

Impact Wrenches



Impact Wrench Selection

To determine the ARO Impact Wrench that's best suited for your application, it is important to consider the following criteria:

- A Square Drive Size** – Generally, the square drive of the wrench should be the same size or larger than the thread diameter of the fastener. ARO Impact Wrenches are available in 3/8", 1/2", and 3/4" square drives.
- B Torque Requirements** – Match the job's torque requirements with the torque output of the wrench. The recommended torque ranges for each ARO Impact Wrench and the torque requirements to tighten or loosen 3/8" to 3/4" bolts are shown in the selection guide. Notice that it takes more torque to loosen a bolt than it does to tighten it, particularly if the bolt is rusted or galled. For longer, more reliable performance, the torque requirements should be within the recommended range of the tool — not the tool's maximum torque.
- C Job Demands** – To ensure maximum service life, the Production Class or durability of the wrench should meet the demands of the intended applications. Demanding jobs, operating near the upper limit of a tool's recommended production torque, or frequent assembly cycles over extended periods, require an "Industrial" class wrench. For intermittent assembly, maintenance, and utility jobs, the "Economy" class wrench is ideal.

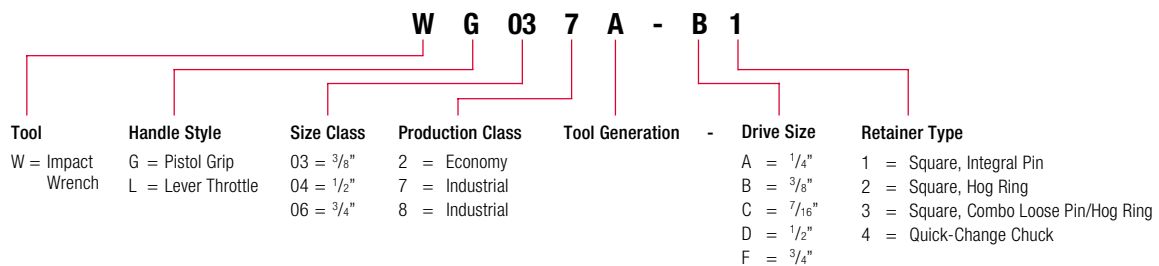
Square Drive	Impact Wrench Model	Rec. Production Torque		Bolt Size (Thread Diameter)						
		ft-lb	Nm	3/8" (9.5 mm)		1/2" (12.7 mm)		3/4" (19 mm)		
				T	L	T	L	T		L
3/8"	WG037A-B1	20-100	27-136							
3/8"	WL037A-B1	20-100	27-136							
1/2"	WG047A-D1	40-350	54-474							
3/4"	WG068A-F4	200-600	271-813							

Torque	ft-lb	0	100	200	300	400	500	600
	Nm	0	136	271	407	542	678	813

Recommended torque range of tool.
 Torque range required to tighten (T) or loosen (L) bolt size.

Model Identification Guide

Example: WG037A-B1



3/8" Drive

Impact Wrenches

Torque Output: 125 ft-lb (169 Nm)

ARO is proud to offer a line of premium-quality, high-performance air impact wrenches. Durable, powerful, and easy-to-handle, they're ideal for use in a wide range of assembly, maintenance, and service operations.

Features include:

- The built-in Power Regulator lets you switch from lower power in one direction to full power in the opposite direction for extra performance when you need it most.
- A unique Pressure-Feed Lubrication System automatically distributes injected grease to the hammer mechanism to add longer, trouble-free service life.
- A rugged hammer design with fewer moving parts simplifies maintenance, reducing tool downtime and repair costs.
- Rotary hammering action delivers balanced blows for greater consistency and handling comfort.
- Reversible operation provides maximum utility.
- Models available in the most popular driver sizes with torque output of up to 1000 lb.ft. (1360 Nm).



