Ingersoll Rand®

Pneumatic Assembly Tools for General Industry Applications

Screwdrivers, Nutrunners and Drills

REAL TOOLS FOR REAL WORK.™

Best Industrial Assembly Screwdrivers

Accuracy – Speed – Durability

The Q2 Series sets the standard for assembly tool ergonomics while delivering repeatable performance day in and day out across a full range of screwdrivers, nutrunners and drills.

Q2 Series – Screwdrivers/Nutrunners/Drills

Performance:

- Powerful – up to 5.7Nm (Screwdrivers), 11.5Nm (Nutrunners) & 12.5Nm (Drills)
- Fast – up to 2800rpm (screwdrivers & nutrunners) & 5100rpm (Drills)

Ergonomics:

- Compact and lightweight; featuring an egg-shaped housing design for natural fit and maximum operator comfort

For use in light & medium industries such as:

- Appliances
- HVAC
- Office Furniture
- Automotive Tiers
- And other assembly applications

Various torque, clutch and handle and air inlet options available!

1 Series and 41 Series feature a full range of production screwdrivers known for durability and performance at an economical price

1 Series Low Torque Pistol & Inline Screwdrivers

- .3Nm – 5.1Nm
- Up to 2800rpm
- Shut Off & Cushion Clutch Available
- Consistent and accurate performance across many applications

Pistol & Inline Screwdrivers

- 1.7Nm – 13.6Nm
- Up To 2500rpm
- All Clutch Types available
- Skinsulate housing provides comfortable grip surface requiring less force and pressure during operation

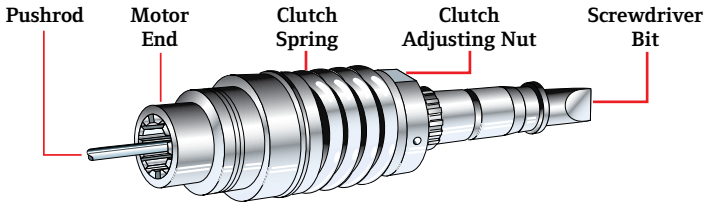
Clutch Selections

Air Screwdrivers & Nutrunners

Selection of the appropriate clutch arrangement for your application is one of the first critical steps in specification. IR offers four basic types — adjustable precision shut-off, adjustable cushion clutch, positive jaw, and stall. The following introduction, coupled with the "Types of Joints" table on the following page, will help you define your requirements.

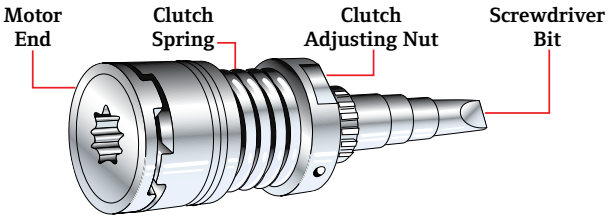
Adjustable Precision Shut-Off Clutch

Designed for critical fastening applications involving plastics, composites, or metals that require precise torque control. Automatic shut-off reduces air consumption and torque reaction.



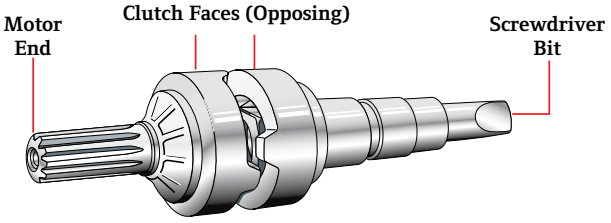
Adjustable Cushion Clutch

Steel balls rolling between indented plates provide smooth disengaging at preset torque while minimizing vibration to the operator. Very good general-purpose torque limiting clutch.



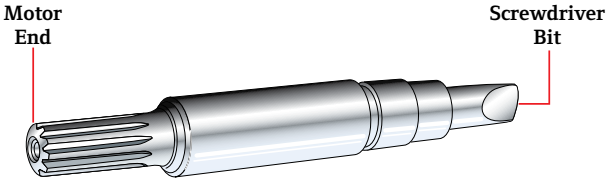
Positive Jaw Clutch

Designed for applications where driving torque may exceed final seating torque as in wood and self-tapping applications. Applied torque is controlled by the operator and can be limited by regulating air line pressure.



