

# 1/2" Air Impacttools™

## 231C-AP-Ring-type anvil

- Introduced over 25 years ago
  - Most popular in the world
  - Twin-hammer impact mechanism
  - 813 Nm(600 ft-lb), reverse bias
  - Steel hammer case
  - 5-position power regulator
- Accessories: 231-BOOT, Protective tool boot.



## 231HA-Ring-type anvil 231HA-2-50mm anvil/ring

- 800Nm (590ft-lb), reverse bias
  - Handle exhaust
  - Twin-hammer impact mechanism
- Accessories: 231-BOOT, Protective tool boot



## E131-Ring-type anvil

- 678Nm(500ft-lb), reverse bias
- Front exhaust
- Twin-hammer impact mechanism
- Efficient performance at Economical price



## 244A-Ring-type anvil 244A-2-50mm anvil/ring

- 678 Nm (500ft-lb), non-biased
  - Front exhaust
  - Twin-Hammer impact Mechanism
- Accessories: 244-BOOT, Protective tool boot



## 232TGSL-Ring-type anvil

- 10,000 rpm, fastest 1/2" impact tool
  - 847Nm(625ft-lb), reverse bias
  - Twin-Hammer impact mechanism
- Protective tool boot 232TGSL-P32 comes standard



## 131S-EA-Ring-type anvil

- 610Nm(450 ft-lb), reverse bias
- Handle exhaust
- Twin-Hammer impact mechanism
- 5-position power regulator



### Specifications at 6.2 bar (90 psi)

|                 | Nm                   | Max. Nm | 1 min. rpm | 1 min. | kg   | L mm | AIR NPTF | AIR mm | L/s | Max L/s | dB(A) | m/s <sup>2</sup> / K(°) |
|-----------------|----------------------|---------|------------|--------|------|------|----------|--------|-----|---------|-------|-------------------------|
| <b>1/2" ■</b>   |                      |         |            |        |      |      |          |        |     |         |       |                         |
| 2135QPTiMAX-AP  | 68-746*              | 1 057   | 9 800      | 1 250  | 1.84 | 187  | 1/4"     | 10     | 2.4 | 11.3    | 94.2  | 13.3 / 4.6              |
| 2135QTiMAX-AP   | 68-746*              | 1 057   | 9 800      | 1 250  | 1.84 | 187  | 1/4"     | 10     | 2.4 | 11.3    | 94.2  | 13.3 / 4.6              |
| 2135QTi-2MAX-AP | 68-746*              | 1 057   | 9 800      | 1 250  | 2.05 | 241  | 1/4"     | 10     | 2.4 | 11.3    | 94.2  | 9.7 / 1.8               |
| 2135Qi          | 68-680*              | 935     | 8 900      | 1 250  | 1.90 | 187  | 1/4"     | 10     | 2.4 | 11.3    | 95.5  | 13.3 / 4.6              |
| 2130AP          | 34-474*              | 816     | 9 500      | 1 200  | 1.90 | 187  | 1/4"     | 10     | 2.1 | 10.4    | 94.3  | 8.9 / 2.0               |
| 2130XP-TL       | 47-75 <sup>(2)</sup> | 816     | 7 800      | 1 150  | 1.90 | 187  | 1/4"     | 10     | 2.1 | 14.2    | 94.4  | 10.0 / 1.5              |
| 231GXP          | 34-407*              | 610     | 8 000      | 1 200  | 2.63 | 185  | 1/4"     | 10     | 2.0 | 10.3    | 91.5  | 6.3 / 2.1               |
| 236             | 34-271               | 610     | 7 400      | 1 200  | 2.40 | 180  | 1/4"     | 10     | 2.0 | 11.3    | 90.3  | 12.0 / 1.0              |
| 2125PTiMAX-AP   | 34-340*              | 450     | 15 000     | 1 500  | 1.14 | 155  | 1/4"     | 10     | 1.9 | 8.0     | 93.2  | 7.5 / 1.8               |
| 2125QTiMAX-AP   | 34-340*              | 450     | 15 000     | 1 500  | 1.14 | 155  | 1/4"     | 10     | 1.9 | 8.0     | 93.2  | 7.5 / 1.8               |
| 2125Qi          | 34-310*              | 410     | 15 000     | 1 500  | 1.14 | 155  | 1/4"     | 10     | 1.9 | 8.0     | 94.0  | 7.5 / 1.8               |
| 2025MAX         | 61-190*              | 244     | 7 100      | 2 100  | 1.54 | 332  | 1/4"     | 10     | 1.7 | 9.0     | 96.6  | 17.4 / 3.0              |
| 231C-AP         | 34-475               | 813*    | 8,000      | 1,200  | 2.63 | 185  | 1/4"     | 10     | 2   | 10.4    | 99    | 6.5/0.8                 |
| 244A            | 54-475               | 678     | 7,000      | 1,300  | 2.72 | 185  | 1/4"     | 10     | 2.6 | 10      | 93    | 8.7/0.8                 |
| 231HA           | 34-475               | 800*    | 8,000      | 1,150  | 2.63 | 185  | 1/4"     | 10     | 2   | 10.4    | 94    | 6.5/0.8                 |
| 232TGSL         | 54-544               | 847*    | 10,000     | 1,200  | 2.72 | 185  | 1/4"     | 10     | 2.6 | 10.9    | 105   |                         |
| E131            | 34-475               | 678*    | 8,750      | 1,175  | 2.6  | 192  | 1/4"     | 10     | 2   | 13.6    | 98    | 7.8/2.4                 |