WL037A-B1

Industrial and Economy 3/8" Impact Wrenches

Features

- Built-in pressure-feed lubrication system
- Built-in power regulator
- Smooth, efficient impact mechanism
- Rugged steel hammer case
- Integral muffler

Accessories at Extra Cost

- 48951-37 Vertical Hanger
- 48951-38 Horizontal Hanger
- Tune-up Kit for Model WG037A-()
- Tune-up Kit for Model WL037A-()
- 212-K23 Muffler Kit



WG037A-B1

3/8" Impact Wrenches

Model Number	Drive Type	Free Speed rpm	Impacts per Minute	Max. Torque		Rec. Torque Range		Standard Bolt Cap.		Spindle Offset		Length		Weight	
				ft-lb	Nm	ft-lb	Nm	in.	mm	in.	mm	in.	mm	lbs	kg
Straight															
WL037A-B1	3/8" Square	7,000	1,500	125	169	20-100	27-136	7/16	11	1.375	35	5.875	149	2.5	1.1
WL037A-A5	1/4" Hex Quick-Change	7,000	1,500	125	169	20-100	27-136	7/16	11	1.375	35	5.875	149	2.5	1.1
WL037A-C5	7/16" Hex Quick-Change	7,000	1,500	125	169	20-100	27-136	7/16	11	1.375	35	5.875	149	2.5	1.1
Pistol Grip															
WG037A-B1	3/8" Square	10,000	1,500	125	169	20-100	27-136	7/16	11	1.375	35	5.5	140	2.75	1.2
WG037A-A5	1/4" Hex Quick-Change	10,000	1,500	125	169	20-100	27-136	7/16	11	1.375	35	5.5	140	2.75	1.2
WG037A-C5	7/16" Hex Quick-Change	10,000	1,500	125	169	20-100	27-136	7/16	11	1.375	35	5.5	140	2.75	1.2

Air Inlet – 1/4" NPTF (Female) Recommended Air Pressure – 90 PSI (6.2 bar) Recommended Hose Size – 5/16" (8 mm) I.D.

1/2" and 3/4" Drive Impact Wrenches

Torque Output: 500 ft-lb (678 Nm)

Industrial 1/2" Impact Wrenches

Model WG047A-D1 is a powerful industrial-grade tool for the most demanding fastening applications.

Features

- Built-in pressure-feed lubrication system
- Built-in power regulator
- Rugged steel hammer case (Model WG047A-D1)
- Integral muffler

Optional Equipment

Model WG047A-D1:

- 48951-161 Anvil Assembly with 7/16" Hex Quick-Change Chuck
- 48951-173 Anvil Assembly with 1/2" Square Ring Retainer

Accessories at Extra Cost

- 48951-94 Horizontal Hanger for Model WG047A-D1
- 48965 Service Kit for Model WG047A-D1



WG047A-D1

1/2" Impact Wrenches

Model Number	Drive Type	Free Speed rpm	Impacts per Minute	Max. Torque		Rec. Torque Range		Standard Bolt Cap.		Spindle Offset		Length		Weight	
				ft-lb	Nm	ft-lb	Nm	in.	mm	in.	mm	in.	mm	lbs	kg
Industrial															
WG047A-D1	1/2" Square	7,000	1,300	500	678	40-350	54-474	5/8	15.9	1.375	35	6.5	165	6.0	2.7

Air Inlet – 1/4" NPTF (Female) Recommended Air Pressure – 90 PSI (6.2 bar) Recommended Hose Size – 5/16" (8 mm) I.D.

3/4" Drive Impact Wrenches

Torque Output: 1000 ft-lb (1360 Nm)

Industrial 3/4" Impact Wrenches

Features

- Built-in pressure-feed lubrication system
- Smooth, efficient impact mechanism
- Steel hammer case
- Integral muffler

Accessories at Extra Cost

- 49852 Service Kit



WG068A-F4

1/2" Impact Wrenches

Model Number	Drive Type	Free Speed rpm	Impacts per Minute	Max. Torque		Rec. Torque Range		Standard Bolt Cap.		Spindle Offset		Length		Weight	
				ft-lb	Nm	ft-lb	Nm	in.	mm	in.	mm	in.	mm	lbs	kg
Industrial															
WG068A-F4	3/4" Square	5,500	1,000	1,000	1,360	200-600	271-813	3/4	19	2.28	48	7.625	194	11.625	5.39

Air Inlet – 3/8" NPTF (Female) Recommended Air Pressure – 90 PSI (6.2 bar) Recommended Hose Size – 1/2" (13 mm) I.D.