

Makita

18V Brushless High Torque Impact Wrench

DTW1001

DTW1002

BRUSHLESS

Product Objectives

- Designed to provide a compact yet powerful Impact Wrench to suit the needs of various trades such as manufacturing technicians, mechanics and fabricators.
- Develop Brushless Impact Wrenches with a compact and lightweight design, with innovative and powerful technology that increases user productivity



Product Overview

DTW1001Z – 18V Brushless 3/4" Impact Wrench

**BL
MOTOR**



Twin LED Job light

Variable Speed Control Trigger

Soft Grip

Ergonomic Handle

Electronic 3 stage Impact selection

Product Specification Sheet



Max. capacities standard bolt	M12 - M30
Max. capacities high tensile bolt	M10 - M24
No load speed	Hard: 0 - 1,800rpm Med: 0 - 1,000rpm Soft: 0 - 900rpm
Impact rate	Hard: 0 - 2,200ipm Med: 0 - 2,000ipm Soft: 0 - 1,800ipm
Max. fastening torque	Hard: 1,050Nm Medium: 600Nm Soft: 300Nm
Nut busting torque	1,700Nm
Drive shank	19mm 3/4" Square
Overall length	229mm
Skin weight	3.1kg
Weight (with battery)	3.7kg
Voltage	18V

- **Brushless motor** – Powerful Brushless Motor produces more power and longer runtimes then brushed motors
- **Twin LED Job light** – with pre-glow and after-glow function to illuminate workpiece
- **Variable speed control via trigger** – as well as the 3 stage impact selection speed can be controlled via the trigger with the user having optimum control
- **Electronic 3 stage impact selection** – power selection can easily be selected by pushing a button, in order to selected the appropriate power for the work piece
- **Electric Brake** – Rapidly yet gently stops rotation, increasing safety and minimizing risk
- **Soft Grip** – ribbed soft grip enables user to hold the handle securely against the rotational force of counter torque
- **Ergonomic Handle** – designed to maximise thrust to the bit as well as increasing control

Product Overview

DTW1002Z – 18V Brushless 1/2" Impact Wrench

**BL
MOTOR**



Twin LED Job light

Variable Speed Control Trigger

Soft Grip

Ergonomic Handle

Electronic 3 stage Impact selection

Product Specification Sheet



Max. capacities standard bolt	M12 - M30
Max. capacities high tensile bolt	M10 - M24
No load speed	Hard: 0 - 1,800rpm Med: 0 - 1,000rpm Soft: 0 - 900rpm
Impact rate	Hard: 0 - 2,200ipm Med: 0 - 2,000ipm Soft: 0 - 1,800ipm
Max. fastening torque	Hard: 1,000Nm Medium: 600Nm Soft: 300Nm
Nut busting torque	1,600Nm
Drive shank	12.7mm (1/2") Square
Overall length	229mm
Skin weight	3.0kg
Weight (with battery)	3.6kg
Voltage	18V

- **Brushless motor** – Powerful Brushless Motor produces more power and longer runtimes then brushed motors
- **Twin LED Job light** – with pre-glow and after-glow function to illuminate workpiece
- **Variable speed control via trigger** – as well as the 3 stage impact selection speed can be controlled via the trigger with the user having optimum control
- **Electronic 3 stage impact selection** – power selection can easily be selected by pushing a button, in order to selected the appropriate power for the work piece
- **Electric Brake** – Rapidly yet gently stops rotation, increasing safety and minimizing risk
- **Soft Grip** – ribbed soft grip enables user to hold the handle securely against the rotational force of counter torque
- **Ergonomic Handle** – designed to maximise thrust to the bit as well as increasing control

Advantages

Safety



Electric Brake

Convenience



Electronic 3 Stage Impact Selection

Performance








Brushless Motor - More power, providing
280Nm of Torque

Control




Variable Speed Control via trigger

Our Range

	DTW1001	DTW1002	DTW285	DTW181	DTW180
					
Max. capacities standard bolt	M12 - M30	M12 - M30	M10 - M20	M8-M16	M8-M16
Max. capacities high tensile bolt	M10 - M24	M10 - M24	M10 - M16	M6-M12	M6-M12
No load speed	Hard: 0 - 1,800rpm Med: 0 - 1,000rpm Soft: 0 - 900rpm	Hard: 0 - 1,800rpm Med: 0 - 1,000rpm Soft: 0 - 900rpm	Hard: 0 - 2,800rpm Med: 0 - 2,100rpm Soft: 0 - 1,600rpm	Hard: 0 - 2,400rpm Soft: 0 - 1,300rpm	Hard: 0 - 2,400rpm Soft: 0 - 1,300rpm
Impact rate	Hard: 0 - 2,200ipm Med: 0 - 2,000ipm Soft: 0 - 1,800ipm	Hard: 0 - 2,200ipm Med: 0 - 2,000ipm Soft: 0 - 1,800ipm	Hard: 0 - 3,500ipm Med: 0 - 2,600ipm Soft: 0 - 1,800ipm	Hard: 0 - 3,600ipm Soft: 0 - 2,000ipm	Hard: 0 - 3,600ipm Soft: 0 - 2,000ipm
Max. fastening torque	1,050N.m	1,000N.m	280N.m	210Nm*	180N.m
Nut-busting torque	1,700N.m	1,600N.m	-	330Nm	310Nm
Drive shank	19mm 3/4" Square	12.7mm (1/2") Square	12.7mm (1/2") Square	12.7mm (1/2") Square	9.5mm (3/8") Square
Overall length	229mm	229mm	147mm	151mm	144mm
Skin weight	3.1kg	3.0kg	1.1kg	0.9kg	0.9kg
Weight (with battery)	3.7kg	3.6kg	1.7kg	1.5kg	1.5kg
Voltage	18V	18V	18V	18V	18V
RRP	\$439	\$439	\$329	\$219	\$219

*Fastening torque at 6 seconds after seating, when tightening M16 (grade 10.9) high tensile bolt

Accessories

Standard Accessories		
	346949-3	Hook

Optional Accessories		
	Belt Clip	346317-0
	<u>Impact Socket Range 1/2'</u> Range of 1/2' square drive sockets, socket extensions and adaptors	.
	<u>Impact Socket Range 1/2"</u> Range of 1/2" square drive sockets, socket extensions and adaptors.	