Stall

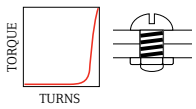
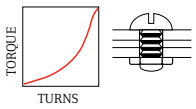
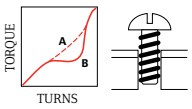
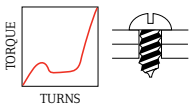
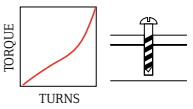
Designed for soft pull applications in wood and other materials not requiring critical torque control. Applied torque is controlled by the operator and can be limited by regulating air line pressure.



Clutch Selection Guide

Air Screwdrivers & Nutrunners

Types of Joints

	Free Running-Slam (Hard Drive)	Compressing Gaskets (Soft Draw)	Self-Tapping Screws	Sheet Metal Screws	Wood Screws
Select the Clutch to Fit Your Job	 Resistance low at start and during rundown but peaks suddenly as bolt head seats.	 Turning resistance gradually increases as squeeze progresses to final turn.	 Initial resistance high through tapping travel, easing off until sudden (B) or gradual (A) stop.	 Starting torque builds until penetration made, then resistance slacks off until head seats.	 Low resistance at start builds gradually through entire rundown until head seats.
Adjustable Precision Shut-Off Clutch	EXCELLENT for all screw sizes where precise torque control is required.	BEST for all screw sizes where precise torque control is required.	BEST for all screw sizes except where tapping torque exceeds final torque.	EXCELLENT for all size screws — not suitable if tapping torque exceeds stripping torque.	Not recommended.
Adjustable Cushion Clutch	VERY GOOD for most screw sizes where torque control is IMPORTANT.	VERY GOOD for most screw sizes where torque control is IMPORTANT.	VERY GOOD for all screw sizes where tapping torque does not exceed final torque.	GOOD for most screws where final torque exceeds tapping torque.	FAIR for all screw sizes.
Positive Jaw Clutch	FAIR for all sizes where close torque control is not required.	GOOD for most screws where close torque control is not required.	GOOD where tapping torque greatly exceeds final torque.	VERY GOOD where sheets are not aligned — GOOD where tapping torque is higher than final torque.	BEST for all screw sizes.
Stall	GOOD for all screw sizes in hands of experienced operators.	GOOD for large and medium screws — must be adjusted to run rather slowly for small screws.	Not recommended unless stripping torque is considerably higher than tapping torque.	Not recommended unless stripping torque is considerably higher than tapping torque.	GOOD for large and medium screws — must be adjusted to turn slowly for small screws.

Model Identification Guide

1 Series Air Screwdrivers / Nutrunners

1 R A N ( ) C 1

- **Series:** 1
- **Rotation:** R = Reversible
- **Tool Activation:** P = Push to Start; T = Trigger + Push; L = Lever; A = Trigger
- **Gear Ratio:** L, M, N, Q
- **Angle Head:** 2
- **Clutch:** S = Adjustable Shutoff; C = Cushion Clutch
- **Drive:** 1 = 1/4" Quick Change; 3 = 1/4" Hex Detent; 5 = 1/4" Square

41 Series Air Screwdrivers / Nutrunners

41 P A 10 TP Q4

- **Series:** 41
- **Handle:** P = Pistol; S = Inline; A = Angle
- **Clutch:** A = Adjustable Shutoff; C = Cushion Clutch; P = Positive Jaw; T = Stall
- **Speed (rpm):** 6 = 600; 8 = 800; 9 = 950; 10 = 1000; 16 = 1600; 17 = 1700; 24 = 2400; 25 = 2500
- **Tool Activation:** PS = Push to Start; TS = Trigger; LT = Lever; LP = Lever + Push; TP = Trigger + Push
- **Drive:** Q4 = 1/4" Quick Change; H4 = 1/4" Hex Detent; S4 = 1/4" Square; S6 = 3/8" Square

