



"FOD" FLUORESCENT TOOLS

1021



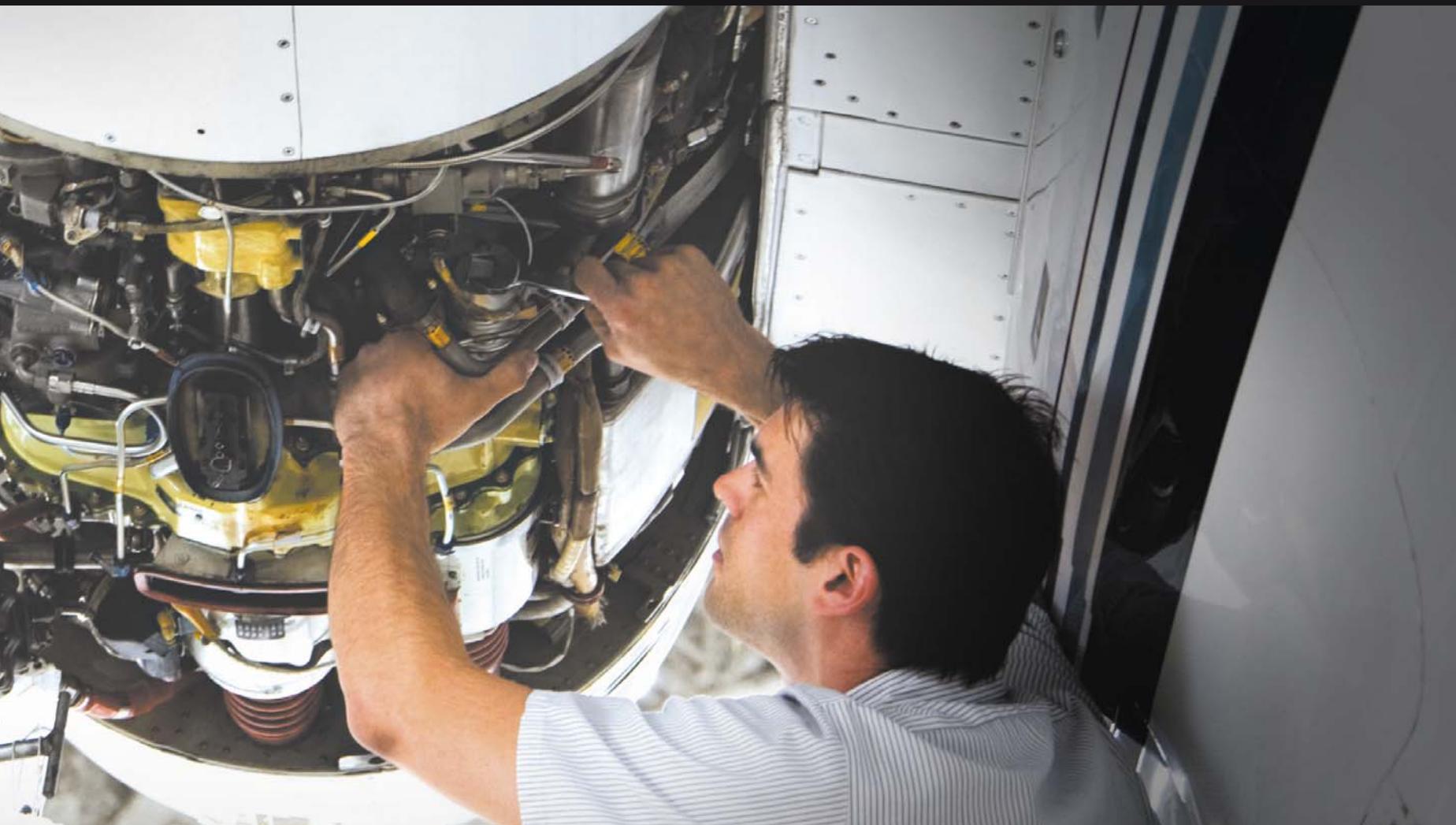
- PROTWIST® FLUO screwdrivers **1022**
 PROTWIST® FLUO handle keys **1023**
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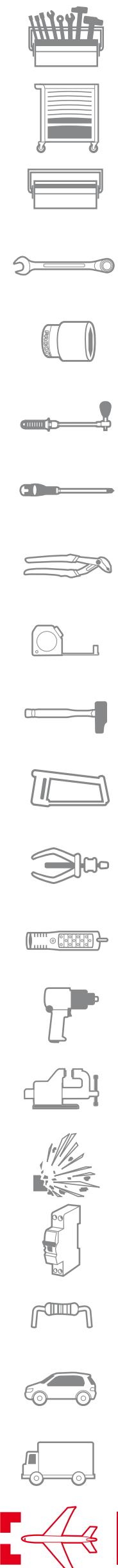


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1038



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FACOM AEROSPACE



AEROSPACE SOLUTIONS SINCE 1918

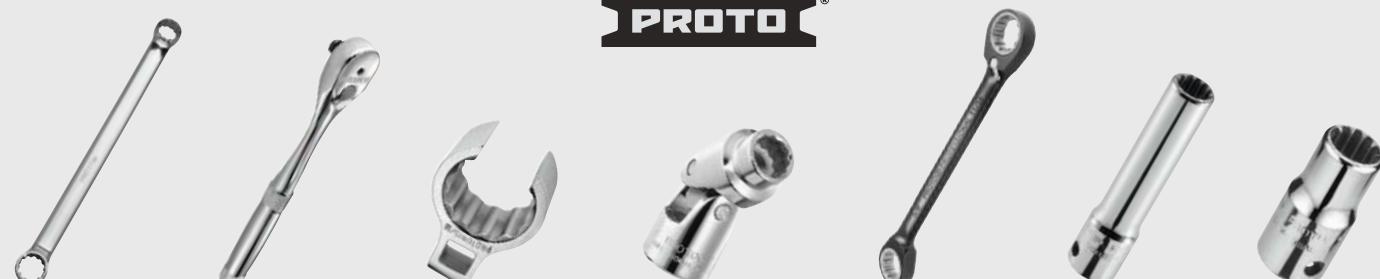


 **FACOM**®

FACOM now at the heart of the Industrial & Automotive Repair division of the **Stanley Black & Decker group**, is an organisation which provides coherent, integral and competitive solutions with the same level of quality and service throughout the world.

- The Facom Aerospace catalogue is supplemented with products by PROTO, one of the US leaders in aerospace maintenance to complete the US dimension hand tool offer.
- Storage solutions and power tools by other group brands also extend the range of solutions available.
- FACOM also works in partnership with its customers from the aeronautical sector to develop the FOD solutions of the future, including innovative tool detection systems.

 **PROTO**®



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- Cofrac calibration certificates.
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SAFETY FIRST | NEW RANGE OF FLUORESCENT TOOLS

**YOUR FOD SFLB solution for
“BLACK OR DIMLY LIT AREAS”**

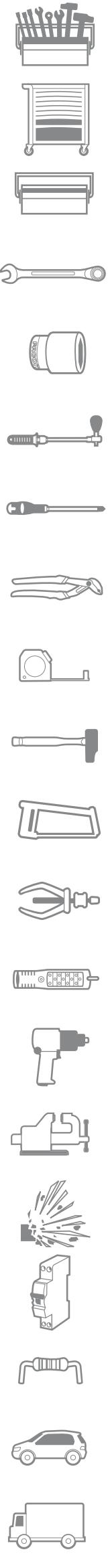
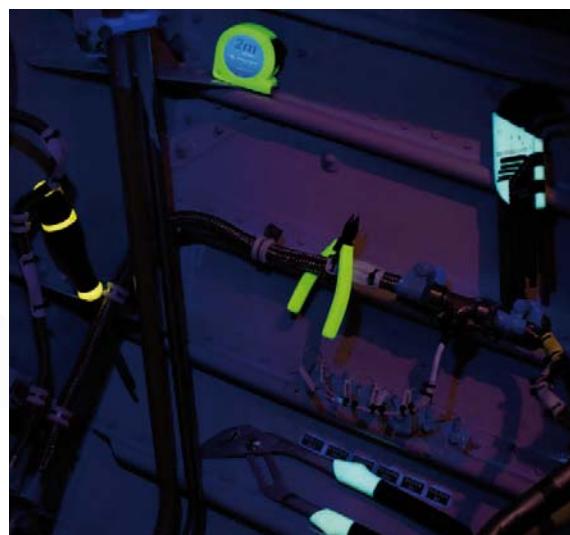
SAFETY FIRST

- No tools lost or forgotten.
- Tool visibility.

COST REDUCTION

- Less tools replaced due to loss.

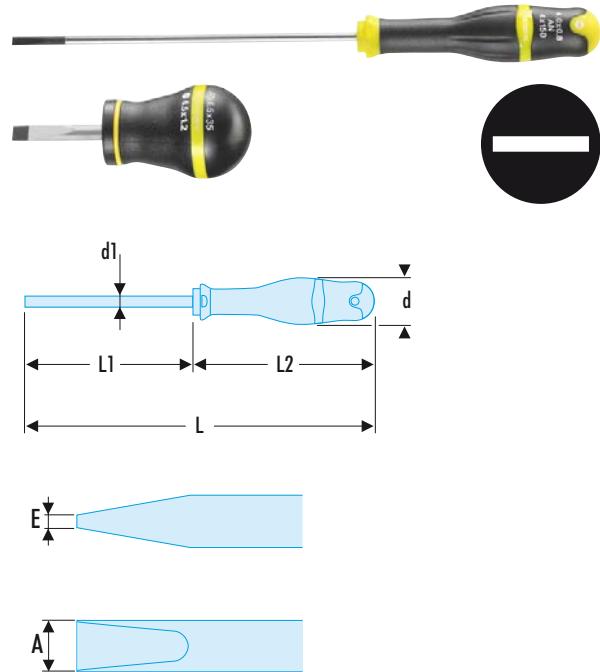
Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.



"FOD" fluorescent tooling

PROTWIST® FLUO screwdriver

□ AN.F - PROTWIST® fluorescent screwdrivers for slotted head screws - milled blade

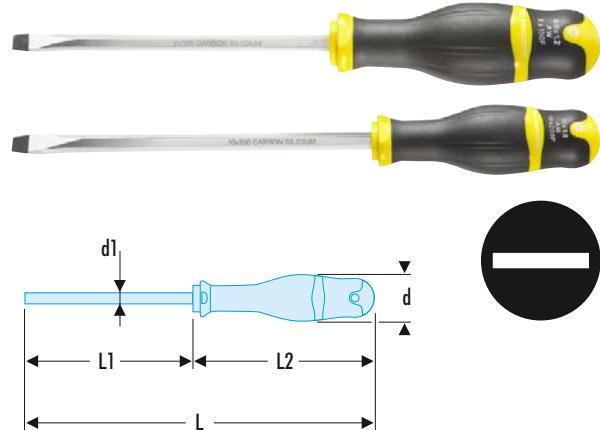


NF ISO 2380-1, NF ISO 2380-2, ISO 2380-1, ISO 2380-2, DIN ISO 2380-1, DIN ISO 2380-2,
ASME B107.600

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.

| | A [mm] | E [mm] | d [mm] | d1 x L1 [mm] | L [mm] | L2 [mm] | $\Delta\Delta$ [g] |
|-------------------|--------|--------|--------|--------------|--------|---------|--------------------|
| AN2,5X75F | 2,5 | 0,4 | 19 | 2,5 x 75 | 169 | 94 | 21 |
| 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 |
| AN5,5X150F | 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 |

□ AW.F - PROTWIST® fluorescent screwdrivers for slotted head screws - hexagonal blade

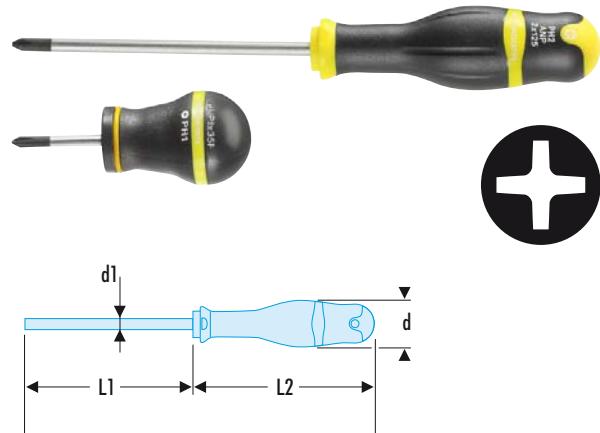


NF ISO 2380-1, NF ISO 2380-2, ISO 2380-1, ISO 2380-2, DIN ISO 2380-1, DIN ISO 2380-2,
ASME B107.600

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.

