

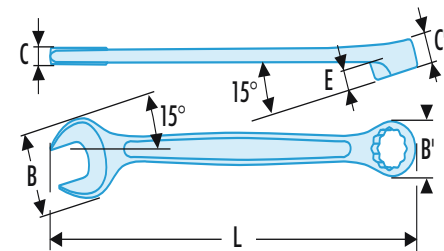
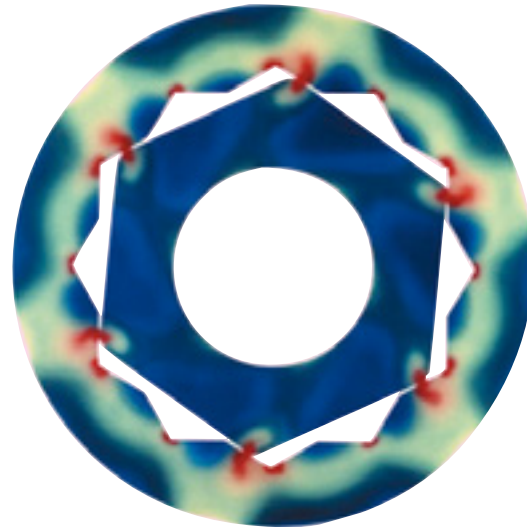
# Combination wrenches

## 440 OGV® metric and inch combination wrenches

▷ Industrial and automotive : ISO 691, NF ISO 691, ISO 7738, NF ISO 7738, ISO 3318, NF ISO 3318, ISO 1711-1, NF ISO 1711-1, NF E74-306.

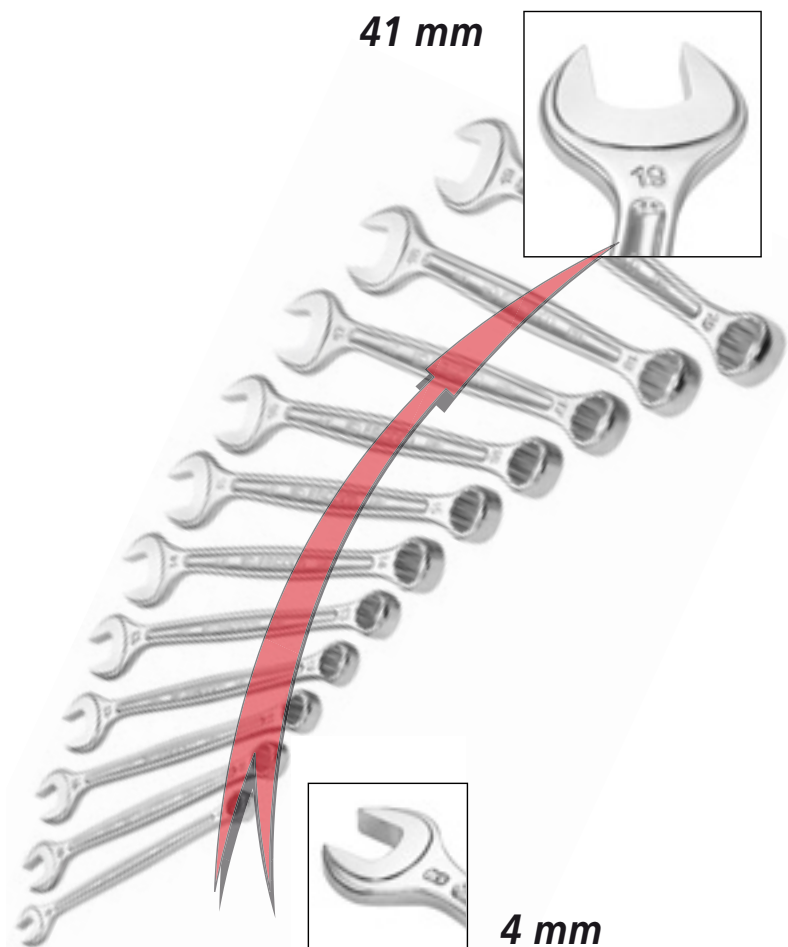
▷ Aerospace : SAE AS 954E.

- Wide range of openings :
  - Metric sizes : 4 to 41 mm.
  - Inch sizes : 1/4" to 1 1/2".
- High mechanical performance combined with compact design complying with aeronautical standards :
  - Ring head :
    - Ring clearance (dimension E) designed for better access to recessed or closely spaced screws.
    - 12-point OGV profile for a high torque without damaging the nut / prefix H : 6-point ring.
    - Angled at 15°.
  - Open-end :
    - Optimised open end / handle geometry for increased accessibility.
    - Ground contact faces.
    - Satin chrome finish.



