



Introducing the 2146QMAX Series Impact Wrenches – including the 2146Q1MAX 3/4" Impact Wrench with the most powerful drivetrain in its class. Also available in a 1" drive (2146Q2MAX), these long-lasting impact wrenches are built to deliver 2,000 ft-lbs of Nut Busting Torque, and include an innovative pressure gauge so you can monitor for optimum performance while taking on a full range of bolting jobs. Featuring industrial-grade durability, an air motor that reduces consumption to save you money, and unprecedented control, the 2146QMAX Series helps you maximize productivity all day, every day. Quiet and powerful, this remarkable tool goes as easy on you as it does on your budget.

- 1970 Nm (1450 ft-lb) of maximum torque in reverse.
- 2700 Nm (2000 ft-lb) of Nut Busting Torque - that's the best-in-class performance.
- Ingersoll Rand TwinHammer impact mechanism is the strongest, most durable and longest life mechanism in the industry.
- Steel hammercase provides excellent durability under the toughest use.
- Powerful reverse-bias 6-vane motor delivers even more power in reverse.
- Ergonomic composite housing is lightweight, protects from cold air and offers great operator comfort.
- 4-position power regulator in forward helps adjusting the power to the application.
- One-hand forward/reverse switch for easy operation.
- 360° swivel inlet helps eliminating twisted hoses.
- Patented technology reduces the noise level without sacrificing the power.
- FREE two-year limited warranty without tool registration.
- Innovative pressure gauge improves productivity and prolongs product life

## Specifications at 6.2 bar (90 psi)

Part Number	2146Q1MAX-6
Ordering number	2146Q1MAX-6
Drive size (square)	3/4 in
Socket retainer type	friction ring and through hole
Torque settings (forward / reverse)	4 / 1
Other available versions:	
- 3/4" square drive, standard length anvil	2146Q1MAX
- 3/4" square drive, 75 mm (3") extended anvil	2146Q1MAX-3
- 3/4" square drive, ATEX	2145QiMAX-SP
- 1" square drive, standard length anvil	2146Q2MAX
- 1" square drive, ATEX	2155QiMAX-SP

## PERFORMANCE

Maximum torque in forward	1300 ft-lb / 1770 Nm
Maximum torque in reverse	1450 ft-lb / 1970 Nm
Nut busting torque	2000 ft-lb / 2700 Nm
Free speed	5 500 rpm
Impacts per minute	1 075

## AIR SYSTEM

Air Inlet (NPT)	3/8 in
Minimum hose size	1/2 in / 13 mm
Average air consumption	14 CFM / 6.6 L/s
Air consumption at load	36 CFM / 18.1 L/s

## NOISE & VIBRATION

Impacting sound pressure / power (ISO15744)	94.3 / 105.3 dB(A)
Free speed sound pressure / power (ISO15744)	88.8 / 99.8 dB(A)
Vibration level / measurement uncertainty (ISO28927)	8.4 / 3.0 m/s <sup>2</sup>

## WEIGHT & DIMENSIONS

Tool weight	10.1 lb / 4.6 kg
Tool dimensions (L x W x H)	14.5 x 3.5 x 8.2 in / 368 x 88 x 208 mm
Shipping weight	11.3 lb / 5.1 kg
Shipping dimensions (L x W x H)	398 x 220 x 90 mm
UPC / EAN code	6 63023 16460 1
Origin	Assembled in China





**SK6M6LN**  
SK6M6LN  
3/4" Impact socket set (6 pcs) (24, 27, 30, 32, 33 and 36 mm)



**Impact sockets**  
For the complete range, see our accessory catalogue.



**Socket retainer rings**  
For the complete range, see our accessory catalogue.



**33204**  
91486357  
Hose whip, 3/8" NPT, 10 mm inside diameter, 30 cm (1 ft)



**IB8NMC3**  
88103304  
IBN/IBS Series nipple, 3/8" male thread, 8 mm bore (ISO6150B / MIL-C4109)



**77NMC3**  
88104088  
7N7/7S7 Series nipple, 3/8" male thread, 7.2 mm bore (EURO 7.2 - 7.4)



**Quick Release Couplings**  
For the complete range, see our accessory catalogue.



**115-LBK1**  
04616108  
Lubricant kit for Impacttools™ with composite housing



**10Z4**  
03875671  
Oil, Class 1, no. 10, 0.12 L



**115-4T**  
04616157  
Grease for Impacttools with composite housing



**Lubricants**  
For the complete range, see our accessory catalogue.



**2146-THK1**  
2146-THK1  
Impact mechanism service kit



**2146-TK2**  
2146-TK2  
Motor service kit