

## MECHANIC OFFSET WRENCH SET, LONG TYPE (45° × 10°)

Models **M446**

Contents **6 Items**

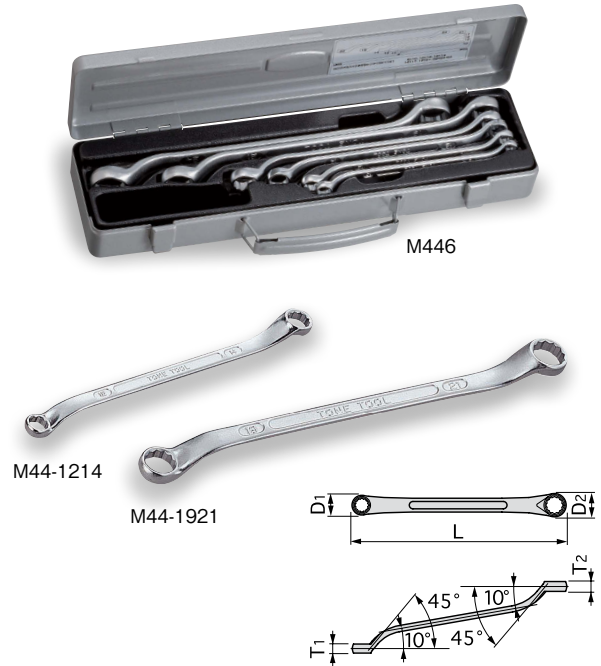
| Models          | M44- | 0810   | 1012    | 1214    | 1417    | 1921    | 2224    |
|-----------------|------|--------|---------|---------|---------|---------|---------|
| Across Flat(mm) |      | 8 × 10 | 10 × 12 | 12 × 14 | 14 × 17 | 19 × 21 | 22 × 24 |

- Tool case : MCT2
- Tray : TCB027
- Package size : w406 x d120 x h60mm
- Weight : 2.1kg • Qty./Carton : 6

## MECHANIC OFFSET WRENCH, LONG TYPE (45° × 10°)

| Models    | Across Flat (mm) | Dimensions (mm) |                |                |                |     | Qty./Carton |                | Weight (g) |
|-----------|------------------|-----------------|----------------|----------------|----------------|-----|-------------|----------------|------------|
|           |                  | D <sub>1</sub>  | D <sub>2</sub> | T <sub>1</sub> | T <sub>2</sub> | L   | (Generally) | (Store Center) |            |
| M44-5.507 | 5.5 × 7          | 10.0            | 11.5           | 5.0            | 5.5            | 151 | 10          | 10             | 30         |
| M44-0810  | 8 × 10           | 13.0            | 15.5           | 6.0            | 6.5            | 184 | 10          | 10             | 50         |
| M44-1012  | 10 × 12          | 15.5            | 18.0           | 6.5            | 7.5            | 194 | 10          | 10             | 70         |
| M44-1013  | 10 × 13          | 15.5            | 19.0           | 6.5            | 8.0            | 196 | 10          | 10             | 65         |
| M44-1113  | 11 × 13          | 16.5            | 19.0           | 7.0            | 8.0            | 198 | 10          | 10             | 70         |
| M44-1214  | 12 × 14          | 18.0            | 21.0           | 7.5            | 8.5            | 219 | 10          | 10             | 110        |
| M44-1317  | 13 × 17          | 19.0            | 25.0           | 8.0            | 9.5            | 247 | 10          | 10             | 130        |
| M44-1417  | 14 × 17          | 21.0            | 25.0           | 8.5            | 9.5            | 248 | 10          | 10             | 140        |
| M44-1719  | 17 × 19          | 25.0            | 27.5           | 9.5            | 10.5           | 279 | 10          | 10             | 195        |
| M44-1921  | 19 × 21          | 27.5            | 29.5           | 10.5           | 11.5           | 306 | 10          | 10             | 260        |
| M44-2224  | 22 × 24          | 31.5            | 34.5           | 12.0           | 13.5           | 323 | 10          | 10             | 310        |
| M44-2427  | 24 × 27          | 34.5            | 37.5           | 13.5           | 15.0           | 350 | 10          | 10             | 420        |

Long offset wrench (45°) with low-angle head design (10°) allows working in confined space even with obstacles. The ring head allows force to separate equally and makes bolt/nut difficult to slip off even when using heavy force. Long offset wrench set (45°×10°) that comes with satin-finish tray and a metal case.