| mm       | "          | C'   | B'   | L   | B    | C    | E    | ΔΔ   |
|----------|------------|------|------|-----|------|------|------|------|
| mm       |            | mm   | mm   | mm  | mm   | mm   | mm   | g    |
| 440.4H   |            | 3,5  | 7,8  | 106 | 10   | 3    | 2,1  | 7    |
| 440.5H   |            | 6,0  | 9,2  | 115 | 13,3 | 3,6  | 3,1  | 16   |
| 440.5,5H |            | 6,0  | 9,2  | 115 | 13,3 | 3,8  | 3,1  | 17   |
| 440.6    | 440.1/4    | 6,0  | 10,0 | 115 | 14,1 | 3,8  | 3,1  | 17   |
| 440.7    |            | 6,2  | 11,2 | 122 | 17,2 | 3,9  | 3,4  | 21   |
| 440.8    | 440.5/16   | 6,7  | 12,8 | 133 | 19,2 | 4,7  | 3,5  | 29   |
| 440.9    | 440.11/32  | 7,1  | 14,2 | 138 | 21,2 | 4,7  | 3,9  | 34   |
| 440.10   | 440.3/8    | 7,6  | 15,0 | 145 | 23   | 5,2  | 4,2  | 42   |
| 440.11   | 440.7/16   | 8,1  | 16,9 | 155 | 24,5 | 5,5  | 4,6  | 49   |
| 440.12   |            | 8,4  | 18,0 | 162 | 27   | 5,8  | 4,4  | 57   |
| 440.13   | 440.1/2    | 8,6  | 19,3 | 170 | 28,7 | 6,1  | 4,8  | 70   |
| 440.14   | 440.9/16   | 9,5  | 21,1 | 180 | 31   | 6,4  | 5,7  | 82   |
| 440.15   |            | 10,0 | 22,2 | 185 | 32,6 | 6,8  | 5,9  | 95   |
| 440.16   | 440.5/8    | 10,5 | 23,9 | 195 | 35,6 | 7,3  | 6,4  | 113  |
| 440.17   | 440.11/16  | 10,9 | 25,3 | 202 | 37   | 7,6  | 6,5  | 127  |
| 440.18   |            | 11,4 | 26,0 | 208 | 38,7 | 8,1  | 7,2  | 146  |
| 440.19   | 440.3/4    | 11,9 | 27,8 | 216 | 41,2 | 8,3  | 7,2  | 167  |
| 440.20   | 440.13/16  | 12,3 | 29,5 | 224 | 43,1 | 8,6  | 6,3  | 184  |
| 440.21   |            | 12,8 | 30,9 | 233 | 45,4 | 8,8  | 7,8  | 205  |
| 440.22   | 440.7/8    | 13,3 | 32,3 | 248 | 46,9 | 9    | 8,3  | 230  |
| 440.23   |            | 13,8 | 33,6 | 257 | 49   | 9,3  | 8,7  | 254  |
| 440.24   | 440.15/16  | 14,2 | 35,0 | 267 | 51   | 9,7  | 8,9  | 289  |
| 440.25   | 440.1"     | 14,7 | 36,4 | 274 | 53   | 9,9  | 9,4  | 311  |
| 440.26   |            | 15,1 | 37,8 | 285 | 55,5 | 10,1 | 9,8  | 342  |
| 440.27   | 440.1 1/16 | 15,6 | 39,2 | 295 | 58   | 10,4 | 8,9  | 376  |
| 440.28   | 440.1 1/8  | 16,1 | 40,6 | 305 | 60,7 | 10,7 | 10,6 | 416  |
| 440.29   |            | 16,6 | 42,0 | 320 | 63   | 11,2 | 10,8 | 473  |
| 440.30   |            | 17,1 | 43,5 | 340 | 65   | 11,5 | 11,2 | 531  |
| 440.32   | 440.1 1/4  | 18,0 | 46,1 | 355 | 68   | 12,5 | 11,5 | 639  |
| 440.33   | 440.1 5/16 | 18,5 | 47,0 | 380 | 69,8 | 12,8 | 11,8 | 716  |
| 440.34   |            | 19,0 | 48,9 | 390 | 72   | 13   | 12,8 | 741  |
| 440.35   | 440.1 3/8  | 19,5 | 51,0 | 430 | 74,3 | 13,5 | 12,8 | 888  |
| 440.36   | 440.1 7/16 | 20,0 | 53,0 | 440 | 76   | 14   | 13,2 | 941  |
| 440.38   | 440.1 1/2  | 22,0 | 56,0 | 450 | 80   | 15,2 | 14,1 | 1128 |
| 440.41   |            | 23,0 | 58,3 | 460 | 85   | 16   | 14,7 | 1286 |

41 mm



4 mm



## New 440 combination wrench

### UNCOMPROMISING PRODUCTION AND INSPECTION

- Facom has designed a wrench that is optimised for users and their needs : The optimised shape of the 440 wrench combines power, comfort and agility. In order to produce this complex shape, Facom has developed a special manufacturing process involving new technologies.
- Each production batch undergoes dimensional inspection, as well as static and fatigue mechanical performance, wear and corrosion resistance testing.



Endurance test under load

