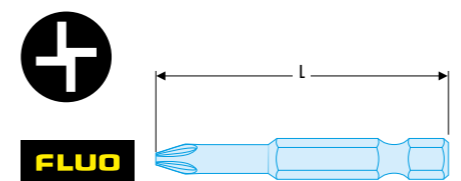
ETOR.1TF - Standard bits series 1 for Torq Set® head screws - FLUO



NF ISO 1173, ISO 1173

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- For manual screwing.
- Drive 1/4" - 6.35 mm.

| Ref        | L [mm] | ΔΔ [g] |
|------------|--------|--------|
| ETOR.100TF | 25     | 5,5    |
| ETOR.101TF | 25     | 5,5    |



FLUO

Bits FLUO

ETORM.1TF - Standard bits series 1 for Torq Set® head screws - FLUO

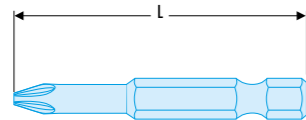


NF ISO 1173, ISO 1173

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- For manual screwing.
- Drive 1/4" - 6.35 mm.



FLUO



|             | Torq-set [No] | L [mm] | ΔΔ [g] |
|-------------|---------------|--------|--------|
| ETORM.102TF | 2             | 25     | 6      |
| ETORM.103TF | 3             | 25     | 6      |
| ETORM.104TF | 4             | 25     | 6      |
| ETORM.105TF | 5             | 25     | 6      |
| ETORM.106TF | 6             | 25     | 6      |

ETORM.6TF - Standard bits series 6 for Torq Set® head screws - FLUO

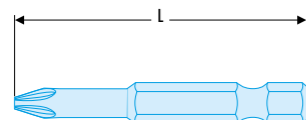


NF ISO 1173, ISO 1173

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Drive 1/4" - 6.35 mm with groove.



FLUO



|             | Torq-set [No] | L [mm] | ΔΔ [g] |
|-------------|---------------|--------|--------|
| ETORM.602TF | 2             | 50     | 12     |
| ETORM.603TF | 3             | 50     | 12     |
| ETORM.604TF | 4             | 50     | 12     |
| ETORM.605TF | 5             | 50     | 12     |
| ETORM.606TF | 6             | 50     | 12     |

ETRI.1TF - Standard bits series 1 for Tri-wing head screws - FLUO

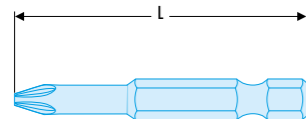


NF ISO 1173, ISO 1173

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- For manual screwing.
- Drive 1/4" - 6.35 mm.



FLUO



|            | L [mm] | ΔΔ [g] |
|------------|--------|--------|
| ETRI.101TF | 25     | 5,5    |
| ETRI.102TF | 25     | 5,5    |
| ETRI.103TF | 25     | 5,5    |
| ETRI.104TF | 25     | 5,5    |
| ETRI.105TF | 25     | 5,5    |

EX.1TF - Standard bits series 1 for Torx® screws - FLUO

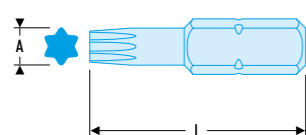


NF ISO 1173, ISO 1173

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Compliant with Torx® specifications.
- For manual screwing.
- Drive 1/4" - 6.35 mm.



FLUO



|          | A [mm] | Torx [No] | L [mm] | ΔΔ [g] |
|----------|--------|-----------|--------|--------|
| EX.108TF | 2,30   | T8        | 25     | 5      |
| EX.109TF | 2,48   | T9        | 25     | 5      |
| EX.110TF | 2,72   | T10       | 25     | 5      |
| EX.115TF | 3,26   | T15       | 25     | 5      |
| EX.120TF | 3,84   | T20       | 25     | 6      |
| EX.125TF | 4,40   | T25       | 25     | 6      |
| EX.127TF | 4,96   | T27       | 25     | 6      |
| EX.130TF | 5,49   | T30       | 25     | 6      |

Bits FLUO

Screwdrivers FLUO

EX.6TF - Standard bits series 6 for Torx® screws - FLUO

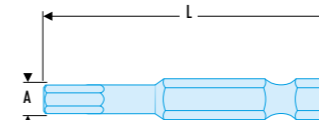


NF ISO 1173, ISO 1173

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Compliant with Torx® specifications.
- Drive 1/4" - 6.35 mm with groove.



FLUO



|          | Torx [No] | L [mm] | ΔΔ [g] |
|----------|-----------|--------|--------|
| EX.608TF | T8        | 70     | 7,90   |
| EX.609TF | T9        | 70     | 8,10   |
| EX.610TF | T10       | 70     | 8,40   |
| EX.615TF | T15       | 70     | 8,60   |
| EX.620TF | T20       | 70     | 9,80   |
| EX.625TF | T25       | 70     | 11,50  |
| EX.627TF | T27       | 70     | 12,90  |
| EX.630TF | T30       | 70     | 14,50  |

EF.F - 1/4" drive lock-ring bit holder - FLUO



NF ISO 2725-3, NF ISO 1173, ISO 2725-3, ISO 1173, DIN 3124

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Bit lock.
- Square drive has side-hole for ball or plunger lock.

FLUO

|       | A ["] | L [mm] | Carré ["] | ΔΔ [g] |
|-------|-------|--------|-----------|--------|
| EF.RF | 1/4   | 30     | 1/4       | 26     |
| EF.JF | 1/4   | 43     | 3/8       | 48     |

EF.6RF Socket holder - 1/4" square drive - FLUO



NF ISO 1173, ISO 1173

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Drive 1/4" - 6.35 mm.
- Locking by plunger.
- Length: 50 mm.
- Weight: 16 g.

FLUO

EF.6RLF Long socket holder - 1/4" square drive - FLUO



NF ISO 1173, ISO 1173

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Drive 1/4" - 6.35 mm.
- Locking by plunger.
- Length: 100 mm.
- Weight: 38 g.

FLUO

Bit holders and accessories FLUO

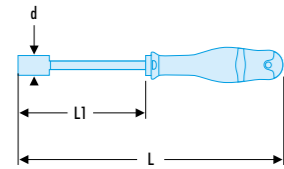
Engineers multigrip pliers FLUO

Pliers FLUO

AM.M2F PROTWIST® bit holder screwdriver - FLUO



- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Bi-material ergonomic handle for comfortable and reliable screwing.
- AM.M2: Long magnetic model.



FLUO

EP.6P4F Magnetic snap ring bit holder - FLUO



NF ISO 1173, ISO 1173

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- 1/4" drive - 6.35 mm.
- Length: 75 mm.
- Weight: 36 g

FLUO

EF.6P5F Locking ring bit holder - FLUO



NF ISO 1173, ISO 1173

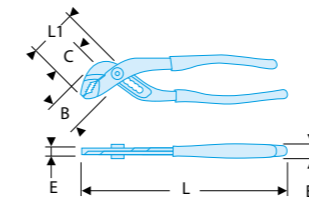
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- 1/4" drive - 6.35 mm.
- Fast bit changing.
- Length: 51 mm.
- Weight: 31 g

FLUO

Standard multigrip pliers - FLUO



- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Ergonomic handle for comfortable use.
- Self-gripping teeth.
- Antipinch finger protection.
- 8 positions (6 for the 170A.18).
- Smooth rack and pinion system reduces the risk of jamming
- PVC grips.



FLUO

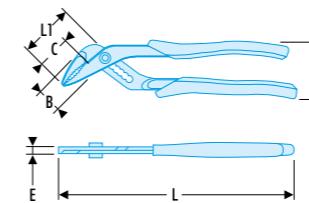
| Ref      | B [mm] | C [mm] | E [mm] | E1 [mm] | H [mm] | L [mm] | L1 [mm] | Capacity Nuts [mm] | Capacity maxi tube [mm] | ΔΔ [g] |
|----------|--------|--------|--------|---------|--------|--------|---------|--------------------|-------------------------|--------|
| 170A.25F | 34     | 34     | 8      | 17      | 58     | 250    | 54      | 40                 | 44                      | 330    |

Slip-joint multigrip pliers - FLUO



NF ISO 8976, ISO 8976, DIN ISO 8976, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Capacity: 44 mm.
- Ideal for confined spaces: Long reach thin noses.
- Double heat-treated tips: high wear resistance, hardness 60/62 HRC.
- Finish: chromed, bi-material ergonomic grips.



FLUO

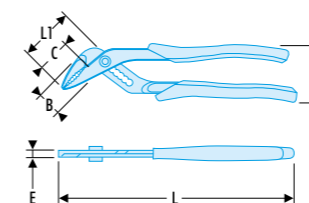
| Ref      | B [mm] | C [mm] | E [mm] | E1 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|----------|--------|--------|--------|---------|--------|---------|--------|
| 180.CPEF | 30     | 35     | 8      | 22      | 250    | 58      | 360    |

181A - Locking twin slip-joint multigrip pliers - FLUO



NF ISO 8976, ISO 8976, DIN ISO 8976, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Fast, precise push-button adjustment with safety lock.
- 12-position notches.
- The closed position of the ergonomic comfort grip handles increases the tightening power.
- High torsional strength.
- Slim-profile self-gripping nose.
- 62 HRC high-frequency treated jaws.
- Finish:
  - Chromed, bi-material ergonomic grips: 181A.CPE.
  - Varnish finish, PVC grips: 181A.G.



FLUO

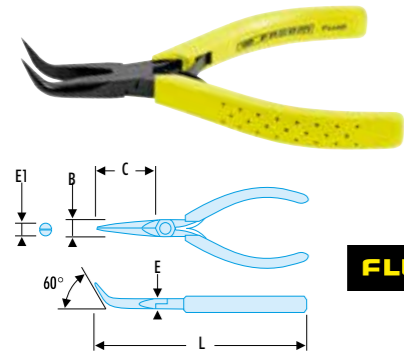
| Ref         | B [mm] | C [mm] | E [mm] | L [mm] | L1 [mm] | Cut | ΔΔ [g] |
|-------------|--------|--------|--------|--------|---------|-----|--------|
| 181A.18CPEF | 22     | 24     | 7,5    | 185    | 48      | 36  | 230    |
| 181A.25CPEF | 28     | 28     | 7,5    | 245    | 54      | 41  | 360    |

Electrical engineers pliers FLUO

Electrical engineers pliers FLUO

Pliers FLUO

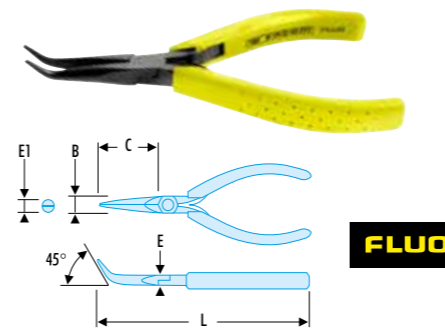
Micro-Tech® 60° angled rigid nose grippers - FLUO



NF ISO 9655, ISO 9655, DIN ISO 9655, ASME B107.500  
 • Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.  
 Weight: 70 g.

| Ref     | B [mm] | C [mm] | E [mm] | E1 [mm] | L [mm] | ΔΔ [g] |
|---------|--------|--------|--------|---------|--------|--------|
| 423.MTF | 11     | 25     | 7      | 1,4     | 125    | 70     |

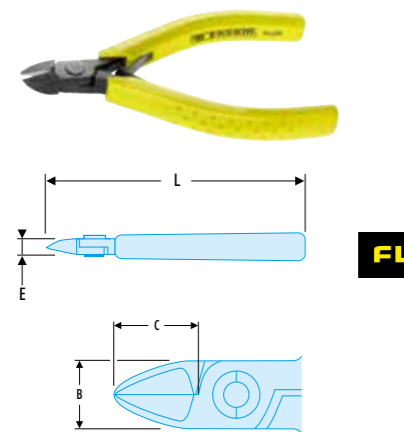
Micro-Tech® 45° angled thin nose grippers - FLUO



NF ISO 9655, ISO 9655, DIN ISO 9655, ASME B107.500  
 • Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.  
 • Fine mesh, for high precision works.  
 Weight: 75 g.

| Ref      | B [mm] | d [mm] | E [mm] | E1 [mm] | L [mm] | ΔΔ [g] |
|----------|--------|--------|--------|---------|--------|--------|
| 433.LMTF | 9      | 35     | 6      | 1,6     | 135    | 75     |

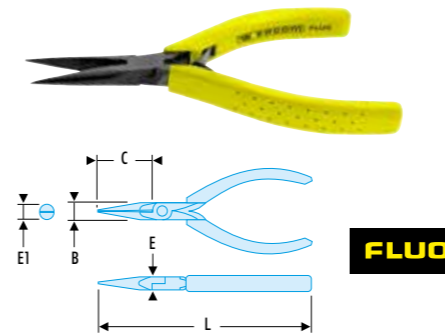
Micro-Tech® "rugged" cutters: versatility - FLUO



NF ISO 9654, ISO 9654, DIN ISO 9654, ASME B107.500  
 • Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.  
 • These pliers allow neat cutting of multiple materials: from copper wire to piano wire up to 0.5 mm.  
 • Fall prevention models avoid wire ejection.  
 Weight: 60 g.

| Ref        | B [mm] | C [mm] | E [mm] | L [mm] | Cu - Ni Ø [mm] | Fe 30 HRc diam. [mm] | ΔΔ [g] |
|------------|--------|--------|--------|--------|----------------|----------------------|--------|
| 405.10MTF  | 10,5   | 11,5   | 7      | 110    | 0,3 - 1,4      | 0,8                  | 60     |
| 405.10RMTF | 10,5   | 11,5   | 7      | 110    | 0,3 - 1,4      | 0,7                  | 60     |

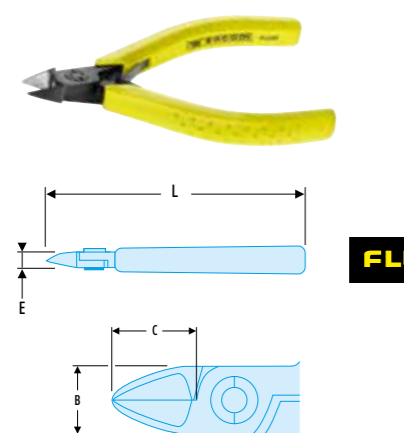
Micro-Tech® long and rigid nose grippers - FLUO



NF ISO 9655, ISO 9655, DIN ISO 9655, ASME B107.500  
 • Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.  
 Weight: 70 g.

| Ref     | B [mm] | d [mm] | E [mm] | E1 [mm] | L [mm] | ΔΔ [g] |
|---------|--------|--------|--------|---------|--------|--------|
| 422.MTF | 11     | 33     | 7      | 0,5     | 130    | 70     |

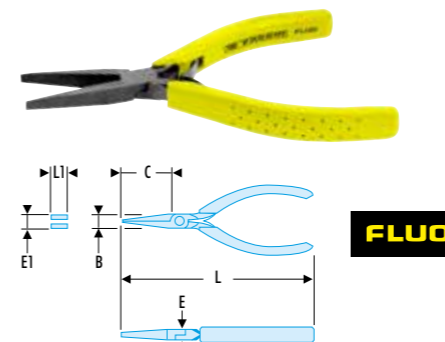
Micro-Tech® "compact" cutters: handling - FLUO



NF ISO 9654, ISO 9654, DIN ISO 9654, ASME B107.500  
 • Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.  
 • These pliers combine cutting performance with handling thanks to their new slim diagonal shape.  
 • Fall prevention models avoid wire ejection. The 405.MT pliers allow to cut piano wire up to 0.4 mm.  
 Weight: 60 g.

| Ref      | B [mm] | C [mm] | E [mm] | L [mm] | Cu - Ni Ø [mm] | Fe 30 HRc diam. [mm] | ΔΔ [g] |
|----------|--------|--------|--------|--------|----------------|----------------------|--------|
| 406.RMTF | 10,5   | 9,5    | 7      | 110    | 0,1 - 1,1      | 0,6                  | 60     |

Micro-Tech® flat spouts nose grippers - FLUO



NF ISO 9655, ISO 9655, DIN ISO 9655, ASME B107.500  
 • Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.  
 Weight: 70 g.

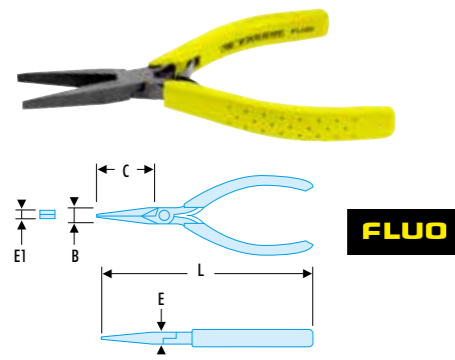
| Ref     | B [mm] | d [mm] | E [mm] | E1 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|---------|--------|--------|--------|---------|--------|---------|--------|
| 421.MTF | 11     | 33     | 7      | 1       | 130    | 5       | 70     |

Electrical engineers pliers FLUO

Pliers FLUO

Pliers FLUO

Micro-Tech® thin nose grippers - FLUO



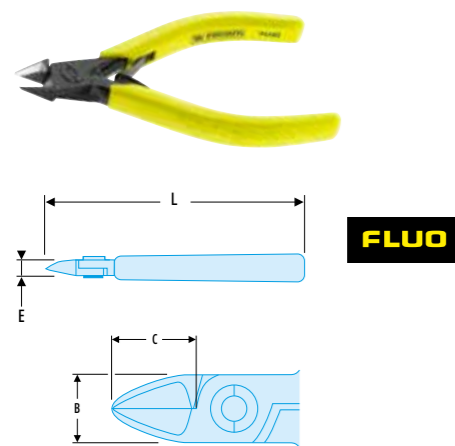
NF ISO 9655, ISO 9655, DIN ISO 9655, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Narrow mesh, for high precision works.

Weight: 80 g.

| Ref      | B [mm] | d [mm] | E [mm] | E1 [mm] | L [mm] | ΔΔ [g] |
|----------|--------|--------|--------|---------|--------|--------|
| 431.LMTF | 9      | 20     | 6      | 1       | 135    | 80     |

Micro-Tech® "machined" cutters - FLUO



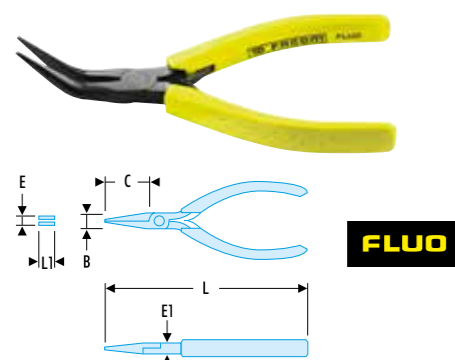
NF ISO 9654, ISO 9654, DIN ISO 9654, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Compact noses for difficult access.
- Fall prevention models avoid wire ejection.

Weight: 60 g.

| Ref      | B [mm] | C [mm] | E [mm] | L [mm] | Cu - Ni Ø [mm] | Fe 30 HRc diam. [mm] | ΔΔ [g] |
|----------|--------|--------|--------|--------|----------------|----------------------|--------|
| 416.RMTF | 10,5   | 10,5   | 7      | 110    | 0,1 - 0,9      | 0,5                  | 60     |

Micro-Tech® Half-round nose pliers - FLUO

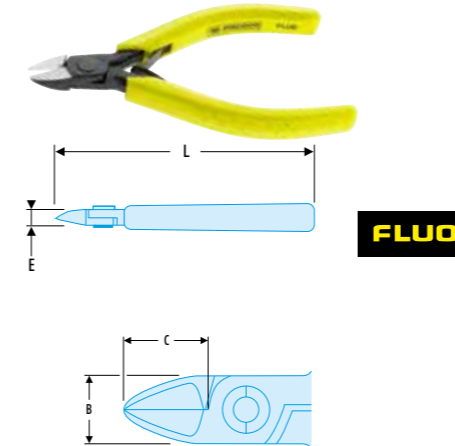


NF ISO 5745, ISO 5745, DIN ISO 5745, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- 402: Short smooth jaws.
- 442: Short serrated jaws with side wire-cutter (2 mm dia. copper, 1 mm dia. steel 100 kg/mm<sup>2</sup>).
- 403: Smooth jaws, angled 40°.
- Finish: Matt burnished finish, red grips - return spring.

| Ref  | B [mm] | C [mm] | E [mm] | E1 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|------|--------|--------|--------|---------|--------|---------|--------|
| 403F | 45     | 14     | 14     | 1,2     | 155    | 8       | 75     |

Micro-Tech® Diagonal cutters - FLUO

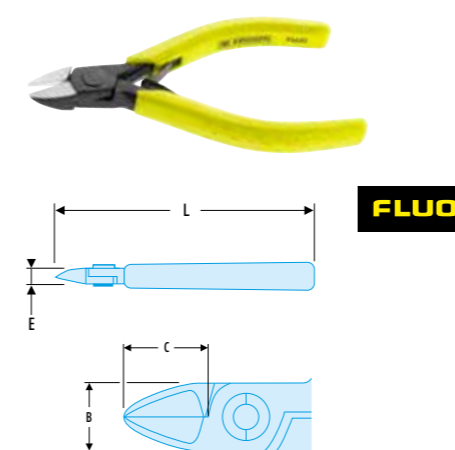


NF ISO 9654, ISO 9654, DIN ISO 9654, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- 405: Axial cut.
- 416 - 435: Semi-flush cut, slim nose.
- 425: Flush cut, nose extended 13 mm.
- Finish: Matt burnished finish, red grips - return spring.

| Ref  | B [mm] | C [mm] | E [mm] | L [mm] | Cu - Ni Ø [mm] | ΔΔ [g] |
|------|--------|--------|--------|--------|----------------|--------|
| 425F | 13,0   | 10,5   | 10,5   | 110    | 0,1 - 1,3      | 60     |

Micro-Tech® Diagonal cutters - FLUO



NF ISO 5749, ISO 5749, DIN ISO 5749, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- 405: Axial cut.
- 416 - 435: Semi-flush cut, slim nose.
- 425: Flush cut, nose extended 13 mm.
- Finish: Matt burnished finish, red grips - return spring.

| Ref     | B [mm] | C [mm] | E [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|---------|--------|--------|--------|--------|---------|--------|
| 405.12F | 16,0   | 16,0   | 16,0   | 120    | 8       | 95     |

Pliers FLUO

192.CPEF High-performance diagonal cutters - FLUO



NF ISO 5749, ISO 5749, DIN ISO 5749, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Cutting edges designed to cleanly cut all types of wire: piano wire, soft wires and modern materials 200 kg/mm<sup>2</sup>).
- Minimum cutting force thanks to long lever arm and offset axis.
- High durability Chrome-Molybdenum-Vanadium steel, very hard cutting edges 61/63 HRc.
- Ergonomic grips resistant to chemical agents.
- Removable return spring.
- Finish: chromed.
- For the 192.CPEF-R offset retainer built into the cutting edges: the wire does not fall after cutting, hence preserving the FOD work space.

| Ref          | B [mm] | C [mm] | E [mm] | L [mm] | ΔΔ [g] |
|--------------|--------|--------|--------|--------|--------|
| 192.14CPEF   | 21,5   | 15,5   | 9,5    | 145    | 160    |
| 192.16CPEF   | 24,0   | 18,0   | 10,0   | 160    | 200    |
| 192.20CPEF   | 28,0   | 22,0   | 11,5   | 200    | 320    |
| 192.14CPEF-R | 21,5   | 15,5   | 9,5    | 145    | 160    |
| 192.16CPEF-R | 24,0   | 18,0   | 10,0   | 160    | 200    |
| 192.20CPEF-R | 28,0   | 22,0   | 11,5   | 200    | 320    |

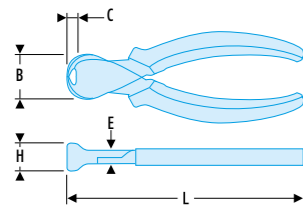


Pliers FLUO

Pliers FLUO

Pliers FLUO

190.CPEF - High-performance end cutters - FLUO



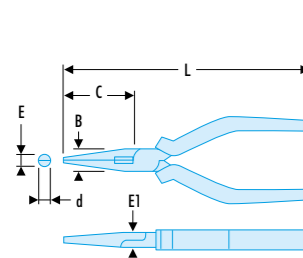
FLUO

NF ISO 5748, ISO 5748, DIN ISO 5748, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Cutting edges designed to cleanly cut all types of wire: piano wire, hard and soft wires (max. 200 kg/mm<sup>2</sup>).
- Long lever arm, offset pivot for minimum cutting effort.
- High durability Chrome-Molybdenum-Vanadium steel, very hard cutting edges 61/63 HRc.
- Ergonomic grips resistant to chemical agents.
- Removable return spring.
- Finish: chromed.

| Ref        | B [mm] | C [mm] | E [mm] | H [mm] | L [mm] | ΔΔ [g] |
|------------|--------|--------|--------|--------|--------|--------|
| 190.16CPEF | 28     | 6,5    | 11,5   | 23     | 160    | 200    |
| 190.20CPEF | 31     | 7,5    | 13,5   | 29     | 200    | 340    |

185.CPEF - Long half-round nose pliers - FLUO



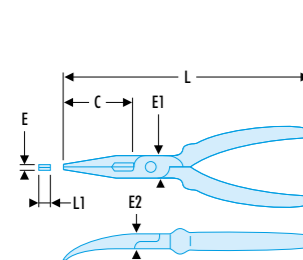
FLUO

NF ISO 5745, ISO 5745, DIN ISO 5745, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Narrow, finely serrated tips with a pipe-grip.
- Side cutter for copper and hard steel wire (max. 160 kg/mm<sup>2</sup>).
- 185: straight nose.
- 195: 40° angled nose.
- Ergonomic grips resistant to chemical agents.
- Removable return spring.
- Finish: chromed.
- For the 185.CPEF-R offset retainer built into the cutting edges: the wire does not fall after cutting, hence preserving the FOD work space.

