

Impact Wrenches - Tightening tools

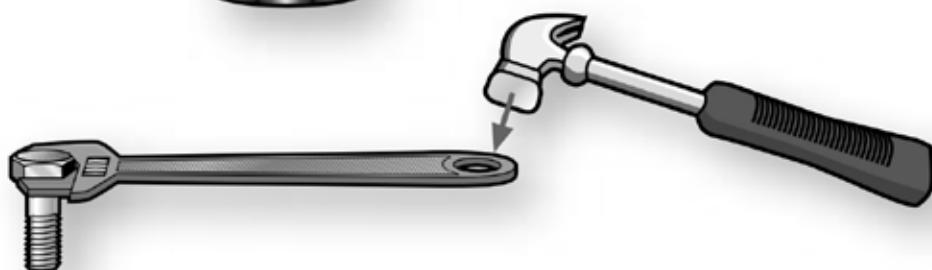
W26-series

Impact wrenches are based on the same principle as using a hammer to strike a wrench when tightening a bolt or screw, building up torque impact by impact. In the case of the power impact wrench run by an air motor, the hammer is the combined mass of the rotor and the impact mechanism which delivers their kinetic energy, once or twice per revolution, to the anvil and socket, which represent the wrench in the comparison.

The advantage of impact wrenches is that they have a very high capacity relative to the weight and size of the tool. As the reaction torque is not greater than that needed to accelerate the hammer the reaction force transferred back to the operator is very small, which makes the impact wrench very flexible and simple to use.

The disadvantages are the comparatively high noise level of the impact wrench and the difficulty in measuring the applied torque and consequently also the limited possibility to achieve accurate torque control.

Consequently, the impact wrench is the ideal tool for loosening rusty and stuck bolts in maintenance work in chemical plants, refineries and other heavy industries. Impact wrenches are also suitable for a variety of applications that do not require the highest degree of accuracy.



Principle of impact tools.

Impact Wrenches



W2915

W29-series

With easy operation the W29-series are your perfect partner for general assembly and tackling the toughest industrial jobs that requires high torque output.

These models features a twin hammer impact mechanism for fast run down with a composite housing for best power-to-weight ratio with four torque settings.

Easy one hand operation (Left or right handed) with button controlled torque setting (forward/reverse) with a ergonomic handle with anti-slip rubber grip.



W2910



W2911



W2920

Model	Bolt size mm	Square drive size in	Torque - Reverse Nm	Torque - Reverse Nm	Torque Range Nm	Free speed r/min	Weight kg	Air consumption l/s	Rec. hose size mm	Air inlet thread BSP	Model type	Impact mechanism	Ordering No.
W2910	M14	3/8"	310	500	150-400	6500	1.2	17	10	1/4"	Pistol	Twin hammer	8434124850
W2911	M14	1/2"	370	500	150-400	7300	1.2	17	10	1/4"	Pistol	Twin hammer	8434124851
W2915	M16	1/2"	710	1000	200-800	7700	2.0	18	10	1/4"	Pistol	Twin hammer	8434124852
W2920	M30	3/4"	1400	1500	300-1450	5500	3.2	27	13	3/8"	Pistol	Twin hammer	8434124853

Torque range (min/max) is a calculated value acc. To Skidmore. Performance is depending on air installation and type of bolted joint.



WS1001



WS1002



WS1003

Model	Square drive size in	Socket type	Number of sockets	Sockets included	Ordering No.
PRO WS1001	3/8"	Metric impact socket	13	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm	4112 0607 91
PRO WS1002	1/2"	Metric impact socket	14	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 26, 27 mm	4112 0607 92
PRO WS1003	1/2"	Metric deep impact socket	14	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 26, 27 mm	4112 0607 93

W24-series



W2415

These tools features a steel, aluminum and magnesium housing and can handle tough environments providing fast rundown and tightening.

They have powerful impact mechanisms for fast run down with four torque settings.

The W24-series features compact pistol to larger straight models for many different applications.



W2410



W2411



W2412



W2427



W2420



W2425



W2428

Model	Bolt size mm	Square drive size in	Torque - Forward Nm	Torque - Reverse Nm	Torque Range Nm	Free speed r/min	Weight kg	Air consumption l/s	Rec. hose size mm	Air inlet thread BSP	Model type	Impact mechanism	Ordering No.
W2410	M10	1/4" HEX	98	110	13 - 80	7000	1	11	10	1/4"	Pistol	Twin hammer	8434124854
W2411	M10	3/8"	130	140	13 - 110	7000	1	11	10	1/4"	Pistol	Twin hammer	8434124855
W2412	M16	1/2"	250	350	100 - 300	7400	1.4	13	10	1/4"	Pistol	Twin hammer	8434124862
W2415	M16	1/2"	550	750	150 - 650	7700	2.7	20	10	1/4"	Pistol	Pin clutch	8434124856
W2420	M30	3/4"	1450	1700	650 - 1300	5600	5.4	26	13	3/8"	Pistol	Twin hammer	8434124857
W2425	M33	1"	2200	2550	700 - 1400	4500	10.2	44	19	1/2"	Pistol	Pinless	8434124858
W2427	M33	1"	1800	2200	700 - 1500	4500	6.7	36	19	1/2"	Straight	Twin hammer	8434124859
W2428	M33	1"	2200	2800	800 - 1600	5000	10.5	48	19	1/2"	Straight	Pinless	8434124860

W2415 KIT: Incl. 5 sockets. Sizes: 13, 15, 17, 19 & 24 mm.

8434124861

Torque range (min/max) is a calculated value acc. To Skidmore. Performance is depending on air installation and type of bolted joint.