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

□ ANP.F - PROTWIST® fluorescent screwdrivers for Phillips® screws - milled blade

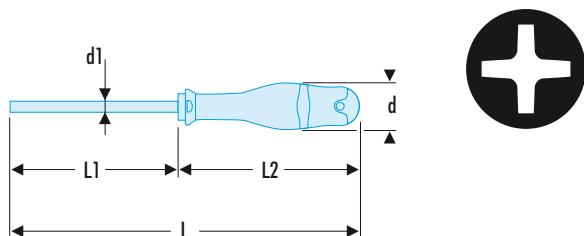


NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2,
ASME B107.600

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.

| | Phillips [No] | d [mm] | d1 x L1 [mm] | L [mm] | L2 [mm] | $\Delta\Delta$ [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 |
| ANP2X35F | PH2 | 36 | 6,0 x 35 | 91 | 56 | 44 |
| ANP2X125F | PH2 | 36 | 6,0 x 125 | 245 | 120 | 126 |
| ANP3X150F | PH3 | 40 | 8,0 x 150 | 275 | 125 | 194 |
| ANP4X200F | PH4 | 30 | 4,0 x 200 | 309 | 109 | 57 |

□ AWP.F - PROTWIST® fluorescent screwdrivers for Phillips® screws - hexagonal blade



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.
- Hexagonal blade: optimum endurance and performance.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.

| | Phillips [No] | d [mm] | d1 x L1 [mm] | L [mm] | L2 [mm] | ΔΔ [g] |
|------------------|---------------|--------|--------------|--------|---------|--------|
| AWP2X125F | 2 | 36 | 6 x 125 | 245 | 120 | 130 |

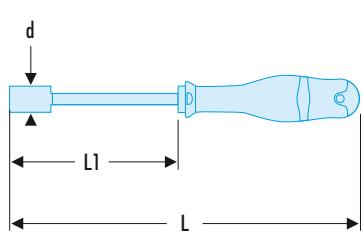
□ R.236AF PROTWIST® fluorescent handle screwdriver 1/4" - 158 mm



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.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: chromed.

□ PROTWIST® fluorescent bit holder screwdriver

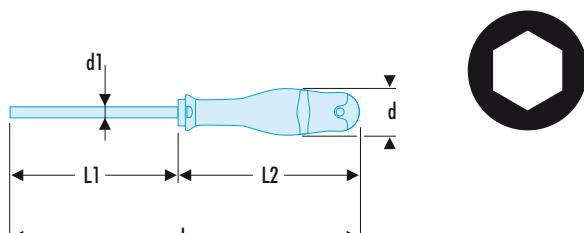


- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- Long magnetic bit holders.
- Bi-material grip resists to impacts, abrasion, and chemicals.

| | d [mm] | L [mm] | L [mm] | ΔΔ [g] |
|---------------|--------|--------|--------|--------|
| AM.M2F | 10 | 245 | 245 | 150 |

PROTWIST® FLUO keys

□ AWSH.F - PROTWIST® fluorescent handle hexagonal key - spherical head



- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- Bi-material grip resists to impacts, abrasion, and chemicals.

| | A [mm] | d [mm] | d1 [mm] | L [mm] | L2 [mm] | ΔΔ [g] |
|-------------------|--------|--------|---------|--------|---------|--------|
| AWSH3X75F | 3 | 19 | 3 | 169 | 94 | 35 |
| AWSH4X75F | 4 | 25 | 4 | 178 | 103 | 45 |
| AWSH5X100F | 5 | 30 | 5 | 208 | 109 | 80 |

PROTWIST® FLUO key sleeve set

□ 83SH.JP8UF 8-piece FLUO hexagonal key sleeve set



- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- Keys are packaged in a compact wallet for easy selection of the dimension required.
- Inch 8 key sets 83SH:
 - 3/32" - 1/8" - 5/32" - 3/16" - 7/32" - 1/4" - 5/16" - 3/8".
- Weight: 365 g.



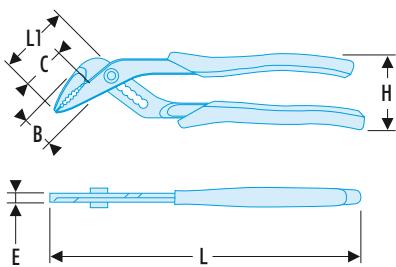
□ 83SH.JP9F 9-piece FLUO hexagonal key sleeve set



- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- Keys are packaged in a compact wallet for easy selection of the dimension required.
- Metric 9 keys sets 83SH:
 - 1.5 - 2.0 - 2.5 - 3.0 - 4.0 - 5.0 - 6.0 - 8.0 - 10 mm.
- Weight: 380 g.

FLUO pliers

□ Slip-joint multigrip pliers with fluorescent grips

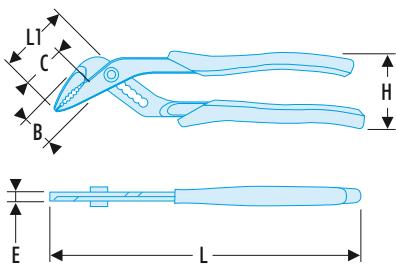


NF ISO 8976, ISO 8976, DIN ISO 8976, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- 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.

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

□ Slip-joint locking multigrip pliers with fluorescent grips

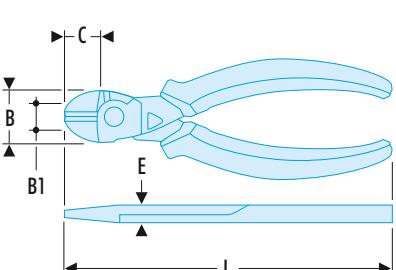


NF ISO 8976, ISO 8976, DIN ISO 8976, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- Fast, precise push-button adjustment with safety lock.
- Self-tightening.
- Double heat-treated noses; hardness 60/62 HRc.
- Finish: chromed.

| | A [mm] | C [mm] | E [mm] | Capacity Nuts [mm] |
|------------|--------|--------|--------|--------------------|
| 181.25CPEF | 33,8 | 55 | 28 | 41 |

□ 192.CPEF - Diagonal cutters with fluorescent grips

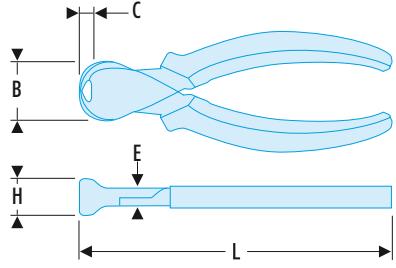


NF ISO 5749, ISO 5749, DIN ISO 5749, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- Cutting edges designed to cleanly cut through all types of wire: piano wire, soft wires and modern materials (max. 200 kg/mm²).
- 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] |
|------------|--------|--------|-------------|--------|--------|--------|
| 192.14CPEF | 21,5 | 15,5 | 1,5 | 9,5 | 145 | 160 |
| 192.20CPEF | 28,0 | 22,0 | 2,5 | 11,5 | 200 | 320 |

□ Front cutters with fluorescent grips

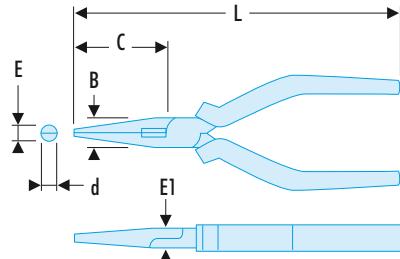


NF ISO 5748, ISO 5748, DIN ISO 5748, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- Cutting edges designed to cleanly cut through all types of wire: piano wire, hard and soft wires (max. 200 kg/mm²).
- 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.

| | A [mm] | B [mm] | C [mm] | E [mm] | L [mm] | ΔΔ [g] |
|------------|--------|--------|--------|--------|--------|--------|
| 190.20CPEF | 7,5 | 31 | 7,5 | 13,5 | 200 | 340 |

□ Long-reach half-round nose pliers with fluorescent grips

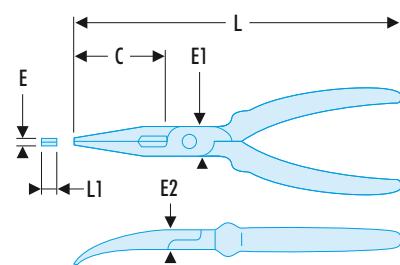


NF ISO 5745, ISO 5745, DIN ISO 5745, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- Narrow, finely serrated tips with a pipe-grip.
- Side cutter for copper and hard steel wire (max. 160 kg/mm²).
- Ergonomic grips resistant to chemical agents.
- Removable return spring.
- Finish: chromed.

| 185.20CPEF | B [mm] | C [mm] | d [mm] | E [mm] | E1 [mm] | L [mm] | ΔΔ [g] |
|------------|--------|--------|--------|--------|---------|--------|--------|
| | 18 | 75 | 2,9 | 3,6 | 9 | 200 | 200 |

□ Long-reach slim half-round nose pliers with fluorescent grips

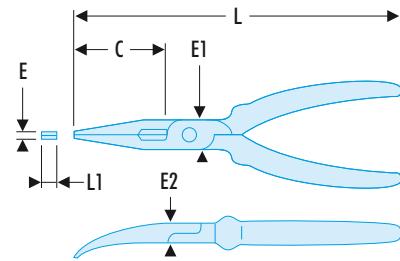


NF ISO 5745, ISO 5745, DIN ISO 5745, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- Narrow, finely serrated tips, 40° angled nose.
- Side cutter for copper and hard steel wire (max. 160 kg/mm²).
- Ergonomic grips resistant to chemical agents.
- Removable return spring.
- Finish: chromed.

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

□ Short half-round nose pliers with fluorescent grips

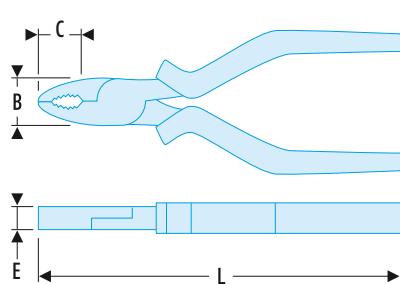


NF ISO 5745, ISO 5745, DIN ISO 5745, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- Narrow, finely serrated tips, 40° angled, with a pipe-grip.
- Side cutter for copper and hard steel wire (max. 160 kg/mm²).
- Ergonomic grips resistant to chemical agents.
- Removable return spring.
- Finish: chromed.

| 195.16CPEF | B [mm] | C [mm] | d [mm] | E [mm] | E1 [mm] | L [mm] | ΔΔ [g] |
|------------|--------|--------|--------|--------|---------|--------|--------|
| | 17 | 50 | 2,5 | 3 | 9 | 160 | 177 |

□ Combination pliers with fluorescent grips

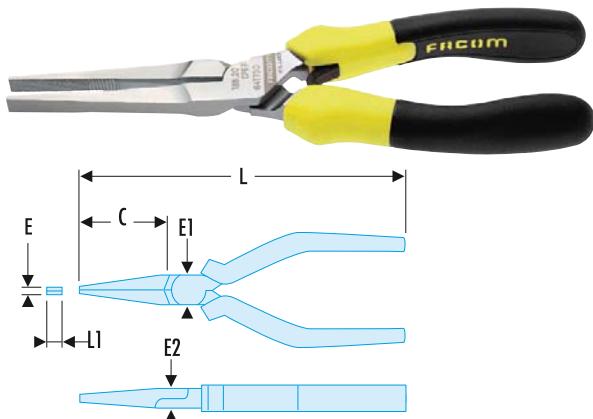


NF ISO 5746, ISO 5746, DIN ISO 5746, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- Cutting edges designed to cut through all types of wire: piano wire, soft wires and modern materials (max. Fe 200 kg/mm²).
- 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.

| 187.16CPEF | B [mm] | C [mm] | E [mm] | L [mm] | ΔΔ [g] |
|------------|--------|--------|--------|--------|--------|
| | 21 | 34 | 9,5 | 165 | 195 |

□ Flat nose pliers with fluorescent grips

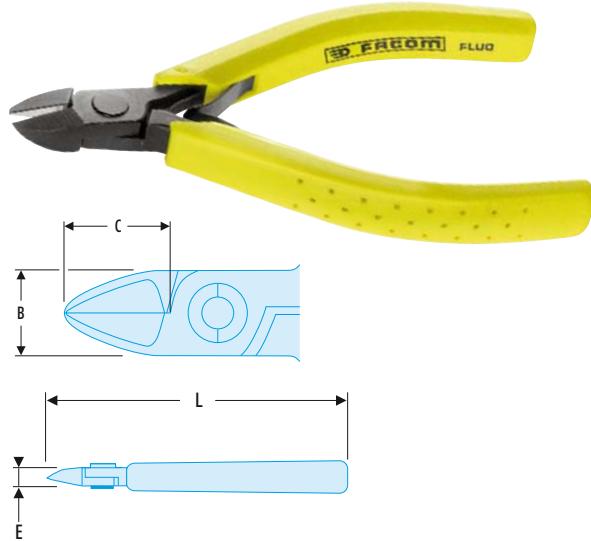


NF ISO 5745, ISO 5745, DIN ISO 5745, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- Serrated nose for stronger grip.
- Ergonomic grips resistant to chemical agents.
- Removable return spring.
- Finish: chromed.

| | C [mm] | E [mm] | E1 [mm] | E2 [mm] | L [mm] | L1 [mm] | $\Delta\Delta$ [g] |
|-------------------|--------|--------|---------|---------|--------|---------|--------------------|
| 188.20CPEF | 75 | 4 | 18 | 9 | 200 | 6,5 | 200 |