Q2 Series Air Screwdrivers / Nutrunners

Q P 1 S 10 S 1 ( ) ( ) D

- **Series:** Q2
- **Handle:** P = Pistol; S = Inline; A = Angle
- **Rotation:** 1 = Reversible
- **Tool Activation:** P = Push to Start; S = Trigger; L = Lever; T = Trigger/ Lever + Push
- **Speed:** 02 = 250; 05 = 500; 08 = 850; 10 = 1000; 12 = 1270; 15 = 1500; 17 = 1750; 20 = 2000; 28 = 2800
- **Clutch:** S = Adjustable Shutoff; C = Cushion Clutch; D = Stall
- **Drive:** 1 = 1/4" Quick Change; 3 = 1/4" Bit Finder; 4 = 1/4" Square; 6 = 3/8" Square; 9 = 1/4" Hex Detent
- **Air Inlet Location:** T = Top; Blank = Bottom
- **Options:** A = Small Grip; S = Small Anglehead; L = Large Anglehead; X = High Torque
- **Memory Chip:** D = Standard Chip

Q2 Series Air Drills

Q P 20 1 ( ) ( ) D

- **Series:** Q2
- **Handle:** P Pistol; S Inline; A Angle
- **Speed rpm:** 05 = 500; 08 = 850; 09 = 900; 12 = 1270; 15 = 1500; 17 = 1750; 20 = 2000; 21 = 2100; 27 = 2700; 30 = 3000; 35 = 3500; 38 = 3800; 51 = 5100
- **Chuck/ Bit Holder:** 1 = 1/4" Chuck; 2 = 3/8" Chuck; 3 = 3/16" Collet with 9/32"-40 Thread; 5 = 1/4"-28 Female Thread; 7 = 3/8"-24 Male Thread (no chuck)
- **Angle Head:** 4 = 45 Degrees; 5 = 90 x 90 Degrees; 9 = 90 Degrees
- **Gearcase:** L = Long; Blank = Standard
- **Memory Chip:** D = Standard Chip

Q2 Series *Angle Nutrunners*

Sets the standard for assembly tool ergonomics.

QA1L05S4LD

Features

- Torque range: 3.5 – 101.5 in-lbs (0.4 – 11.5 Nm)
- Speeds: 250 – 1,750 rpm
- Offers precise torque control in a quiet, award-winning ergonomic package
- Compact, lightweight, well-balanced design
- Contoured soft grip handle
- Low force forward reverse control
- Recommended for applications where precise torque control is required

Series				
Q2	75 dBA	1/4″ NPT	1/4″ (6 mm)	16 cfm (450 L/min)

