



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-3
Ordering number	2146Q1MAX-3
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, 150 mm (6") extended anvil	2146Q1MAX-6
- 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	8.8 lb / 4.0 kg
Tool dimensions (L x W x H)	11.5 x 3.5 x 8.2 in / 291 x 88 x 208 mm
Shipping weight	9.9 lb / 4.5 kg
Shipping dimensions (L x W x H)	322 x 220 x 90 mm
UPC / EAN code	6 63023 16459 5
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