| Ref          | B [mm] | C [mm] | d [mm] | E [mm] | E1 [mm] | L [mm] | ΔΔ [g] |
|--------------|--------|--------|--------|--------|---------|--------|--------|
| 185.20CPEF   | 18     | 75     | 75     | 3,6    | 9       | 200    | 192    |
| 185.20CPEF-R | 18     | 75     | 75     | 3,6    | 9       | 200    | 192    |

195.CPEF - Short half-round nose pliers - FLUO



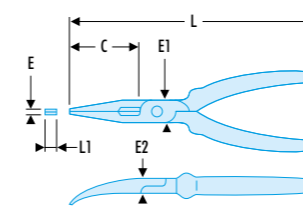
FLUO

NF ISO 5745, ISO 5745, DIN ISO 5745, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Narrow, finely serrated tips, 40° angled nose.
- Side cutter for copper and hard steel wire (max. 160 kg/mm<sup>2</sup>).
- Ergonomic grips resistant to chemical agents.
- Removable return spring.
- Finish: chromed.
- For the 195.CPEF-R offset retainer built into the cutting edges: the wire does not fall after cutting, hence preserving the FOD work space.

| Ref          | B [mm] | C [mm] | d [mm] | E [mm] | E1 [mm] | L [mm] | ΔΔ [g] |
|--------------|--------|--------|--------|--------|---------|--------|--------|
| 195.16CPEF   | 17     | 50     | 50     | 3      | 9       | 160    | 177    |
| 195.20CPEF   | 18     | 69     | 2,9    | 3,6    | 9       | 200    | 215    |
| 195.16CPEF-R | 17     | 50     | 50     | 3      | 9       | 160    | 177    |

183.CPEF - Half-round long snipe-nose pliers - FLUO



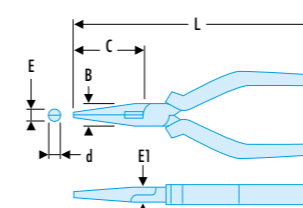
FLUO

NF ISO 5745, ISO 5745, DIN ISO 5745, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Narrow, finely serrated tips, 40° angled nose.
- Side cutter for copper and hard steel wire (max. 160 kg/mm<sup>2</sup>).
- Ergonomic grips resistant to chemical agents.
- Removable return spring.
- Finish: chromed.
- For the 183.CPEF-R offset retainer built into the cutting edges: the wire does not fall after cutting, hence preserving the FOD work space.

| Ref          | C [mm] | d [mm] | E [mm] | E1 [mm] | E2 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|--------------|--------|--------|--------|---------|---------|--------|---------|--------|
| 183.20CPEF   | 69     | 69     | 3      | 18      | 9       | 200    | 2,5     | 185    |
| 183.20CPEF-R | 69     | 69     | 3      | 18      | 9       | 200    | 2,5     | 185    |

Short half-round nose pliers - FLUO



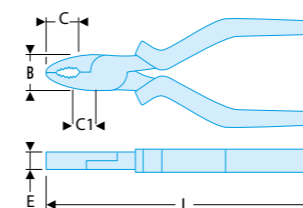
FLUO

NF ISO 5745, ISO 5745, DIN ISO 5745, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Narrow, finely serrated tips.
- Side cutter for copper and hard steel wire (max. 160 kg/mm<sup>2</sup>).
- Ergonomic grips resistant to chemical agents.
- Removable return spring.
- Finish: chromed.

| Ref        | B [mm] | d [mm] | E [mm] | E1 [mm] | L [mm] |
|------------|--------|--------|--------|---------|--------|
| 193.16CPEF | 17     | 50     | 3      | 9       | 160    |

187.CPEF - Combination pliers - FLUO



FLUO

NF ISO 5746, ISO 5746, DIN ISO 5746, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Cutting edges designed to cut all types of wire: piano wire, soft wires and modern materials (Fe 200 kg/mm<sup>2</sup>).
- Long lever arm, offset pivot for minimum cutting effort.
- High durability Chrome-Molybdenum-Vanadium steel, very hard cutting edges 61/63 HRc.
- Ergonomic grips resistant to chemical agents.
- Removable return spring.
- Finish: chromed.
- For the 187.CPEF-R offset retainer built into the cutting edges: the wire does not fall after cutting, hence preserving the FOD work space.

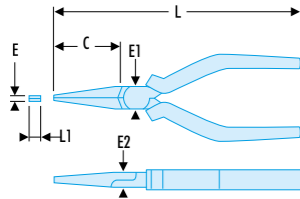
| Ref          | B [mm] | C [mm] | E [mm] | L [mm] | ΔΔ [g] |
|--------------|--------|--------|--------|--------|--------|
| 187.16CPEF   | 21     | 34     | 9,5    | 165    | 195    |
| 187.18CPEF   | 23     | 36     | 10,0   | 185    | 225    |
| 187.16CPEF-R | 21     | 34     | 9,5    | 165    | 195    |
| 187.18CPEF-R | 21     | 34     | 9,5    | 165    | 195    |

Pliers FLUO

Pliers FLUO, Circlips® pliers FLUO

Pliers FLUO

188.CPEF - Flat nose pliers - FLUO



FLUO

NF ISO 5745, ISO 5745, DIN ISO 5745, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Serrated nose for a firm grip.
- 188.E: snipe nose version for confined spaces.
- Ergonomic grips resistant to chemical agents.
- Removable return spring.
- Finish: chromed.

|            | C [mm] | E [mm] | E1 [mm] | E2 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|------------|--------|--------|---------|---------|--------|---------|--------|
| 188.16CPEF | 46     | 4,0    | 18      | 9       | 168    | 6,5     | 140    |
| 188.20CPEF | 75     | 4,0    | 18      | 9       | 200    | 6,5     | 200    |

449BF Standard crimping pliers for insulated terminals - FLUO

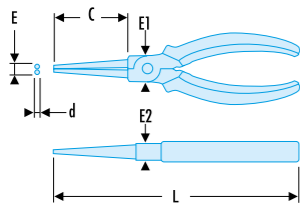


FLUO

ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Crimping pre-insulated terminals: 1.5-2.5-6 mm<sup>2</sup>.
- Crimping bare terminals: 1.5-2.5-6 mm<sup>2</sup>.
- Stripping: 0.75 to 6 mm<sup>2</sup>.
- Built-in wire cutting function.
- Weight: 260 g.

Round nose pliers - FLUO



FLUO

NF ISO 5745, ISO 5745, DIN ISO 5745, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- For shaping loops, bends or rings.
- Finely serrated jaws for positive grip.
- Diameter of each nose at the end: 2 mm.
- Ergonomic grips resistant to chemical agents.
- Removable return spring.
- Finish: chromed.

|            | C [mm] | d [mm] | E [mm] | E1 [mm] | E2 [mm] | L [mm] | ΔΔ [g] |
|------------|--------|--------|--------|---------|---------|--------|--------|
| 189.17CPEF | 41     | 2      | 4      | 18      | 9       | 170    | 135    |

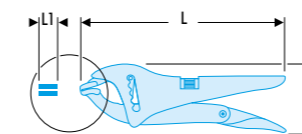
Short-nose lock-grip pliers - FLUO



FLUO

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- 4-position slip joint system.
- Nose width 17 mm.
- Machined groove in upper jaw holds small round sections.
- Finish: chromed.

|       | H [mm] | L [mm] | L1 [mm] | ΔΔ [kg] |
|-------|--------|--------|---------|---------|
| 500AF | 80,7   | 230    | 17      | 0,740   |



CPE.1F 4-piece set pliers - FLUO



FLUO

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Contains:
  - 1 Locking twin slip-joint multigrip pliers - 181A.25CPEF.
  - 1 Long half-round nose pliers - 185.20CPEF.
  - 1 Combination pliers - 187.18CPEF.
  - 1 High-performance diagonal cutters - 192.16CPEF.
- Weight: 1135 g.

Circlips® pliers FLUO

Straight nose inside circlip® pliers - FLUO



179A.18F



199A.18F

FLUO

NF E 73-130, DIN 5254, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- For Circlips® 8 --> 200 mm.
- Piano wire tips: high distortion resistance.
- Long 10° angled tips for optimum circlip holding.
- Identification colour code: saves time.
- Grips in anti-slip granite PVC.

|          | d [mm] | d mini - maxi [mm] | L [mm] | ΔΔ [g] |
|----------|--------|--------------------|--------|--------|
| 179A.18F | 1,8    | 19 - 60            | 185    | 215    |
| 199A.18F | 1,8    | 19 - 60            | 170    | 215    |

Circlips® pliers FLUO

177A - Straight nose outside circlip® pliers - FLUO



177A.18F



197A.18F

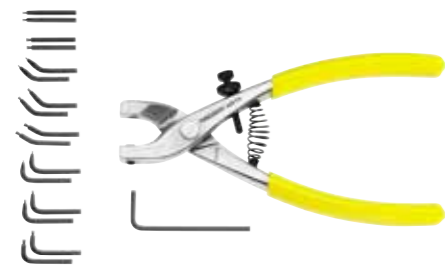
FLUO

NF E 73-130, DIN 5256, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- For Circlips® 3 --> 200 mm.
- Piano wire tips: high distortion resistance.
- Long 10° angled tips for optimum circlip holding.
- Identification colour code: saves time.
- Grips in anti-slip granite PVC.

|          | d [mm] | d mini - maxi [mm] | L [mm] | ΔΔ [g] |
|----------|--------|--------------------|--------|--------|
| 177A.18F | 1,8    | 19 - 60            | 180    | 175    |
| 197A.18F | 1,8    | 19 - 60            | 170    | 175    |

467FLUO Outside circlip® pliers - FLUO



FLUO

NF E 73-130, DIN 5256, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Interchangeable tips for a capacity of diam. 3 --> 63 mm.
- Thumbscrew position setting.
- Opening return spring.
- Finish: chrome finish, red PVC grips.
- Supplied in a case with key and set of bits E1 - E2 - E3 - E5 - E6 - E8 - E9. Weight: 160 g.

469F Inside circlip® pliers - FLUO



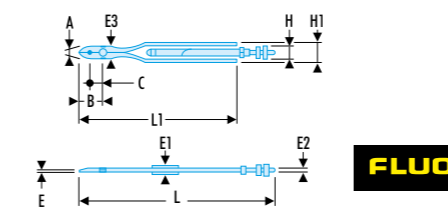
FLUO

NF E 73-130, DIN 5256, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Interchangeable tips for a capacity of diam. 8 --> 63 mm.
- Thumbscrew position setting.
- Opening return spring.
- Finish: chrome finish, red PVC grips.
- Supplied in a case with key and set of bits E1 - E2 - E3 - E5 - E6 - E8 - E9. Weight: 160 g.

Locking-wire pliers FLUO

445.DSF - Short locking-wire pliers - FLUO



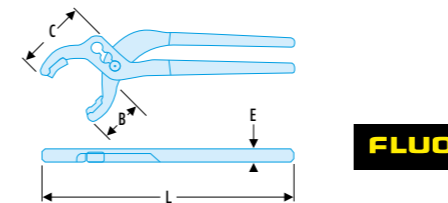
FLUO

ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- 445.8DSF = 8" / 445.10DSF = 10".
- "automatic" model.
- Side wire-cutter: stainless steel diameter 1 mm.
- 3 turns: 125 mm length.

|           | A [mm] | B [mm] | C [mm] | E [mm] | E1 [mm] | E2 [mm] | E3 [mm] | H [mm] | H1 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|-----------|--------|--------|--------|--------|---------|---------|---------|--------|---------|--------|---------|--------|
| 445.8DSF  | 3      | 22     | 9      | 2,2    | 15      | 29,8    | 14      | 30     | 41      | 284    | 170     | 320    |
| 445.10DSF | 3      | 30     | 11     | 2,2    | 15,5    | 29,8    | 19      | 30     | 45      | 360    | 230     | 450    |

"Connector" pliers - FLUO



FLUO

ASME B107.500

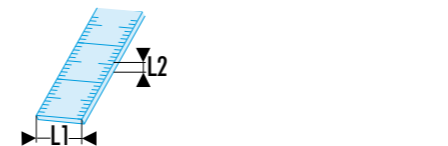
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- For handling fragile round components, e.g. screwed connector sleeves, tubes, lamps or wire looms, etc.
- Wide capacity from 3-position slip joint: max. diameter 55 mm.
- Replaceable plastic jaws available in 2 jaw hardness options: - 410.SF: soft jaws - 55 shore B.
- Finish: polished chrome, red PVC grips.

Spare jaws:  
- 410.SF: Set of 2 jaws with screws (soft).

|        | B [mm] | C [mm] | E [mm] | L [mm] | ΔΔ [g] |
|--------|--------|--------|--------|--------|--------|
| 410.SF | 68     | 47     | 10     | 230    | 320    |

Rules - Gauges FLUO

DELA.1051 - Stainless steel rules - 2 sides - FLUO



FLUO

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Engraved on both sides.
- One edge in mm - One edge in 1/2 mm.
- Stainless steel 18 % Cr - 8 % Ni.
- Anti-reflection treatment.
- Class II as per regulations applies to rules with a length above or equal to 500 mm.

|                | L [mm] | L1 x L2 [mm] | ΔΔ [g] |
|----------------|--------|--------------|--------|
| DELA.1051.200F | 200    | 13 x 0,5     | 10,9   |



Gauges FLUO - Tape measures FLUO

Making-out FLUO - Hammers - Mallets FLUO

Hammers FLUO

804F Round tip metric thickness gauges



FLUO

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Set of 19 feeler gauges (round tip): 4/100 --> 100/100 mm.
- Blade length: 90 mm.
- Weight: 60 g.

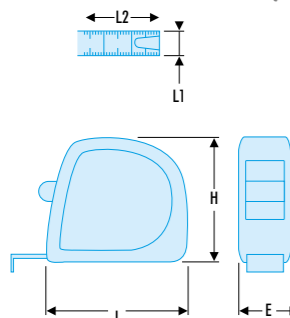
804.LF Long metric thickness gauges - FLUO



FLUO

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Set of 19 feeler gauges (round tip): 4/100 --> 25/100 mm.
- Blade length: 150 mm.

ABS body tape measure - FLUO



FLUO

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Ergonomic, ABS material.
- Tape with mat anti-reflection nylon tape.
- High strength tape.
- High strength cover hook:
  - 2 rivets with stainless reinforcement plate on the 2 and 3 m.
  - 3 rivets with stainless reinforcement plate on the 5 and 8 m.
- Interior measurements by adding the L dimension (see table).

|              | E [mm] | H [mm] | L [mm] | L1 [mm] | L2 [m] | ΔΔ [g] |
|--------------|--------|--------|--------|---------|--------|--------|
| 893A.216FLUO | 31,8   | 59,2   | 60     | 16      | 2      | 9,6    |

234F Steel scriber - FLUO



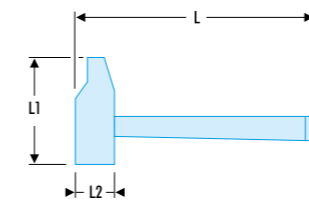
FLUO

- NF E 71-016, NF ISO 15601, ISO 15601
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Tip treated in chrome vanadium steel.
- Tip: Ø 4 mm.
- Length: 190 mm.
- Weight: 20 g.

200C.F - Graphite handle riveting engineers hammer - FLUO



FLUO



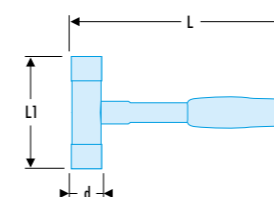
- NF E 71-016, NF ISO 15601, ISO 15601
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Ergonomic safety handle with graphite core.

|          | L [mm] | L1 [mm] | L2 [mm] | ΔΔ [g] |
|----------|--------|---------|---------|--------|
| 200C.26F | 245    | 80      | 25      | 0,345  |
| 200C.30F | 270    | 93      | 30      | 0,470  |
| 200C.40F | 330    | 108     | 40      | 1,025  |

212A - Dead-blow hammers, interchangeable tips - FLUO



FLUO



- NF E 71-211, DIN 6450, ASME B107.410
- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Glass fiber handle.
- Steel body.
- Easily replaceable, special nylon tips shore hardness D74 ± 5.
- Ergonomic PVC grip.
- Presentation: black epoxy.

• Spare tip: 212.E35 to E60.

|          | d [mm] | L [mm] | L1 [mm] | Bits    | ΔΔ [g] |
|----------|--------|--------|---------|---------|--------|
| 212A.35F | 35     | 305    | 112     | 212.E35 | 0,698  |
| 212A.40F | 40     | 310    | 117     | 212.E40 | 0,839  |

Drifts FLUO

Inspection lamp FLUO

Lighting FLUO

249.F - Standard drift punches - FLUO



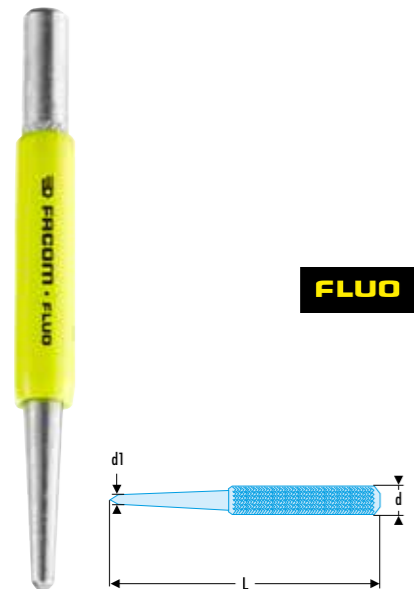
FLUO

NF E 71-211, DIN 7250, ASME B107.410

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Hexagonal shank, high-strength steel tip, hardened to 53-58 HRc.
- Zinc-plated finish.

| Ref     | A [mm] | d [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|---------|--------|--------|--------|---------|--------|
| 249.2F  | 1,9    | 8      | 115    | 30      | 0,030  |
| 249.3F  | 2,9    | 8      | 125    | 40      | 0,035  |
| 249.4F  | 3,9    | 10     | 150    | 50      | 0,065  |
| 249.5F  | 4,9    | 10     | 165    | 50      | 0,075  |
| 249.6F  | 5,9    | 12     | 180    | 50      | 0,120  |
| 249.8F  | 7,9    | 12     | 200    | 50      | 0,160  |
| 249.10F | 9,9    | 16     | 200    | 50      | 0,220  |

256.F - Precision centre punches - FLUO



FLUO

NF E 71-211, DIN 7250, ASME B107.410

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Chrome-vanadium steel forged, hardened to 52 to 58 HRc.
- Presentation: knurled body.
- Zinc-plated finish.

| Ref    | A [mm] | d [mm] | L [mm] | ΔΔ [g] |
|--------|--------|--------|--------|--------|
| 256.4F | 4      | 8      | 105    | 0,035  |
| 256.6F | 6      | 10     | 115    | 0,060  |
| 256.8F | 8      | 12     | 130    | 0,100  |

779.CL3FL Standard inspection lamp with white spotlight - FLUO



FLUO

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Wide beam working light: 330 lux @ 0.5 m and high power spot light: 700 lux @ 0.5 m.
- Up to 9 hours burn time using spot light Up to 6 hours with working light.
- Special charging dock reduces likelihood of theft as charging bay is essential to operation.
- 360° hook and concealed magnet to assist with hand free positioning.
- Power Source : Battery.
- Burn Time [Work Light / Spot] : 6 / 9 hours.
- Charge Time : 2.5 hours.
- Flux @ 0.5 m [Work Light / Spot] : 330 / 700 Lux.
- Luminosity [Work Light / Spot] : 260 / 100 Lumen.
- Impact Protection IK09.
- Environment Protection IP55.
- Dimensions : L.243 x W.58 x D.40 mm.
- Operating Temperature : -20 / +70 °C.
- Weight : 0,38 kg.

779.UVT UV torch



- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- 1 1W UV LED.
- 395 to 410 nm.
- Operating time: 23 hours.
- Protection rating: IP67.
- Supplied with: 3 AAA batteries, strap and protection pouch.
- Weight: 118 g.(batteries included).

Scissors - Inspection mirrors

Electricians scissors - FLUO



FLUO

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- 100% metal handles, left/right hand.
- Short reinforced blades, with wire cutter.
- Finish: polished chromed.

| Ref  | L [mm] | ΔΔ [g] |
|------|--------|--------|
| 841F | 150    | 95     |

834B.RTF Inspection mirror - FLUO



FLUO

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light. Detectable in black or dark environment up to 5 meters.
- Mirror in scratch resistant glass, available as spare parts.
- Metallic strapping around the glass for better protection.
- Join easily adjustable, or even locked, by screw.
- Solvent resistant plastic handle: Skydroll, gasoil...
- Max length 850 mm.
- Mirror diameter 55 mm.
- Weight: 80 g.

- 834B.RT01: Spare mirror.



**YOUR SOLUTION  
FOR WORKING SAFELY AT HEIGHT**



# TABLE OF CONTENTS

|             |                                          |                                                                                       |            |                                                                                       |
|-------------|------------------------------------------|---------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------|
| ▶ <b>1</b>  | <b>SLS - HOOK</b>                        |    | <b>112</b> |    |
| ▶ <b>2</b>  | <b>SLS - Accessories</b>                 |    | <b>116</b> |    |
| ▶ <b>3</b>  | <b>SLS - Wrenches</b>                    |    | <b>125</b> |    |
| ▶ <b>4</b>  | <b>SLS - Ratchets - Sockets</b>          |    | <b>131</b> |    |
| ▶ <b>5</b>  | <b>SLS - Torque control</b>              |    | <b>133</b> |    |
| ▶ <b>6</b>  | <b>SLS - Screwdrivers - Hexagon keys</b> |   | <b>133</b> |  |
| ▶ <b>7</b>  | <b>SLS - Pliers</b>                      |  | <b>136</b> |  |
| ▶ <b>8</b>  | <b>SLS - Measuring</b>                   |  | <b>141</b> |  |
| ▶ <b>9</b>  | <b>SLS - Cutting</b>                     |  | <b>142</b> |  |
| ▶ <b>10</b> | <b>SLS - Impact tools</b>                |  | <b>146</b> |  |
| ▶ <b>11</b> | <b>SLS - Lighting</b>                    |  | <b>149</b> |  |



# WORKING AT HEIGHT: ELIMINATE RISKS FROM FALLING TOOLS

Every year falling tools cause thousands of accidents with consequences effecting both health and productivity.

Tool solutions specifically suited to working in high places eliminate risks, avoid wasted time and improve productivity.

In the nuclear sector, solutions for this type of risk are designated under the term FME (Foreign Material Exclusion).

## IMPROVED SAFETY

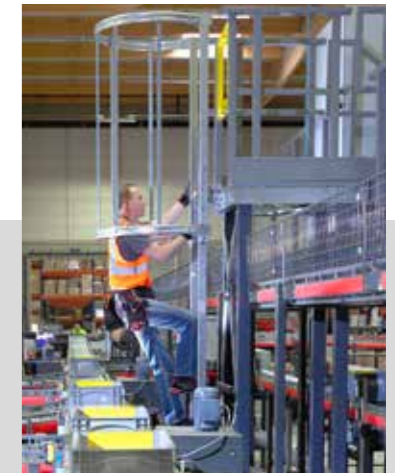
A falling tool can be extremely dangerous, particularly if it hits somebody. In addition to the severe injury it may inflict to individuals, such an accident can have major consequences for the company.

## IMPROVED TIME GAIN

A fallen tool must be recovered. Climbing down from a work location, getting the tool, sometimes in confined spaces... all these take time, adding to the time required for the job.

## IMPROVED SAVINGS

A falling tool may damage expensive facilities or equipment, disturb or stop a production process, even end up in a remote location and require replacement.





# SAFETY LOCK SYSTEM

## THE FACOM SOLUTION FOR WORKING AT HEIGHT



FACOM has always worked closely with companies from various sectors to develop tooling solutions that perfectly meet user needs.



The FACOM Safety Lock System (SLS) is perfect for those who regularly work in elevated locations, assembling and maintaining equipment above ground level.



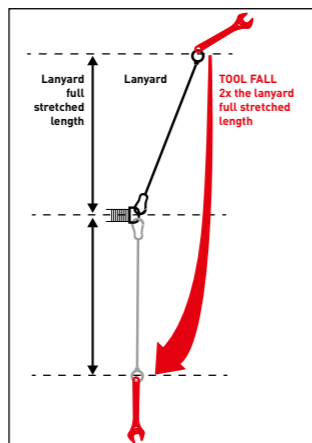
### ROBUST AND RELIABLE

FACOM's ring system is made of metal to withstand extreme shocks, temperatures, and other harsh working conditions.



The rings were designed and tested by FACOM. Their dimensions allow them to

withstand at least twice the tool's weight. The tool-ring set is also tested in a real-world situation, with a test of 400 falls per type of tool. FACOM assembles the rings in its plants with servo-controlled presses guaranteeing perfect crimping.



### TRACEABILITY

An individual traction test is performed on each tool upon ring assembly. An inspection certificate is issued and a unique serial number engraved on the tool. FACOM can hence follow up its production to guarantee maximum safety. The unique serial number also ensures the tool is identified and followed throughout its lifetime.



### ERGONOMICS

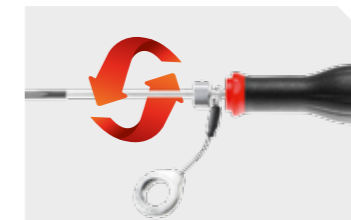
The tools of the SLS range were designed by FACOM specifically to preserve comfort in all conditions and the levels of performance of its standard tools.



The SLS ring slides along the wrench for optimum use of the wrench's open end and ring.



Ratchet handles are fitted with a shackle for easy snap hook fastening and freedom of movement.



The SLS ring allows screwdriver shank rotation without twisting the lanyard.



The SLS ring passes through the metal part of pliers grips to guarantee unequalled strength.



## NEW FACOM "SLS HOOK" DESIGN

### THE FULLY SECURED SOLUTION AGAINST FALLS



### THE TOOL IS FULLY SECURED THROUGHOUT THE TRANSFER PROCESS

**1. The tool is fastened and secured to your right hand.**



**2. The double hook unlocks only once locked to another holder.**



**3. The tool is transferred and secured to your left hand.**



## NEW FACOM "SLS HOOK" DESIGN

The SLS HOOK double hook unlocks from one holder only once connected to another holder.