□ Micro-Tech® "heavy-duty" cutters with fluorescent grips

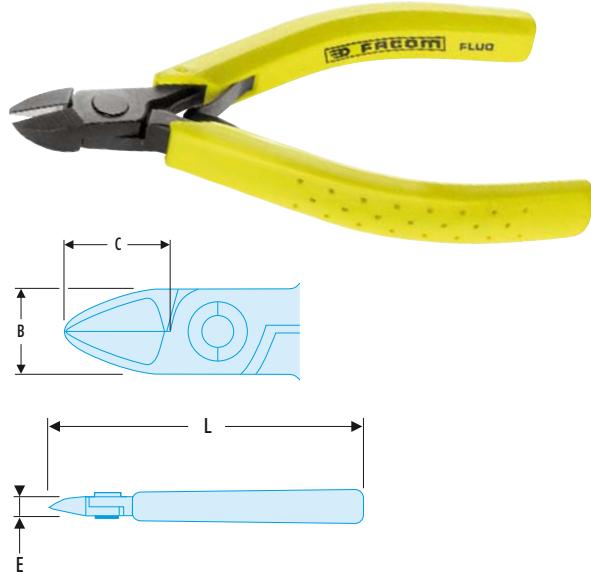


NF ISO 9654, ISO 9654, DIN ISO 9654, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- Pliers for clear cutting multiple materials: from copper wire to piano wire up to 0.5 mm.

| | B [mm] | C [mm] | E [mm] | L [mm] | Cu - Ni wire diameter [mm] | Fe wire 30 HRc diameter [mm] | Cut | $\Delta\Delta$ [g] |
|------------------|--------|--------|--------|--------|----------------------------|------------------------------|-----|--------------------|
| 405.10MTF | 10,5 | 11,5 | 7 | 110 | 0,3 - 1,4 | 0,8 | ↗ | 60 |

□ Micro-Tech® long-reach cutters with fluorescent grips

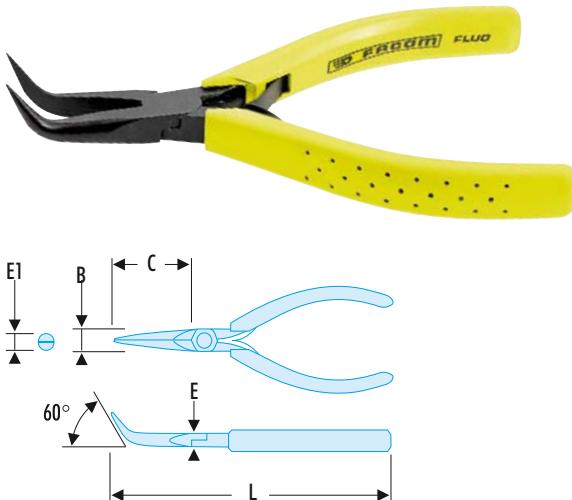


NF ISO 9654, ISO 9654, DIN ISO 9654, ASME B107.500

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- Long-reaching pliers up to 1.5 to 2 mm more than with standard pliers.
- The model with retention system prevents the wire from being ejected.

| | B [mm] | C [mm] | E [mm] | L [mm] | Cu - Ni wire diameter [mm] | Cut | $\Delta\Delta$ [g] |
|-------------|--------|--------|--------|--------|----------------------------|-----|--------------------|
| 425F | 10,5 | 13 | 7 | 110 | 0,1 - 1,3 | ↖ | 60 |

□ Micro-Tech® gripping pliers with fluorescent grips



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.
- Rigid jaws, angled 60°.

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

"FOD" fluorescent tooling

□ Outside Circlip® pliers with fluorescent grips - straight nose



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

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- For Circlips® 19 --> 60 mm.

| ■ | d [mm] | d mini - maxi [mm] | L [mm] |
|----------|--------|--------------------|--------|
| 177A.18F | 1,8 | 19 - 60 | 180 |

□ Outside Circlip® pliers with fluorescent grips - 90° angled



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

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- For Circlips® 19 --> 60 mm.

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

□ Inside Circlip® pliers with fluorescent grips - straight nose



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

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- For Circlips® 19 --> 60 mm.

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

□ Inside Circlip® pliers with fluorescent grips - 45° angled



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

- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- For Circlips® 19 --> 60 mm.

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

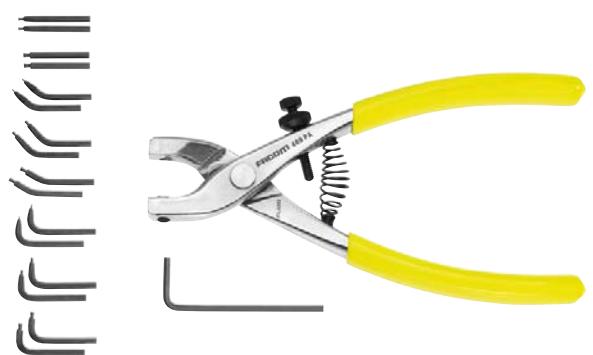
□ 467FLU0 Outside Circlip® pliers with fluorescent grips



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

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

□ 469F Inside Circlip® pliers with fluorescent grips



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

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

Ring wrenches**□ Long-reach ring wrenches****ASME B107.100**

- Bright finish.
- 12-pin for more secure nut tightening, improving speed and grip. Suitable for 4 - 6 - 12 point.

| �� | A ["] | L [mm] | ΔΔ [g] |
|-------|---------------|--------|--------|
| J1151 | 1-1/16x1-1/4 | 464 | 826 |
| J1155 | 1-1/4x1-5/16 | 489 | 894 |
| J1160 | 1-1/4x1-3/8 | 514 | 1007 |
| J1162 | 1-7/16x1-1/2 | 565 | 1352 |
| J1164 | 1-5/8x1-11/16 | 616 | 1696 |

Spline profile tools**□ Spline profile ring wrenches****ASME B107.100**

- Bright finish.
- ASME B107.100: ring and performance specification.
- MS33787: spline profile specification.

| �� | A ["] | L [mm] | ΔΔ [g] |
|----------|-------------|--------|--------|
| J1118SPL | 1/4x5/16 | 184 | 54 |
| J1122SPL | 3/8x7/16 | 229 | 82 |
| J1126SPL | 1/2x9/16 | 229 | 154 |
| J1130SPL | 9/16x5/8 | 248 | 181 |
| J1135SPL | 11/16x3/4 | 279 | 340 |
| J1142SPL | 13/16x15/16 | 324 | 467 |
| J1144SPL | 7/8x1 | 337 | 490 |

□ Spline profile combination wrenches

- Bright finish.
 - Open end: anti-slip design.
 - ASME B107.100: ring and performance specification.
 - MS33787: spline profile specification.
- Total head height: 18 mm.

| �� | A ["] | L [mm] | ΔΔ [g] |
|----------|-------|--------|--------|
| J1208SPL | 1/4 | 125 | 27 |
| J1209SPL | 9/32 | 131 | 32 |
| J1210SPL | 5/16 | 138 | 36 |
| J1211SPL | 11/32 | 144 | 41 |
| J1212SPL | 3/8 | 150 | 45 |
| J1214SPL | 7/16 | 176 | 64 |
| J1216SPL | 1/2 | 201 | 91 |
| J1218SPL | 9/16 | 224 | 118 |
| J1220SPL | 5/8 | 242 | 154 |
| J1222SPL | 11/16 | 261 | 191 |
| J1224SPL | 3/4 | 280 | 227 |
| J1226SPL | 13/16 | 300 | 268 |
| J1228SPL | 7/8 | 318 | 331 |
| J1230SPL | 15/16 | 338 | 408 |
| J1232SPL | 1 | 357 | 499 |

Specific aerospace tools

□ SBV - Spline profile head ratchet ring wrenches



PROTO®®



- Profile suited to "high strength" spline fasteners.
- Compatible with 12-point and 6-point inch fasteners.
- Heads tilted by 15°.
- 5° increments.
- High performance level.
- High head capacity.
- Finish: black chromium.

| ≡ | A ["] | L [mm] | ΔTΔ [g] |
|----------------|---------------|--------|---------|
| SBV0709 | 7/32 x 9/32 | 114 | 36 |
| SBV0810 | 1/4 x 5/16 | 114 | 36 |
| SBV1214 | 3/8 x 7/16 | 151 | 54 |
| SBV1618 | 1/2 x 9/16 | 179 | 104 |
| SBV2022 | 5/8 x 11/16 | 200 | 159 |
| SBV2428 | 3/4 x 7/8 | 245 | 259 |
| SBV2630 | 13/16 x 15/16 | 260 | 381 |
| SBV3236 | 1 x 1 1/8 | 330 | 431 |

□ 1/4" Spline profile sockets



PROTO®®

- Profile suited to "high strength" spline fasteners.
- Compatible with 12-point and 6-point inch fasteners.
- Thin walls.
- High performance level.
- Finish: chromed.

| ≡ | A ["] | L [mm] | ΔTΔ [g] |
|-----------------|-------|--------|---------|
| J4706SPL | 3/16 | 23 | 9 |
| 4707SPL | 7/32 | 23 | 9 |
| 4708SPL | 1/4 | 23 | 9 |
| 4709SPL | 9/32 | 23 | 9 |
| 4710SPL | 5/16 | 23 | 14 |
| 4712SPL | 3/8 | 23 | 18 |
| 4714SPL | 7/16 | 26 | 23 |

□ 1/4" Long-reach spline profile sockets



PROTO®®

- Profile suited to "high strength" spline fasteners.
- Compatible with 12-point and 6-point inch fasteners.
- Thin walls.
- High performance level.
- Finish: chromed.

| ≡ | A ["] | L [mm] | ΔTΔ [g] |
|-----------------|-------|--------|---------|
| J4706DPL | 3/16 | 51 | 14 |
| J4707DPL | 7/32 | 51 | 18 |
| 4708DPL | 1/4 | 51 | 18 |
| 4709DPL | 9/32 | 51 | 23 |
| 4710DPL | 5/16 | 51 | 27 |
| 4712DPL | 3/8 | 51 | 36 |
| 4714DPL | 7/16 | 51 | 41 |

3/8" long-reach spline profile sockets



- Profile suited to "high strength" spline fasteners.
- Compatible with 12-point and 6-point inch fasteners.
- Thin walls.
- High performance level.
- Finish: chromed.

| �� | A ["] | d1 [mm] | d2 [mm] | L [mm] | ΔΔ [g] |
|----------------|-------|---------|---------|--------|--------|
| 5012DPL | 3/8 | 13.8 | 16.8 | 53.4 | 36 |
| 5014DPL | 7/16 | 16 | 17.25 | 53.65 | 43 |
| 5016DPL | 1/2 | 18.3 | 18.3 | 59.95 | 54 |
| 5018DPL | 9/16 | 20.9 | 20.9 | 60.3 | 83 |
| 5020DPL | 5/8 | 22.6 | 22.6 | 60.4 | 96 |

Crowfoot bits

12-point high crowfoot flare bits 3/8"



Dim
" "

- Thin wall 12-point high heads.
- Built to aeronautical specifications.
- 3/8" square drive bit.
- Dimensions: 5/8" --> 1'1/16".
- Finish: chromed.

| �� | A ["] | E [mm] | B [mm] | C [mm] | L [mm] | ΔΔ [g] |
|---------------|--------|--------|--------|--------|--------|--------|
| 4920FL | 5/8 | 24,2 | 18,3 | 24,2 | 19,05 | 40 |
| 4922FL | 11/16 | 26,3 | 18,3 | 26,3 | 20,20 | 44 |
| 4924FL | 3/4 | 29,2 | 18,3 | 29,2 | 21,40 | 53 |
| 4926FL | 13/16 | 31,1 | 18,9 | 31,1 | 22,60 | 56 |
| 4928FL | 7/8 | 33,8 | 19,3 | 33,8 | 25,00 | 67 |
| 4930FL | 15/16 | 35,9 | 19,0 | 35,9 | 24,20 | 68 |
| 4932FL | 1 | 37,7 | 19,8 | 37,7 | 26,20 | 77 |
| 4934FL | 1-1/16 | 39,5 | 20,0 | 39,5 | 27,00 | 84 |

J5100 9-piece set of 12-point 3/8" drive adaptors



- Length 2" between the centre of the square and the centre of the ring.
- Ring profile design guaranteeing mechanical strength while allowing use in confined spaces.
- Dimensions: 3/8" - 7/16" - 1/2" - 9/16" - 5/8" - 11/16" - 3/4" - 13/16" - 7/8".

1/2" crowfoot open end bits



- Open end: anti-slip design ensuring proper fitting of the crowfoot on the bolt.
- 1/2" square drive bit.

| �� | A ["] | L [mm] | ΔΔ [g] |
|----------------|---------|--------|--------|
| J5334CF | 1-11/16 | 73 | 231 |
| J5336CF | 1-1/8 | 76 | 245 |
| J5338CF | 1-3/16 | 76 | 263 |
| J5340CF | 1-1/4 | 84 | 299 |
| J5342CF | 1-5/16 | 84 | 299 |
| J5344CF | 1-3/8 | 86 | 327 |
| J5346CF | 1-7/16 | 86 | 340 |
| J5348CF | 1-1/2 | 87 | 349 |
| J5350CF | 1-9/16 | 89 | 363 |
| J5352CF | 1-5/8 | 89 | 376 |
| J5354CF | 1-11/16 | 97 | 431 |
| J5356CF | 1-3/4 | 97 | 445 |
| J5358CF | 1-13/16 | 98 | 458 |
| J5360CF | 1-7/8 | 98 | 478 |
| J5364CF | 2 | 100 | 499 |

Tools for aerospace fasteners

TOOLS FOR AIRCRAFT FASTENERS

1/4" AND 3/8" RATCHETS FOR INSTALLING AIRCRAFT FASTENERS

Used with "standard" 1/4" and 3/8" square drive sockets.

- The sockets are locked onto square drive by a metal clip.

The ratchet head includes a hole for inserting a key

- to prevent rotation of the fastener during tightening.