ADJUSTABLE SHUT OFF CLUTCH TYPE

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in (mm)	in
LEVER START									
QA1L18S4SD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 26.1 (1.05 – 2.95)	–	1,750	1.9 (0.9)	11.8″ (300)	0.38″ (9.5)	1.1″ (28)	1/4″
QA1L18S1LD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 26.1 (1.05 – 2.95)	–	1,750	2.1 (1.0)	11.9″ (302.3)	0.52″ (13.2)	1.3″ (33)	1/4″
QA1L12S4LD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 32.2 (1.1 – 3.64)	–	1,270	2.1 (1.0)	11.9″ (302.3)	0.52″ (13.2)	1.3″ (33)	1/4″
QA1L12S4SD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 32.2 (1.1 – 3.64)	–	1,270	1.9 (0.9)	11.8″ (300)	0.38″ (9.5)	1.1″ (28)	1/4″
QA1L12S1LD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 32.2 (1.1 – 3.64)	–	1,270	2.1 (1.0)	11.9″ (302.3)	0.52″ (13.2)	1.3″ (33)	1/4″
QA1L12S9LD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 32.2 (1.1 – 3.64)	–	1,270	2.1 (1.0)	11.9″ (302.3)	0.52″ (13.2)	1.3″ (33)	1/4″
QA1L08S4LD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 33.4 (1.05 – 3.77)	15.7 – 47.2 (1.77 – 5.33)	850	2.1 (1.0)	11.9″ (302.3)	0.52″ (13.2)	1.3″ (33)	1/4″
QA1L08S6LD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 33.4 (1.05 – 3.77)	15.7 – 47.2 (1.77 – 5.33)	850	2.1 (1.0)	11.9″ (302.3)	0.52″ (13.2)	1.3″ (33)	3/8″
QA1L08S1LD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 33.4 (1.05 – 3.77)	15.7 – 47.2 (1.77 – 5.33)	850	2.1 (1.0)	11.9″ (302.3)	0.52″ (13.2)	1.3″ (33)	1/4″
QA1L05S4SD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 36.0 (1.05 – 4.07)	–	500	1.9 (0.9)	11.8″ (300)	0.38″ (9.5)	1.1″ (28)	1/4″
QA1L05S4LD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 33.4 (1.05 – 3.77)	15.7 – 56.4 (1.77 – 6.37)	500	2.1 (0.9)	11.9″ (302.3)	0.52″ (13.2)	1.3″ (33)	1/4″
QA1L05S6LD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 33.4 (1.05 – 3.77)	15.7 – 56.4 (1.77 – 6.37)	500	2.1 (0.9)	11.9″ (302.3)	0.52″ (13.2)	1.3″ (33)	3/8″
QA1L05S6XLD	11.7 – 38.2 (1.32 – 4.32)	31.0 – 88.3 (3.5 – 9.98)	–	500	2.3 (1.04)	13.0″ (330)	0.52″ (13.2)	1.3″ (33)	3/8″
QA1L05S9LD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 33.4 (1.05 – 3.77)	15.7 – 56.4 (1.77 – 6.37)	500	2.1 (1.0)	11.9″ (302.3)	0.52″ (13.2)	1.3″ (33)	1/4″
QA1L05S1LD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 33.4 (1.05 – 3.77)	15.7 – 56.4 (1.77 – 6.37)	500	2.1 (1.0)	11.9″ (302.3)	0.52″ (13.2)	1.3″ (33)	1/4″
QA1L05S1XLD	11.7 – 38.2 (1.32 – 4.32)	31.0 – 88.3 (3.5 – 9.98)	–	500	2.3 (1.04)	13.0″ (330)	0.52″ (13.2)	1.3″ (33)	1/4″
QA1L02S4LD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 33.4 (1.05 – 3.77)	15.7 – 56.4 (1.77 – 6.37)	250	2.1 (1.0)	11.9″ (302.3)	0.52″ (13.2)	1.3″ (33)	1/4″
QA1L02S1LD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 33.4 (1.05 – 3.77)	15.7 – 56.4 (1.77 – 6.37)	250	2.1 (1.0)	11.9″ (302.3)	0.52″ (13.2)	1.3″ (33)	1/4″
QA1L02S6XLD	11.7 – 38.2 (1.32 – 4.32)	31.0 – 101.5 (3.50 – 11.5)	–	250	2.3 (1.04)	13.0″ (330)	0.52″ (13.2)	1.3″ (33)	3/8″
QA1L02S1XLD	11.7 – 38.2 (1.32 – 4.32)	31.0 – 101.5 (3.50 – 11.5)	–	250	2.3 (1.04)	13.0″ (330)	0.52″ (13.2)	1.3″ (33)	1/4″