### EASY TO USE

- Easy and instant handling.
- Transfer from one hand to the other, from one operator to another, etc.

### COMFORTABLE

- You can hold the tool during the transfer. Automatic system = no need to press a button.
- The tool fastened to your wrist provides total freedom of movement.

Refer to the next pages for the wrist bracelet and belt bag of the FACOM "SLS HOOK" range.



SLS Hook

SLS Hook and SLS Wrist accessories

Facom SLS HOOK

1

SH-SLS SLS Hook double hook - SLS



- SLS HOOK hook securing tools against falling:
    - 100% reliable solution during tool transfers. The SLS HOOK double hook locks onto its SLS HOOK holder only upon connection with another SLS HOOK holder. The tool remains connected during the entire transfer operation.
    - A tool fitted with the SLS HOOK double hook is transferred from one hand to the other or from one operator to another without any risk of falling.
    - Unlike a tool fastened to the belt with a lanyard, the SLS HOOK system is fastened to the user's wrist and reduces the falling height when the tool slips from the hand.
  - Comfortable:
    - Passing from one SLS HOOK holder to another is easy and fast.
    - Using the SLS HOOK system (hook + holder) is highly intuitive. Getting acquainted is instant.
    - The SLS HOOK double hook fastened to the wrist ensures a high freedom of movement.
  - The SLS HOOK double hook is compatible with the wrist bracelet WRT-SHSLS or the belt bag SH-BAG1SLS. The SLS HOOK holder SH-SUPSL is also available per unit. It can be fastened to your own equipment: belt, backpack strap.
  - Resistance:
    - The SLS HOOK double hook withstands the most extreme conditions in your profession:
      - Aluminium body combining light weight, resistance to shocks, most common solvents and temperature differences.
      - Glass fibre reinforced polypropylene mechanism and stainless steel spring for high resistance and durability.
    - Total length (SLS HOOK double hook + string + snap hook): 270 mm.
    - SLS HOOK double hook alone: length: 62 mm; width: 39 mm; thickness: 12.5 mm.
    - String: length: 158 mm; diameter: 3 mm.
    - Stainless steel screw snap hook: length 50 mm; diameter 5 mm.
    - Acceptable nominal load: 2.7 kg
- Weight: 65 g

SH-SUPSL SLS Hook holder - SLS



- Designed to receive the SLS HOOK double hook SH-SLS.
  - Resistant to shocks, most common solvents and temperature differences.
  - Can be fitted on your own equipment to make it compatible with the SLS HOOK system (e.g. belt, backpack strap).
  - Overall height: 63 mm.
  - Overall width: 57 mm.
  - Loop height: for 50 mm strap max.
  - Loop thickness: for strap of 2.5 mm max.
- Weight: 10 g

SH-BAG1SLS Bag of 3 SLS Hook holders - SLS



- Fitted with 3 SLS HOOK holders. Can be fitted with 3 SLS HOOK double hooks SH-SLS.
  - Fabric resistant to most common solvents.
  - Fitted with a stainless steel tape measure holder.
  - Compatible with FACOM belts SLS CT70-100 (70 to 100 cm) and CT100-140 (100 to 140 cm).
  - Overall height: 275 mm.
  - Overall width: 155 mm.
  - Loop height: for 55 mm strap max.
  - Loop thickness: for strap of 3 mm max.
  - Supplied without SLS HOOK double hook SH-SLS and without tool.
  - Nominal acceptable load: 2.7 kg.
- Weight: 205 g

WRT-DSLS Wrist bracelet with metal ring - SLS



- Fitted with a "D" shaped metal ring. Receives the lanyard with rotating swivel LANO.2TSLS.
  - Elastic fabric for optimum comfort and adjustment. Adapted to wrist girth from 165 to 240 mm.
  - Fabric resists to most common solvents.
  - Bracelet width: 50 mm.
  - "D" shaped ring inner width: 26 mm.
  - "D" shaped ring inner width: 17 mm.
  - Nominal acceptable load: 2.7 kg.
- Weight: 55 g

WRT-SHSLS SLS Hook wrist bracelet - SLS

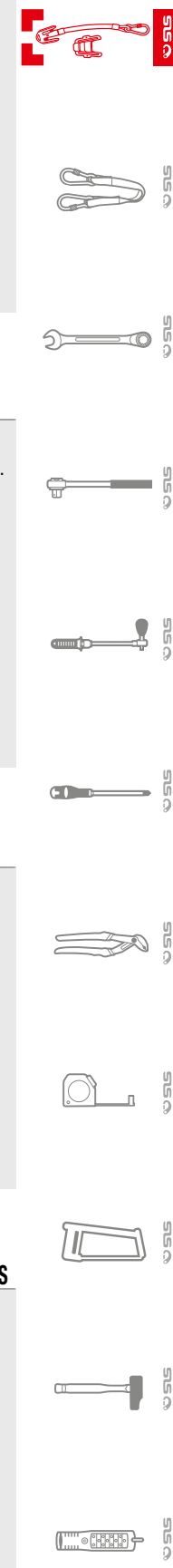


- Fitted with a SLS HOOK holder to receive the SLS HOOK double hook SH-SLS.
  - Elastic fabric for optimum comfort and adjustment. Adapted to wrist girth from 165 to 240 mm.
  - Fabric resists to most common solvents.
  - Bracelet width: 50 mm.
  - Nominal acceptable load: 2.7 kg.
- Weight: 55 g

LANO.2TSLS Lanyard 20 cm - Stainless steel 50 mm spring hook + swivel and 60 mm stainless steel snap hook with screw - SLS



- Lanyard for connecting tools of the FACOM SLS range to the wrist bracelet fitted with a metal ring WRT-DSLS.
  - On the one hand, the lanyard is fitted with a 50 mm stainless steel snap hook with screw and a rotating swivel (connection to the wrist bracelet). The rotating swivel prevents the strap from twisting.
  - On the other side, the lanyard is fitted with a 60 mm stainless steel snap hook with locking screw (connection to the tools in the FACOM SLS range).
  - Length of the lanyard and swivel: 200 mm.
  - Lanyard width: 9 mm.
  - Nominal acceptable load: 2.7 kg.
- Weight: 60 g



# SLS ACCESSORIES



• The Safety Lock System eye system fastened to the tools is **100% compatible with the lanyards and accessories of the FACOM SLS range.**

• FACOM SLS lanyards and accessories are in the **orange colour** generally used for safety tools for **higher visibility.**



• FACOM lanyards and accessories are supplied in standard with **safety screw-on snap hooks.** Automatic snap hook closing and its screw provide a double safety of the snap hook.

• FACOM also offers snap hooks without safety screw. They are easier to handle, particularly when wearing gloves, although reducing the safety level somewhat. Choose according to your applications.

For all SLS lanyards and belt accessories, FACOM uses **stainless steel snap hooks.** They offer **excellent tensile strength, but also to extreme outdoor conditions,** i.e. work in humid or saline atmospheres.



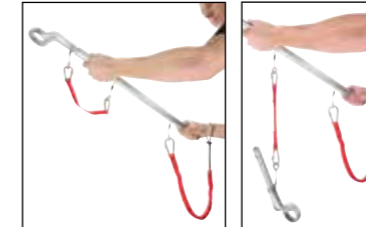
FACOM SLS belts, belt accessories and lanyards are **tested in extreme conditions of use** to guarantee high strength.



**SLS lanyards are elastic to reduce their length** and enhance comfort of use. The elastic also **dampens the fall of the tool attached.**



## LAN0.2 20 cm strap - 60 mm stainless steel dual snap hooks with screw - SLS



- Strap connecting tools of the FACOM SLS range to the belt.
- Fitted with 2 60mm stainless steel locking snap hooks with screw.
- Strap particularly suited to securing offset ring wrenches series 54A to the manoeuvring handle 54.M. Also used to fasten tools to the belt.
- Strap length excluding snap hook: 200 mm.
- Strap width: 13 mm.
- Acceptable rated load: 4 kg.
- Weight: 70 g.

## LAN1.2 1.2 m strap - 80 mm stainless steel dual snap hooks with screw - SLS



- Strap connecting tools of the FACOM SLS range to the belt.
- Fitted with 2 80mm stainless steel locking snap hooks with screw.
- Strap particularly suited to securing heavy tools to the belt or external holders (ladder, scaffold, elevator platform). Strap providing optimum securing of heavy tools.
- Strap extended length excluding snap hook: 1.20 m.
- Strap width: 15 mm.
- Acceptable rated load: 6 kg.
- Weight: 175 g

## LAN1.2MSLS Lanyard 1.2 m steel cable - 80 mm stainless steel double snap hook with screw - SLS



- Lanyard for connecting tools of the FACOM SLS range to the belt or equipment (ladder, scaffolding, platform).
- Fitted with 2 80 mm stainless steel snap hooks with locking screw.
- Reduced footprint of the steel cable.
- Steel cable coated with plastic sheath very easy to clean and/or decontaminate. The plastic sheath preserves the environment you work in.
- Total length: 1.20 m.
- Cable diameter: 3.5 mm (4.8 mm with the plastic sheath).
- Nominal acceptable load: 4.5 kg.
- Weight: 220 g

## LAN-WRT1.2 1.2 m strap - Wrist loop and 80 mm stainless steel snap hook with screw - SLS



- Fitted with an 80mm stainless steel snap hook with locking screw.
- Strap extended length excluding snap hook: 1.20 m.
- Strap width: 20 mm.
- Wrist loop length: 220 mm .
- Acceptable rated load: 6 kg.
- Weight: 110 g.

**CT70-100** Belt with dual point metal loop - Waist size 70-100 cm - SLS



- Belt to fasten tools of the FACOM SLS range.
- Dual point metal loop: both points must be pressed to release the loop to prevent accidental opening and ensure optimum safety.
- Supplied with comfort foam pad with velcro for optimum adjustment.
- Belt compatible with the accessories of the FACOM SLS range: CT-ACC2M (D metal with 2 60 mm stainless steel snap hooks with locking screw) and CT-ACC (D metal only).
- 8 50 mm slots for CT-ACC2M or CT-ACC accessories.
- Height of the accessory storage strap: 45 mm.
- Waist size: 70 to 100 cm.
- Weight: 390 g.



**CT100-140** Belt with dual point metal loop - Waist size 100-140 cm - SLS



- Belt to fasten tools of the FACOM SLS range.
- Dual point metal loop: both points must be pressed to release the loop to prevent accidental opening and ensure optimum safety.
- Supplied with comfort foam pad with velcro for optimum adjustment.
- Belt compatible with the accessories of the FACOM SLS range: CT-ACC2M (D metal with 2 60 mm stainless steel snap hooks with locking screw) and CT-ACC (D metal only).
- 8 50 mm slots for CT-ACC2M or CT-ACC accessories.
- Height of the accessory storage strap: 45 mm.
- Waist size: 100 to 140 cm.
- Weight: 410 g.



**BAG WITH RETRACTABLE LANYARDS**

The retractable lanyards are stored automatically in their housings.

Conversely, a traditional lanyard remains around the waist and may be entangled.

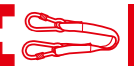
The retractable lanyards connect the tools to your belt. The tools are not connected to your wrists allowing for 'hands free' work.



**BAG-RECT2SLS** Bag fitted with 2 retractable lanyards- SLS



- Bag fitted with 2 retractable lanyards (lanyard extended to maximum: 105 cm).
- The retractable lanyards connect the tools to your belt. The tools are not connected to your wrists: « hands-free » work.
- The retractable lanyards are stored automatically in their housings. Conversely, a traditional lanyard remains around the waist and may be entangled.
- Using a snap hook MOUSQ6X60SLS is recommended to connect a FACOM SLS tool to the retractable lanyard ring.
- Fabric resistant to most common solvents.
- Compatible with FACOM belts SLS CT70-100 (70 to 100 cm) and CT100-140 (100 to 140 cm).
- Overall height: 285 mm.
- Overall width: 105 mm.
- Loop height: for 55 mm strap max.
- Loop thickness: for strap of 3 mm max.
- Supplied without snap hook MOUSQ6X60SLS nor tool.
- Nominal acceptable load: 0.7 kg.
- Weight: 190 g

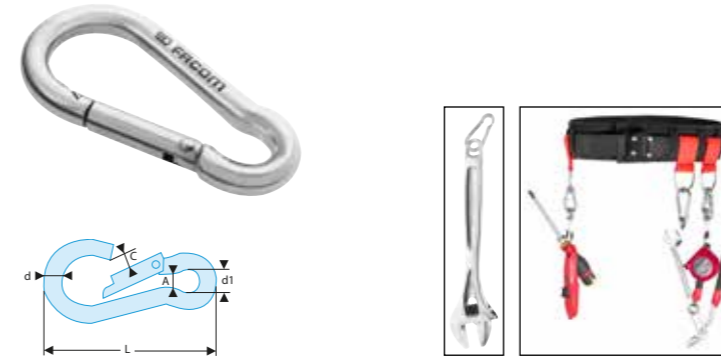


**BAG-BOLTSLS** Bag for carrying spare parts - SLS



- Bag particularly suited to carrying spare parts
- Automatic closing: the bag is automatically closed by spring blades when you remove your hand.
- Totally sealed bag with a zip lock. Strap attached to the closing for easier handling when wearing gloves.
- Fabric resistant to most common solvents.
- Compatible with FACOM belts SLS CT70-100 (70 to 100 cm) and CT100-140 (100 to 140 cm).
- Overall height: 245 mm.
- Overall width: 250 mm.
- Maximum opening diameter: 110 mm.
- Supplied without tool.
- Nominal acceptable load: 5.4 kg.
- Weight: 215 g

**80 mm stainless steel snap hook - SLS**



- Snap hook in stainless steel 316: very high resistance to corrosion.
- No locking screw.
- Total length: 80 mm.
- Acceptable rated load: 800 kg.

|                     | A [mm] | C [mm] | d [mm] | d1 [mm] | L [mm] | ΔΔ [g] |
|---------------------|--------|--------|--------|---------|--------|--------|
| <b>MOUSQ8X80SLS</b> | 10     | 11     | 8      | 12      | 80     | 65     |

**BAG-CLIMBSLS** Carrying Bag for tools - SLS



- Snap 110 mm to 1/4 turn locking ring for hanging or winching the bag.
- 2 straps «handles» allow transport by hand.
- Maximum Securing tools during transport:
  - 6 straps 265 mm with shaped metal ring of «D» are attached to the inside of the bag. They allow the attachment of tools inside the bag: no risk of falling tool when opening the bag
  - Total closure of the bag with a zip closure. A link is attached to the closure for easy handling when working with gloves.
- Fabric resistant to common solvents.
- Fond du rigid plastic bag: the bag is rigid and holds its shape, long life and easy cleaning.
- Overall height: 390 mm.
- Overall Diameter: 325 mm.
- Delivered without tools.
- Rated payload 15.0 kg.
- Weight: 1.650 kg.

**CT-ACC2M** Metal ring with 2 60 mm stainless steel snap hooks with screw - SLS



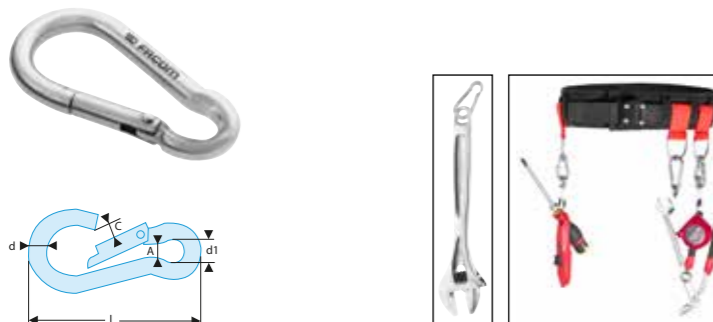
- Accessory for belt of the FACOM SLS range.
- Supplied with 2 60 mm stainless steel snap hooks with locking screw. The 2 snap hooks are integral with the «D» shaped metal ring.
- Strap width: 50 mm.
- Loop height: 50 mm.
- Internal width of the «D» ring: 50 mm.
- Internal height of the «D» ring: 40 mm.
- Acceptable rated load: 4 kg.
- Weight: 100 g.

**CT-ACC** Metal ring only - SLS



- Accessory for belt of the FACOM SLS range.
- Supplied without snap hook. «D» shape metal ring only.
- Strap width: 50 mm.
- Loop height: 50 mm.
- Internal width of the «D» ring: 50 mm.
- Internal height of the «D» ring: 40 mm.
- Acceptable rated load: 4 kg.
- Weight: 40 g.

**60 mm stainless steel snap hook - SLS**



- Snap hook in stainless steel 316: very high resistance to corrosion.
- No locking screw.
- Total length: 60 mm.
- Acceptable rated load: 300 kg.

|                     | A [mm] | C [mm] | d [mm] | d1 [mm] | L [mm] | ΔΔ [g] |
|---------------------|--------|--------|--------|---------|--------|--------|
| <b>MOUSQ6X60SLS</b> | 7      | 8      | 6      | 10      | 60     | 25     |

**BS.MCB** | **NEW CARRYING BAG FOR SLS TOOLS**



### HEAT SHRINKING SHEATHS WITH RING

**6 heat shrinking sheaths size 6.5 to 89 mm to add a ring and fasten your products:**

- fasten a tool not included to the FACOM SLS range
- fasten one of your specialist tools
- last-minute emergency on the worksite: use heat shrinking sheaths to transform your tools.



**Fast and easy fitting**

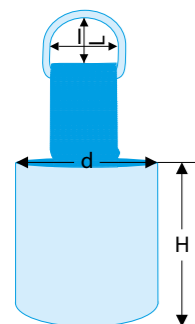
- Position and heat the sheath.
- About 3 minutes per tool.

**Heat shrinking sheaths with glue**

- Adhesive compatible with many materials: steel, aluminium, plastic, wood.



**SLS.G - Heat Shrink with "D" shaped metal ring - SLS**



- Shrink tubing fitted with a strap and a shaped metal ring «D». This solution allows you to bring a point of attachment to all types of products and make them compatible with lanyards and carabiners Facom SLS.
- Examples: special tools, pen, spray, lever,
- The strap surrounds the shrink tubing for strength and maximum security for all.
- Fabric resistant to common solvents.
- Sheath equipped with an adhesive which becomes liquid with the heat during the retraction of the sheath. optimum temperature of withdrawal: between 150 and 300 ° depending on the thickness and diameter of the sheath.
- Excellent adhesion on most substrates: crude steel, chrome or phosphate, aluminum, wood, plastic, ... • Precautions:
- Clean and degrease the product that will receive the shrink tubing.
- Select the correct diameter of shrink-hose according to the allocation table.
- Identify a location where the sheath will not harm ergonomics. If possible, choose a location where the sheath can not escape once retracted.
- Respect the maximum weight recommended.
- Heat the sheath about 3 cm with a standard heat gun Facom E.2015. Be careful not to burn the strap.
- Cool 5 minutes to obtain optimum adhesion of the glue.
- Check the collage.
- Check the equipment periodically.

| Ref     | d [mm] | d mini - maxi [mm] | H [mm] | l x L [mm] | ΔΔ maxi [kg] | ΔΔ [g] |
|---------|--------|--------------------|--------|------------|--------------|--------|
| SLS.G13 | 20     | 6,5 - 13           | 44     | 9 x 14     | 1,8          | 10     |
| SLS.G19 | 30     | 9 - 19             | 50     | 9 x 14     | 2,2          | 30     |
| SLS.G32 | 40     | 14 - 32            | 50     | 18 x 26    | 4,4          | 40     |
| SLS.G45 | 52     | 16 - 45            | 50     | 18 x 26    | 6,8          | 40     |
| SLS.G64 | 70     | 38 - 64            | 50     | 22 x 38    | 9,0          | 55     |
| SLS.G89 | 105    | 51 - 89            | 105    | 22 x 38    | 11,3         | 95     |

**SLS.GKIT1 SLS.G - Heat shrinking sheaths with "D" shaped metal ring - SLS**



- Kit solution allowing a fastening point to be applied to any type of product, making it compatible with FACOM SLS lanyards and snap hooks.
- Comprising:
- 3 x heat shrinking sheaths SLS.G13: Initial Ø: 20 mm. Ø after shrinking: 6.5 - 13 mm. Max weight: 1.8 kg.
- 6 x heat shrinking sheaths SLS.G19: Initial Ø: 30 mm. Ø after shrinking: 9 - 19 mm. Max weight: 2.2 kg.
- 6 x heat shrinking sheaths SLS.G32: Initial Ø: 40 mm. Ø after shrinking: 14 - 32 mm. Max weight: 4.4 kg.
- 6 x heat shrinking sheaths SLS.G45: Initial Ø: 52 mm. Ø after shrinking: 16 - 45 mm. Max weight: 6.8 kg.
- 3 x heat shrinking sheaths SLS.G64: Initial Ø: 70 mm. Ø after shrinking: 38 - 64 mm. Max weight: 9.0 kg.
- 3 x heat shrinking sheaths SLS.G89: Initial Ø: 105 mm. Ø after shrinking: 51 - 89 mm. Max weight: 11.3 kg.
- Organizer storage box BP.Z46A.
- Weight: 3.450 kg.

**SLS.GKIT1-GUN SLS.G - Heat shrinking sheath kit - SLS**



- Kit solution allowing a fastening point to be applied to any type of product, making it compatible with FACOM SLS lanyards and snap hooks.
- Comprising:
- 3 x heat shrinking sheaths SLS.G13: Initial Ø: 20 mm. Ø after shrinking: 6.5 - 13 mm. Max weight: 1.8 kg.
- 6 x heat shrinking sheaths SLS.G19: Initial Ø: 30 mm. Ø after shrinking: 9 - 19 mm. Max weight: 2.2 kg.
- 6 x heat shrinking sheaths SLS.G32: Initial Ø: 40 mm. Ø after shrinking: 14 - 32 mm. Max weight: 4.4 kg.
- 6 x heat shrinking sheaths SLS.G45: Initial Ø: 52 mm. Ø after shrinking: 16 - 45 mm. Max weight: 6.8 kg.
- 3 x heat shrinking sheaths SLS.G64: Initial Ø: 70 mm. Ø after shrinking: 38 - 64 mm. Max weight: 9.0 kg.
- 3 x heat shrinking sheaths SLS.G89: Initial Ø: 105 mm. Ø after shrinking: 51 - 89 mm. Max weight: 11.3 kg.
- Heat gun FACOM E.2015.
- Organizer storage box BP.Z46A.
- Weight: 4.400 kg.

# THE SLS TOOL RANGE

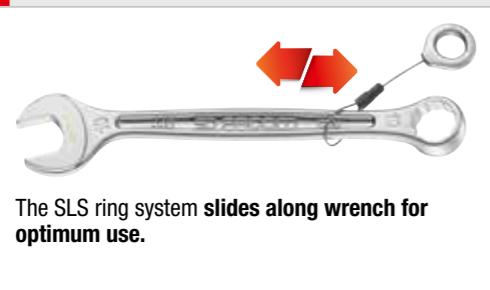
FACOM has designed its new Safety Lock System tool range specifically for working in high places to eliminate the risks of accidents from falling tools, avoid losing time, and improve productivity.

A falling tool can be extremely dangerous, particularly if it hits somebody. In addition to the severe injury it may inflict to individuals, such an accident can have major consequences for the company. A falling tool must be recovered, resulting in lost time. Falling tools can also damage expensive equipment, resulting in losing the tool or disturbing a production process. All these result in financial repercussions.