5249XLHS



4749XLHS

4749XLHS 1/4" ratchet for aerospace fasteners

PROTO®



NF ISO 3315, ISO 3315, DIN 3122, ASME B107.10, AS 4283

- Hole in 1/4" head and drive bit for passing keys.
- Smaller shape and volume for better accessibility.
- Increment: 8°.
- Head diameter: 21.5 mm.
- Total head height: 18 mm.
- Length: 144 mm.
- Weight: 115 g.

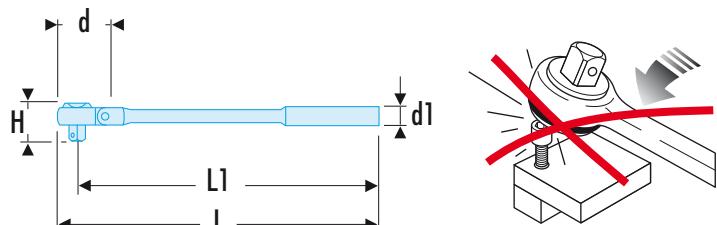
5249XLHS 3/8" ratchet for aerospace fasteners

PROTO®



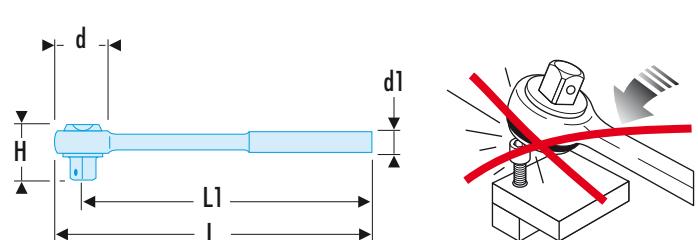
NF ISO 3315, ISO 3315, DIN 3122, ASME B107.10, AS 4283

- Hole in 3/8" head and drive bit for passing keys.
- Smaller shape and volume for better accessibility.
- Increment: 8°.
- Head diameter: 33 mm.
- Total head height: 27 mm.
- Length: 215 mm.
- Weight: 400 g.

1/2" metal handle ratchet **"Palm control" 1/2" ratchet with metal handle**

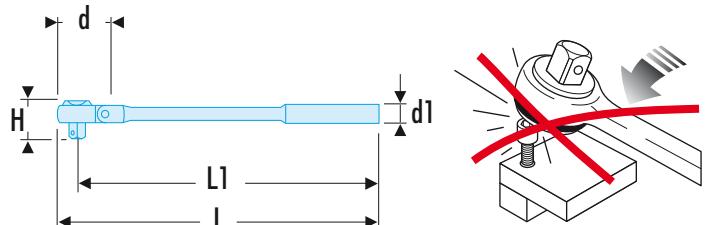
- Long-reach stiffened hinge ratchet allowing to clear an obstacle.
- Increment: 5°.
- "Palm control" switch.
- Finish: satin chrome.

| | d [mm] | d1 [mm] | H [mm] | L [mm] | ΔΔ [g] |
|--------|--------|---------|--------|--------|--------|
| S.158A | 42 | 20 | 40 | 435 | 940 |

3/8" metal handle ratchet **"Palm control" 3/8" long-reach ratchet with metal handle****NF ISO 3315, ISO 3315, DIN 3122, ASME B107.10**

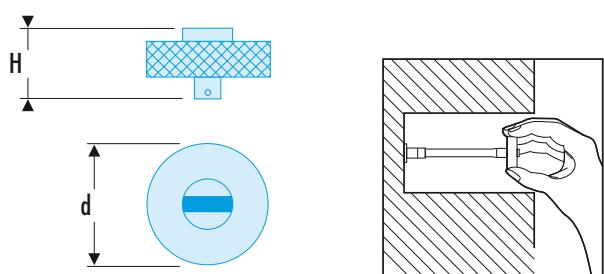
- Stiffened hinge handle allowing to clear an obstacle.
 - Increment: 5°.
 - "Palm control" switch.
 - Finish: satin chrome.
- Weight: 360 g.

| | d [mm] | d1 [mm] | H [mm] | L [mm] | ΔΔ [g] |
|--------|--------|---------|--------|--------|--------|
| J.158A | 30 | 16 | 32 | 273 | 350 |

1/4" metal handle ratchet **"Palm control" 1/4" long-reach ratchet with metal handle**

- Increment: 5°.
- Stiffened hinge handle allowing to clear an obstacle.
- Finish: satin chrome.

| | d [mm] | d1 [mm] | H [mm] | L [mm] | ΔΔ [g] |
|--------|--------|---------|--------|--------|--------|
| R.158A | 25 | 11 | 26,5 | 158 | 135 |

 R.150A 1/4" ratchet without handle

- Increment: 5°.
 - Finish: satin chrome.
- Weight: 95 g.

□ 65.PE Bit-holder ratchet wrench 1/4" - 5/16"



- 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.

Hinged sockets

□ 1/2" hinged sockets



PROTO®

Dim
"

ASME B107.1, AS954G

| | A ["] | L [mm] | ΔTΔ [g] |
|--------|-------|--------|---------|
| J5475A | 1/2 | 63 | 113 |
| J5477A | 9/16 | 67 | 118 |
| J5476A | 5/8 | 67 | 122 |

□ J47107 9-piece set of 1/4" hinged sockets



PROTO®

Dim
"

- 9 sockets: 7/32" - 1/4" - 9/32" - 5/16" - 11/32" - 3/8" - 7/16" - 1/2" - 9/16".

Weight: 213 g.

□ 1/4" knurled extensions



PROTO®

- Finish: chromed.

| | L [mm] | ΔTΔ [g] |
|-------|--------|---------|
| J4759 | 51 | 23 |
| J4760 | 76 | 36 |
| J4761 | 152 | 68 |
| J4762 | 254 | 109 |
| J4763 | 259 | 136 |

Bristol wrenches

□ 85.JU10 Set of 10 wrenches for Bristol head screws

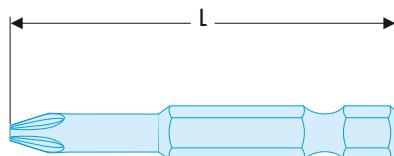


- Set of 10 85 keys: 033 - 048 - 060 - 072 - 096 - 111 - 133 - 145 - 168 - 183.
 - Supplied in roll.
- Weight: 37 g.

Torq Set® - Tri-wing bits**□ ETOR - 1/4" bits for Torq Set® head screws**

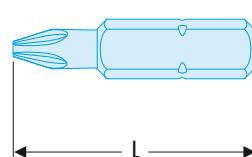
NF ISO 1173, ISO 1173

| ➔ | L [mm] | Screw Size[mm] | ΔΔ [g] |
|--------------------|--------|----------------|--------|
| ETOR.100 | 25 | 0 | 5,50 |
| ETOR.101 | 25 | 1 | 5,50 |
| ETORM.103 | 25 | 3 | 6,00 |
| ETORM.104 | 25 | 4 | 6,00 |
| ETORM.105 | 25 | 5 | 6,00 |
| ETORM.106 | 25 | 6 | 6,00 |
| ETORM.108 | 25 | 8 | 6,00 |
| ETORM.110 | 25 | 10 | 6,00 |
| ETORM.101/4 | 32 | 1/4 | 13,00 |

□ ETORM.6 - 1/4" grooved bits for Torq Set® head screws

NF ISO 1173, ISO 1173

| ➔ | Torq-set [No] | L [mm] | ΔΔ [g] |
|--------------------|---------------|--------|--------|
| ETORM.602 | 2 | 50 | 12 |
| ETORM.603 | 3 | 50 | 12 |
| ETORM.604 | 4 | 50 | 12 |
| ETORM.605 | 5 | 50 | 12 |
| ETORM.606 | 6 | 50 | 12 |
| ETORM.608 | 8 | 50 | 12 |
| ETORM.610 | 10 | 50 | 12 |
| ETORM.601/4 | 1/4 | 50 | 12 |

□ ETORM.2 - For Torq Set® screw head

NF ISO 1173, ISO 1173

| ➔ | L [mm] | Screw Size[mm] | ΔΔ [g] |
|---------------------|--------|----------------|--------|
| ETORM.208 | 32 | 8 | 14 |
| ETORM.210 | 32 | 10 | 14 |
| ETORM.201/4 | 32 | 1/4 | 14 |
| ETORM.205/16 | 32 | 5/16 | 14 |
| ETORM.203/8 | 32 | 3/8 | 14 |

□ For Tri-wing head screws

NF ISO 1173, ISO 1173

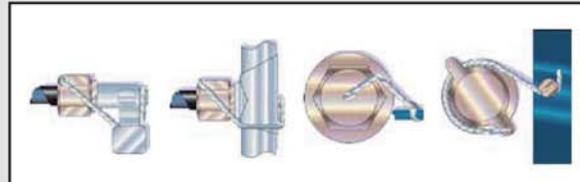
| ➔ | L [mm] | Screw Size[mm] | ΔΔ [g] |
|-----------------|--------|----------------|--------|
| ETRI.101 | 25 | 1 | 5,50 |
| ETRI.102 | 25 | 2 | 5,50 |
| ETRI.103 | 25 | 3 | 5,50 |
| ETRI.104 | 25 | 4 | 5,50 |
| ETRI.105 | 25 | 5 | 5,50 |

Locking-wire pliers

FACOM LOCKING-WIRE PLIERS

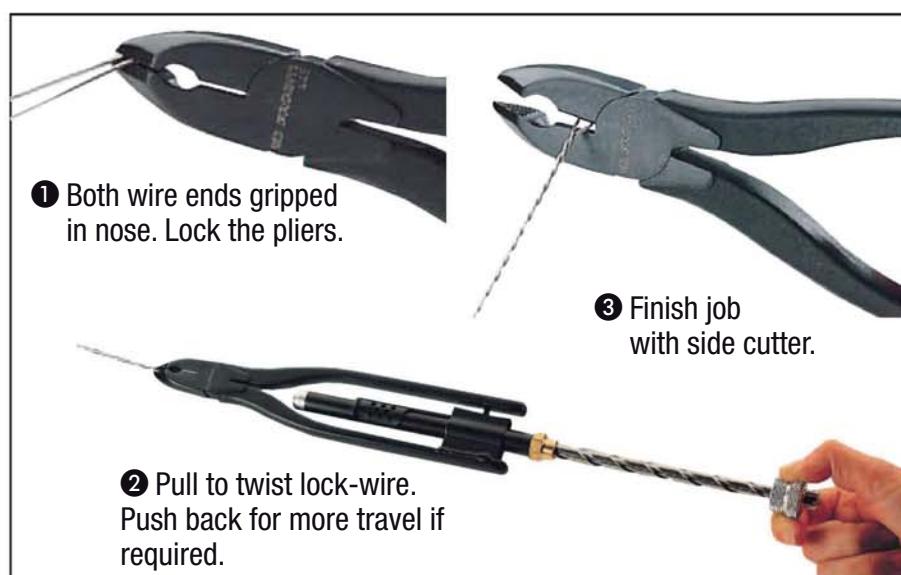
Fast twist in lock-wire securing assemblies subject to vibration.

- For stainless and inconel wire Ø 1 mm.
- Side wire cutter.
- Slim nose-tip for optimum manoeuvrability.
- 10" model: 3 turns, 125 mm travel.
- 8" model: 2.5 turns, 95 mm travel.

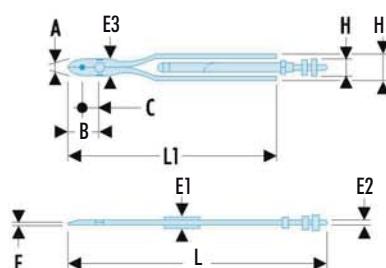


Automatic model

- Automatic-reset model for simplicity and time-saving.



□ 8" short locking-wire pliers

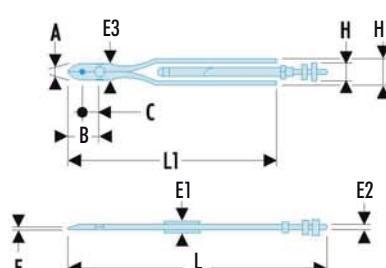


ASME B107.500

- "automatic" model.

| | A [mm] | E [mm] | B [mm] | C [mm] | E1 [mm] | E2 [mm] | H [mm] | L [mm] | L2 [mm] | ΔΔ [g] |
|--------|--------|--------|--------|--------|---------|---------|--------|--------|---------|--------|
| 445.8R | 3 | 2,5 | 20 | 7 | 15 | 10,5 | 22 | 215 | 215 | 245 |

□ 10" locking-wire pliers



ASME B107.500

- "automatic" model.

| | A [mm] | E [mm] | B [mm] | C [mm] | E1 [mm] | E2 [mm] | H [mm] | L [mm] | L2 [mm] | ΔΔ [g] |
|---------|--------|--------|--------|--------|---------|---------|--------|--------|---------|--------|
| 445.10R | 3 | 2,5 | 30 | 11 | 15,5 | 11,5 | 25 | 360 | 360 | 400 |

SAFETY**FOAM MODULES****FACOM CONTROL SYSTEM****SAFETY FIRST**

- A separate space for each tool prevents them being left in sensitive areas.

PRODUCTIVITY

- Tools quickly located and immediately returned after use.
Avoiding loss.