(1) ISO28927 – 3-axis measurement: vibration level / measurement uncertainty — (2) Torque-limited.

\*Reverse bias

## Service Kits



|                                | A         | B                   |
|--------------------------------|-----------|---------------------|
| 2135QPTiMAX-AP                 | 2135-TK2  | 2135PTi-THK1        |
| 2135TiMAX-AP/<br>2135QTiMAX-AP | 2135-TK2  | 2135-THK1           |
| 2135QTi-2MAX-AP                | 2135-TK2  | 2135-2-THK1         |
| 2135Qi                         | 2135-TK2  | 2135-THK1           |
| 2130AP                         | 2130-TK1  | 2130-IMK1           |
| 2130XP-TL                      | 2130-TK1  | 2130XPTL-IMK1       |
| 231GXP                         | 231XP-TK1 | 231XP-THK1          |
| 236                            | 236-TK1   | —                   |
| 2125PTiMAX                     | 2115-TK2  | 2115-THK2           |
| 2125QPTiMAX                    | 2115-TK2  | 2115-THK2           |
| 2125XP                         | 2115-TK2  | 2115-THK2           |
| 2025MAX                        | 2015-TK   | 2015-THK            |
| 231C-AP                        | 231-TK2/3 | 231C-THK1           |
| 244A/244A-2                    | 244-TK2   | 231B-THK1/231B-THK2 |
| 231HA/231HA-2                  | 231HP-TK1 | 231B-THK1/231B-THK2 |

## Impact Socket Sets

**SK4M18** (CPN: 81287385): 1/2" socket set. Contains 9 standard sockets (10, 11, 13, 14, 17, 19, 21, 22 and 24 mm), 4 deep sockets (13, 14, 21, and 24 mm), 3 deep / thin wall sockets (17, 19 and 21 mm), 125 mm extension bar and 1/2" square drive power joint.

**SK4M14** (CPN: 81287351): 1/2" socket set (10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23 and 24 mm).

**SK4M5L** (CPN: 81287369): 1/2" socket set. Contains 5 deep sockets (17, 19, 21, 22 and 24 mm)

**SK4M3L** (CPN: 81287377): 1/2" socket set. Contains 3 deep insulated, thin wall sockets (17, 19 and 21 mm).



SK4M18



SK4M3L



SK4M14



SK4M5L