## STRENGTH AND ERGONOMICS OF USE

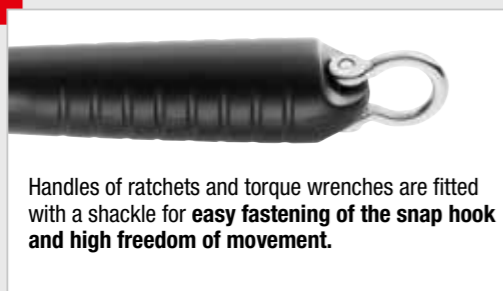
- FACOM has designed a special ring system for its SLS tool range. **The ring's metal was chosen to ensure unequalled strength:** a tool suited to safety suffering no failure.
- The steel cable is embedded in the metal, guaranteeing a **very robust "ring/cable" link.** In extreme breakage situations, the cable breaks before the link.
- The cable is crimped with a servo-controlled press ensuring perfect linkage.
- In addition, **each tool is checked individually** using a traction machine. An individual certificate is issued, and a unique serial number engraved on the tool. **FACOM ensures traceability of its production** and your tooling can be followed throughout its use.
- The cable is flexible to preserve **optimum tool comfort and ergonomics.**



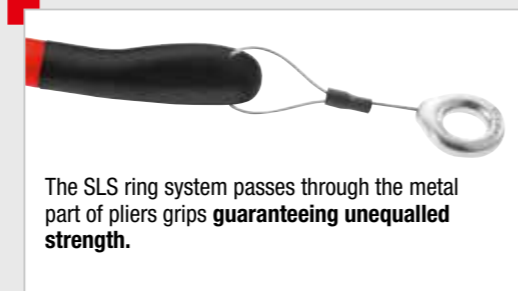
The SLS ring system **slides along wrench for optimum use.**



The SLS ring system associated with a ring on the shank allows **the screwdriver to rotate without twisting the lanyard.**

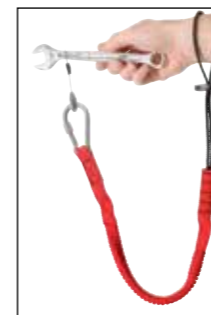
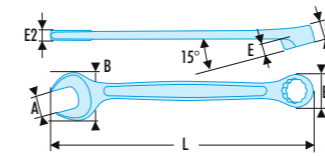


Handles of ratchets and torque wrenches are fitted with a shackle for **easy fastening of the snap hook and high freedom of movement.**



The SLS ring system passes through the metal part of pliers grips **guaranteeing unequalled strength.**

## 440.SLS - Metric combination wrenches - SLS



NF ISO 691, NF ISO 7738, NF ISO 3318, NF ISO 1711-1, E74-306, ISO 691, ISO 7738, ISO 3318, ISO 1711-1, DIN ISO 691, DIN 1711-1, DIN 3113, ASME B107.100

- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped "sliding" cable solution, selected and tested by FACOM, maintains user ergonomics (8 - 30 mm wrenches).
- Standard wrench for all current applications.
- High mechanical strength combined with compact size meeting aeronautical standards.
- Ring head:
  - Ring open end (size E) designed for better access to series or embedded screws.
  - OGV® profile with 12-point ring for powerful tightening while protecting the nut.
  - Ring head angled at 15°.
- Open end head:
  - Open end angled at 15°.
  - Open end head-handle geometry optimised for increased access.
- Metric sizes: 6 to 34 mm.
- Presentation: satin chrome finish.

| 440.SLS   | A [mm] | B [mm] | B1 [mm] | E [mm] | E1 [mm] | E2 [mm] | L [mm] | ΔΔ [g] |
|-----------|--------|--------|---------|--------|---------|---------|--------|--------|
| 440.6SLS  | 6      | 14,1   | 10,0    | 3,1    | 6,0     | 3,8     | 115    | 45     |
| 440.7SLS  | 7      | 17,2   | 11,2    | 3,4    | 6,2     | 3,9     | 122    | 45     |
| 440.8SLS  | 8      | 19,2   | 12,8    | 3,5    | 6,7     | 4,7     | 133    | 55     |
| 440.9SLS  | 9      | 21,2   | 14,2    | 3,9    | 7,1     | 4,7     | 138    | 60     |
| 440.10SLS | 10     | 23,0   | 15,0    | 4,2    | 7,6     | 5,2     | 145    | 65     |
| 440.11SLS | 11     | 24,5   | 16,9    | 4,6    | 8,1     | 5,5     | 155    | 75     |
| 440.12SLS | 12     | 27,0   | 18,0    | 4,4    | 8,4     | 5,8     | 162    | 85     |
| 440.13SLS | 13     | 28,7   | 19,3    | 4,8    | 8,6     | 6,1     | 170    | 95     |
| 440.14SLS | 14     | 31,0   | 21,1    | 5,7    | 9,5     | 6,4     | 180    | 110    |
| 440.15SLS | 15     | 32,6   | 22,2    | 5,9    | 10,0    | 6,8     | 185    | 120    |
| 440.16SLS | 16     | 35,6   | 23,9    | 6,4    | 10,5    | 7,3     | 195    | 140    |
| 440.17SLS | 17     | 37,0   | 25,3    | 6,5    | 10,9    | 7,6     | 202    | 155    |
| 440.18SLS | 18     | 38,7   | 26,0    | 7,2    | 11,4    | 8,1     | 208    | 175    |
| 440.19SLS | 19     | 41,2   | 27,8    | 7,2    | 11,9    | 8,3     | 216    | 195    |
| 440.21SLS | 21     | 45,4   | 30,9    | 7,8    | 12,8    | 8,8     | 233    | 230    |
| 440.22SLS | 22     | 46,9   | 32,3    | 8,3    | 13,3    | 9,0     | 248    | 255    |
| 440.23SLS | 23     | 49,0   | 33,6    | 8,7    | 13,8    | 9,3     | 257    | 280    |
| 440.24SLS | 24     | 51,0   | 35,0    | 8,9    | 14,2    | 9,7     | 267    | 315    |
| 440.27SLS | 27     | 58,0   | 39,2    | 8,9    | 15,6    | 10,4    | 295    | 400    |
| 440.29SLS | 29     | 63,0   | 42,0    | 10,8   | 16,6    | 11,2    | 320    | 500    |
| 440.30SLS | 30     | 65,0   | 43,5    | 11,2   | 17,1    | 11,5    | 340    | 555    |
| 440.32SLS | 32     | 68,0   | 46,1    | 11,5   | 18,0    | 12,5    | 355    | 665    |
| 440.34SLS | 34     | 72,0   | 48,9    | 12,8   | 19,0    | 13,0    | 390    | 770    |

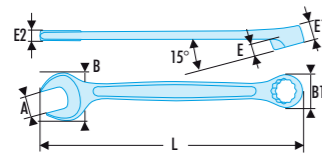


SLS - Combination wrenches

SLS - combination wrenches

SLS - Wrenches

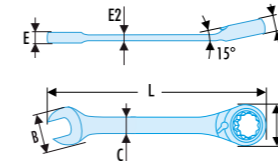
440.SLS - Inch combination wrenches - SLS



- ASME B107.100, SAE AS954G**
- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The crimped "sliding" cable solution, selected and tested by FACOM, maintains user ergonomics (8 - 30 mm wrenches).
  - Standard wrench for all current applications.
  - High mechanical strength combined with compact size meeting aeronautical standards.
  - Ring head:
    - Ring open end (size E) designed for better access to series or embedded screws.
    - OGV® profile with 12-point ring for powerful tightening while protecting the nut.
    - Ring head angled at 15°.
  - Open end head:
    - Open end angled at 15°.
    - Open end head-handle geometry optimised for increased access.
  - Dimensions in inches: from 1/4" to 1"5/16.
  - Presentation: satin chrome finish.

| Ø             | A ["]  | B [mm] | B1 [mm] | E [mm] | E1 [mm] | E2 [mm] | L [mm] | ΔΔ [g] |
|---------------|--------|--------|---------|--------|---------|---------|--------|--------|
| 440.1/4SLS    | 1/4    | 14,1   | 10,0    | 3,1    | 6,0     | 3,8     | 115    | 45     |
| 440.5/16SLS   | 5/16   | 19,2   | 12,8    | 3,5    | 6,7     | 4,7     | 133    | 55     |
| 440.11/32SLS  | 11/32  | 21,2   | 14,2    | 3,9    | 7,1     | 4,7     | 138    | 60     |
| 440.3/8SLS    | 3/8    | 23,0   | 15,0    | 4,2    | 7,6     | 5,2     | 145    | 70     |
| 440.7/16SLS   | 7/16   | 24,5   | 16,9    | 4,6    | 8,1     | 5,5     | 155    | 75     |
| 440.1/2SLS    | 1/2    | 28,7   | 19,3    | 4,8    | 8,6     | 6,1     | 170    | 95     |
| 440.9/16SLS   | 9/16   | 31,0   | 21,1    | 5,7    | 9,5     | 6,4     | 180    | 100    |
| 440.5/8SLS    | 5/8    | 35,6   | 23,9    | 6,4    | 10,5    | 7,3     | 195    | 140    |
| 440.11/16SLS  | 11/16  | 37,0   | 25,3    | 6,5    | 10,9    | 7,6     | 202    | 155    |
| 440.3/4SLS    | 3/4    | 41,2   | 27,8    | 7,2    | 11,9    | 8,3     | 216    | 195    |
| 440.13/16SLS  | 13/16  | 43,1   | 29,5    | 6,3    | 12,3    | 8,6     | 224    | 210    |
| 440.7/8SLS    | 7/8    | 46,9   | 32,3    | 8,3    | 13,3    | 9,0     | 248    | 255    |
| 440.15/16SLS  | 15/16  | 51,0   | 35,0    | 8,9    | 14,2    | 9,7     | 267    | 315    |
| 440.1PSLS     | 1      | 53,0   | 36,4    | 9,4    | 14,7    | 9,9     | 274    | 340    |
| 440.1P1/16SLS | 1"1/16 | 58,0   | 39,2    | 8,9    | 15,6    | 10,4    | 295    | 400    |
| 440.1P1/8SLS  | 1"1/8  | 60,7   | 40,6    | 10,6   | 16,1    | 10,7    | 305    | 440    |
| 440.1P1/4SLS  | 1"1/4  | 68,0   | 46,1    | 11,5   | 18,0    | 12,5    | 355    | 665    |
| 440.1P5/16SLS | 1"5/16 | 69,8   | 47,0    | 11,8   | 18,5    | 12,8    | 380    | 740    |

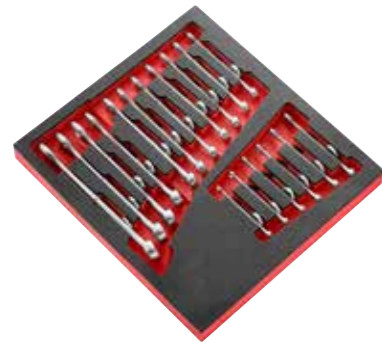
467.SLS - Metric standard ratchet combination wrenches - SLS



- NF ISO 1711-1, NF ISO 691, ISO 1711-1, ISO 691, DIN ISO 1711-1, DIN ISO 691, ASME B107.100**
- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The crimped "sliding" cable solution, selected and tested by FACOM, maintains user ergonomics (8 - 30 mm wrenches).
  - Standard ratchet combination wrenches: for all current applications.
  - Compact ratchet mechanism and reversible by lever.
  - Increment 5° (6° for dimensions 8 and 9 mm).
  - Ring head angled at 15°.
  - Open end head angled at 15°.
  - Metric sizes: 8 to 32 mm.
  - Presentation: satin chrome finish.

| Ø         | A [mm] | B [mm] | B1 [mm] | C [mm] | E [mm] | E1 [mm] | E2 [mm] | L [mm] | ΔΔ [g] |
|-----------|--------|--------|---------|--------|--------|---------|---------|--------|--------|
| 467.8SLS  | 8      | 16,7   | 17,0    | 9,7    | 4,3    | 6,5     | 2,5     | 140    | 55     |
| 467.9SLS  | 9      | 18,7   | 18,6    | 10,3   | 4,5    | 6,9     | 2,5     | 149    | 65     |
| 467.10SLS | 10     | 20,8   | 20,2    | 11,3   | 5,0    | 7,3     | 2,9     | 158    | 75     |
| 467.11SLS | 11     | 23,0   | 22,0    | 12,2   | 5,3    | 7,7     | 3,2     | 165    | 85     |
| 467.12SLS | 12     | 24,6   | 23,4    | 13,0   | 5,5    | 8,2     | 3,3     | 171    | 95     |
| 467.13SLS | 13     | 26,8   | 25,5    | 14,5   | 6,1    | 8,6     | 3,5     | 178    | 115    |
| 467.14SLS | 14     | 29,0   | 26,9    | 15,1   | 6,5    | 9,0     | 3,8     | 190    | 135    |
| 467.15SLS | 15     | 31,0   | 28,3    | 16,1   | 6,8    | 9,4     | 4,0     | 199    | 155    |
| 467.16SLS | 16     | 33,0   | 29,8    | 17,3   | 7,1    | 9,9     | 4,2     | 208    | 165    |
| 467.17SLS | 17     | 35,5   | 31,8    | 18,2   | 7,5    | 10,3    | 4,5     | 225    | 195    |
| 467.18SLS | 18     | 37,5   | 32,7    | 19,6   | 8,1    | 10,7    | 4,6     | 236    | 225    |
| 467.19SLS | 19     | 39,4   | 34,0    | 20,4   | 8,6    | 11,2    | 4,6     | 247    | 255    |
| 467.21SLS | 21     | 45,8   | 40,1    | 23,9   | 9,0    | 13,0    | 5,1     | 288    | 365    |
| 467.22SLS | 22     | 45,8   | 40,1    | 23,9   | 9,0    | 13,0    | 5,1     | 288    | 365    |
| 467.24SLS | 24     | 51,8   | 46,5    | 26,4   | 10,0   | 14,5    | 5,6     | 321    | 505    |
| 467.27SLS | 27     | 56,4   | 52,4    | 29,2   | 10,8   | 15,5    | 6,3     | 357    | 685    |
| 467.30SLS | 30     | 62,7   | 58,1    | 31,7   | 11,5   | 17,0    | 6,8     | 401    | 895    |
| 467.32SLS | 32     | 66,4   | 61,9    | 33,7   | 12,4   | 17,5    | 7,3     | 424    | 1105   |

MODM.440J17SLS Foam module of 17 OGV® combination wrenches 6 to 24 mm - SLS



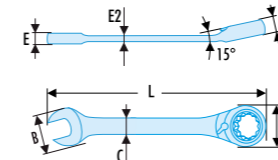
- Tools fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The « sliding » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
- Compatible with the FACOM modular storage system:
  - Adapted to CHRONO XL, CHRONO+, JET XL and JET+ roller cabinets.
- Comprising:
  - 17 x combination wrenches 440.SLS: 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 mm.
  - 2/3 drawer foam tray PM.MOD440J17SLS (378 x 415 mm).
  - Weight: 2.340 kg.

MODM.440J5SLS Foam module of 5 OGV® combination wrenches 27 to 34 mm - SLS



- Tools fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The « sliding » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
- Compatible with the FACOM modular storage system:
  - Adapted to CHRONO XL, CHRONO+, JET XL and JET+ roller cabinets.
- Comprising:
  - 5 combination wrenches 440.SLS: 27 - 29 - 30 - 32 - 34 mm.
  - 1/3 drawer foam tray PM.MOD440J5SLS (189 x 415 mm).
  - Weight: 2.950 kg.

467S.SLS - Short metric ratchet combination wrenches - SLS



- NF ISO 1711-1, NF ISO 691, ISO 1711-1, ISO 691, DIN ISO 1711-1, DIN ISO 691, ASME B107.100**
- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The crimped "sliding" cable solution, selected and tested by FACOM, maintains user ergonomics (8 - 30 mm wrenches).
  - Extra-short handle ratchet combination wrenches: ideal in highly dense zones.
  - Compact ratchet mechanism and reversible by lever.
  - Increment 5° (6° for dimension 7, 8 and 9 mm).
  - Ring head angled at 15°.
  - Open end head angled at 15°.
  - Metric sizes: 7 to 17 mm.
  - Presentation: satin chrome finish.

| Ø          | A [mm] | B [mm] | B1 [mm] | C [mm] | E [mm] | E1 [mm] | E2 [mm] | L [mm] | ΔΔ [g] |
|------------|--------|--------|---------|--------|--------|---------|---------|--------|--------|
| 467S.7SLS  | 7      | 16,7   | 17,0    | 6,5    | 4,0    | 6,5     | 2,8     | 90     | 50     |
| 467S.8SLS  | 8      | 16,7   | 17,0    | 6,5    | 4,0    | 6,5     | 2,8     | 90     | 50     |
| 467S.9SLS  | 9      | 18,7   | 18,6    | 6,9    | 4,4    | 6,9     | 3,0     | 93     | 55     |
| 467S.10SLS | 10     | 20,8   | 20,2    | 7,3    | 4,8    | 7,3     | 3,4     | 95     | 60     |
| 467S.11SLS | 11     | 23,0   | 22,0    | 7,7    | 5,2    | 7,7     | 3,7     | 103    | 75     |
| 467S.12SLS | 12     | 24,6   | 23,4    | 8,2    | 5,5    | 8,2     | 4,0     | 106    | 80     |
| 467S.13SLS | 13     | 26,8   | 25,5    | 8,6    | 5,8    | 8,6     | 4,0     | 108    | 90     |
| 467S.14SLS | 14     | 29,0   | 26,9    | 9,0    | 6,2    | 9,0     | 4,3     | 115    | 105    |
| 467S.15SLS | 15     | 31,0   | 28,3    | 9,4    | 6,5    | 9,4     | 4,5     | 119    | 115    |
| 467S.16SLS | 16     | 33,0   | 29,8    | 9,9    | 6,8    | 9,9     | 4,7     | 123    | 125    |
| 467S.17SLS | 17     | 35,5   | 31,8    | 10,3   | 7,2    | 10,3    | 5,0     | 127    | 140    |



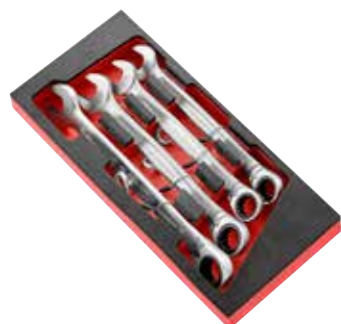
SLS - Open end wrenches

MODM.467J12SLS Foam module of 12 ratchet combination wrenches 8 to 19 mm - SLS



- Tools fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The « sliding » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
  - Compatible with the FACOM modular storage system:
    - Adapted to CHRONO XL, CHRONO+, JET XL and JET+ roller cabinets.
  - Comprising:
    - 12 ratchet combination wrenches 467.SLS: 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm.
    - 1/3 drawer foam tray PM.MOD467J12SLS (189 x 415 mm).
- Weight: 1.680 kg.

MODM.467J4SLS Foam module of 4 ratchet combination wrenches 21 to 27 mm - SLS



- Tools fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The « sliding » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
  - Compatible with the FACOM modular storage system:
    - Adapted to CHRONO XL, CHRONO+, JET XL and JET+ roller cabinets.
  - Comprising:
    - 4 ratchet combination wrenches 467.SLS: 21 - 22 - 30 - 24 - 27 mm.
    - 1/3 drawer foam tray PM.MOD467J4SLS (189 x 415 mm).
- Weight: 3.980 kg.

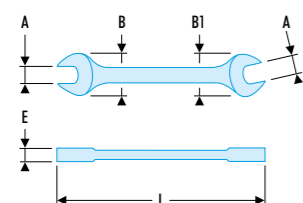
44.SLS - Metric open end wrenches - SLS



NF ISO 10102, NF ISO 3318, NF ISO 1711-1, NF ISO 691, ISO 10102, ISO 3318, ISO 1711-1, ISO 691, DIN ISO 1711-1, DIN ISO 691, DIN 3110

- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped "sliding" cable solution, selected and tested by FACOM, maintains user ergonomics (8 - 30 mm wrenches).
- Open end wrenches = the open ends are slimmer than a standard combination wrench for better thickness accessibility. Examples: brake calipers, hydraulic hose locknuts.
- Heads hinged at 15°.
- Metric sizes: 6 to 41 mm.
- Presentation: satin chrome finish.

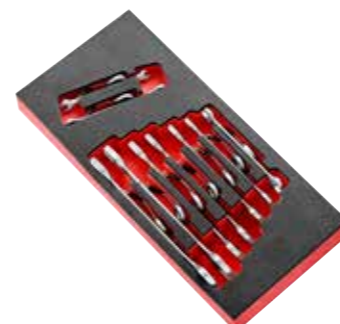
| Ref         | A [mm] | B x B1 [mm] | E [mm] | L [mm] | ΔΔ [g] |
|-------------|--------|-------------|--------|--------|--------|
| 44.6X7SLS   | 6x7    | 15,0 x 17,5 | 3,5    | 120    | 45     |
| 44.8X9SLS   | 8x9    | 18,5 x 21,0 | 3,8    | 137    | 55     |
| 44.10X11SLS | 10x11  | 23,0 x 25,0 | 4,7    | 152    | 75     |
| 44.12X13SLS | 12x13  | 25,5 x 29,0 | 5,1    | 167    | 90     |
| 44.14X15SLS | 14x15  | 31,0 x 33,0 | 5,5    | 182    | 115    |
| 44.16X17SLS | 16x17  | 35,5 x 37,0 | 6,3    | 200    | 145    |
| 44.18X19SLS | 18x19  | 39,0 x 42,0 | 7,3    | 220    | 185    |
| 44.21X23SLS | 21x23  | 47,0 x 50,5 | 8,3    | 242    | 245    |
| 44.22X24SLS | 22x24  | 47,5 x 52,0 | 8,8    | 261    | 285    |
| 44.24X27SLS | 24x27  | 51,0 x 58,0 | 8,8    | 270    | 350    |
| 44.30X32SLS | 30x32  | 63,0 x 70,0 | 9,8    | 318    | 540    |
| 44.34X36SLS | 34x36  | 71,0 x 75,0 | 11,5   | 342    | 745    |
| 44.36X41SLS | 36x41  | 78,0 x 87,0 | 12,0   | 381    | 970    |



SLS - Offset-ring wrenches

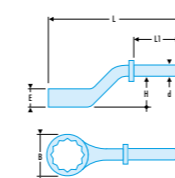
SLS - Wrenches

MODM.44J9SLS Foam module of 9 open end wrenches 6 to 24 MM - SLS



- Tools fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The « sliding » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
  - Compatible with the FACOM modular storage system:
    - Adapted to CHRONO XL, CHRONO+, JET XL and JET+ roller cabinets.
  - Comprising:
    - 9 x open end wrenches 44.SLS: 6X7 - 8X9 - 10X11 - 12X13 - 14X15 - 16X17 - 18X19 - 21X23 - 22X24 mm.
    - 1/3 drawer tray PM.MOD44J9SLS (189 x 415 mm).
- Weight: 1.300 kg.

54A.SLS - Metric "heavy-duty" offset-ring wrenches - SLS



NF ISO 691, ISO 691, DIN ISO 691

- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
- "Heavy-duty" offset-ring wrenches: wrenches for tight (unlocking, thanks to high strength of the polygonal head and long adaptable handle (to be ordered separately).
- Ring offset to clear fingers or obstacles. Ideal for series of nuts.
- Handle to use:
  - 54.M1BSLS for the dimensions 24 and 30 mm;
  - 54.M2BSLS for the dimensions 32 to 41 mm;
  - 54.M3BSLS for the dimensions 46 mm;
- Metric sizes: 24 to 46 mm.
- Presentation: satin chrome finish.

| Ref       | A [mm] | B [mm] | d [mm] | E [mm] | H [mm] | L [mm] | L1 [mm] | L2 [mm] | L3 [mm] | ΔΔ [g] |
|-----------|--------|--------|--------|--------|--------|--------|---------|---------|---------|--------|
| 54A.24SLS | 24     | 38,0   | 18,5   | 17,0   | 29,5   | 180    | 85      | 460     | 555     | 405    |
| 54A.30SLS | 30     | 48,0   | 18,5   | 18,0   | 33,5   | 200    | 95      | 460     | 565     | 575    |
| 54A.32SLS | 32     | 49,0   | 21,5   | 18,0   | 34,0   | 235    | 116     | 610     | 730     | 725    |
| 54A.36SLS | 36     | 54,0   | 21,5   | 20,0   | 35,5   | 245    | 120     | 610     | 735     | 865    |
| 54A.41SLS | 41     | 62,0   | 21,5   | 22,0   | 39,5   | 265    | 127     | 610     | 748     | 1025   |
| 54A.46SLS | 46     | 69,0   | 24,5   | 23,0   | 40,0   | 280    | 129     | 760     | 910     | 1325   |

54.MBSLS - Handle - SLS



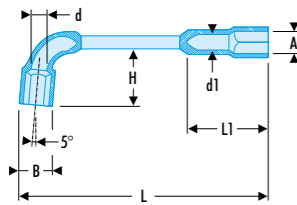
- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
- Handle 54.M1BSLS: use with 54A.24SLS and 54A.30SLS wrenches. (Length: 460 mm. Inner Ø: 19 mm. Outer Ø: 25 mm).
- Handle 54.M2BSLS: use with 54A.32SLS, 54A.36SLS and 54A.41SLS wrenches. (Length: 610 mm. Inner Ø: 23 mm. Outer Ø: 29 mm).
- Handle 54.M3BSLS: use with 54A.46 wrench. (Length: 760 mm. Inner Ø: 25 mm. Outer Ø: 32 mm).
- Finish: chromed.

| Ref       | ΔΔ [g] |
|-----------|--------|
| 54.M1BSLS | 590    |
| 54.M2BSLS | 1200   |
| 54.M3BSLS | 2300   |

76.SLS - Forged metric-size and inch-size 12 x 6 point angled open-socket wrenches - SLS



- Tool fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The « sliding » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
- Open-socket wrenches for powerful (un)tightening.
- 12-point short head for 30° increment and 6-point long-reach head.
- Short head open socket for passing threaded rods.
- Metric dimensions: 8 to 32 mm.
- Satin chrome finish.



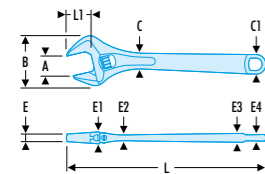
| ➤        | A [mm] | B [mm] | d [mm] | d1 [mm] | H [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|----------|--------|--------|--------|---------|--------|--------|---------|--------|
| 76.8SLS  | 8      | 12.5   | 7      | 6       | 19     | 114    | 25      | 80     |
| 76.9SLS  | 9      | 13.5   | 7      | 6       | 20     | 122    | 26      | 100    |
| 76.10SLS | 10     | 15     | 8      | 7       | 24     | 129    | 28      | 110    |
| 76.11SLS | 11     | 16.5   | 8      | 7       | 25     | 136    | 30      | 130    |
| 76.12SLS | 12     | 18     | 9      | 8       | 28     | 144    | 36      | 165    |
| 76.13SLS | 13     | 19.5   | 9      | 8       | 30     | 152    | 38      | 190    |
| 76.14SLS | 14     | 21     | 10.5   | 9       | 32     | 160    | 40      | 215    |
| 76.15SLS | 15     | 22.5   | 10.5   | 10      | 34     | 169    | 42      | 230    |
| 76.16SLS | 16     | 24     | 13     | 12      | 37     | 178    | 46      | 295    |
| 76.17SLS | 17     | 25.5   | 13     | 12      | 39     | 187    | 48      | 325    |
| 76.18SLS | 18     | 26.5   | 13     | 12      | 40     | 195    | 50      | 350    |
| 76.19SLS | 19     | 28.5   | 15     | 12      | 41     | 204    | 51      | 450    |
| 76.21SLS | 21     | 30.5   | 15     | 14      | 46     | 221    | 55      | 510    |
| 76.22SLS | 22     | 32     | 15     | 14      | 48     | 230    | 57      | 600    |
| 76.24SLS | 24     | 34.5   | 18     | 16      | 54     | 250    | 67      | 795    |
| 76.27SLS | 27     | 38     | 22     | 19      | 58     | 280    | 73      | 970    |
| 76.30SLS | 30     | 42     | 24     | 21      | 64     | 310    | 83      | 1295   |
| 76.32SLS | 32     | 44.5   | 24     | 22.6    | 74     | 330    | 88      | 1440   |

113A.C - Chromed adjustable wrenches - SLS



NF ISO 6787, ISO 6787, DIN 3117, ASME B107.100

- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- Good access to the button = easy setting.
- Non-protruding moving jaw at maximum capacity.
- Pre-adjustment of jaw opening thanks to millimetric gradation.
- Right-hand button rotation.
- Range from 4" to 24".
- Presentation: chromed body and polished head faces.
- Clés à molette avec trou dans le manche : accrochage directe par mousqueton.