SPEED

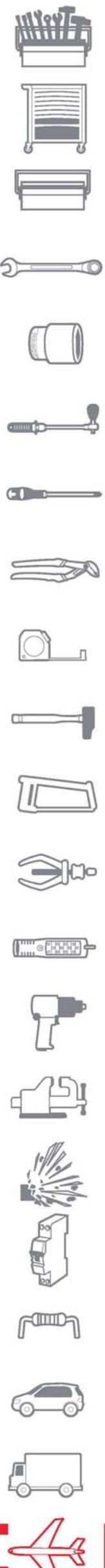
- Missing tools identified "at a glance".



- Two-coloured modular system of foam tool trays designed to resist a wide range of hydrocarbons, hydraulic fluids and cleaning products.
- Modules compatible with JET.XL and CHRONO.XL roller cabinets.
Dimensions: 420 x 190 x 55 mm.



► Find the complete range of foam modules in the roller cabinets and workshop furniture section p. 52.



□ CU.AE50 153-piece engine mechanics set

- Set designed for full workshop overhaul and occasional interventions between overhauls on the main heavy jets using SNECMA, GE, PW or RR motors:
 - Airbus A3xx, Boeing 7xx,
Mc Donnell Douglas DCxx.
 - 153 tools.
- Weight: 17.800 kg.



| Part No. | Qtns | Set Description | Part No. | Qtns | Set Description |
|---------------------|------|--|--------------------|------|---|
| RB.40AU | 10 | Sockets 3/16" to 9/16" | 86H.JU7 | 7 | Folding set of hexagon keys 1/16" to 1/4" |
| R.240A | 1 | 1/4" universal joint | 86H.JU6 | 6 | Folding set of hexagon keys 5/32" to 3/8" |
| R.232 | 1 | Coupler 1/4" - 3/8" | 834.R2 | 1 | Inspection mirror 55 mm |
| R.236A | 1 | Short-reach spinner handle | 803.300M | 1 | Flexible stainless 2-sided rule |
| R.215 | 1 | 1/4" extension 150 mm long | 64.3/8X7/16 | 1 | 12-point ring wrench |
| R.210 | 1 | 1/4" extension 100 mm long | 55A.JU10 | 10 | Offset ring wrenches 1/4" to 1"1/4" |
| R.155A | 1 | 1/4" metal-grip "palm-control" ratchet | 445.10R | 1 | Locking-wire pliers |
| JL.40U | 10 | "Junior" long-reach sockets 1/2" to 9/16" | 410.S | 1 | Connector pliers |
| J.F | 7 | Hinged sockets 1/2"- 11/16"- 3/4"- 3/8"- 5/8"- 7/16"- 9/16" | 440.JU17T | 17 | 1/4" to 1 1/4" combination wrench wallet set |
| JB.41AU | 5 | Sockets 5/8" to 7/8" | 192.16CPE | 1 | "Piano wire" diagonal cutters |
| JB.40AU | 6 | Sockets 1/4" to 9/16" | 256.2,5 | 1 | Precision centre punch |
| J.240A | 1 | 3/8" universal joint | 251A.JS9 | 9 | Precision sleeved drift punches 1 to 6 mm |
| J.230 | 1 | Coupler 3/8" - 1/4" | 208A.40CBA | 1 | Heavyweight series adaptable tip mallet |
| J.215 | 1 | "Junior" extension 250 mm | 195.20CPE | 1 | Sheathed angled half-round nose pliers |
| J.210 | 1 | "Junior" extension 125 mm | 193.16CPE | 1 | Sheathed straight half-round nose "telephone" pliers |
| J.155A | 1 | 3/8" metal-grip "palm-control" ratchet | 189.17CPE | 1 | Sheathed round-nose pliers |
| J.145 | 1 | Metal-grip hinged handle | 187.18CPE | 1 | Sheathed universal pliers |
| J.120A | 1 | Sliding tee | 1830.1 | 1 | Extra-soft silk brush |
| J.115 | 1 | Metal-grip speed brace | 181A.25CPE | 1 | Locking twin slip-joint multigrip pliers |
| CLE.MDAM100A | 6 | Second cut locksmiths files | 804 | 1 | 19 blade feeler gauge |
| ARZ.5,5 | 1 | Round blade offset screwdriver | 603F | 1 | Hacksaw frame |
| APZ.A | 1 | Dual-size offset screwdriver | 234 | 1 | Scriber |
| APZ.B | 1 | Dual-size offset screwdriver | 231 | 1 | Three-square scraper |
| ANP | 2 | Stubby screwdrivers Phillips® heads 1x35 mm and 2x35 mm | 34 | 6 | Midget open-end wrenches 1/4" - 11/32" - 3/8" - 5/16" - 7/16" - 9/32" |
| AWP | 4 | Phillips® screwdrivers PH 1x100 - 2x125 - 3x150 - 4x200 | CKS.91 | 1 | Socket rack set |
| AW | 4 | Forged hexagonal blade screwdrivers for slotted heads 4x100 - 5,5x150 - 6,5x150 - 8x200 mm | JB.11/32 | 1 | Sockets 11/32" |
| AN6.5X35 | 1 | Stubby screwdriver for slotted heads | 200C.26 | 1 | Graphite handle riveting hammer |
| AN | 3 | Round blade screwdrivers for slotted heads 2,5x75 - 3,5x75 - 4x100 mm | 200C.30 | 1 | Graphite handle riveting hammer |

□ JETGXL.UAE50 CU.AE50 set supplied in foam modules and JET.8GM3S

- Engine mechanics selection CU.AE50 supplied in foam modules in roller cabinet JET.8GM3S.



□ CU.AE51 115-piece electricians set

- For minor and major workshop overhaul and interventions on electrical equipment: control harnesses, power supply circuits, connections and relays, lighting, audiovisual.
- 115 tools.

Weight: 6.880 kg.

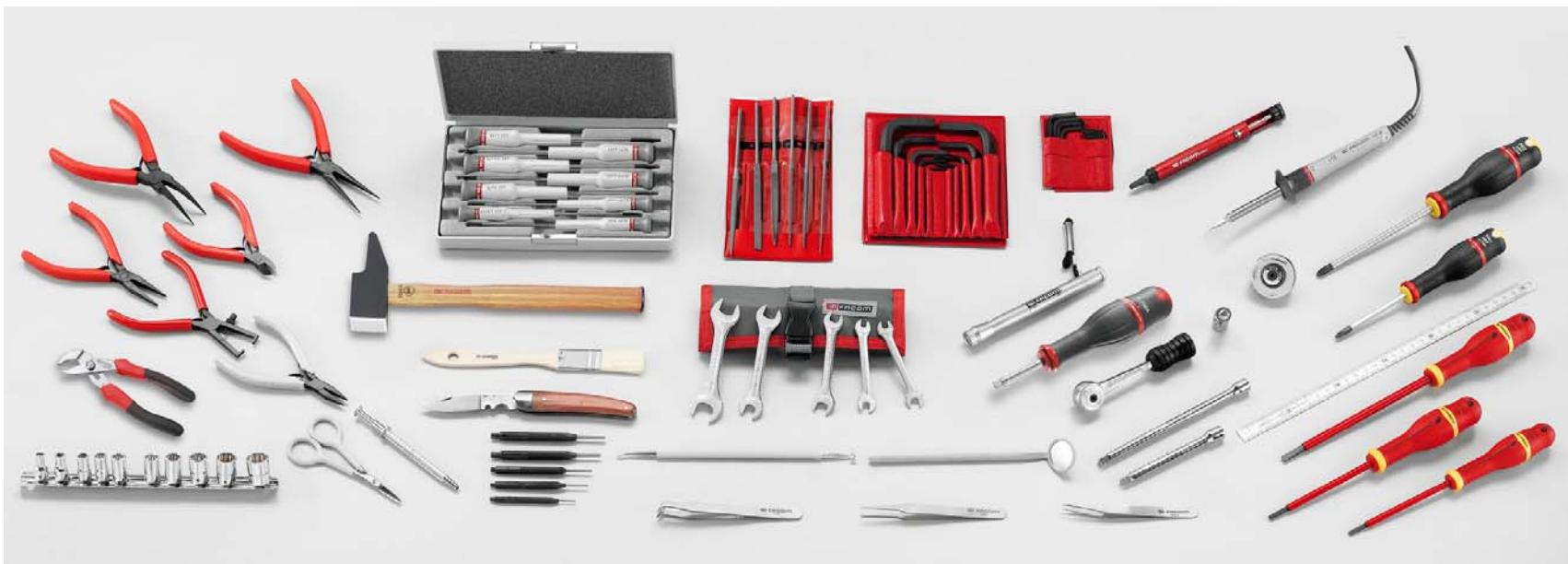


| | Qtys | Set Description |
|-------------|------|--|
| R.EL | 5 | Long 6 point sockets 1/4" - 5/16" - 3/8" - 7/16" - 1/2" |
| RB.40AU | 10 | Sockets 3/16" to 9/16" |
| R.240A | 1 | 1/4" universal joint |
| R.236A | 1 | Short-reach spinner handle |
| R.216 | 1 | Flexible socket extension 150 mm long |
| R.215 | 1 | 1/4" extension 150 mm long |
| R.210 | 1 | 1/4" extension 100 mm long |
| R.151 | 1 | 1/4" ratchet |
| R.120A | 1 | Sliding tee |
| AS.6L160T2A | 6 | Needle file wallet set |
| ARZ.5,5 | 1 | Round blade offset screwdriver |
| APZ.B | 1 | Dual-size offset screwdriver |
| AWP | 2 | Screwdriver for Phillips® heads PH 1x100 - 2x125 |
| ANPOX75 | 1 | Screwdriver for Phillips® heads PH 0 |
| AN | 2 | Screwdrivers for slotted heads 2,5x75 and 3,5x75 mm |
| AW | 4 | Screwdrivers for slotted head 4x100 - 5,5x150 - 6,5x150 - 8x200 mm |
| 85.JU10 | 10 | Wallet set of hexagon keys 33 to 183 mm |
| 841A.4 | 1 | "Stubby" scissors |
| 840.1 | 1 | Electricians knife with wire stripper |
| 839A.0 | 1 | Desoldering pump |
| 834.R1 | 1 | Inspection mirror 36 mm |
| 826.1 | 1 | Mechanical retriever |
| 82H.JU10 | 10 | Wallet set of hexagonal keys 1/16" to 3/8" |
| 445.8R | 1 | Locking-wire pliers |
| 410.S | 1 | Connector pliers |
| 405.15 | 1 | Precision diagonal cutters, axial cut |
| 34.JU13T | 13 | Roll set of open end wrenches 3/16" to 11/16" |

| | Qtys | Set Description |
|------------|------|---|
| 256.2,5 | 1 | Precision centre punch |
| 251A.JT9 | 9 | Precision sleeved drift punches 1 to 6 mm |
| 208A.32CBA | 1 | Plastic-tip mallet |
| 200H.26 | 1 | Graphite handle riveting hammer |
| 193.16CPE | 1 | Short half-round nose plier |
| 189.17CPE | 1 | Sheathed round-nose pliers |
| 188.16CPE | 1 | Sheathed flat-nose pliers |
| 1230.30 | 1 | Extra-soft silk brush |
| 183.20CPE | 1 | Sheathed angled half-round nose pliers |
| 180.CPE | 1 | Multigrip pliers |
| BV.21-10 | 1 | Soldering iron stand |
| 113A.8C | 1 | 10" adjustable wrench |
| 1830.1 | 1 | Extra-soft silk brush |
| 836 | 1 | Pen light |
| 804 | 1 | 19 blade feeler gauge |
| 803.300M | 1 | Flexible stainless 2-sided rule |
| 234 | 1 | Scriber |
| 163 | 1 | Wire stripper and cutter |
| 144 | 1 | Ultra-flat straight tweezers |
| R.235 | 5 | 1/4" drive bit holder |
| ES.148T | 1 | 1/4" bit for slotted head 8 mm |
| ES.136,5T | 1 | 1/4" bit for slotted head 6,5 mm |
| ES.134T | 1 | 1/4" bit for slotted head 4 mm |
| EP.102T | 1 | 1/4" bit for Phillips® head n°2 |
| EP.101T | 1 | 1/4" bit for Phillips® head n°1 |
| APB.1X40 | 1 | Stubby screwdriver for Phillips® head n°1 |

□ CU.AE52 86-piece flight instruments set

- For workshop revisions and interventions on panel instruments, electric, electromechanical and electronic modules, on lamps and indicators.
 - 86 tools.
- Weight: 3.490 kg.