CUSHION CLUTCH CLUTCH TYPE

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in (mm)	in
LEVER START									
QA1L18C4LD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 26.1 (1.05 – 2.95)	–	1,750	2.0 (0.9)	11.9″ (302.3)	0.52″ (13.2)	1.3″ (33)	1/4″
QA1L18C1LD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 26.1 (1.05 – 2.95)	–	1,750	2.0 (0.9)	11.9″ (302.3)	0.52″ (13.2)	1.3″ (33)	1/4″
QA1L12C1LD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 32.7 (1.1 – 3.64)	–	1,270	2.1 (1.0)	11.9″ (302.3)	0.52″ (13.2)	1.3″ (33)	1/4″
QA1L12C6LD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 32.2 (1.1 – 3.64)	–	1,270	2.1 (1.0)	11.9″ (302.3)	0.52″ (13.2)	1.3″ (33)	3/8″
QA1L08C4LD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 33.4 (1.05 – 3.77)	15.7 – 47.2 (1.77 – 5.33)	850	2.0 (0.9)	11.9″ (302.3)	0.52″ (13.2)	1.3″ (33)	1/4″
QA1L08C1LD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 33.4 (1.05 – 3.77)	15.7 – 47.2 (1.77 – 5.33)	850	2.1 (1.0)	11.9″ (302.3)	0.52″ (13.2)	1.3″ (33)	1/4″
QA1L08C9LD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 33.4 (1.05 – 3.77)	15.7 – 47.2 (1.77 – 5.33)	850	2.1 (1.0)	11.9″ (302.3)	0.52″ (13.2)	1.3″ (33)	1/4″
QA1L05C1LD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 33.4 (1.05 – 3.77)	15.7 – 56.4 (1.77 – 6.37)	500	2.1 (1.0)	11.9″ (302.3)	0.5″ (12.7)	1.3″ (33)	1/4″
QA1L05C4LD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 33.4 (1.05 – 3.77)	15.7 – 56.4 (1.77 – 6.37)	500	2.1 (1.0)	11.9″ (302.3)	0.5″ (12.7)	1.3″ (33)	1/4″
QA1L05C6LD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 33.4 (1.05 – 3.77)	15.7 – 56.4 (1.77 – 6.37)	500	2.1 (1.0)	11.9″ (302.3)	0.5″ (12.7)	1.3″ (33)	3/8″

STALL TYPE

Model	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in (mm)in	
LEVER START							
QA1L12D4LD	35.4 (4.0)	1,270	1.5 (0.7)	8.9″ (226)	0.52″ (13.2)	1.3″ (33)	1/4″
QA1L12D6LD	35.4 (4.0)	1,270	1.5 (0.7)	8.9″ (226)	0.52″ (13.2)	1.3″ (33)	3/8″
QA1L08D4LD	60.2 (6.8)	850	1.5 (0.7)	8.9″ (226)	0.52″ (13.2)	1.3″ (33)	1/4″
QA1L08D6LD	60.2 (6.8)	850	1.5 (0.7)	8.9″ (226)	0.52″ (13.2)	1.3″ (33)	3/8″
QA1L08D1LD	60.2 (6.8)	850	1.5 (0.7)	8.9″ (226)	0.52″ (13.2)	1.3″ (33)	1/4″
QA1L05D4LD	102.3 (11.6)	500	1.5 (0.7)	8.9″ (226)	0.52″ (13.2)	1.3″ (33)	1/4″
QA1L05D6LD	102.3 (11.6)	500	1.5 (0.7)	8.9″ (226)	0.52″ (13.2)	1.3″ (33)	3/8″

1 Series

Time-tested design provides repeatable results, day in and day out, at an economical price.

1RTMS1

Features

- Torque range: 2.7 – 45 in-lbs (0.3 – 5.1 Nm)
- Speeds: 250 – 2,000 rpm
- Compact and lightweight
- Coated grip for operator comfort
- Recommended for applications where precise torque control is required

ADJUSTABLE SHUT OFF CLUTCH TYPE

PISTOL

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
TRIGGER + PUSH-TO-START									
1RTMS1	4.4 – 15.9 (0.5 – 1.8)	6.2 – 20.4 (0.7 – 2.3)	–	1,650	1.5 (0.7)	8.5″ (217)	0.7″ (17)	1/4″	13 (368)
1RTNS1	2.7 – 15.9 (0.3 – 1.8)	4.4 – 23.0 (0.5 – 2.6)	9.7 – 30.1 (1.1 – 3.4)	1,000	1.5 (0.7)	8.5″ (217)	0.7″ (17)	1/4″	13 (368)
1RTQS1	2.7 – 15.9 (0.3 – 1.8)	4.4 – 23.0 (0.5 – 2.6)	9.7 – 45.1 (1.1 – 5.1)	500	1.5 (0.7)	8.7″ (222)	0.7″ (17)	1/4″	13 (368)