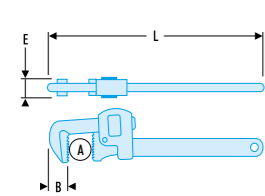


| ➤        | A [mm] | B [mm] | C x C1 [mm] | E [mm] | E1 [mm] | E2 [mm] | E3 [mm] | E4 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|----------|--------|--------|-------------|--------|---------|---------|---------|---------|--------|---------|--------|
| 113A.8C  | 27     | 61,5   | 18,5 x 24,0 | 6,5    | 13,5    | 9,0     | 11,0    | 8,5     | 206    | 24      | 275    |
| 113A.10C | 30     | 69,5   | 21,5 x 28,5 | 9,0    | 15,5    | 9,5     | 12,7    | 10,0    | 255    | 29      | 480    |
| 113A.12C | 34     | 80,0   | 25,0 x 31,0 | 10,0   | 18,0    | 10,2    | 13,0    | 10,0    | 306    | 34      | 700    |
| 113A.15C | 44     | 97,0   | 28,0 x 35,0 | 13,5   | 20,0    | 12,0    | 14,8    | 11,5    | 380    | 44      | 1145   |
| 113A.18C | 53     | 115,0  | 31,0 x 38,5 | 16,0   | 22,5    | 14,3    | 17,8    | 13,5    | 456    | 53      | 1790   |

131A.SLS - Steel Stillson models - SLS

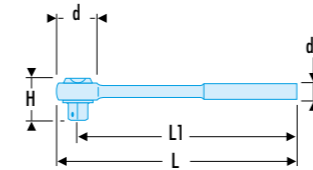
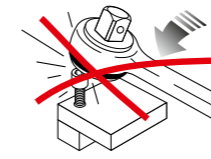


- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- Capacity: 0 to 102 mm; 0 to 3"1/2.
- Very robust wrench, head hardened to 55 HRc.
- Accurate approach thanks to fine machining of the threads and button, good grip.
- Clé "Stillson" avec trou dans le manche : accrochage directe par mousqueton.
- Mors mobile indémontable pour éviter une perte ou chute.



| ➤          | A maxi [mm] | A maxi ["] | B [mm] | E [mm] | L [mm] | ΔΔ [kg] |
|------------|-------------|------------|--------|--------|--------|---------|
| 131A.10SLS | 34          | 1          | 25,0   | 16,0   | 250    | 0,625   |
| 131A.14SLS | 49          | 1 1/2      | 29,5   | 21,0   | 350    | 1,085   |
| 131A.18SLS | 60          | 2          | 32,0   | 24,0   | 450    | 1,825   |
| 131A.24SLS | 76          | 2 1/2      | 41,5   | 27,5   | 600    | 3,025   |

1/4" maintenance free pear head ratchet - SLS



NF ISO 3315, ISO 3315, DIN 3122, ASME B107.10

- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- FACOM has adopted the clevis solution for particularly heavy and/or large tools.
- Very long lifetime in all working conditions. Dust proof, maintenance free mechanism.
- 72 teeth mechanism for 5° increments.
- Socket safety lock: no more sockets falling into machines.
- Drive direction switch allows easy reversal even with gloved or greasy hands.
- Palm control system - allows the operator to press down on the head avoiding risk of accidental reverse.
- Ultra-compact head.
- Bimaterial elastomer handle: high resistance to abrasion and the most severe workshop solvents: SP95, SP98, diesel fuel, acetone, brake fluid, Skydrol, Jet Oil, jet fuel.

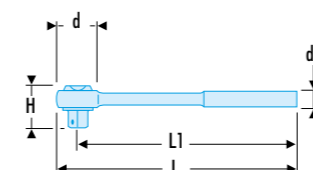
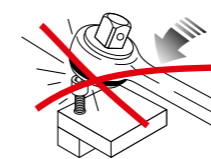
| ➤         | d [mm] | d1 [mm] | H [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|-----------|--------|---------|--------|--------|---------|--------|
| RL.171SLS | 22     | 17,5/20 | 25     | 121    | 110     | 110    |

MODM.RL1SLS 1/4" sockets module - SLS



- Tool fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The shackle solution was chosen by FACOM for particularly heavy and/or large tools.
- Only the ratchet is fitted with a shackle.
- The ratchet and locking extensions allow securing the sockets against falling during work in high places.
- Compatible with the FACOM modular storage system:
  - Adapted to CHRONO XL, CHRONO+, JET XL and JET+ roller cabinets.
- Comprising:
  - 1 x high performance 1/4" sealed locking ratchet: RL.171SLS.
  - 10 x 1/4" 6-point metric-size sockets: R. 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm.
  - 2 1/4" locking extensions: L 100 mm (R.210RC) - L 150 mm (R.215RC).
  - 1/4 of 1/3 drawer foam tray PM.MODRL1SLS (189 x 415 mm).
- Weight: 0.405 kg.

3/8" maintenance free pear head ratchet - SLS



NF ISO 3315, ISO 3315, DIN 3122, ASME B107.10

- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- FACOM has adopted the clevis solution for particularly heavy and/or large tools.
- Very long lifetime in all working conditions. Dust proof, maintenance free mechanism.
- 72 teeth mechanism for 5° increments.
- Socket safety lock: no more sockets falling into machines.
- Drive direction switch allows easy reversal even with gloved or greasy hands.
- Palm control system - allows the operator to press down on the head avoiding risk of accidental reverse.
- Ultra-compact head.
- Bimaterial elastomer handle: high resistance to abrasion and the most severe workshop solvents: SP95, SP98, diesel fuel, acetone, brake fluid, Skydrol, Jet Oil, jet fuel.

| ➤         | d [mm] | d1 [mm] | H [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|-----------|--------|---------|--------|--------|---------|--------|
| JL.171SLS | 29     | 24/27   | 29     | 210    | 195     | 240    |

SLS - Ratchets 3/8" and 1/2"

SLS - Click wrenches and screwdrivers

SLS - Torque Control - Screwdrivers

MODM.JL1SLS 3/8" sockets module - SLS



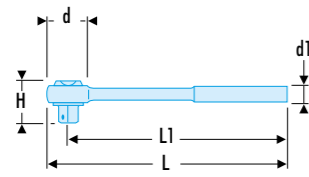
- Tool fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The shackle solution was chosen by FACOM for particularly heavy and/or large tools.
- Only the ratchet is fitted with a shackle.
- The ratchet and locking extensions allow securing the sockets against falling during work in high places.
- Compatible with the FACOM modular storage system:
  - Adapted to CHRONO XL, CHRONO+, JET XL and JET+ roller cabinets.
- Comprising:
  - 1 x high performance 3/8" sealed locking ratchet: JL.171SLS.
  - 15 x 3/8" 6-point metric-size sockets: J.H 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 mm.
  - 2 3/8" locking extensions: L 125 mm (J.210RC) - L 250 mm (J.215RC).
  - 3/4 of 1/3 drawer foam tray PM.MODJL1SLS (189 x 310 mm).
- Weight: 1.380 kg.

1/2" maintenance free pear head ratchet - SLS



NF ISO 3315, ISO 3315, DIN 3122, ASME B107.10

- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- FACOM has adopted the clevis solution for particularly heavy and/or large tools.
- Very long lifetime in all working conditions. Dust proof, maintenance free mechanism.
- 72 teeth mechanism for 5° increments.
- Socket safety lock: no more sockets falling into machines.
- Drive direction switch allows easy reversal even with gloved or greasy hands.
- Palm control system - allows the operator to press down on the head avoiding risk of accidental reverse.
- Ultra-compact head.
- Bimaterial elastomer handle: high resistance to abrasion and the most severe workshop solvents: SP95, SP98, diesel fuel, acetone, brake fluid, Skydrol, Jet Oil, jet fuel.



|           | d [mm] | d1 [mm] | H [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|-----------|--------|---------|--------|--------|---------|--------|
| SL.171SLS | 38     | 30/33   | 40     | 262    | 245     | 480    |

MODM.SL1SLS 1/2" sockets module - SLS



- Tool fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The shackle solution was chosen by FACOM for particularly heavy and/or large tools.
- Only the ratchet is fitted with a shackle.
- The ratchet and locking extensions allow securing the sockets against falling during work in high places.
- Compatible with the FACOM modular storage system:
  - Adapted to CHRONO XL, CHRONO+, JET XL and JET+ roller cabinets.
- Comprising:
  - 1 x high performance 1/2" sealed locking ratchet: SL.171SLS.
  - 18 x 1/2" 6-point metric-size sockets: S.H 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 23 - 24 - 27 - 30 - 32 mm.
  - 2 1/2" locking extensions: L 130 mm (S.210RC) - L 250 mm (S.215RC).
  - 3/4 of 1/3 drawer foam tray PM.MODSL1SLS (189 x 415 mm).
- Weight: 1.380 kg.

306D.SLS - Click wrenches without accessories - SLS



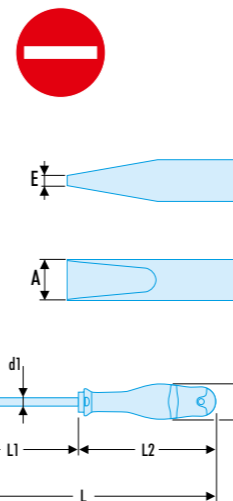
NF EN ISO 6789, ISO 6789, DIN EN ISO 6789

- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- FACOM has adopted the clevis solution for particularly heavy and/or large tools (32 - 41 mm wrenches).
- Factory accuracy: ± 2% except: R.306-25DSLS.
- Reliability of mechanism: 50 000 cycles (wrenches up to 200 N.m).
- Use possible with accessories:
  - End fitting: 9 x 12 or 14 x 18 mm.
  - Diameter: 30 mm.
- One-way wrenches usable for unscrewing by reversing the bits.
- Numbered wrenches supplied with ISO 6789 calibration certificate.
- Supplied in plastic box.

|               | Capacité [N.m] | Attachement | Graduation [N.m] | L [mm] | Boîte | ΔΔ [kg] |
|---------------|----------------|-------------|------------------|--------|-------|---------|
| R.306-25DSLS  | 5 - 25         | 9 x 12      | 0,10             | 271    | BP.D1 | 0,490   |
| J.306-50DSLS  | 10 - 50        | 9 x 12      | 1,00             | 357    | BP.D2 | 0,970   |
| S.306-100DSLS | 20 - 100       | 9 x 12      | 1,00             | 437    | BP.D2 | 1,090   |
| S.306-200DSLS | 40 - 200       | 14 x 18     | 1,00             | 515    | BP.D3 | 1,300   |
| S.306-350DSLS | 70 - 350       | 14 x 18     | 2,00             | 725    | BP.D3 | 1,830   |

SLS - Screwdrivers

AN-ANF.SLS - PROTWIST® screwdrivers for slotted head screws - milled blades - SLS

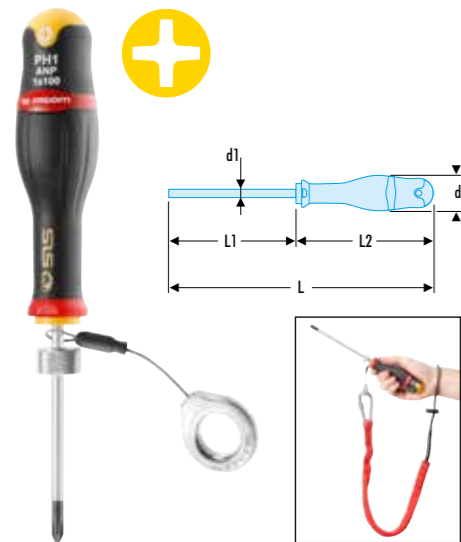


NF ISO 2380-1, NF ISO 2380-2, ISO 2380-1, ISO 2380-2, DIN ISO 2380-1, DIN ISO 2380-2, ASME B107.600

- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed blade.

|              | A [mm] | E [mm] | d [mm] | d1 x L1 [mm] | L [mm] | L2 [mm] | ΔΔ [g] |
|--------------|--------|--------|--------|--------------|--------|---------|--------|
| AN2X75SLS    | 2,0    | 0,4    | 19     | 2,0 x 75     | 169    | 94      | 60     |
| AN2.5X75SLS  | 2,5    | 0,4    | 19     | 2,5 x 75     | 169    | 94      | 60     |
| AN3X100SLS   | 3,0    | 0,5    | 25     | 3,0 x 100    | 203    | 103     | 75     |
| AN3.5X100SLS | 3,5    | 0,6    | 25     | 3,5 x 100    | 203    | 103     | 85     |
| AN4X100SLS   | 4,0    | 0,8    | 30     | 4,0 x 100    | 209    | 109     | 90     |
| AN4X150SLS   | 4,0    | 0,8    | 30     | 4,0 x 150    | 259    | 109     | 95     |
| AN5.5X150SLS | 5,5    | 1,0    | 30     | 5,5 x 150    | 259    | 109     | 130    |
| AN6.5X150SLS | 6,5    | 1,2    | 36     | 6,5 x 150    | 270    | 120     | 170    |
| ANF8X150SLS  | 8,0    | 1,2    | 40     | 7,0 x 150    | 275    | 125     | 190    |
| ANF10X200SLS | 10,0   | 1,6    | 40     | 9,0 x 200    | 325    | 125     | 255    |

ANP.SLS - PROTWIST® screwdrivers for Phillips® screws - round blades - SLS



- NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600
- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
  - Silicon carbon blade: strong and resistant to flexion.
  - Bi-material grip resists to impacts, abrasion, and chemicals.
  - Finish: black tipped mat chromed blade.

| Ref         | Phillips [No] | d [mm] | d1 x L1 [mm] | L [mm] | L2 [mm] | ΔΔ [g] |
|-------------|---------------|--------|--------------|--------|---------|--------|
| ANP1X100SLS | PH1           | 30     | 4,5 x 100    | 209    | 109     | 115    |
| ANP2X125SLS | PH2           | 36     | 6,0 x 125    | 245    | 120     | 165    |
| ANP3X150SLS | PH3           | 40     | 8,0 x 150    | 275    | 125     | 235    |

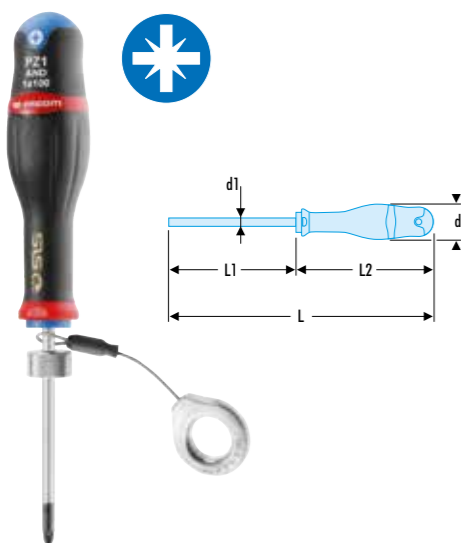
86H.JESLS - Hexagon keys on sleeve - SLS



- Tool fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The « turning » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
- Very compact sleeve.
- Positive grip.
- Keys on 90° end stop for tightening.
- Keys in silicon steel issued from series 82H.
- Phosphate finish.

| Ref         | Ø [mm]                                   | d [mm] | d1 [mm] | L [mm] | ΔΔ [g] |
|-------------|------------------------------------------|--------|---------|--------|--------|
| 86H.JE7ASLS | 2,5 - 3,0 - 4,0 - 5,0 - 6,0 - 8,0 - 10,0 | 30     | 24      | 32     | 375    |
| 86H.JE7BSLS | 1,5 - 2,0 - 2,5 - 3,0 - 4,0 - 5,0 - 6,0  | 22     | 18      | 118    | 175    |

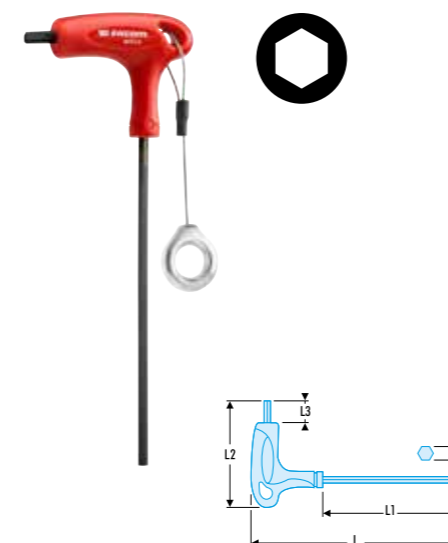
AND.SLS - PROTWIST® screwdrivers for Pozidriv® screws - round blades - SLS



- NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600
- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
  - Silicon carbon blade: strong and resistant to flexion.
  - Bi-material grip resists to impacts, abrasion, and chemicals.
  - Finish: black tipped mat chromed round blade.

| Ref         | Pozidriv [No] | d [mm] | d1 x L1 [mm] | L [mm] | L2 [mm] | ΔΔ [g] |
|-------------|---------------|--------|--------------|--------|---------|--------|
| AND1X100SLS | PZ1           | 30     | 4,5 x 100    | 209    | 109     | 115    |
| AND2X125SLS | PZ2           | 36     | 6,0 x 125    | 245    | 120     | 165    |
| AND3X150SLS | PZ3           | 40     | 8,0 x 150    | 275    | 125     | 235    |

84TZ.SLS - Metric hexagon keys - SLS



- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
- Ergonomic T handle for efficient use of the two ends of the key.
- Silicon steel.
- Finish: polished, phosphate-coated.

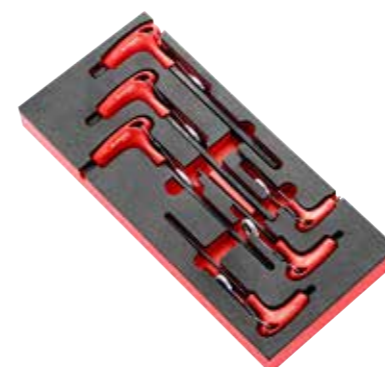
| Ref         | A [mm] | L [mm] | L1 [mm] | L2 [mm] | L3 [mm] | ΔΔ [g] |
|-------------|--------|--------|---------|---------|---------|--------|
| 84TZ.2.5SLS | 2.5    | 133    | 90      | 63      | 11      | 35     |
| 84TZ.3SLS   | 3      | 133    | 90      | 63      | 11      | 50     |
| 84TZ.4SLS   | 4      | 183    | 130     | 77      | 12      | 85     |
| 84TZ.5SLS   | 5      | 183    | 130     | 77      | 12      | 95     |
| 84TZ.6SLS   | 6      | 240    | 175     | 95      | 15      | 140    |
| 84TZ.8SLS   | 8      | 240    | 175     | 95      | 15      | 150    |
| 84TZ.10SLS  | 10     | 240    | 175     | 95      | 15      | 220    |

MODM.AN1SLS Foam module for 8 screwdrivers - SLS



- Tools fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The « turning » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
- Compatible with the FACOM modular storage system:
  - Adapted to CHRONO XL, CHRONO+, JET XL and JET+ roller cabinets.
- Comprising:
  - 6 x PROTWIST® screwdrivers for slotted head screws AN.SLS: 2.5X75 - 3X100 - 4x100 - 5.5X150 - 6.5X150 - 8X150 mm.
  - 2 x PROTWIST® screwdrivers for Phillips® screws ANP.SLS: PH1 - PH2.
  - 3/4 of 1/3 drawer foam tray PM.MODAN1SLS (189 x 415 mm).
- Weight: 1.055 kg.

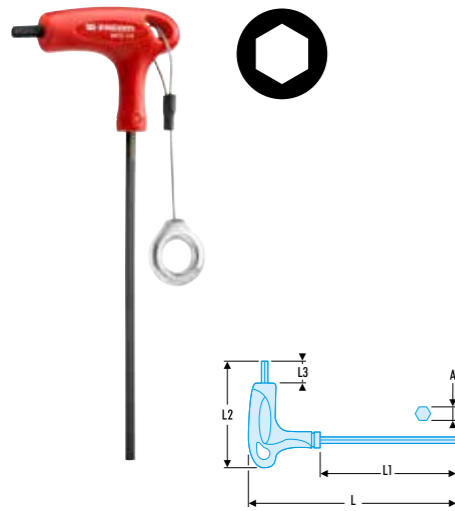
MODM.84TZJ6SLS Foam module for 6 "T" hex keys - SLS



- Tools fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The « turning » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
- Compatible with the FACOM modular storage system:
  - Adapted to CHRONO XL, CHRONO+, JET XL and JET+ roller cabinets.
- Comprising:
  - 6 x "T" hex keys 84TZ.SLS: 3 - 4 - 5 - 6 - 8 - 10 mm.
  - 1/3 drawer foam tray PM.MOD84TZJ6SLS (189 x 415 mm).
- Weight: 0.800 kg.

SLS - Hexagon keys

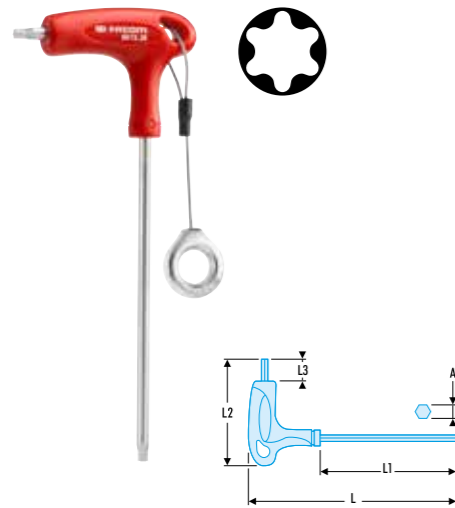
84TZ.SLS - Inch hexagon keys - SLS



- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
- Ergonomic T handle for efficient use of the two ends of the key.
- Silicon steel.
- Finish: polished, phosphate-coated.

| Ref          | A ["] | L [mm] | L1 [mm] | L2 [mm] | L3 [mm] | ΔΔ [g] |
|--------------|-------|--------|---------|---------|---------|--------|
| 84TZ.5/32SLS | 5/32  | 183    | 130     | 77      | 12      | 85     |
| 84TZ.3/16SLS | 3/16  | 183    | 130     | 77      | 12      | 90     |
| 84TZ.7/32SLS | 7/32  | 240    | 175     | 95      | 15      | 105    |
| 84TZ.1/4SLS  | 1/4   | 240    | 175     | 95      | 15      | 140    |
| 84TZ.5/16SLS | 5/16  | 240    | 175     | 95      | 15      | 150    |
| 84TZ.3/8SLS  | 3/8   | 240    | 175     | 95      | 15      | 205    |

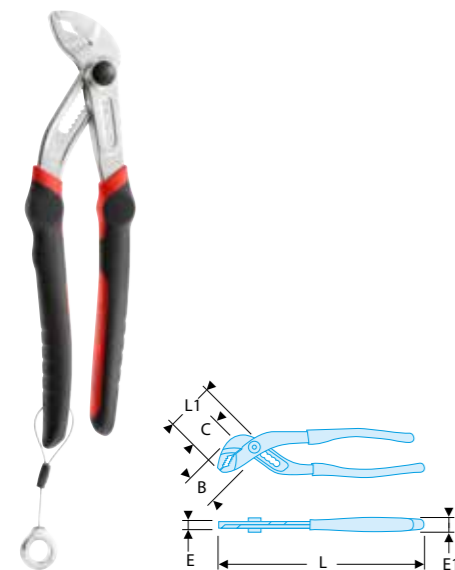
89TX.SLS - Torx® spinners - SLS



- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
- Ergonomic handle for efficient use of the two ends of the key.
- Finish: chromed shot-blasted.

| Ref        | A [mm] | Torx [No] | L [mm] | L1 [mm] | L2 [mm] | L3 [mm] | ΔΔ [g] |
|------------|--------|-----------|--------|---------|---------|---------|--------|
| 89TX.10SLS | 2,72   | T10       | 133    | 90      | 63      | 12      | 35     |
| 89TX.15SLS | 3,26   | T15       | 133    | 130     | 77      | 12      | 40     |
| 89TX.20SLS | 3,84   | T20       | 183    | 130     | 77      | 12      | 65     |
| 89TX.25SLS | 4,40   | T25       | 183    | 130     | 77      | 15      | 80     |
| 89TX.30SLS | 5,49   | T30       | 240    | 175     | 95      | 15      | 115    |
| 89TX.40SLS | 6,60   | T40       | 240    | 175     | 95      | 15      | 130    |
| 89TX.45SLS | 7,77   | T45       | 240    | 175     | 95      | 15      | 150    |
| 89TX.50SLS | 8,79   | T50       | 240    | 175     | 95      | 15      | 195    |

181A.SLS - Locking twin slip-joint multigrip pliers - SLS



- NF ISO 8976, ISO 8976, DIN ISO 8976, ASME B107.500**
- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
  - Fast, precise push-button adjustment with safety lock.
  - 12-position notches.
  - The closed position of the ergonomic comfort grip handles increases the tightening power.
  - High torsional strength.
  - Slim-profile self-gripping nose.
  - 62 HRc high-frequency treated jaws.
  - Finish:
    - Chromed, bi-material ergonomic grips.

| Ref           | B [mm] | C [mm] | E [mm] | E1 [mm] | L [mm] | L1 [mm] | Capacity Nuts [mm] | Capacité Maxi Tube [mm] | ΔΔ [g] |
|---------------|--------|--------|--------|---------|--------|---------|--------------------|-------------------------|--------|
| 181A.18CPESLS | 22     | 24     | 7,5    | 20,0    | 185    | 48      | 36                 | 36                      | 255    |
| 181A.25CPESLS | 28     | 28     | 7,5    | 22,5    | 245    | 54      | 41                 | 42                      | 385    |