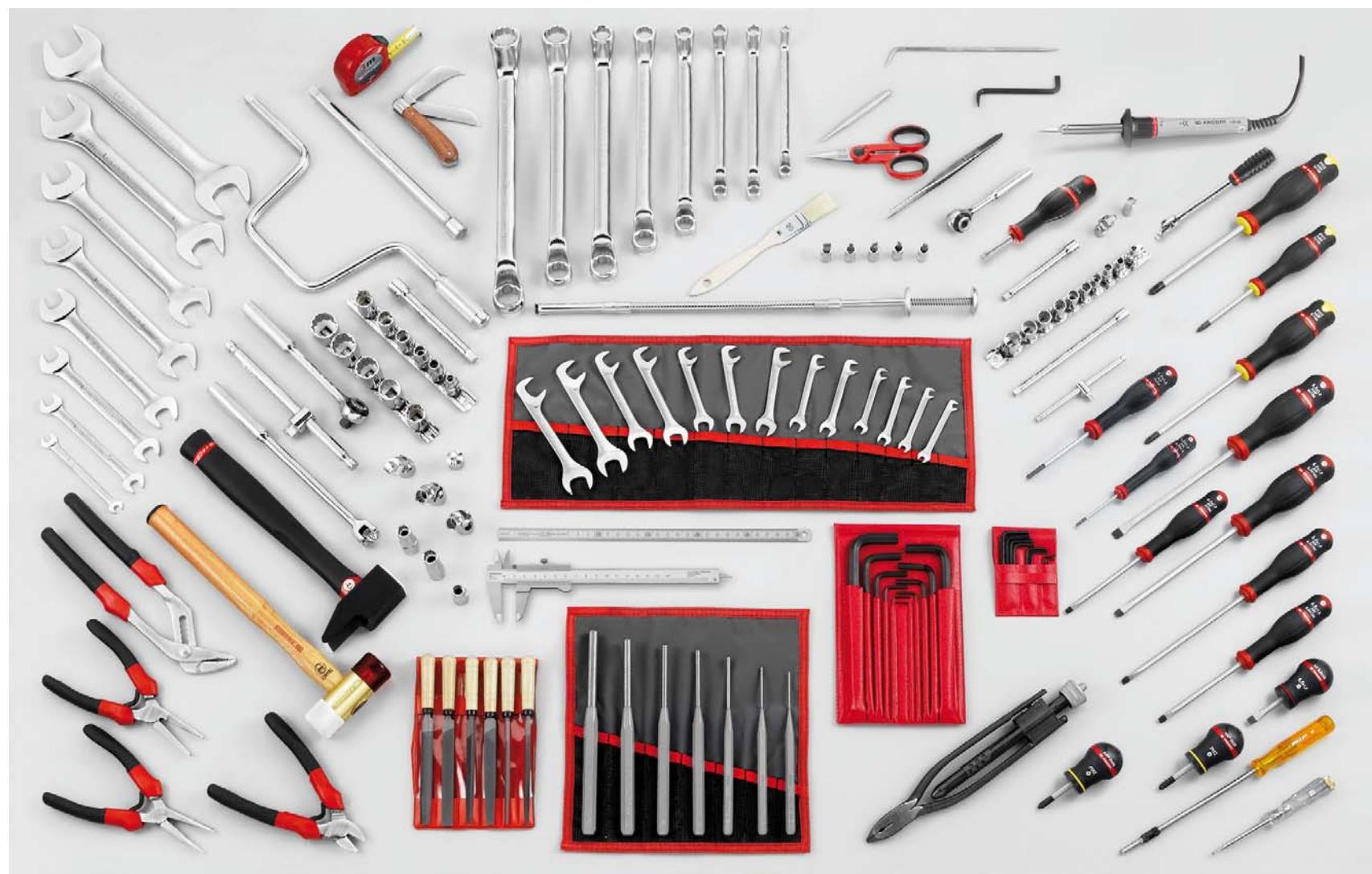


| ⊖ | Qty | Set Description | ⊖ | Qty | Set Description |
|--------------------|-----|---|-----------------|-----|--|
| RB.40AU | 10 | Sockets 3/16" to 9/16" | 803.300M | 1 | Flexible stainless 2-sided rule |
| R.240A | 1 | 1/4" universal joint | 405.10 | 1 | "Electronics" coaxial cutting pliers |
| R.236A | 1 | Short-reach spinner handle | 251A | 5 | Drift punches 1 - 1.5 - 2 - 2.5 - 3 mm |
| R.215 | 1 | 1/4" extension 150 mm long | 200H.26 | 1 | Graphite handle riveting hammer |
| R.210 | 1 | 1/4" extension 100 mm long | 22.JU5T | 5 | Roll set of miniature open-end wrenches 3/16" to 9/16" |
| R.151 | 1 | 1/4" ratchet | 194.12 | 1 | Fine wire strippers |
| R.150A | 1 | Finger-control ratchet | 1830.1 | 1 | Extra-soft silk brush |
| AVE | 3 | Screwdrivers for slotted heads 3,5x100 - 4x100 - 5,5x150 mm | 176A.CPY | 1 | Sheathed multigrip pliers |
| AS.6L160T2A | 6 | Needle file wallet set | 142.2 | 1 | 15° angle-nose tweezers |
| AEF.J3 | 8 | "Micro-Tech®" screwdrivers with case | 1230.30 | 1 | Soldering iron 30W |
| AWP | 2 | Screwdriver for Phillips® PH heads 1x100 - 2x125 | 836 | 1 | Pen light |
| 85.JU10 | 10 | Wallet set of hexagon keys 33 to 183 mm | 834 | 1 | Inspection mirror |
| 841.1 | 1 | Very short pointed scissors | 431.MT | 1 | Micro-Tech® narrow short-nose pliers |
| 840.1 | 1 | Electricians knife with wire stripper | 421 | 1 | "Electronics" short sheathed flat-nose pliers |
| 839A.0 | 1 | Desoldering pump | 403 | 1 | "Electronics" sheathed half round-nosed pliers |
| 835A | 1 | Spring hook | 402 | 1 | Sheathed half-round nose pliers |
| 826.0 | 1 | Mechanical retriever | 144 | 1 | Ultra-flat straight tweezers |
| 82H.JU10 | 10 | Wallet set of hexagonal keys 1/16" to 3/8" | 139 | 1 | End-cutting tweezers |



CU.AE53 145-piece cell maintenance set

- For overhaul and interventions on the cell: control surfaces, flap cylinders, structure of heavy carrier aircraft.
 - 145 tools.
- Weight: 12.880 kg



| | Qtyp | Set Description |
|---------------------|------|---|
| RB.40AU | 10 | Sockets 3/16" to 9/16" |
| R.240A | 1 | 1/4" universal joint |
| R.232 | 1 | Coupler 1/4" - 3/8" |
| R.236A | 1 | Short-reach spinner handle |
| R.235 | 5 | Bit-holder 1/4" |
| R.215 | 1 | 1/4" extension 150 mm long |
| R.210 | 1 | 1/4" extension 100 mm long |
| R.155A | 1 | 1/4" metal-grip "palm-control" ratchet |
| R.140A | 1 | Drive-hinged handle 1/4" |
| R.120A | 1 | Sliding tee |
| JB.41AU | 5 | Sockets 5/8" to 7/8" |
| JB.40AU | 6 | Sockets 1/4" to 9/16" |
| J.LA | 2 | Long-reach sockets 7/16" and 3/8" |
| J.F | 2 | Hinged sockets 7/16" and 3/8" |
| JB.11/32 | 1 | Sockets |
| J.240A | 1 | 3/8" universal joint |
| J.230 | 1 | Coupler 3/8" - 1/4" |
| J.215 | 1 | "Junior" extension 250 mm |
| J.210 | 1 | "Junior" extension 125 mm |
| J.155A | 1 | 3/8" metal-grip "palm-control" ratchet |
| J.145 | 1 | Metal-grip hinged handle |
| J.120A | 1 | Junior sliding tee |
| J.115 | 1 | Metal-grip speed brace |
| CLE.MDAM100A | 6 | Second cut locksmiths files |
| AV.HT2B | 1 | 110-250 V voltage tester screwdriver |
| ARZ.5,5 | 1 | Dual-size offset screwdriver |
| AFU.1 | 1 | Screw starter slotted heads |
| AN | 2 | Stubby screwdriver for Phillips® heads 2,5x75 and 3x75 mm |
| AWP | 3 | Screwdrivers for Phillips® heads 1x100 - 2x125 - 3x150 |
| AW | 4 | Screwdrivers for slotted heads 4x100 - 5,5x100 - 6,5x150 - 8x200 mm |
| AN6,5X35 | 1 | Stubby screwdriver for slotted heads 6,5x35 mm |
| ANPOX75 | 1 | Screwdrivers for Phillips® heads PH 0 |

| | Qtyp | Set Description |
|-------------------|------|---|
| APB | 1 | Short blade screwdriver Phillips® 1x40 - 2x 40 |
| 85.JU10 | 10 | Wallet set of hexagon keys 33 to 183 mm |
| 83H.JU10 | 10 | Wallet set of long-reach hexagonal keys 1/16" to 3/8" |
| 826.1 | 1 | Mechanical retriever |
| 805.1 | 1 | Vernier caliper to 1/10 mm |
| 803.300M | 1 | Flexible stainless 2-sided rule |
| 55A.JU8 | 8 | Ring wrenches 1/4" to 15/16" |
| 445.10R | 1 | Locking-wire pliers |
| 44.JU8 | 8 | Inch combination wrenches 1/4" to 1"1/4" |
| 192.16CPE | 1 | "Piano wire" diagonal cutters |
| 193.16CPE | 1 | Sheathed straight half-round nose "telephone" pliers |
| 188.16CPE | 1 | Sheathed flat-nose pliers |
| 180.CPE | 1 | Multigrip pliers |
| BV.21-10 | 1 | Soldering iron stand |
| 1230-30 | 1 | Soldering iron (20/40W) |
| 893.46 | 1 | Case tape measure 2m |
| 843 | 1 | Twin-blade electricians knife |
| 841 | 1 | Electricians scissors |
| 234 | 1 | Scriber |
| 150 | 1 | Standard straight tweezers |
| 34.JU13T | 13 | Roll set of open-end wrenches 3/16" to 11/16" |
| 256.2,5 | 1 | Precision centre punch |
| 248.JT7 | 7 | Long drift punches |
| 208A.32CBA | 1 | Plastic-tip mallet |
| 200H.28 | 1 | Graphite handle riveting hammer |
| 1830.1 | 1 | Extra-soft silk brush |
| ES.148T | 1 | Bits for slotted heads 8 mm |
| ES.136,5T | 1 | Bits for slotted heads 6,5 mm |
| ES.134T | 1 | Bits for slotted heads 4 mm |
| EP.102T | 1 | Bits for Phillips heads n°2 |
| EP.101T | 1 | Bits for Phillips heads n°1 |
| ACL.1A | 1 | Ratchet bit-driver |

□ CU.AE54 128-piece equipment maintenance set

- For interventions and fittings in the cockpit of airline and cargo aircraft: lighting, interior fixtures, seats, air conditioning circuits.
 - 128 tools
- Weight: 8.680 kg.