INLINE

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
LEVER START									
1RLNS1	2.7 – 15.9 (0.3 – 1.8)	4.4 – 23 (0.5 – 2.6)	9.7 – 30.1 (1.1 – 3.4)	1,000	1.1 (0.5)	9.2″ (234)	0.6″ (14)	1/4″	13 (368)
PUSH-TO-START									
1RPLS1	4.4 – 13.3 (0.5 – 1.5)	–	–	2,800	1.1 (0.5)	8.4″ (213)	0.6″ (14)	1/4″	13 (368)
1RPMS1	4.4 – 15.9 (0.5 – 1.8)	6.2 – 20.4 (0.7 – 2.3)	–	1,650	1.1 (0.5)	8.7″ (222)	0.6″ (14)	1/4″	13 (368)
1RPNS1	2.7 – 15.9 (0.3 – 1.8)	4.4 – 23 (0.5 – 2.6)	9.7 – 30.1 (1.1 – 3.4)	1,000	1.1 (0.5)	8.7″ (222)	0.6″ (14)	1/4″	13 (368)
1RPQS1	2.7 – 15.9 (0.3 – 1.8)	4.4 – 23 (0.5 – 2.6)	8.9 – 45.1 (1.0 – 5.1)	500	1.1 (0.5)	8.7″ (222)	0.7″ (17)	1/4″	13 (368)

CUSHION CLUTCH CLUTCH TYPE

PISTOL

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
TRIGGER + PUSH-TO-START									
1RAMC1	2.5 – 15.9 (0.3 – 1.8)	6.2 – 20.4 (0.7 – 2.3)	–	1,650	1.5 (0.7)	8.5″ (217)	0.7″ (17)	1/4″	13 (368)
1RANC1	1.5 – 15.9 (0.2 – 1.8)	4.4 – 23.0 (0.5 – 2.6)	9.7 – 30.1 (1.1 – 3.4)	1,000	1.5 (0.7)	8.5″ (217)	0.7″ (17)	1/4″	13 (368)

INLINE

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
LEVER START									
1RLMC1	4.4 – 15.9 (0.5 – 1.8)	6.2 – 20.4 (0.7 – 2.3)	–	1,650	1.1 (0.5)	8.7″ (222)	0.6″ (14)	1/4″	13 (368)
1RLNC1	2.7 – 15.9 (0.3 – 1.8)	4.4 – 23.0 (0.5 – 2.6)	9.7 – 30.1 (1.1 – 3.4)	1,000	1.1 (0.5)	8.7″ (222)	0.6″ (14)	1/4″	13 (368)
PUSH-TO-START									
1RPMC1	4.4 – 15.9 (0.5 – 1.8)	6.2 – 20.4 (0.7 – 2.3)	–	1,650	1.1 (0.5)	8.7″ (222)	0.6″ (14)	1/4″	13 (368)
1RPNC1	2.7 – 15.9 (0.3 – 1.8)	4.4 – 23.0 (0.5 – 2.6)	9.7 – 30.1 (1.1 – 3.4)	1,000	1.1 (0.5)	8.7″ (222)	0.6″ (14)	1/4″	13 (368)

Service and Accessories

Manuals:

16574550

80167265

Accessories:
Torque arm: QTA010
Spring balancer, see page 13
Suspension bail: 3RA-365
Exhaust hose: 3RL-284

Kits:
Tune-up kit: 3RA-TK2

Series			
1	73 dBa	1/8″ NPT	1/4″ (6 mm)

41 Series

Time-tested design known for its durability and performance.

41PA10TSQ4

Features

- Torque range: 15 – 120 in-lbs (1.7 – 13.6 Nm)
- Speeds: 800 – 2,500 rpm
- Skinsulate housing provides comfortable grip surface
- One-handed reverse lever
- Recommended for applications where precise torque control is required