SLS - Multigrip pliers

SLS - Pliers

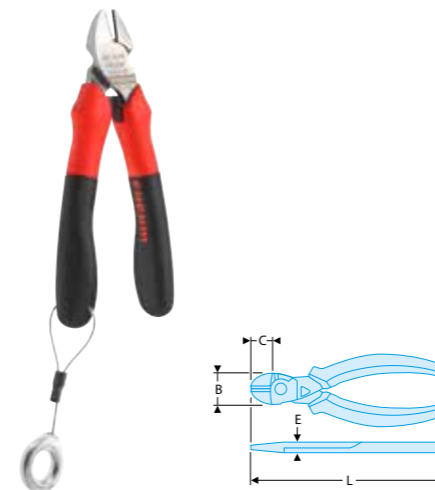
High-performance multigrip pliers -SLS



- NF ISO 8976, ISO 8976, DIN ISO 8976, ASME B107.500**
- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
  - Capacity: 44 mm.
  - Ideal for confined spaces: long reach thin noses.
  - Double heat-treated tips: high wear resistance, hardness 60/62 HRc.
  - 3 options:
    - Chrome finish, ergonomic grips.

| Ref        | A [mm] | B [mm] | E [mm] | E1 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|------------|--------|--------|--------|---------|--------|---------|--------|
| 180.CPESLS | 27     | 34     | 8      | 22      | 250    | 58      | 385    |

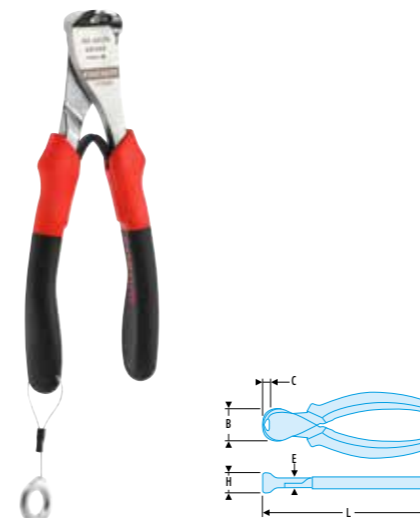
192.CPESLS diagonal cutters - SLS



- NF ISO 5749, ISO 5749, DIN ISO 5749, ASME B107.500**
- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
  - Cutting edges designed to cleanly cut all types of wire: piano wire, soft wires and modern materials 200 kg/mm<sup>2</sup>.
  - Minimum cutting force thanks to long lever arm and offset axis.
  - High durability Chrome-Molybdenum-Vanadium steel, very hard cutting edges 61/63 HRc.
  - Ergonomic grips resistant to chemical agents.
  - Removable return spring.
  - Finish: chromed.

| Ref          | B [mm] | C [mm] | d maxi [mm] | E [mm] | L [mm] | ΔΔ [g] |
|--------------|--------|--------|-------------|--------|--------|--------|
| 192.16CPESLS | 24,0   | 18,0   | 1,6         | 10,0   | 160    | 225    |
| 192.20CPESLS | 28,0   | 22,0   | 2,0         | 11,5   | 200    | 345    |

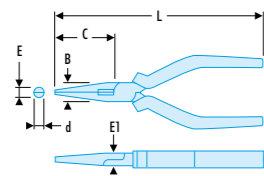
190.CPESLS - End cutters - SLS



- NF ISO 5748, ISO 5748, DIN ISO 5748, ASME B107.500**
- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
  - Cutting edges designed to cleanly cut all types of wire: piano wire, hard and soft wires (max. 200 kg/mm<sup>2</sup>).
  - Long lever arm, offset pivot for minimum cutting effort.
  - High durability Chrome-Molybdenum-Vanadium steel, very hard cutting edges 61/63 HRc.
  - Ergonomic grips resistant to chemical agents.
  - Removable return spring.
  - Finish: chromed.

| Ref          | B [mm] | C [mm] | d maxi [mm] | E [mm] | H [mm] | L [mm] | ΔΔ [g] |
|--------------|--------|--------|-------------|--------|--------|--------|--------|
| 190.16CPESLS | 28     | 6,5    | 1,6         | 11,5   | 23     | 160    | 225    |
| 190.20CPESLS | 31     | 7,5    | 2,0         | 13,5   | 29     | 200    | 365    |

Long half-round nose pliers - SLS

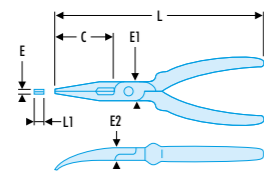


NF ISO 5745, ISO 5745, DIN ISO 5745, ASME B107.500

- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
- Narrow, finely serrated tips with a pipe-grip.
- Side cutter for copper and hard steel wire (max. 160 kg/mm<sup>2</sup>).
- Ergonomic grips resistant to chemical agents.
- Removable return spring.
- Finish: chromed.

| Ref          | B [mm] | C [mm] | d [mm] | E [mm] | E1 [mm] | L [mm] | ΔΔ [g] |
|--------------|--------|--------|--------|--------|---------|--------|--------|
| 185.20CPESLS | 18     | 75     | 2,9    | 3,6    | 9       | 200    | 215    |

Short half-round nose pliers - SLS

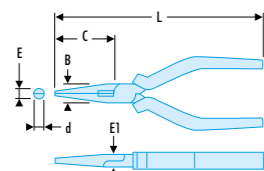


NF ISO 5745, ISO 5745, DIN ISO 5745, ASME B107.500

- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
- Narrow, finely serrated tips, 40° angled nose.
- Side cutter for copper and hard steel wire (max. 160 kg/mm<sup>2</sup>).
- Ergonomic grips resistant to chemical agents.
- Removable return spring.
- Finish: chromed.

| Ref          | C [mm] | E [mm] | E1 [mm] | E2 [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|--------------|--------|--------|---------|---------|--------|---------|--------|
| 195.16CPESLS | 50     | 3      | 17      | 9       | 160    | 2,5     | 205    |

Long half-round nose pliers - SLS

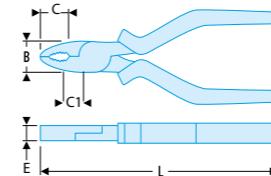


NF ISO 5745, ISO 5745, DIN ISO 5745, ASME B107.500

- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
- Narrow, finely serrated tips with a pipe-grip.
- Side cutter for copper and hard steel wire (max. 160 kg/mm<sup>2</sup>).
- Ergonomic grips resistant to chemical agents.
- Removable return spring.
- Finish: chromed.

| Ref          | B [mm] | C [mm] | d [mm] | E [mm] | E1 [mm] | L [mm] | ΔΔ [g] |
|--------------|--------|--------|--------|--------|---------|--------|--------|
| 195.20CPESLS | 18     | 69     | 2,9    | 3,6    | 9       | 200    | 215    |

187.CPESLS - Combination pliers- SLS



NF ISO 5746, ISO 5746, DIN ISO 5746, ASME B107.500

- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
- Cutting edges designed to cut all types of wire: piano wire, soft wires and modern materials (Fe 200 kg/mm<sup>2</sup>).
- Long lever arm, offset pivot for minimum cutting effort.
- High durability Chrome-Molybdenum-Vanadium steel, very hard cutting edges 61/63 HRC.
- Ergonomic grips resistant to chemical agents.
- Removable return spring.
- Finish: chromed.

| Ref          | B [mm] | C [mm] | C1 [mm] | E [mm] | L [mm] | ΔΔ [g] |
|--------------|--------|--------|---------|--------|--------|--------|
| 187.16CPESLS | 21     | 34     | 12      | 9,5    | 165    | 220    |
| 187.18CPESLS | 23     | 36     | 13      | 10,0   | 185    | 250    |

179A.SLS - Straight nose inside circlip® pliers - SLS



NF E 73-130, DIN 5256, ASME B107.500

- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
- For Circlips® 12 --> 60 mm.
- Piano wire tips: high distortion resistance.
- Long 10° angled tips for optimum circlip holding.
- Identification colour code: saves time.
- Grips in anti-slip granite PVC.

| Ref        | d [mm] | d mini - maxi [mm] | L [mm] | ΔΔ [g] |
|------------|--------|--------------------|--------|--------|
| 179A.13SLS | 1,3    | 12 - 25            | 140    | 140    |
| 179A.18SLS | 1,8    | 19 - 60            | 185    | 240    |

177A.SLS - Straight nose outside circlip® pliers - SLS



NF E 73-130, DIN 5254, ASME B107.500

- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
- For Circlips® 10 --> 60 mm.
- Piano wire tips: high distortion resistance.
- Long 10° angled tips for optimum circlip holding.
- Identification colour code: saves time.
- Grips in anti-slip granite PVC.

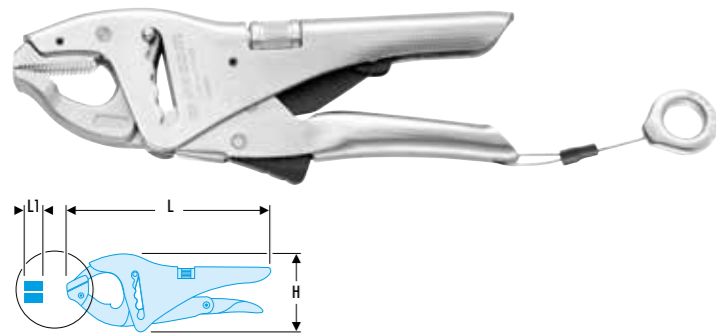
| Ref        | d [mm] | d mini - maxi [mm] | L [mm] | ΔΔ [g] |
|------------|--------|--------------------|--------|--------|
| 177A.13SLS | 1,3    | 10 - 25            | 150    | 130    |
| 177A.18SLS | 1,8    | 19 - 60            | 180    | 200    |

SLS - Lock-grip pliers, crimping pliers and cable-tie pliers

SLS - Rules and tip scriber

SLS - Measuring

Short-nose lock-grip pliers - SLS



- ASME B107.500**
- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
  - 4-position slip joint system.
  - Nose width 17 mm.
  - Machined groove in upper jaw holds small round sections.
  - Finish: chromed.

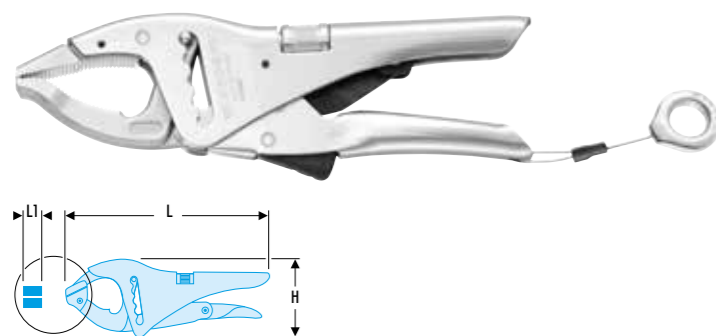
|                | H [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|----------------|--------|--------|---------|--------|
| <b>500ASLS</b> | 85     | 235    | 17      | 765    |

MODM.CPE1SLS Foam module for 2 pliers - SLS



- Tools fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The « turning » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
  - Compatible with the FACOM modular storage system:
    - Adapted to CHRONO XL, CHRONO+, JET XL and JET+ roller cabinets.
  - Comprising:
    - 1 x long-nose lock-grip pliers: 501ASLS.
    - 1 x slip-joint locking multigrip pliers: 181A.25CPESLS.
    - 1/3 drawer foam tray PM.MODCPE1SLS (189 x 415 mm).
- Weight: 1.245 kg.

Long-nose lock-grip pliers - SLS



- ASME B107.500**
- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
  - 4-position slip joint system.
  - Nose width 17 mm.
  - Machined groove in upper jaw holds small round sections.
  - Finish: chromed.
- Weight: 620 g.

|                | H [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|----------------|--------|--------|---------|--------|
| <b>501ASLS</b> | 80     | 252    | 17      | 800    |

MODM.CPE2SLS Foam module for 3 pliers - SLS



- Tools fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The « turning » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
  - Compatible with the FACOM modular storage system:
    - Adapted to CHRONO XL, CHRONO+, JET XL and JET+ roller cabinets.
  - Comprising:
    - 1 x diagonal cutters: 192.16CPESLS.
    - 1 x long-nose half-round pliers: 185.20CPESLS.
    - 1 x combination pliers: 187.18CPESLS.
    - 1/3 drawer foam tray PM.MODCPE2SLS (189 x 415 mm).
- Weight: 0.750 kg.

449BSLS Standard crimping pliers for insulated terminals - SLS



- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
  - Crimping pre-insulated terminals: 1.5-2.5-6 mm<sup>2</sup>.
  - Crimping bare terminals: 1.5-2.5-6 mm<sup>2</sup>.
  - Stripping: 0.75 to 6 mm<sup>2</sup>.
  - Built-in wire cutting function.
- Weight: 345 g.

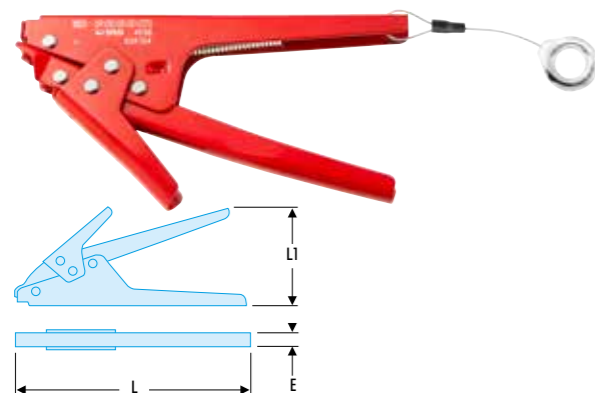
803.SLS - Stainless steel rules - 2 sides - SLS



- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
- Engraved on both sides.
- One side in mm - One side in 1/2 mm.
- Stainless steel 18 % Cr - 8 % Ni.
- Anti-reflection mat satin surface.

|                    | L [mm] | L1 x L2 [mm] | ΔΔ [g] |
|--------------------|--------|--------------|--------|
| <b>803.200MSLS</b> | 200    | 13 x 0,4     | 35     |
| <b>803.300MSLS</b> | 300    | 13 x 0,5     | 40     |

Plastic cable-tie pliers - SLS



- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
  - For all cable-ties 2.4 to 9 mm wide.
  - Sturdy and easy to use, very good demultiplication.
  - Long travel for a fast approach.
  - Manual cable-tie tail cutting.
- Weight: 310 g

|                | E [mm] | L [mm] | L1 [mm] | ΔΔ [g] |
|----------------|--------|--------|---------|--------|
| <b>455BSLS</b> | 17     | 190    | 100     | 335    |

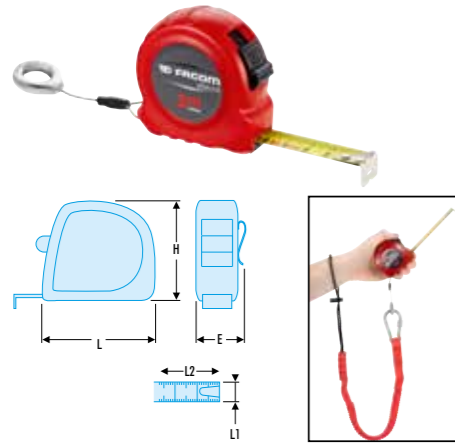
234.SSLS Interchangeable steel tip scriber - SLS



- Tool fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The « turning » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
  - The steel tips are glued and non-removable to prevent any risk of fall or loss.
  - Tip treated in fast steel.
  - Tips: Ø 4 mm.
  - Body: Ø 8 mm.
  - Length: 260 mm.
- Weight: 70 g

SLS - Tape measure

893.SLS - ABS body tape measure - SLS



- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
- Ergonomic, ABS material.
- Tape with mat anti-reflection nylon tape.
- High strength tape.
- High strength cover hook:
  - 2 rivets with stainless reinforcement plate on the 3 m.
  - 3 rivets with stainless reinforcement plate on the 8 m.
- Ruban imprimé double face, pour utilisation en réglet. **pas traduit EN**
- Interior measurements by adding the L dimension (see table).

|            | E [mm] | H [mm] | L [mm] | L1 [mm] | L2 [m] | ΔΔ [g] |
|------------|--------|--------|--------|---------|--------|--------|
| 893.316SLS | 31,8   | 59,2   | 60     | 16      | 3      | 150    |
| 893.519SLS | 35,2   | 65,1   | 70     | 19      | 5      | 225    |

804FSL Round tip metric-size thickness gauges - SLS



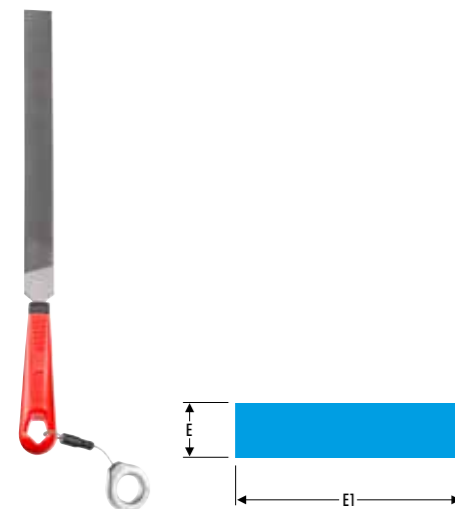
- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
- Set of 19 plates ( round tip ) : 4/100 -> 100 / 100mm.
- Length of blade : 90 mm .
- Weight : 85 g

601SLS Compact hacksaw frame - SLS



- NF E 73-073, DIN 6473
- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
  - Impact-resistant steel/resin construction compact and lightweight.
  - Blade tension 80 kg.
  - 2 blade positions: 45° and 90°.
  - Takes 300 mm blade.
  - Dimensions (L x W.): 385 x 145 mm.
  - Supplied with one blade.
  - Weight: 615 g.
  - Spare blades: 668B.

Flat bastard file with grip - SLS



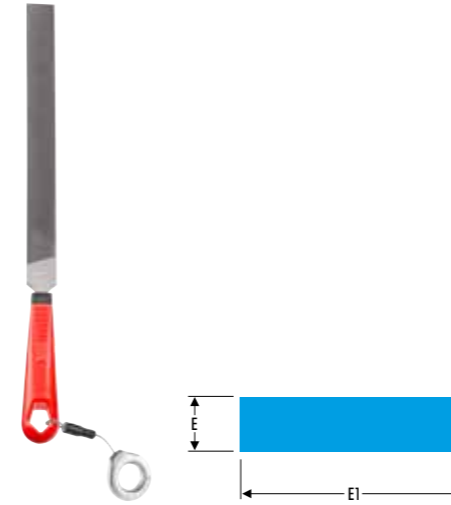
- NFE 75-001, NFE 75-002
- Tool fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The « turning » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
  - The plastic grip is glued and non-removable to prevent any risk of fall or loss.
  - Flat files with handle.
  - 2 double cut squares.
  - 1 single cut square.
  - 1 smooth cut.
- Presentation: ergonomic handle in plastic resistant to the most aggressive workshop solvents.
- Recommended for roughing steel, cast iron, brass, and hard plastics.

|                | E x E1 [mm] | L [mm] | ΔΔ [g] |
|----------------|-------------|--------|--------|
| PAM.B250EMASLS | 6 x 25      | 250    | 335    |

SLS - Flat files

SLS - Cutting

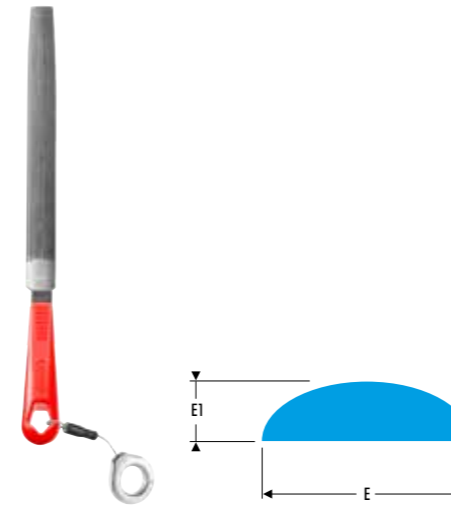
Half-soft flat file with grip - SLS



- NFE 75-001, NFE 75-002
- Tool fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The « turning » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
  - The plastic grip is glued and non-removable to prevent any risk of fall or loss.
  - Flat file with handle.
  - 2 double cut squares.
  - 1 single cut square.
  - 1 smooth cut.
- Presentation: ergonomic handle in plastic resistant to the most aggressive workshop solvents.
- Recommended for steel, cast iron, brass, and hard plastics.

|                 | E x E1 [mm] | L [mm] | ΔΔ [g] |
|-----------------|-------------|--------|--------|
| PAM.MD250EMASLS | 6 x 25      | 250    | 340    |

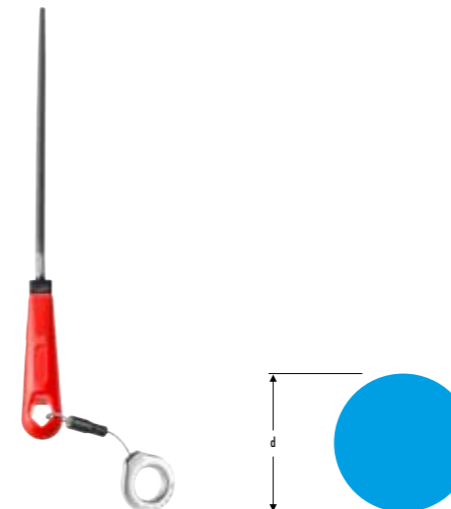
Half-soft half-round flat file with grip - SLS



- NFE 75-001, NFE 75-002
- Tool fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The « turning » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
  - The plastic grip is glued and non-removable to prevent any risk of fall or loss.
  - Half-round file with handle.
  - Double second-cut squares.
  - Double cut square.
- Presentation: ergonomic handle in plastic resistant to the most aggressive workshop solvents.
- Recommended for common work on steel, cast iron, brass, and hard plastics.

|                 | E x E1 [mm] | L [mm] | ΔΔ [g] |
|-----------------|-------------|--------|--------|
| DRD.MD250EMASLS | 7 x 25      | 250    | 245    |

Half-soft round flat file with grip - SLS



- NFE 75-001, NFE 75-002
- Tool fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The « turning » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
  - The plastic grip is glued and non-removable to prevent any risk of fall or loss.
  - Round file with handle.
  - Double square.
- Presentation: ergonomic handle in plastic resistant to the most aggressive workshop solvents.
- Recommended for common work on steel, cast iron, brass, and hard plastics.

|                | E x E1 [mm] | L [mm] | ΔΔ [g] |
|----------------|-------------|--------|--------|
| RD.MD200EMASLS | 8           | 200    | 165    |



Half-soft triangular file with grip - SLS



NFE 75-001, NFE 75-002

- Tool fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The « turning » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
  - The plastic grip is glued and non-removable to prevent any risk of fall or loss.
  - Triangular file with handle.
  - Double square on 3 cuts.
- Presentation: ergonomic handle in plastic resistant to the most aggressive workshop solvents.
- Recommended for common work on steel, cast iron, brass, and hard plastics.

| E x E1 [mm]     | L [mm] | ΔΔ [g] |     |
|-----------------|--------|--------|-----|
| TRI.MD200EMASLS | 15     | 200    | 235 |

Half-soft square file with grip - SLS



NFE 75-001, NFE 75-002

- Tool fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The « turning » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
  - The plastic grip is glued and non-removable to prevent any risk of fall or loss.
  - Square file with handle.
  - Double square on 4 cuts.
- Presentation: ergonomic handles in plastic resistant to the most aggressive workshop solvents.
- Recommended for common work on steel, cast iron, brass, and hard plastics.

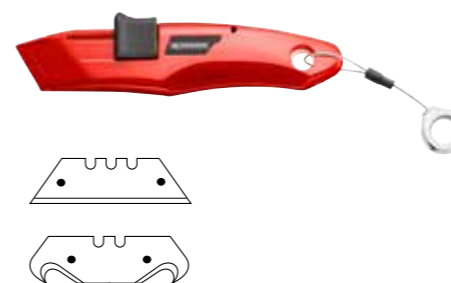
| E x E1 [mm]     | L [mm] | ΔΔ [g] |     |
|-----------------|--------|--------|-----|
| CAR.MD200EMASLS | 8 x 8  | 200    | 145 |

MODM.601SLS MODM.601SLS - Sawing marking module - SLS



- Tools fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The « turning » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
  - Compatible with the FACOM modular storage system:
    - Adapted to CHRONO XL, CHRONO+, JET XL and JET+ roller cabinets.
  - Comprising:
    - 1 x compact hacksaw frame: 601SLS.
    - 1 flat bastard file with handle 250 mm: PAM.B250EMASLS.
    - 1 half-soft half-round file with handle 250 mm: DRD.MD250EMASLS.
    - 1 half-soft square file with handle 200 mm: CAR.MD200EMASLS.
    - 1 half-soft triangular file with handle 200 mm: TRI.MD200EMASLS.
    - 1 half-soft round file with handle 200 mm: RD.MD200EMASLS.
    - 1 x scriber: 234.SSLS.
    - 1 x flexible stainless 2-sided rule 300 mm: 803.300M.SLS.
    - 1 x tape measure with ABS housing: 893.316SLS.
    - 1 complete drawer foam tray PM.MOD601SLS.
- Weight: 2.160 kg.

Safety knife with retractable blade - SLS



- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped « rotating » cable solution, selected and tested by FACOM, maintains user ergonomics.
- Safety knife.
- Blade automatically retracts after use.
- Zamak body.
- ABS cursor, front or side thumb control.
- Supplied with 3 blades (1 factory-mounted and 2 in the body).

| H mini - maxi [mm] | L [mm]      | ΔΔ [g] |     |
|--------------------|-------------|--------|-----|
| 844.DSLS           | 40,5 - 44,0 | 176    | 210 |

640180SLS Twin-blade electricians knife with plastic handle - SLS



- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped « rotating » cable solution, selected and tested by FACOM, maintains user ergonomics.
- Electricians knife with blades suitable for cable work:
  - 1 straight hollow ground general-purpose blade (length: 65 mm).
  - 1 short curved blade, specially designed for cable work (length: 35 mm).
- Safe: lock-back for each blade.
- Length closed: 104 mm.
- Total length: 131/169 mm.
- Weight: 100g.