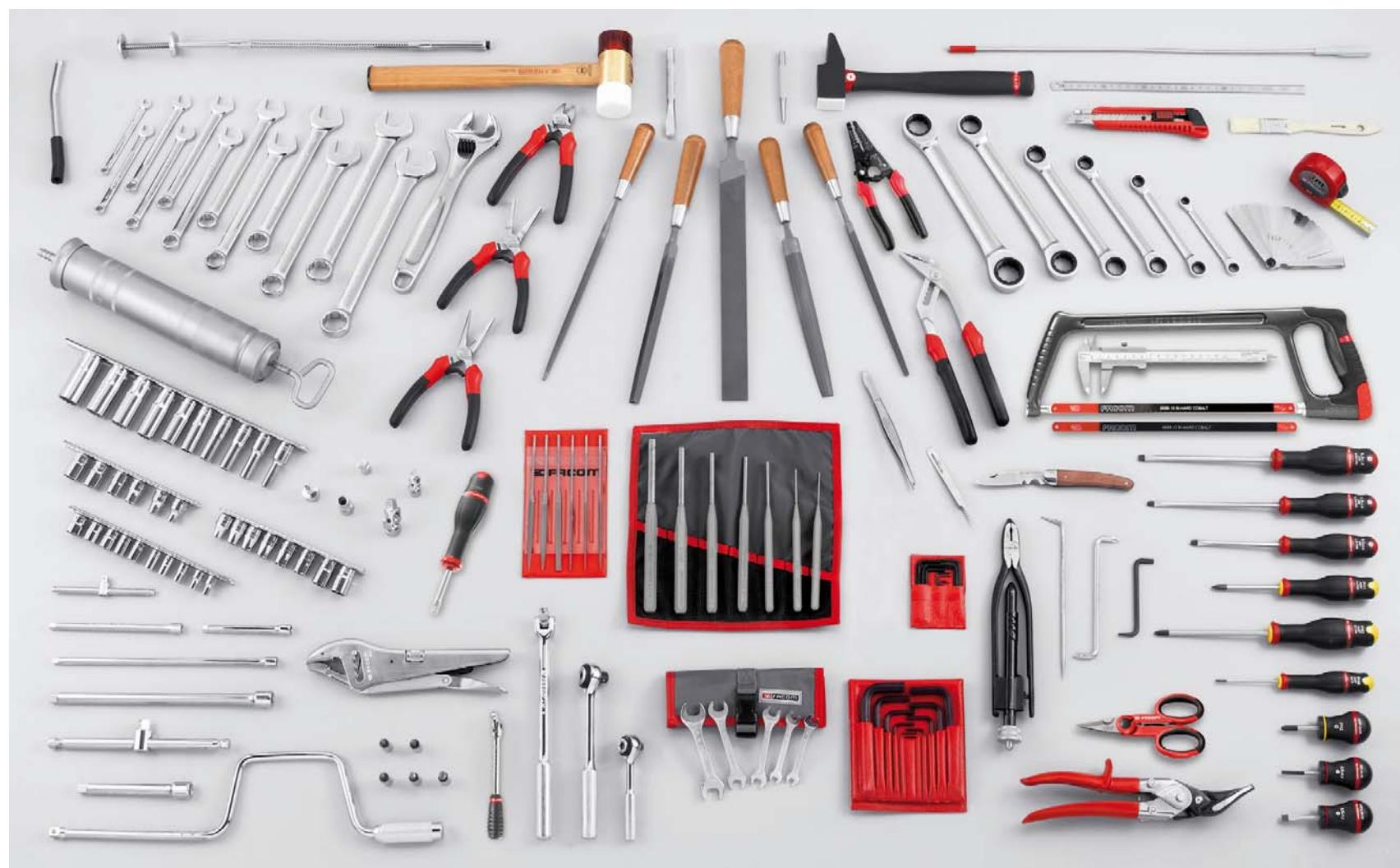


| Part No. | Qty | Set Description |
|-------------------|-----|---|
| 39.JU14T | 14 | Short combination wrenches 1/8" to 11/16" |
| 44 | 4 | Open-end wrenches: 1/2 x 9/16 - 3/4 x 13/16 - 5/8 x 11/16 - 7/8 x 15/16 |
| 34.JU13T | 13 | Roll set of open-end wrenches 3/16" to 11/16" |
| 64 | 3 | 12-point ratchet ring wrenches: 1/4 x 5/16 - 3/8 x 7/16 - 1/2 x 9/16 |
| R.120A | 1 | Sliding tee |
| R.210 | 1 | 100 mm extension |
| R.215 | 1 | 150 mm extension |
| R.240A | 1 | 1/4" universal joint |
| R.232 | 1 | Coupler 1/4" - 3/8" |
| J.210 | 1 | "Junior" extension 125 mm |
| J.215 | 1 | "Junior" extension 250 mm |
| J.240A | 1 | 3/8" universal joint |
| J.120A | 1 | Junior sliding tee |
| J.230 | 1 | Coupler 3/8" - 1/4" |
| J.LA | 2 | Junior long-reach sockets 3/8" and 7/16" |
| AW | 3 | Screwdrivers for slotted heads 4x100 - 5.5x150 - 6.5x150 |
| AN | 2 | Screwdrivers for slotted head 2.5x75 and 3.5x75 mm |
| AN4X35 | 1 | Stubby screwdriver 4 x 35 |
| ANPOX75 | 1 | Screwdriver for Phillips® PH head 0 |
| AWP2X125 | 3 | Screwdriver for Phillips® PH head 2 |
| ANP | 2 | Screwdrivers 1 x 35 and 2 x 35 mm |
| APZ.B | 1 | Offset screwdriver |
| A3,5X100VE | 1 | 1000 V insulated screwdriver for slotted head 3.5 x 100 mm |
| ARZ.5,5 | 1 | Dual-size offset screwdriver |
| 82H.JU10 | 10 | Wallet set of hexagonal keys 1/16" to 3/8" |
| 192.16CPE | 1 | "Piano wire" diagonal cutters |
| R.155A | 1 | 1/4" metal grip "palm control" ratchet |

| Part No. | Qty | Set Description |
|------------------|-----|--|
| J.155A | 1 | 3/8" metal grip "palm control" ratchet |
| R.140A | 1 | Drive-hinged handle 1/4" |
| J.145 | 1 | Metal-grip hinged handle |
| J.115 | 1 | Metal-grip speed brace |
| RB.40AU | 10 | Sockets 3/16" to 9/16" |
| JB.41AU | 5 | Sockets 5/8" to 7/8" |
| JB.40AU | 6 | Sockets 1/4" to 9/16" |
| 85.JU10 | 10 | Wallet set of hexagonal keys 33 to 183 mm |
| 188.16CPE | 1 | Sheathed flat-nose pliers |
| 193.16CPE | 1 | Sheathed straight half-round nose "telephone" pliers |
| 405.12 | 1 | Precision diagonal cutters |
| 1230.30 | 1 | Dual-rating soldering iron (20/40W) |
| BV.21-10 | 1 | Soldering iron stand |
| 839A.0 | 1 | Desoldering pump |
| 841A.4 | 1 | Bi-material electricians scissors |
| 843 | 1 | Twin-blade electricians knife |
| 248 | 3 | Long drift punches 2 - 3 - 4 mm |
| 256.2,5 | 1 | Precision centre punch |
| 234 | 1 | Scriber |
| 803.300M | 1 | Flexible stainless rule 300 mm |
| 836 | 1 | Pen light |
| 410.S | 1 | Connector pliers |
| 445.8R | 1 | Locking-wire pliers |
| 200H.26 | 1 | Graphite handle riveting hammer |
| JB.11/32 | 1 | Sockets |
| 841A.4 | 1 | Electrician scissors |
| 176A.CPY | 1 | Multigrip plier |

CU.AE56 167-piece stop-over mechanics set

- For interventions on motor, cell accessories, electrical equipment and circuits.
 - 167 tools.
- Weight: 16.960 kg.



| | Qty | Set Description |
|--------------------|-----|--|
| STG | 5 | File set |
| RB.40AU | 10 | Sockets 3/16" to 9/16" |
| R.240A | 1 | 1/4" universal joint |
| R.232 | 1 | Coupler 1/4" - 3/8" |
| R.236A | 1 | Short-reach spinner handle |
| R.235 | 5 | Bit holder 1/4" |
| R.217 | 1 | 1/4" extension 250 mm long |
| R.215 | 1 | 1/4" extension 150 mm long |
| R.210 | 1 | 1/4" extension 100 mm long |
| R.155A | 1 | 1/4" metal-grip "palm control" ratchet |
| R.140A | 1 | Drive-hinged handle 1/4" |
| R.120A | 1 | Sliding tee |
| JL.40U | 10 | Junior long-reach sockets 1/2" to 9/16" |
| JB.41AU | 5 | Sockets 5/8" to 7/8" |
| JB.40AU | 6 | Sockets 1/4" to 9/16" |
| J.240A | 1 | 3/8" universal joint |
| J.230 | 1 | Coupler 3/8" - 1/4" |
| J.215 | 1 | "Junior" extension 250 mm |
| J.210 | 1 | "Junior" extension 125 mm |
| J.155A | 1 | 3/8" metal-grip "palm control" ratchet |
| J.145 | 1 | Metal-grip hinged handle |
| J.120A | 1 | "Junior" sliding tee |
| J.115 | 1 | Metal-grip speed brace |
| AS.6L160T2A | 6 | Needle file wallet set |
| ARZ.5,5 | 1 | Round blade offset screwdriver |
| APZ.B | 1 | Dual-size offset screwdriver |
| ANP1X35 | 1 | Stubby screwdriver for Phillips® heads 1 |
| AWP | 2 | Screwdriver for Phillips® PH heads 1-2 |
| ANPOX75 | 1 | Screwdriver for Phillips® heads 0 |
| AW | 3 | Screwdrivers for slotted head 4x100 - 5.5x150 and 6.5x150 mm |
| AN | 4 | Stubby screwdrivers 4x35 - 6.5x3 - 2x75 - 3x75 mm |
| 882A | 1 | Scroll shears |
| 85.JU10 | 10 | Wallet set of hexagonal keys 33 to 183 mm |
| 884.S18 | 1 | 18 mm snap-off blade cutter |
| 841A.4 | 1 | Bi-material electricians scissors |

| | Qty | Set Description |
|-------------------|-----|---|
| 840.1 | 1 | Electricians knife with wire stripper |
| 827.1 | 1 | Extra-slim magnetic retrievers |
| 826.1 | 1 | Mechanical retriever |
| 82H.JU10 | 10 | Wallet set of hexagonal keys 1/16" to 3/8" |
| 805.1 | 1 | Vernier caliper to 1/10 mm |
| 803.300M | 1 | Flexible stainless 2-sided rule |
| 64 | 6 | Ring wrenches: 1/2x9/16" - 1/4x5/16" - 3/4x13/16" - 3/8x7/16" - 5/8x11/16" - 7/8x15/16" |
| 668B.12 | 10 | Pack of ten 12 teeth/cm bimetal blades |
| 445.10R | 1 | Locking-wire pliers |
| 440.JU12 | 12 | Combination wrenches 1/4" to 15/16" |
| 192.16CPE | 1 | "Piano wire" diagonal cutters |
| 256.4 | 1 | 4 mm precision centre punch |
| 263.G19 | 1 | Chisel |
| 248.JT7 | 7 | Long drift punches 2 to 10 mm |
| 22.JU5T | 5 | Roll set of miniature open-end wrenches 3/16" to 9/16" |
| 208A.40CBA | 1 | Heavyweight series adaptable tip mallet |
| 200H.32 | 1 | Graphite handle riveting hammer |
| 193.16CPE | 1 | Sheathed straight half-round nose "telephone" pliers |
| 188.16CPE | 1 | Sheathed flat-nose pliers |
| 1830.1 | 1 | Extra-soft silk brush |
| 180.CPE | 1 | Multigrip plier |
| 142.1 | 1 | Straight-shouldered tweezers |
| 113A.10C | 1 | 10" adjustable wrench |
| 893.316 | 1 | Case tape measure 3m |
| 804 | 1 | 19 blade feeler gauge |
| 603F | 1 | Hacksaw frame |
| 500 | 1 | Lock-grip pliers |
| 376A | 1 | Manual oil syringe |
| 234 | 1 | Scriber |
| 163 | 1 | Wire cutter and stripper |
| 154 | 1 | Straight tweezers |
| JB.11/32 | 1 | Sockets |
| ES.T | 5 | Bits 101 - 102 - 134 - 136,5 - 148 |

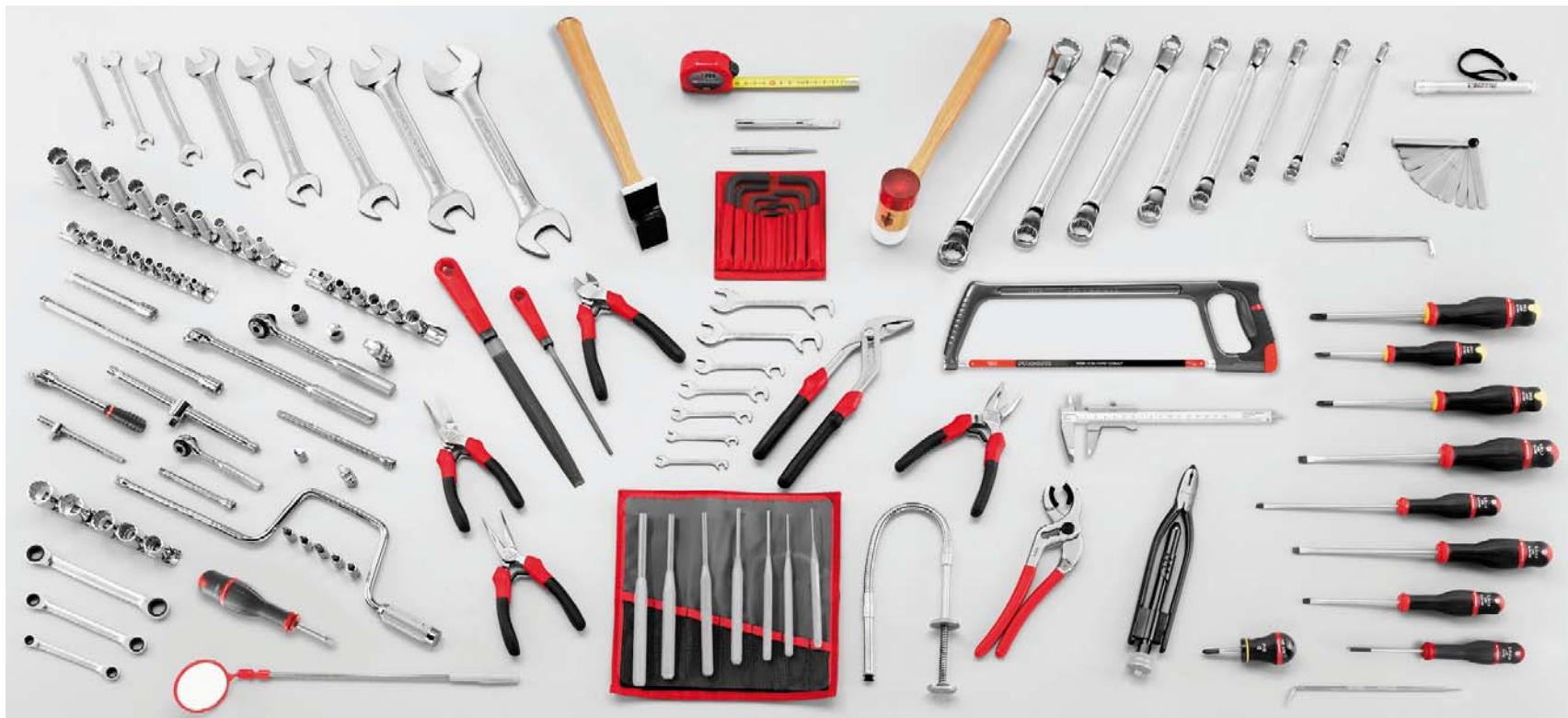
□ JETGXL.UAE56 CU.AE56 set supplied in foam modules and JET.8GM3S

- CU.AE56 stopover mechanics set supplied in foam modules and JET.8GM3S



□ CU.AE57 127-piece major check set

- For periodical major checks on engines, trains, cells, hydraulic systems of wide-bodied aircraft: Airbus, Boeing, Mc Donnel Douglas.
 - 127 tools.
- Weight: 14.430 kg.