## OFFSET WRENCH SET, SHORT TYPE (45°)

Models **M465**

Contents **5 Items**

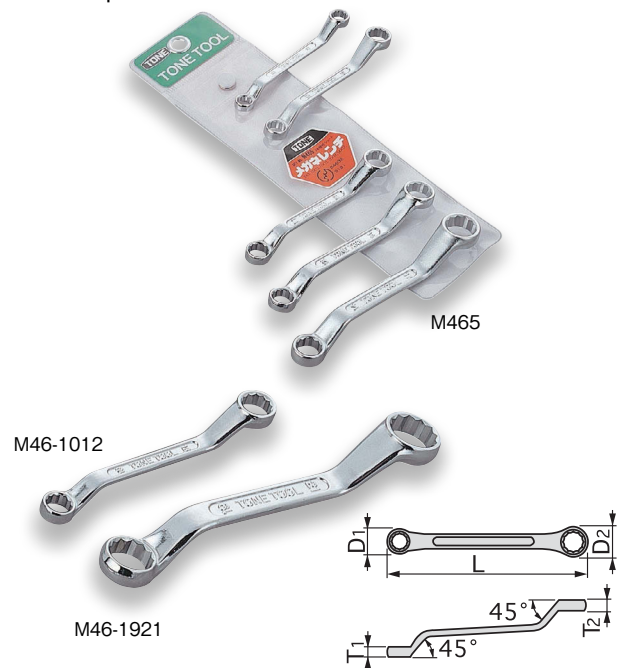
| Models          | M46- | 0809  | 1012    | 1113    | 1214    | 1417    |
|-----------------|------|-------|---------|---------|---------|---------|
| Across Flat(mm) |      | 8 × 9 | 10 × 12 | 11 × 13 | 12 × 14 | 14 × 17 |

- Packaged in a plastic case.
- Weight : 0.25kg • Qty./Carton : 1

## OFFSET WRENCH, SHORT TYPE (45°)

| Models    | Across Flat (mm) | Dimensions (mm) |                |                |                |     | Qty./Carton |                | Weight (g) |
|-----------|------------------|-----------------|----------------|----------------|----------------|-----|-------------|----------------|------------|
|           |                  | D <sub>1</sub>  | D <sub>2</sub> | T <sub>1</sub> | T <sub>2</sub> | L   | (Generally) | (Store Center) |            |
| M46-5.507 | 5.5 × 7          | 10.0            | 11.5           | 5.0            | 5.5            | 104 | 10          | 10             | 20         |
| M46-0809  | 8 × 9            | 13.0            | 14.5           | 5.5            | 6.0            | 105 | 10          | 10             | 20         |
| M46-0810  | 8 × 10           | 13.0            | 15.5           | 5.5            | 6.5            | 108 | 10          | 10             | 20         |
| M46-1012  | 10 × 12          | 15.5            | 18.0           | 6.5            | 7.5            | 115 | 10          | 10             | 35         |
| M46-1113  | 11 × 13          | 16.5            | 19.0           | 7.0            | 7.5            | 115 | 10          | 10             | 40         |
| M46-1214  | 12 × 14          | 18.0            | 21.0           | 7.5            | 8.5            | 130 | 10          | 10             | 55         |
| M46-1417  | 14 × 17          | 21.0            | 25.5           | 8.5            | 9.5            | 147 | 10          | 10             | 80         |
| M46-1921  | 19 × 21          | 28.0            | 30.0           | 10.5           | 11.5           | 175 | 10          | 10             | 150        |

With 45° offset and short body, making it possible to work in a confined space with obstacles.



## TOOL CASE (METAL)

Models **MCT1, MCT2, MCT3**

Turn to P113 for more information.



## CAUTION

- Use wrench suitably fitted with bolt / nut.
- Avoid giving shock by hitting with hammer etc.