841A.3SLS Heavy-duty scissors - SLS



- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The « turning » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
- Heavy-duty scissors
- Weight: 255 g

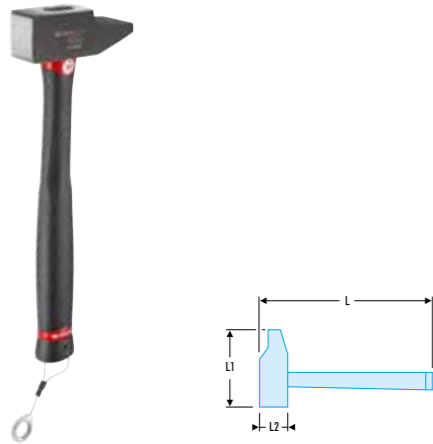
872271SLS Multifunction trigger sheath-stripper - SLS



- Tool fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
  - The « turning » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
  - Trigger system: 30% less effort.
  - Auto-swivel blade: fast and easy sheath removal.
  - Double safety:
    - Cutting blade out = trigger locked.
    - Lock back blade.
  - Capacity: round PVC cable diameter 4 to 28 mm.
  - Stripping zone.
- Weight: 155 g.

872272: set of 6 spare blades (5 self-swivel blades and 1 knife blade).

200C.SLS - Graphite handle riveting engineers hammer - SLS



NF E 71-016, NF ISO 15601, ISO 15601

- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
- Ergonomic safety handle with graphite core.

| Ref        | L [mm] | L1 [mm] | L2 [mm] | ΔΔ [kg] |
|------------|--------|---------|---------|---------|
| 200C.26SLS | 245    | 80      | 25      | 0,370   |
| 200C.30SLS | 270    | 93      | 30      | 0,495   |
| 200C.32SLS | 300    | 100     | 32      | 0,610   |
| 200C.40SLS | 330    | 108     | 40      | 1,050   |
| 200C.60SLS | 380    | 151     | 60      | 2,825   |

205C.SLS - Graphite handle DIN engineers hammer - SLS



NF ISO 15601, ISO 15601, DIN 1041

- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
- Ergonomic safety handle with graphite core.

| Ref         | L [mm] | L1 [mm] | L2 [mm] | ΔΔ [kg] |
|-------------|--------|---------|---------|---------|
| 205C.20SLS  | 280    | 96      | 19      | 0,275   |
| 205C.30SLS  | 300    | 106     | 23      | 0,405   |
| 205C.50SLS  | 320    | 122     | 27      | 0,605   |
| 205C.80SLS  | 350    | 132     | 33      | 0,985   |
| 205C.100SLS | 360    | 137     | 36      | 1,165   |

212A.SLS - Dead-blow hammers, interchangeable tips - SLS



- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
- Glass fiber handle.
- Steel body.
- Easily replaceable, special nylon tips shore hardness D74 ± 5.
- Ergonomic PVC grip.
- Presentation: black epoxy.
- Spare tip: 212.E35 to E60.

| Ref        | d [mm] | L [mm] | L1 [mm] | ΔΔ [kg] |
|------------|--------|--------|---------|---------|
| 212A.35SLS | 35     | 305    | 112     | 0,725   |
| 212A.40SLS | 40     | 310    | 117     | 0,865   |
| 212A.50SLS | 50     | 320    | 120     | 1,170   |
| 212A.60SLS | 60     | 330    | 145     | 1,690   |

207A.SLS - Adaptable-tip mallets - SLS



- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
- Aluminum body "light" series hammers.
- Mallets are available with a limited number of tip combinations only, but you can customize your mallet by selecting a body and two tips of your choice.
- Tips available:
  - EA series: neoprene.
  - EB series: polyurethane.
  - EC series: nylon.

| Ref          | d [mm] | ΔΔ [kg] |
|--------------|--------|---------|
| 207A.32CBSLS | 32     | 0,235   |
| 207A.40CBSLS | 40     | 0,375   |

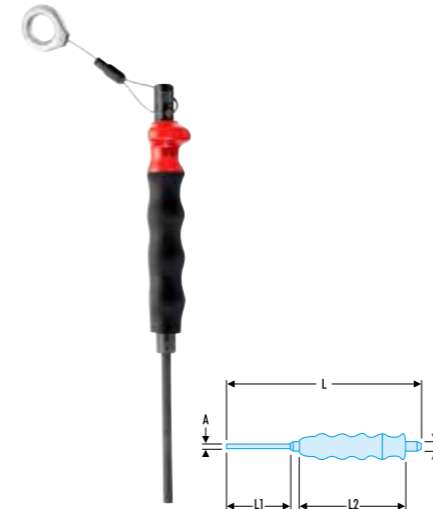
208A.SLS - Adaptable-tip mallets - SLS



- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
- Steel body "heavy" series hammers.
- Mallets are available with a limited number of tip combinations only, but you can customize your mallet by selecting a body and two tips of your choice.
- Tips available:
  - EA series: neoprene.
  - EB series: polyurethane.
  - EC series: nylon.

| Ref           | d [mm] | ΔΔ [kg] |
|---------------|--------|---------|
| 208A.32CBASLS | 32     | 0,370   |
| 208A.40CBASLS | 40     | 0,640   |

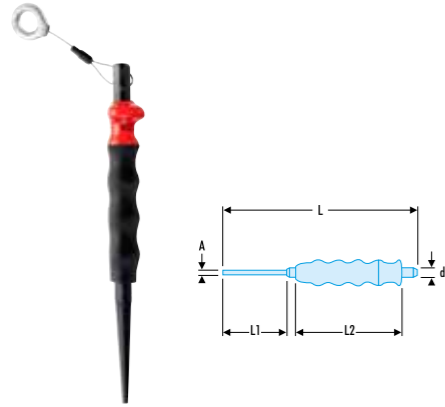
249.GSLS - Sheathed drift punch - SLS



- Tool fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The « turning » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
- Long stem.
- Head hardness 43 HRc.
- Stem hardness 58 HRc.

| Ref       | A [mm] | d [mm] | L [mm] | L1 [mm] | L2 [mm] | ΔΔ [g] |
|-----------|--------|--------|--------|---------|---------|--------|
| 249.G2SLS | 1.95   | 8      | 140    | 35      | 105     | 65     |
| 249.G3SLS | 2.95   | 8      | 150    | 45      | 105     | 65     |
| 249.G4SLS | 3.95   | 10     | 190    | 60      | 105     | 110    |
| 249.G5SLS | 4.95   | 10     | 200    | 70      | 105     | 110    |
| 249.G6SLS | 5.9    | 12     | 210    | 80      | 105     | 155    |
| 249.G8SLS | 7.9    | 12     | 216    | 86      | 105     | 170    |

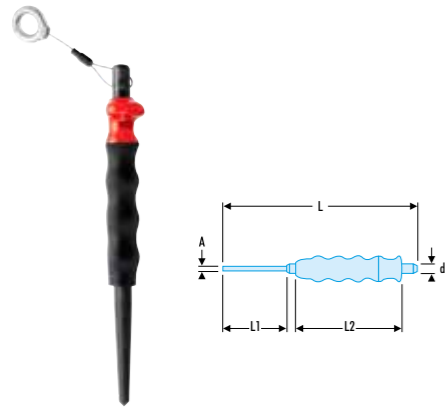
247.GSLS - Sheathed nail set - SLS



- Tool fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The « turning » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
- Head hardness 36 - 44 HRC.
- Tip hardness 52 - 60 HRC.

| Ref       | A [mm] | d [mm] | L [mm] | L1 [mm] | L2 [mm] | ΔΔ [g] |
|-----------|--------|--------|--------|---------|---------|--------|
| 247.G2SLS | 1.9    | 10     | 185    | 55      | 105     | 125    |
| 247.G3SLS | 2.9    | 10     | 185    | 55      | 105     | 125    |
| 247.G4SLS | 3.9    | 10     | 185    | 55      | 105     | 135    |
| 247.G5SLS | 4.9    | 10     | 185    | 55      | 105     | 135    |
| 247.G6SLS | 5.9    | 10     | 185    | 55      | 105     | 140    |
| 247.G8SLS | 7.8    | 12     | 185    | 55      | 105     | 170    |

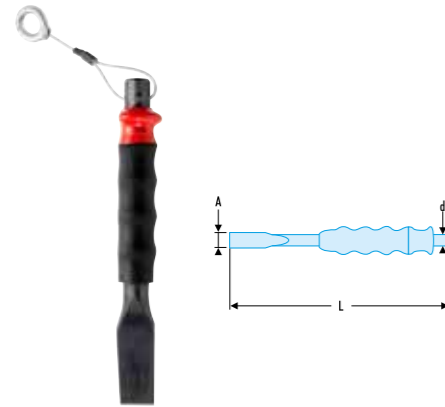
255.GSLS - Sheathed punches - SLS



- Tool fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The « turning » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
- Head hardness 36 - 44 HRC.
- Tip hardness 57 - 60 HRC.

| Ref       | A [mm] | d [mm] | L [mm] | L1 [mm] | L2 [mm] | ΔΔ [g] |
|-----------|--------|--------|--------|---------|---------|--------|
| 255.G6SLS | 6      | 10     | 185    | 55      | 105     | 125    |
| 255.G8SLS | 8      | 12     | 185    | 55      | 105     | 170    |

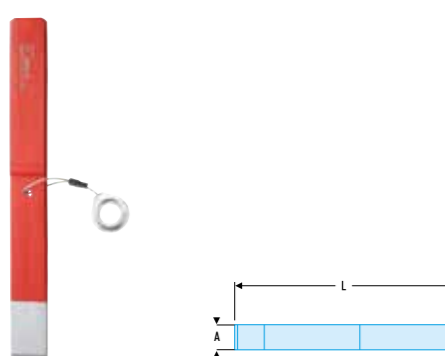
263.GSLS - Sheathed chisels - SLS



- Tool fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The « turning » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
- Engineers chisels
- Hardness:
  - Cutting edge = 57 - 60 HRC.
  - Impact head = 36 - 44 HRC.
- Cutting edge angle: 60°.

| Ref        | A [mm] | d [mm] | L [mm] | ΔΔ [g] |
|------------|--------|--------|--------|--------|
| 263.G19SLS | 15     | 12     | 190    | 180    |
| 263.G20SLS | 20     | 16     | 200    | 320    |
| 263.G22SLS | 25     | 18     | 220    | 440    |

Slim-profile chisels - SLS



- Tool equipped with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The crimped "rotating" cable solution, selected and tested by FACOM, maintains user ergonomics.
- Slim profile chisel.
- Chrome vanadium forged steel, treated 57 HRC on edge and 40 HRC on impact head.
- Blade width: 26 mm.

| Ref    | A [mm] | L [mm] | ΔΔ [kg] |
|--------|--------|--------|---------|
| 259SLS | 26     | 235    | 0,265   |

MODM.MI1SLS Impact module - SLS



- Tools fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The « turning » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
- Compatible with the FACOM modular storage system:
  - Adapted to CHRONO XL, CHRONO+, JET XL and JET+ roller cabinets.
- Comprising:
  - 1 x riveting hammer with graphite grip 40 mm: 200C.40SLS.
  - 1 x interchangeable-tip mallet 32 mm: 208A.32CBASLS.
  - 1 x sheathed punch 6 mm: 255.G6SLS.
  - 1 x sheathed chisel 15 mm: 263.G19SLS.
  - 3 x drift punches 249.GSLS: 4 - 5 - 6 mm.
  - 1/3 drawer foam tray PM.MODMI1SLS (189 x 415 mm).
- Weight: 2.160 kg.

779.PBTSL Pen lamp - SLS



- Tool fitted with a FACOM SLS attachment solution, preventing any risk of accidental falls.
- The « turning » crimped cable solution, chosen and tested by FACOM, preserves the ergonomics of use of the tool.
- 1 3W LED.
- 110 lumen.
- 2 304 lux at 0.5 m.
- Maximum lighting distance: 48 m.
- Operating time: 3.5 hours.
- Sealing rating: IP65.
- Supplied with: 2 AAA batteries.
- Weight: 160 g (batteries included).



# TABLE OF CONTENTS

▶ **1** 1,000 Volt insulated tooling



152



▶ **2** Non sparking tools



153



▶ **3** Safety Roller cabinets



154



▶ **4** Automatic pliers



156



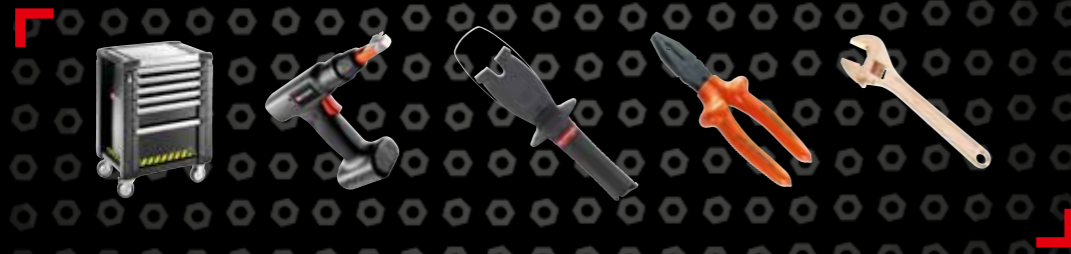
▶ **5** Safety handle and slogging wrenches



159



## OTHER PRODUCTS



## OTHER SAFETY SOLUTIONS



# FACOM VSE

A COMPREHENSIVE RANGE OF 1,000 VOLT INSULATED TOOLS

## For safe use on live components

**"SAFETY" colour coding** 

**ORANGE:** 1,000 V protection.



**YELLOW visible:** STOP and change tool.

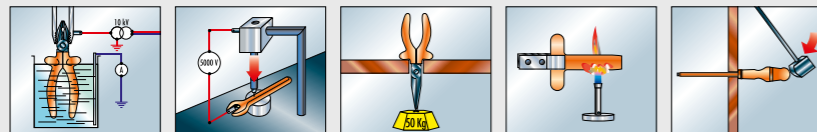



- 1 **Basic tool:** Facom performance and safety.
- 2 **Insulation:** Certified and accredited Facom production site. Tested and approved products.
- 3 **2-colour warning insulation:** ORANGE = 1,000 V protection. YELLOW VISIBLE = STOP and change tool.
- 4 **Ribbing on flexible insulation:** More secure grip.
- 5 **Generously-sized guards:** Hand stays clear of the metal.
- 6 **Hot markings:** Permanent safety data. Traceability.



### TOOLS TO EN60900 SPECIFICATIONS

• **Individual production test:** Each and every tool is tested to 10,000V for 10 seconds at the end of the manufacturing cycle.



OUR COMPLETE OFFER IS AVAILABLE IN OUR CATALOGUE or on [www.facom.com](http://www.facom.com)



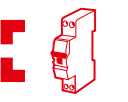
# ADF RANGE

## NEW "FACOM ADF" NON SPARKING TOOLS PROGRAMME

- The FACOM ADF tool range has been designed for use in explosive or flammable atmospheres, where "traditional" steel tools may accidentally create sparks due to friction, impact, or by falling on a hard surface.
- The entire FACOM ADF range is made from a special Copper - Beryllium alloy having better mechanical properties than the other alloys proposed for use in non sparking tools.
- FACOM has determined the composition of the Cu-Be alloy as well as its specific treatment according to the use of each tool.
- In addition to its non sparking properties, the Cu-Be alloy is also anti-magnetic and highly corrosion resistant. Having a lower density, it also significantly reduces user fatigue.
- FACOM ADF tools have been designed in accordance with the most widely used dimensional standards (ISO, DIN, BSI, NF, etc.) or adapted to perform the tool's main functions.



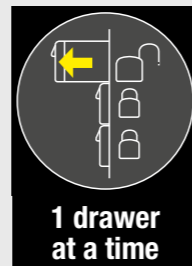
OUR COMPLETE OFFER IS AVAILABLE IN OUR CATALOGUE or on [www.facom.com](http://www.facom.com)



# JET+ SAFETY ROLLER CABINETS

## SAFETY LOCK SYSTEM

- + 3 modules per drawer
- + 12 to 27 modules distributed in 60 and 130 mm high drawers (200 and 270 mm drawers can also be fitted with modules)
- + 125 to 185 kg total acceptable load in the drawers according to drawer composition (240 kg for 11-drawer unit)
- + 150 to 155 litres effective volume according to drawer composition (230 litres for the 11-drawer unit)
- + 0.22m<sup>2</sup> effective working surface (440 X 496 mm)
- + 4 wheels diameter 125mm, 2 fixed, 2 castors, one with brake



### TECHNICAL DATA

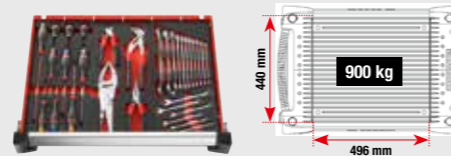
Overall dimensions (including wheels and worktop): L.774 x D.546 x H.971 mm.  
Effective drawer dimensions: L.569 x D.421 x H.60 / 130 / 200 / 270 mm.

### LOAD PER DRAWER

- drawer 60 mm high: 20 kg
- drawer 130 mm high: 25 kg
- drawer 200 mm high: 30 kg
- drawer 270 mm high: 35 kg

### EFFECTIVE VOLUME PER DRAWER

- drawer 60 mm high: 15 l
- drawer 130 mm high: 30 l
- drawer 200 mm high: 50 l
- drawer 270 mm high: 65 l



## JET.6GM3S JET+ 6-drawer roller cabinets - 3 modules per drawer - safety range



- Supplied with the SAFETY LOCK SYSTEM preventing simultaneous opening of several drawers:
  - 1 drawer at a time.
  - prevents the roller cabinet from tipping over.
- 6 drawers = 15 modules distributed in the 60 and 130 mm wall drawers:
  - 4 drawer 60 mm wall = 12 modules.
  - 1 drawer 130 mm wall = 3 modules.
  - 1 drawer 270 mm wall.
- The 200 and 270 mm drawers can also be fitted with modules.
- Supplied with 6 partitions for 60 mm drawers and 2 partitions for 130 mm drawers.
- Total load in the drawers: 140 kg.
- Wall storage capacity: 155 litres.
- Overall dimensions (including wheels and worktop): L.774 x D.546 x H.971 mm.
- Drawer useful size: L.569 x D.421 x H.60 / 130 / 210 / 270 mm.
- 4 wheels 125 mm diameter: 2 fixed, 2 castors, one with brake.



## JET.8GM3S JET+ 8-drawer roller cabinets - 3 modules per drawer - safety range



- Supplied with the SAFETY LOCK SYSTEM preventing simultaneous opening of several drawers:
  - 1 drawer at a time.
  - prevents the roller cabinet from tipping over.
- 8 drawers = 24 modules distributed in the 60 and 130 mm wall drawers:
  - 6 drawers 60 mm wall = 18 modules.
  - 2 drawers 130 mm wall = 6 modules.
- The 200 and 270 mm drawers can also be fitted with modules.
- Supplied with 10 partitions for drawers 60 mm wall.
- Total load in the drawers: 17 kg.
- Wall storage capacity: 150 litres.
- Overall dimensions (including wheels and worktop): L.774 x D.546 x H.971 mm.
- Drawer useful size: L.569 x D.421 x H.60 / 130 / 210 / 270 mm.
- 4 wheels 125 mm diameter: 2 fixed, 2 castors, one with brake.



# LONG-TERM PROTECTION FOR YOUR MUSCLES AND JOINTS!

EFFORTLESS TIGHTENING & CUTTING OF CABLE-TIES



## CL3.CTB - New cordless cable tie pliers



## CL3.CTB

## NEW CORDLESS CABLE TIE PLIERS

### TOOLS DESIGNED TO AVOID MUSCULO-SKELETAL DISORDERS (MSD)

Optimize your productivity by improving operator work ergonomics.



- A low vibration, silent and **lightweight tool** (900 gram battery included) reducing work pain compared with manual or pneumatic tools.
- **Rotating head** for left-handed or right-handed use, and "comfortable" work posture in repetitive tasks: the head turns, not the operator's wrist.
- **Fall risk prevention:** after cutting, the tie end remains inside the tool nose and is held as long as the trigger is not released, for controlled disposal by the operator.



- **The very fine head and body** makes access possible in the most confined spaces.
- **The long nose** allows easy reaching into zones not accessible to shorter manual or air pliers.
- **High productivity tool:** Tightens and cuts up to 400 ties per hour.
- **Battery capacity:** 3,200 ties (i.e. 8 hours work) with maximum tightening strength.



### More economical than standard air-operated pliers.

- Plastic ties tightened and cut in **less than one second.**
- Torque settings for optimum tie tightening.
- **Torque can be locked** to a specific position for use by a production line operator.

- **High durability blade** for neat tie cutting: Up to 30,000 ties per blade. The tool is supplied with two additional easy-to-install blades.
- **Tool auto-diagnostic:** LED on the top of the tool indicates charge and operation.
- Easy maintenance: **ultra-fast head change** (less than 30 seconds).

Automatic pliers

CL3.CTB50 Automatic pliers for 4.8 mm ties



- Ties from 2.4 mm (0.094") up to 4.8 mm (0.189").
- 8 Torque settings for optimum tie tightening.
- Lightweight tool 880 g. (Tool including battery), low vibration and noise, reducing work strain versus manual or air tools.
- Supplied in an industrial rolling chest in two foam trays, comprising:
  - Automatic pliers only CL3.CTB50.
  - 2 spare blades CL3.CTB50-SB for the head.
  - 2 Lithium-ion 11.25V / 2.95Ah batteries CL3.CTB-BA.
  - 1 Charger CL3.CTB-CH.
  - 1 operator belt with 2 pockets: One on the left and one on the right.
- Shock proof strong case with retracting handle, resists to extreme conditions, model BV.FC1.
- 2 foam trays.
- Dimensions (L. x H.): 270 x 200 mm.
- Nose width: 15 mm.
- Weight: 880 g, tool + battery.
- Weight of tool only: 700 g.
- Battery weight: 180 g.

CL3.CTB120 Automatic pliers for 7.6 mm ties



- Ties from 4.8 mm (0.189") up to 7.6 mm (0.299").
- 2 Torque settings for optimum tie tightening.
- Lightweight tool 900 g. (Tool including battery), low vibration and noise, reducing work strain versus manual or air tools.
- Supplied in an industrial rolling chest in two foam trays, comprising:
  - Automatic pliers only CL3.CTB120.
  - 2 spare blades CL3.CTB120-SB for the head.
  - 2 Lithium-ion 11.25V / 2.95Ah batteries CL3.CTB-BA.
  - 1 Charger CL3.CTB-CH.
  - 1 operator belt with 2 pockets: One on the left and one on the right.
- Shock proof strong case with retracting handle, resists to extreme conditions, model BV.FC1.
- 2 foam trays.
- Dimensions (L. x H.): 270 x 200 mm.
- Nose width: 20 mm.
- Weight: 900 g, tool + battery.
- Weight of tool only: 720 g.
- Battery weight: 180 g.

Accessories for automatic tie pliers CL3.CTB50 and CL3.CTB120



- Battery Lithium-ION 11.25V / 2.95Ah CL3.CTB-BA.
- Charger for CL3.CTB-CH battery.
- Belt CL3.CTB-B.
- Right-hand pocket CL3.CTB-HR.
- Left-hand pocket CL3.CTB-HL.
- Suspension hook CL3.CTB-SH to position the tool on a balancer.
- Maintenance kit: spare head with two blades, one head and a special head-removal tool:
  - CL3.CTB50-MK: Maintenance kit for CL3.CTB50.
  - CL3.CTB120-MK: Maintenance kit for CL3.CTB120.
- Facom "Flycase": Shock proof strong case with retracting handle, resists to extreme conditions, model BV.FC1.



Impact wrenches

Automatic pliers - Slogging wrenches

51BS SAFETY SLOGGING WRENCHES

OPTIMIZED RING

- 12-point ring allows an easy setting on the nut. FACOM has favored a "high" ring in order to improve the contact area of the nut.

EASY TO USE

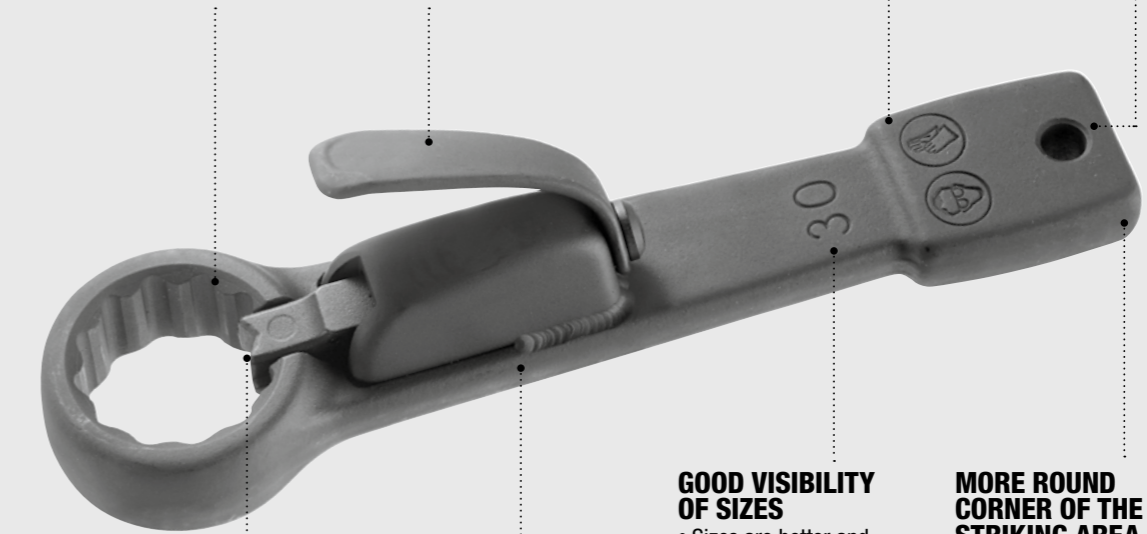
- Push on the lever to unlock the system, put the wrench on the nut, and release. The wrench is fixed on the nut. The lever is movable at 180°.