| Part No. | Qty | Set Description | Part No. | Qty | Set Description |
|-----------------|-----|---|---------------------|-----|--|
| RB.40AU | 10 | Sockets 3/16" to 9/16" | AN3X75 | 1 | Screwdriver for slotted heads 3x75 mm |
| R.155A | 1 | "Radio" metal-grip ratchet | APZ.B | 1 | Offset screwdriver for Phillips® heads |
| R.140A | 1 | Drive-hinged handle 1/4" | 180.CPE | 1 | Multigrip pliers |
| R.120A | 1 | Sliding tee | 188.16CPE | 1 | Sheathed flat-nose pliers |
| R.236A | 1 | Short-reach spinner handle | 193.16CPE | 1 | Sheathed straight half-round nose "telephone" pliers |
| R.240A | 1 | 1/4" universal joint | 187.16CPE | 1 | Sheathed universal pliers |
| R.210 | 1 | 100 mm extension | 192.16CPE | 1 | "Piano wire" diagonal cutters |
| R.215 | 1 | 150 mm extension | 410.S | 1 | Connector pliers |
| R.232 | 1 | Coupler 1/4" - 3/8" | 445.10R | 1 | Locking-wire pliers |
| JB.41AU | 5 | Sockets 5/8" to 7/8" | 805.1 | 1 | Vernier caliper to 1/10 mm |
| JB.40AU | 6 | Sockets 1/4" to 9/16" | 804 | 1 | 19 blade feeler gauge |
| JL.40U | 10 | "Junior" long-reach sockets 1/4" to 13/16" | 234 | 1 | Scriber |
| J.155A | 1 | "Junior" metal-grip ratchet | 893.316 | 1 | Case tape measure 3m |
| J.115 | 1 | Metal-grip speed brace | 200H.32 | 1 | Graphite handle riveting hammer |
| J.145 | 1 | Metal-grip hinged handle | 208A.40CBA | 1 | Heavyweight series adaptable tip mallet |
| J.120A | 1 | "Junior" sliding tee | 248.JT7 | 7 | Long drift punches 2 to 10 mm |
| J.210 | 1 | "Junior" extension 125 mm | 256.2,5 | 1 | Precision centre punch |
| J.215 | 1 | "Junior" extension 250 mm | 263.619 | 1 | Chisel |
| J.240A | 1 | 3/8" universal joint | 826.1 | 1 | Mechanical retriever |
| J.230 | 1 | Coupler 3/8" - 1/4" | 834.R2 | 1 | Articulated mirror |
| 44.JU8 | 8 | Open-end wrenches 1/4" to 1"1/4" | 836 | 1 | Pen light |
| 34 | 7 | Open end wrenches 1/4" - 11/16" - 3/8" - 5/16" - 5/8" - 7/16" - 9/32" | DRD.MD200EMA | 1 | Half-round second-cut file 200 mm |
| 55A.JU8 | 8 | Ring wrenches 1/2x9/16" to 7/8x15/16" | RD.MD150EMA | 1 | Half-round second-cut file 150 mm |
| 64 | 3 | Ring wrenches: 1/2x9/16" - 1/4x5/16" - 3/8x7/16" | 603F | 1 | Hacksaw frame |
| 82H.JU10 | 10 | Wallet set of hexagonal keys 1/16" to 3/8" | JB.11/32 | 1 | Sockets |
| AWP | 3 | Screwdriver for Phillips® heads 1-2-3 | APB.2X40 | 1 | Short blade screwdriver Phillips® 2x40 |
| AW | 4 | Screwdrivers for slotted heads 4x100 - 5.5x150 - 6.5x150 - 8x200 mm | ES.T | 3 | Bits 134 - 136,5 - 148 |
| | | | EP.T | 2 | Bits 101 - 102 |
| | | | R.235 | 5 | Bit-holder 1/4" |

CU.AE10 118-piece engine cell set

- 118 tools.
- Weight: 11.920 kg.



| | Qtys | Set Description |
|------------------|------|---|
| RB.40AU | 10 | Sockets 3/16" to 9/16" |
| R.155A | 1 | "Radio" metal-grip ratchet |
| R.140A | 1 | Drive-hinged handle 1/4" |
| R.120A | 1 | Sliding tee |
| R.210 | 1 | 100 mm extension |
| R.215 | 1 | 150 mm extension |
| R.240A | 1 | 1/4" universal joint |
| R.232 | 1 | Coupler 1/4" - 3/8" |
| JB.41AU | 5 | Sockets 5/8" to 7/8" |
| JB.40AU | 6 | Sockets 1/4" to 9/16" |
| JB.11/32 | 1 | Sockets |
| J.155A | 1 | "Junior" metal-grip ratchet |
| J.145 | 1 | Metal-grip hinged handle |
| J.115 | 1 | Metal-grip speed brace |
| J.120A | 1 | "Junior" sliding tee |
| J.210 | 1 | "Junior" extension 125 mm |
| J.215 | 1 | "Junior" extension 250 mm |
| J.240A | 1 | 3/8" universal joint |
| J.230 | 1 | Coupler 3/8" - 1/4" |
| JL.40U | 10 | "Junior" long-reach sockets 1/2" to 9/16" |
| 440.JU17T | 17 | 1/4" to 1" 1/4" combination wrench wallet set |
| 34.JU13T | 13 | Roll set of open-end wrenches 3/16" to 11/16" |
| 87H.JU8 | 8 | Short hexagonal key ring-set |

| | Qtys | Set Description |
|-------------------|------|--|
| AN5,5X35 | 1 | Stubby screwdriver for slotted heads 5,5x35 mm |
| AWP | 2 | Screwdriver for Phillips® heads PH 1x100 - 2x125 |
| AW | 4 | Screwdrivers for slotted head 4x100 - 5,5x100 - 6,5x150 - 8x200 mm |
| AN3X75 | 1 | Screwdriver for slotted heads 3 x 75 mm |
| 180.CPE | 1 | Multigrip plier |
| 188.20CPE | 1 | Sheathed flat-nose pliers |
| 193.16CPE | 1 | Sheathed straight half-round nose "telephone" pliers |
| 192.16CPE | 1 | "Piano wire" diagonal cutters |
| 445.10R | 1 | Locking-wire pliers |
| 803.300M | 1 | Flexible stainless 2-sided rule |
| 804 | 1 | 19 blade feeler gauge |
| 805.1 | 1 | Vernier caliper to 1/10 mm |
| 200H.28 | 1 | Graphite handle riveting hammer |
| 208A.32CBA | 1 | Plastic-tip mallet |
| 256.2,5 | 1 | Precision centre punch |
| 248.JT7 | 7 | Long drift punches 2 to 10 mm |
| 234 | 1 | Scriber |
| 834.R1 | 1 | Articulated mirror |
| 827.1 | 1 | Magnetic retriever |
| 836 | 1 | Pen light |
| APB.2X40 | 1 | Short blade screwdriver Phillips® 2x40 |
| ANPOX75 | 1 | Screwdriver Phillips® n°0 |
| ACL.1A | 1 | Ratchet bit-driver 1/4" |

□ CM.AE22 115-piece maintenance mechanics set

- 115 tools.
- Weight: 13.750 kg.



| Code | Qty | Set Description |
|----------|-----|---|
| 440.JE14 | 14 | Combination wrenches 7 to 24 mm |
| 55A.JE8 | 8 | Ring wrenches 8 to 26 mm |
| 113A.10C | 1 | 10" adjustable wrench |
| R.120A | 1 | Sliding tee |
| R.236A | 1 | Short-reach spinner handle 155 mm |
| R.210 | 1 | 1/4" extension 100 mm long |
| R.215 | 1 | 1/4" extension 150 mm long |
| R.240A | 1 | 1/4" universal joint |
| R.232 | 1 | Coupler 1/4" - 3/8" |
| R.155A | 1 | "Radio" metal-grip ratchet |
| R.140A | 1 | Drive-hinged handle 1/4" |
| RB.40AE | 10 | "Radio" sockets 5.5 to 14 mm |
| J.155A | 1 | "Junior" metal-grip ratchet |
| J.145 | 1 | Metal-grip hinged handle |
| J.115 | 1 | Metal-grip speed brace |
| J.120A | 1 | Sliding tee |
| J.210 | 1 | 3/8" extension 125 mm long |
| J.215 | 1 | 3/8" extension 250 mm long |
| J.240A | 1 | 3/8" universal joint |
| J.230 | 1 | Coupler 3/8" - 1/4" |
| JB.40AE | 8 | "Junior" sockets 7 to 14 mm |
| JB.41AE | 6 | "Junior" sockets 15 to 21 mm |
| AN3X75 | 1 | Screwdriver for slotted head 3x75 mm |
| AWH | 4 | Screwdrivers for slotted heads 6,5x150 - 8x175 mm |
| AN | 2 | Screwdrivers for slotted heads 4x100 - 6,5x125 mm |
| ANP | 1 | Short blade screwdrivers Phillips® PH 1x100 - 2x125 - 3x150mm |

| Code | Qty | Set Description |
|--------------|-----|--|
| AFU.1 | 1 | Screw starter for slotted heads |
| AFUX.1 | 1 | Screw starter for cross-heads |
| AKZ.6 | 1 | Offset screwdriver for slotted heads |
| APZ.B | 1 | Offset screwdriver for Phillips® heads |
| 82.JL10 | 10 | Hexagon keys |
| 180.CPE | 1 | Multigrip pliers |
| 188.16CPE | 1 | Sheathed flat-nose pliers |
| 193.16CPE | 1 | Sheathed straight half-round nose "telephone" pliers |
| 192.16CPE | 1 | "Piano wire" diagonal cutters |
| 187.16CPE | 1 | Sheathed universal pliers |
| 507A | 1 | Compact lock-grip pliers |
| 985.ST | 1 | Shears |
| 603F | 1 | Hacksaw frame |
| CLE.MDAM100A | 6 | Second cut locksmiths files |
| 200H.28 | 1 | Graphite handle riveting hammer |
| 208A.32CBA | 1 | Plastic-tip mallets |
| 256.2,5 | 1 | Precision centre punch |
| 262A | 2 | Forged chisels 15 and 18 mm |
| 234 | 1 | Scriber |
| 893.316 | 1 | Case tape measure 3m |
| 803.300M | 1 | Stainless 2-sided rule |
| 804 | 1 | 19 blade feeler gauge |
| 836 | 1 | Pen light |
| 410.S | 1 | Connector pliers |
| 445.10R | 1 | Locking-wire pliers |

CM.AE21 97-piece instruments electrician set

- For servicing and interventions on electric controls, flight instruments, optical and firing equipment (fighters, bombers...).
 - 97 tools.
- Weight: 6.940 kg.



| | Qty | Set Description |
|-------------------|-----|---|
| 39.JE16T | 16 | Roll set of combination wrenches 3.2 to 17 mm |
| 34 | 6 | Open-end wrenches 3.2 - 4 - 5 - 5.5 - 6 - 7 mm |
| R.120A | 1 | Sliding tee |
| R.236A | 1 | Short-reach spinner handle |
| R.210 | 1 | 100 mm extension |
| R.215 | 1 | 150 mm extension |
| R.240A | 1 | 1/4" universal joint |
| R.140A | 1 | Drive-hinged handle 1/4" |
| AN | 4 | Screwdrivers for slotted heads 2,5x75 - 3x75 - 4x100 - 5,5x125 mm |
| AN4X35 | 1 | Stubby screwdriver for slotted head 4x35 mm |
| ANP | 2 | Screwdriver for Phillips® head PH 0x75 - 1x25 - 1x100 - 2x125 mm |
| AWH6,5X150 | 1 | Screwdrivers for slotted heads 6,5x150 mm |
| ARZ.4 | 1 | Round blade offset screwdriver 4 mm |
| APZ.A | 1 | Dual-size offset screwdriver for Phillips® heads |
| 82.JL10 | 10 | Hexagon keys |
| 193.16CPE | 1 | Sheathed straight half-round nose "telephone" pliers |
| 181.18CPE | 1 | Locking twin slip-joint multigrip pliers |
| 405.12 | 1 | Precision diagonal cutters |
| 431.MT | 1 | Short-nose pliers |
| 401 | 1 | Flat-nose pliers |

| | Qty | Set Description |
|--------------------|-----|---|
| 402 | 1 | Sheathed half-round nose pliers |
| 403 | 1 | "Electronics" sheathed half-round nose pliers |
| 1230.30 | 1 | Soldering iron 30W |
| BV.21-10 | 1 | Soldering iron stand |
| 200H.26 | 1 | Graphite handle riveting hammer |
| 839A.0 | 1 | Desoldering pump |
| 841A.4 | 1 | Bi-material electricians scissors |
| 840.1 | 1 | Electricians knife with wire stripper |
| AS.6L160T2A | 6 | Needle file wallet set |
| 803.300M | 1 | Flexible stainless 2-sided rule |
| 804 | 1 | 19 blade feeler gauge |
| AEF.J3 | 8 | "Micro-Tech®" screwdrivers with case |
| 149 | 1 | Straight tweezers |
| R.155A | 1 | "Radio" metal-grip ratchet |
| RB.40AE | 10 | "Radio" sockets 5.5 to 14 mm |
| 834.R1 | 1 | Articulated mirror |
| 826.0 | 1 | Mechanical retriever |
| 836 | 1 | Pen light |
| 1830.1 | 1 | Extra-soft silk brush |
| 445.8R | 1 | Locking-wire pliers |