LONG AND THICK STRIKING AREA

- Striking area was increased for easier strikes. Better control when high power is applied.

SAFETY

- Hole to tether the slogging wrench.



MAXIMUM SECURITY

- The needle in pressure blocks the keys on the nut. User can hit the wrench without holding it.

LOCKING SYSTEM

- Innovative locking system keeps the nut locked thanks to a needle in pressure by a spring. This system is FACOM patented.

GOOD VISIBILITY OF SIZES

- Sizes are better and faster identifiable.

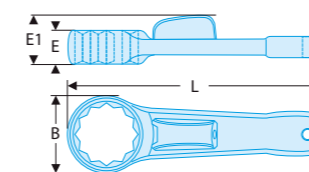
MORE ROUND CORNER OF THE STRIKING AREA

- Round area allows striking nearby that area while striking at 90° corners can cause safety issues.

Metric safety slogging wrenches



- Patented mechanism to lock the wrench on the screw.
- No need to hold the wrench when striking=no risk of injuries, maximum security.
- Innovative & Easy to use unlock trigger.
- Hook for work at height.
- Metric sizes from 24 to 80mm.
- Presentation: black phosphate.



|         | A [mm] | B [mm] | E [mm] | E1 [mm] | L [mm] | Δ [g] |
|---------|--------|--------|--------|---------|--------|-------|
| 51BS.24 | 24     | 45     | 19.5   | 32.5    | 180    | 510   |
| 51BS.27 | 27     | 45     | 19.5   | 32.5    | 180    | 493   |
| 51BS.30 | 30     | 48     | 21     | 33.8    | 195    | 607   |
| 51BS.32 | 32     | 51     | 21.5   | 34.2    | 195    | 649   |
| 51BS.36 | 36     | 59     | 25     | 37.2    | 205    | 904   |
| 51BS.41 | 41     | 62     | 26     | 37.2    | 231    | 990   |
| 51BS.46 | 46     | 71     | 28     | 39.0    | 240    | 1268  |
| 51BS.50 | 50     | 75     | 31     | 41.0    | 255    | 1493  |
| 51BS.55 | 55     | 80     | 35     | 47.5    | 270    | 1950  |
| 51BS.60 | 60     | 85     | 38     | 49.5    | 280    | 2300  |
| 51BS.65 | 65     | 93     | 41     | 48.0    | 300    | 2720  |
| 51BS.70 | 70     | 102    | 43     | 58.0    | 320    | 3490  |
| 51BS.75 | 75     | 108    | 48     | 60.0    | 330    | 3760  |
| 51BS.80 | 80     | 118    | 52     | 63.0    | 360    | 4640  |



Slogging wrench safety handle

Polygon impact wrenches

Slogging wrenches

**HOLDING HANDLE FACOM EXCLUSIVE**

**SLOGGING WRENCH SAFETY HANDLE**

Many accidents involve slogging wrenches. A survey led in large industrial sites (petrochemicals, heavy chemicals, cement plants, naval repair, metallurgy, PW and mining operations) show a high percentage of accidents.

**FACOM has designed a protection handle for slogging wrenches:**

- Fast and easy fitting for easy and stress free use.
- The FACOM handle combines maximum safety and minimum cost: adapts to all traditional slogging wrenches.

**The handle allows access with maximum safety for a minimum cost: no need to change all slogging wrenches.**

- Moves the operator's hand out of the impact zone.
- Key integral with the safety handle = no risk of wrench falling.
- Hand guard in "soft" material.
- Suited to all models:
  - Facom ring wrenches.
  - Ring wrenches by other manufacturers.
  - Open end wrenches.
- Suited to all opening dimensions from 24 mm to 75 mm.



**OTHER SAFETY ADVICE**

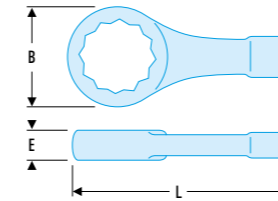
- Wear safety goggles, gloves, shoes, hard hat.

**50.SH Safety handle for slogging wrenches**



- Safety:
    - The user's hand is outside the impact zone.
    - Hand safety guard in "soft" material.
    - Safety instruction pictograms.
  - Simple and fast execution:
    - Less than 10s to position the wrench on the safety handle.
    - Locking mechanism.
    - Adapts to all sizes from 24 mm to 75 mm.
    - Adapts to all for slogging wrench models.
- Supplied with an additional strap.

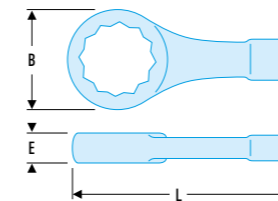
**51B - Metric polygon slogging wrenches**



- Polygon impact wrenches: use with a sledgehammer or pneumatic hammer for heavy mechanical (un)blocking.
- Wrenches forged in resilient steel to withstand impact.
- Metric dimensions: 24 to 115 mm.
- Burnished finish.

| 51B     | A [mm] | B [mm] | E [mm] | L [mm] | ΔΔ [g] |
|---------|--------|--------|--------|--------|--------|
| 51B.24  | 24     | 42     | 19     | 165    | 267    |
| 51B.27  | 27     | 45     | 19.5   | 180    | 360    |
| 51B.30  | 30     | 48     | 21     | 195    | 490    |
| 51B.32  | 32     | 51     | 21.5   | 195    | 547    |
| 51B.34  | 34     | 51     | 21.5   | 195    | 547    |
| 51B.36  | 36     | 56     | 24     | 205    | 787    |
| 51B.38  | 38     | 56     | 24     | 205    | 787    |
| 51B.40  | 40     | 62     | 26     | 230    | 1004   |
| 51B.41  | 41     | 62     | 26     | 230    | 1004   |
| 51B.42  | 42     | 62     | 26     | 230    | 1004   |
| 51B.44  | 44     | 71     | 28     | 240    | 1254   |
| 51B.45  | 45     | 71     | 28     | 240    | 1254   |
| 51B.46  | 46     | 71     | 28     | 240    | 1254   |
| 51B.50  | 50     | 75     | 31     | 255    | 1547   |
| 51B.55  | 55     | 80     | 35     | 270    | 2030   |
| 51B.56  | 56     | 80     | 35     | 270    | 2030   |
| 51B.58  | 58     | 80     | 35     | 270    | 2030   |
| 51B.60  | 60     | 85     | 38     | 280    | 2337   |
| 51B.65  | 65     | 93     | 41     | 300    | 2980   |
| 51B.70  | 70     | 102    | 43     | 320    | 3630   |
| 51B.75  | 75     | 108    | 48     | 330    | 4010   |
| 51B.80  | 80     | 118    | 52     | 360    | 5200   |
| 51B.85  | 85     | 118    | 52     | 360    | 5200   |
| 51B.95  | 95     | 134    | 55     | 400    | 6840   |
| 51B.100 | 100    | 134    | 55     | 400    | 6840   |
| 51B.105 | 105    | 170    | 58     | 435    | 11200  |
| 51B.110 | 110    | 170    | 58     | 435    | 11200  |
| 51B.115 | 115    | 170    | 58     | 435    | 11200  |

**51B - Inch polygon slogging wrenches**



- Polygon impact wrenches: use with a sledgehammer or pneumatic hammer for heavy mechanical (un)blocking.
- Wrenches forged in resilient steel to withstand impact.
- Inch dimensions: 1" to 4"1/8.
- Burnished finish.

| 51B         | A ["]    | B [mm] | E [mm] | L [mm] | ΔΔ [g] |
|-------------|----------|--------|--------|--------|--------|
| 51B.1P      | 1"       | 42     | 19     | 165    | 267    |
| 51B.1P1/2   | 1 1/2"   | 56     | 24     | 205    | 787    |
| 51B.1P1/4   | 1 1/4"   | 51     | 21.5   | 195    | 547    |
| 51B.1P1/8   | 1 1/8"   | 48     | 21     | 195    | 490    |
| 51B.1P11/16 | 1 11/16" | 71     | 28     | 240    | 1254   |
| 51B.1P13/16 | 1 13/16" | 71     | 28     | 240    | 1254   |
| 51B.1P15/16 | 1 15/16" | 75     | 31     | 255    | 1547   |
| 51B.1P3/4   | 1 3/4"   | 71     | 28     | 240    | 1254   |
| 51B.1P3/8   | 1 3/8"   | 56     | 24     | 205    | 787    |
| 51B.1P5/16  | 1 5/16"  | 51     | 21.5   | 195    | 547    |
| 51B.1P5/8   | 1 5/8"   | 62     | 26     | 230    | 1004   |
| 51B.1P7/16  | 1 7/16"  | 56     | 24     | 205    | 787    |
| 51B.1P7/8   | 1 7/8"   | 75     | 31     | 255    | 1547   |
| 51B.2P      | 2"       | 75     | 31     | 255    | 1547   |
| 51B.2P1/2   | 2 1/2"   | 93     | 41     | 300    | 2980   |
| 51B.2P1/4   | 2 1/4"   | 80     | 35     | 270    | 2030   |
| 51B.2P1/8   | 2 1/8"   | 80     | 35     | 270    | 2030   |
| 51B.2P15/16 | 2 15/16" | 108    | 48     | 330    | 4010   |
| 51B.2P3/16  | 2 3/16"  | 80     | 35     | 270    | 2030   |
| 51B.2P3/4   | 2 3/4"   | 102    | 43     | 320    | 3630   |
| 51B.2P3/8   | 2 3/8"   | 85     | 38     | 280    | 2337   |
| 51B.2P5/16  | 2 5/16"  | 85     | 38     | 280    | 2337   |
| 51B.2P5/8   | 2 5/8"   | 102    | 43     | 320    | 3630   |
| 51B.3P      | 3"       | 108    | 48     | 330    | 4010   |
| 51B.3P1/2   | 3 1/2"   | 134    | 55     | 400    | 6840   |
| 51B.3P1/8   | 3 1/8"   | 118    | 52     | 360    | 5200   |
| 51B.3P3/4   | 3 3/4"   | 134    | 55     | 400    | 6840   |
| 51B.3P3/8   | 3 3/8"   | 118    | 52     | 360    | 5200   |
| 51B.3P7/8   | 3 7/8"   | 134    | 55     | 400    | 6840   |
| 51B.4P1/4   | 4 1/4"   | 170    | 58     | 435    | 11200  |
| 51B.4P1/8   | 4 1/8"   | 170    | 58     | 435    | 11200  |

Alphanumeric index

**A**

A2.5X75VEF .....81  
A2.5X75VERFID .....42  
A2K75VERFID .....42  
A3.5X100VEF .....81  
A3.5X100VERFID .....42  
A3K75VERFID .....42  
A4X100VEF .....81  
A4X100VERFID .....42  
A5.5X125VEF .....81  
A5.5X125VERFID .....42  
A6.5X150VERFID .....42  
A8X150VERFID .....42  
AD1X100VEF .....82  
AD1X100VERFID .....43  
AD2X125VEF .....82  
AD2X125VERFID .....43  
ADB1X100VEF .....80  
ADB2X125VEF .....80  
AM.M2F .....90  
AN2.5X75F .....78  
AN2.5X75FRFID .....40  
AN2.5X75SLS .....133  
AN2X75F .....78  
AN2X75FRFID .....40  
AN2X75SLS .....133  
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AND2X35F .....79  
AND2X35FRFID .....41  
AND3X150F .....79  
AND3X150FRFID .....41  
AND3X150SLS .....134  
ANF10X200SLS .....133  
ANF8X150SLS .....133  
ANP.J6F .....80  
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ANP0X75FRFID .....40  
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ANP1X100FRFID .....40  
ANP1X100SLS .....134  
ANP1X250F .....78  
ANP1X250FRFID .....40  
ANP1X35F .....78  
ANP1X35FRFID .....40  
ANP2X125F .....78  
ANP2X125FRFID .....40  
ANP2X125SLS .....134  
ANP2X250F .....78

ANP2X250FRFID .....40  
ANP2X35F .....78  
ANP2X35FRFID .....40  
ANP2X400F .....78  
ANP2X400FRFID .....40  
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ANP3X150FRFID .....40  
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ANP4X200F .....78  
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AW8X150F .....79  
AW8X150FRFID .....40  
AWP2X125F .....79  
AWSH2.5X75F .....82  
AWSH2.5X75FRFID .....42  
AWSH2X75F .....82  
AWSH2X75FRFID .....42  
AWSH3X75F .....82  
AWSH3X75FRFID .....42  
AWSH4X75F .....82  
AWSH4X75FRFID .....42  
AWSH5X100F .....82  
AWSH5X100FRFID .....42  
AWSH6X100F .....82  
AWSH6X100FRFID .....42  
AWSH8X100F .....82  
AWSH8X100FRFID .....42

**B**

BAG-BOLTSLS .....120  
BAG-CLIMBSLS .....121  
BAG-RECT2SLS .....119  
BVE1063F .....84  
BVFC1.FLUO-1 .....63  
BVFC1.FLUO-2 .....64

**C**

CAR.MD200EMASLS .....144  
CL3.CTB120 .....158  
CL3.CTB50 .....158  
CT-ACC .....120  
CT-ACC2M .....120  
CT100-140 .....118  
CT70-100 .....118

**D**

DB1.RFID .....13  
DELA.1051.03RFID .....56  
DELA.1051.200F .....101  
DRD.MD250EMASLS .....143

**E**

E.1063F .....85  
ED.101TF .....85  
ED.102TF .....85  
ED.103TF .....85  
ED.104TF .....85  
ED.601TF .....85  
ED.602TF .....85  
ED.603TF .....85  
EF6RF .....89

EF.6RLF .....89  
EF.JF .....89  
EF.RF .....89  
EH.101.5TF .....85  
EH.101.8TF .....86  
EH.102.5TF .....85  
EH.102TF .....85  
EH.103TF .....85  
EH.104TF .....85  
EH.105/32TF .....86  
EH.105TF .....85  
EH.107/32TF .....86  
EH.107/64TF .....86  
EH.109/64TF .....86  
EH.12LARFID .....86  
EH.5/64TF .....86  
EH.601/8TF .....86  
EH.603/16TF .....86  
EH.603TF .....86  
EH.605/32TF .....86  
EH.605TF .....86  
EH.607/32TF .....86  
EP.101TF .....86  
EP.102TF .....86  
EP.103TF .....86  
EP.801TF .....87  
EP.602TF .....87  
EP.603TF .....87  
ES.134.5TF .....87  
ES.135.5TF .....87  
ES.634.5TF .....87  
ETOR.100TF .....87  
ETOR.101TF .....87  
ETORM.102TF .....88  
ETORM.103TF .....88  
ETORM.104TF .....88  
ETORM.105TF .....88  
ETORM.106TF .....88  
ETORM.602TF .....88  
ETORM.603TF .....88  
ETORM.604TF .....88  
ETORM.605TF .....88  
ETORM.606TF .....88  
ETRI.101TF .....88  
ETRI.102TF .....88  
ETRI.103TF .....88  
ETRI.104TF .....88  
ETRI.105TF .....88  
EX.108TF .....88  
EX.109TF .....88  
EX.110TF .....88  
EX.115TF .....88  
EX.120TF .....88  
EX.125TF .....88  
EX.127TF .....88  
EX.130TF .....88  
EX.608TF .....89  
EX.609TF .....89  
EX.610TF .....89  
EX.615TF .....89  
EX.620TF .....89  
EX.625TF .....89  
EX.627TF .....89  
EX.630TF .....89

**J**

J.1/2FLUO .....76  
J.1/2FRFID .....33  
J.1/2LAF .....77  
J.1/2LARFID .....32  
J.1/2RFID .....31  
J.1/4FLUO .....76  
J.1/4LAF .....77  
J.1/4LARFID .....32  
J.1/4RFID .....31  
J.10HARFID .....31  
J.10HRFID .....30  
J.10LARFID .....32  
J.10RFD .....30  
J.11/16FLUO .....76  
J.11/16FRFID .....31  
J.11/16LAF .....76  
J.11/16LARFID .....32  
J.11/16LAF .....77  
J.11/16RFID .....31  
J.12LARFID .....31  
J.12HRFID .....30  
J.12LARFID .....32  
J.12RFID .....30  
J.13/16FLUO .....76  
J.13/16LAF .....77  
J.13/16LARFID .....31  
J.13/16RFID .....31  
J.13LARFID .....31  
J.13HRFID .....30  
J.13LARFID .....32  
J.13RFID .....30  
J.14LARFID .....31  
J.14HRFID .....30  
J.14LARFID .....32  
J.14RFID .....30  
J.15/16LARFID .....32  
J.15/16RFID .....31  
J.15LARFID .....31  
J.15HRFID .....30  
J.15LARFID .....32  
J.15RFID .....32  
J.16LARFID .....31  
J.16HRFID .....30  
J.16LARFID .....32  
J.16RFID .....30  
J.17LARFID .....32  
J.17RFID .....30  
J.18LARFID .....31  
J.18HRFID .....30  
J.18LARFID .....32  
J.18RFID .....30  
J.19LARFID .....32  
J.19RFID .....30  
J.19LARFID .....32  
J.19RFID .....30  
J.19LARFID .....32  
J.19RFID .....30  
J.19RFID .....30  
J.208RFID .....28  
J.209RFID .....28  
J.210RCRFID .....28  
J.215RCRFID .....28  
J.217RCRFID .....28  
J.21HARFID .....31  
J.21HRFID .....30  
J.21LARFID .....32  
J.21RFID .....30  
J.22HARFID .....31  
J.22HRFID .....30  
J.22LARFID .....32  
J.22RFID .....30  
J.230RFID .....29  
J.232RFID .....29  
J.240ARFID .....29  
J.24HARFID .....31  
J.24HRFID .....30  
J.24LARFID .....32  
J.24RFID .....30  
J.3/4FLUO .....76  
J.3/4FRFID .....33  
J.3/4LAF .....77  
J.3/4LARFID .....32  
J.3/4RFID .....31  
J.3/8FLUO .....76  
J.3/8FRFID .....33  
J.3/8LAF .....77  
J.3/8LARFID .....32  
J.3/8RFID .....31  
J.306-50DRFID .....38  
J.306-50SLS .....133  
J.306URFID .....39  
J.5/16FLUO .....76  
J.5/16LAF .....77  
J.5/16LARFID .....32  
J.5/16RFID .....31  
J.5/8FLUO .....76  
J.5/8FRFID .....33  
J.5/8LAF .....77

**L**

LAN-WRT1.2 .....117  
LAN0.2 .....117  
LAN0.2SLS .....115  
LAN1.2 .....117  
LAN1.2MSLS .....117

**M**

MODM.440J17SLS .....126  
MODM.440J5SLS .....126  
MODM.44J9SLS .....129  
MODM.467J12SLS .....128  
MODM.467J4SLS .....128  
MODM.601SLS .....144  
MODM.84TZJ6SLS .....135  
MODM.AN1SLS .....134  
MODM.CPE1SLS .....141  
MODM.CPE2SLS .....141  
MODM.L1SLS .....132  
MODM.M11SLS .....149  
MODM.RL1SLS .....131  
MODM.SL1SLS .....132  
MOUS06X60SLS .....120  
MOUS08X80SLS .....121

**N**

N.12-NPT-RFID .....39  
N.12-PT-RFID .....39  
N.14-NPT-RFID .....39  
N.14-PT-RFID .....39  
N.18-NPT-RFID .....39  
N.38-NPT-RFID .....39  
N.38-PT-RFID .....39

**P**

PAM.B250EMASLS .....142  
PAM.MD250EMASLS .....143

**R**

R.1/2EF .....74  
R.1/2ELF .....75  
R.1/2ELRFID .....27  
R.1/2FLUO .....74  
R.1/2FRFID .....27  
R.1/2RFID .....24  
R.4ELRFID .....26  
R.4FLUO .....73  
R.4LARFID .....26  
R.4RFID .....24  
R.5.5ELF .....74  
R.5.5ELRFID .....26  
R.5.5ERFID .....25  
R.5.5FLUO .....73  
R.5.5LARFID .....26  
R.5.5RFID .....24  
R.5/16EF .....74  
R.5/16ELF .....75  
R.5/16FLUO .....74  
R.5/16FRFID .....27  
R.5/16RFID .....24  
R.5FLUO .....73  
R.5LARFID .....26  
R.5RFID .....24  
R.6ELF .....74  
R.6ELRFID .....26  
R.6ERFID .....25  
R.6FLUO .....73  
R.6LARFID .....26  
R.6RFID .....24  
R.7/16EF .....74  
R.7/16ELF .....75  
R.7/16ERFID .....27  
R.7/16FLUO .....74  
R.7/16FRFID .....27  
R.7/16RFID .....24  
R.7/32EF .....74  
R.7/32ELF .....75  
R.7/32ELRFID .....27  
R.7/32FLUO .....74  
R.7/32FRFID .....27  
R.7/32RFID .....24  
R.7ELF .....74  
R.7ELRFID .....26  
R.7ERFID .....25  
R.7FLUO .....73  
R.7LARFID .....26  
R.7RFID .....24  
R.8ELF .....74  
R.8ELRFID .....26  
R.8ERFID .....25  
R.8FLUO .....73  
R.8LARFID .....26  
R.8RFID .....24  
R.9/16EF .....74  
R.9/16ELF .....75  
R.9/16ERFID .....27  
R.9/16FLUO .....74  
R.9/16FRFID .....27  
R.9/16RFID .....24  
R.9/32EF .....74  
R.9/32ELF .....75  
R.9/32ELRFID .....27  
R.9/32FLUO .....74  
R.9/32FRFID .....27  
R.9/32RFID .....24  
R.9ELF .....74  
R.9ELRFID .....26  
R.9ERFID .....25  
R.9FLUO .....73  
R.9LARFID .....26  
R.9RFID .....24  
RB.1/2RFID .....25  
RB.1/4RFID .....25  
RB.11/32RFID .....25  
RB.3/16RFID .....25  
RB.3/8RFID .....25  
RB.5/16RFID .....25  
RB.7/16RFID .....25  
RB.7/32RFID .....25  
RB.9/16RFID .....25  
RB.9/32RFID .....25  
RD.MD200EMASLS .....143  
REL.40UF .....75  
RL.161HLF .....70  
RL.171F .....71  
RL.171RFID .....22  
RL.171SLS .....131

Alphanumeric index

**S**

S.1/2LARFID .....37  
S.1/2RFID .....36  
S.10HRFID .....35  
S.10RFID .....35  
S.11/16LARFID .....37  
S.11/16RFID .....36  
S.11HRFID .....35  
S.11RFID .....35  
S.12HARFID .....36  
S.12HRFID .....35  
S.12LARFID .....37  
S.12RFID .....35  
S.13/16LARFID .....37  
S.13/16RFID .....36  
S.13LARFID .....36  
S.13HRFID .....35  
S.13LARFID .....36  
S.13RFID .....35  
S.14LARFID .....36  
S.14HRFID .....35  
S.14LARFID .....37  
S.14RFID .....35  
S.15/16LARFID .....37  
S.15/16RFID .....36  
S.15HARFID .....36  
S.15HRFID .....35  
S.15LARFID .....37  
S.15RFID .....35  
S.16HARFID .....36  
S.16HRFID .....35  
S.16LARFID .....37  
S.16RFID .....35  
S.17HARFID .....36  
S.17HRFID .....35  
S.17LARFID .....37  
S.17RFID .....35  
S.18HARFID .....36  
S.18RFID .....35  
S.19/32RFID .....36  
S.19HARFID .....36  
S.19HRFID .....35  
S.19LARFID .....37  
S.19RFID .....35  
S.1P1/16LARFID .....37  
S.1P1/16RFID .....36  
S.1P1/4LARFID .....37  
S.1P1/4RFID .....36  
S.1P1/8LARFID .....37  
S.1P1/8RFID .....36  
S.1P3/16RFID .....36  
S.1PLARFID .....37  
S.1PRFID .....36  
S.206RFID .....34  
S.208RFID .....34  
S.21/32RFID .....36  
S.210RCRFID .....34  
S.215RCRFID .....34  
S.217RCRFID .....34  
S.21HARFID .....36  
S.21HRFID .....35  
S.21LARFID .....37  
S.21RFID .....35  
S.22HARFID .....36  
S.22HRFID .....35  
S.22LARFID .....37  
S.22RFID .....35  
S.230RFID .....34  
S.240ARFID .....34  
S.24HARFID .....36  
S.24HRFID .....35  
S.24LARFID .....37  
S.24RFID .....35  
S.25/32RFID .....36  
S.27HARFID .....36  
S.27HRFID .....35  
S.27LARFID .....37  
S.27RFID .....35  
S.3/4LARFID .....37  
S.3/4RFID .....36  
S.3/8RFID .....36  
S.305PRFID .....39

**T**

TR1.MD200EMASLS .....144

**W**

WRT-DSLS .....115  
WRT-SHSLS .....114

S.306-100DRFID .....38  
S.306-100SLS .....133  
S.306-200DRFID .....38  
S.306-200SLS .....133  
S.306-350DRFID .....38  
S.306-350SLS .....133  
S.30HARFID .....36  
S.30HRFID .....35  
S.30LARFID .....37  
S.30RFID .....35  
S.31/32RFID .....36  
S.32HARFID .....36  
S.32HRFID .....35  
S.32LARFID .....37  
S.32RFID .....35  
S.34HRFID .....35  
S.34RFID .....35  
S.5/8LARFID .....37  
S.5/8RFID .....36  
S.7/16RFID .....36  
S.7/8LARFID .....37  
S.7/8RFID .....36  
S.9/16ARFID .....37  
S.9/16RFID .....36  
SH-BAG1SLS .....115  
SH-SLS .....114  
SH-SUPSLS .....115  
SL.161HLF .....77  
SL.171RFID .....33  
SL.171SLS .....132  
SLS.G13 .....122  
SLS.G19 .....122  
SLS.G32 .....122  
SLS.G45 .....122  
SLS.G64 .....122  
SLS.G89 .....122  
SLS.GKIT1 .....123  
SLS.GKIT1-GUN .....123





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