ADJUSTABLE SHUT OFF CLUTCH TYPE

PISTOL

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
TRIGGER START									
41PA24TSQ4	15 – 40 (1.7 – 4.5)	–	–	2,400	2.9 (1.3)	9.4″ (239)	0.9″ (22)	1/4″	28 (790)
41PA16TSQ4	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	–	1,600	3.1 (1.4)	9.8″ (249)	0.9″ (22)	1/4″	28 (790)
41PA10TSQ4	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	35 – 80 (4.0 – 9.0)	1,000	3.1 (1.4)	9.8″ (249)	0.9″ (22)	1/4″	28 (790)
41PA8TSQ4	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	35 – 100 (4.0 – 11.3)	800	3.1 (1.4)	9.8″ (249)	0.9″ (22)	1/4″	28 (790)
PUSH-TO-START									
41PA24PSQ4	15 – 40 (1.7 – 4.5)	–	–	2,400	2.9 (1.3)	9.4″ (239)	0.9″ (22)	1/4″	28 (790)
41PA16PSQ4	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	–	1,600	3.1 (1.4)	9.8″ (249)	0.9″ (22)	1/4″	28 (790)
41PA10PSQ4	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	35 – 80 (4.0 – 9.0)	1,000	3.1 (1.4)	9.8″ (249)	0.9″ (22)	1/4″	28 (790)
41PA8PSQ4	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	35 – 100 (4.0 – 11.3)	800	3.1 (1.4)	9.8″ (249)	0.9″ (22)	1/4″	28 (790)
TRIGGER + PUSH-TO-START									
41PA16TPQ4	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	–	1,600	3.0 (1.36)	9.8″ (249)	0.9″ (22)	1/4″	28 (790)
41PA10TPQ4	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	35 – 80 (4.0 – 9.0)	1,000	3.1 (1.4)	9.8″ (249)	0.9″ (22)	1/4″	28 (790)
41PA8TPQ4	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	35 – 100 (4.0 – 11.3)	800	3.1 (1.4)	9.8″ (249)	0.9″ (22)	1/4″	28 (790)

INLINE

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
PUSH-TO-START									
41SA17PSQ4	15 – 39.8 (1.7 – 4.5)	24.8 – 60.2 (2.8 – 6.8)	–	1,700	2.7 (1.2)	10.9″ (277)	0.8″ (20)	1/4″	30 (850)
41SA10PSQ4	15 – 39.8 (1.7 – 4.5)	24.8 – 60.2 (2.8 – 6.8)	35.4 – 79.7 (4.0 – 9.0)	1,000	2.7 (1.2)	10.9″ (277)	0.8″ (20)	1/4″	30 (850)
41SA8PSQ4	15 – 39.8 (1.7 – 4.5)	24.8 – 60.2 (2.8 – 6.8)	35.4 – 100 (4.0 – 11.3)	800	2.7 (1.2)	10.9″ (277)	0.8″ (20)	1/4″	30 (850)
LEVER + PUSH-TO-START									
41SA25LPQ4	15 – 40 (1.7 – 4.5)	–	–	2,500	2.5 (1.1)	10.4″ (264)	0.8″ (20)	1/4″	30 (850)
41SA17LPQ4	15 – 39.9 (1.7 – 4.5)	24.8 – 60.2 (2.8 – 6.8)	–	1,700	2.7 (1.2)	10.9″ (277)	0.8″ (20)	1/4″	30 (850)
41SA10LPQ4	15 – 39.8 (1.7 – 4.5)	24.8 – 60.2 (2.8 – 6.8)	35.4 – 79.7 (4.0 – 9.0)	1,000	2.7 (1.2)	10.9″ (277)	0.8″ (20)	1/4″	28 (790)
41SA8LPQ4	15 – 39.8 (1.7 – 4.5)	24.8 – 60.2 (2.8 – 6.8)	35.4 – 100 (4.0 – 11.3)	800	2.7 (1.2)	10.9″ (277)	0.8″ (20)	1/4″	28 (790)

CUSHION CLUTCH CLUTCH TYPE

PISTOL

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
TRIGGER START									
41PC25TSQ4	10 – 39.8 (1.1 – 4.5)	–	–	2,500	2.8 (1.3)	8.9″ (226)	0.8″ (20)	1/4″	20 (565)
41PC17TSQ4	10 – 39.8 (1.1 – 4.5)	15 – 53.1 (1.7 – 6.0)	–	1,700	3.1 (1.4)	9.4″ (239)	0.8″ (20)	1/4″	20 (565)
41PC10TSQ4	10 – 39.8 (1.1 – 4.5)	15 – 79.7 (1.7 – 9.0)	–	1,000	3.1 (1.4)	9.4″ (239)	0.8″ (20)	1/4″	20 (565)
41PC8TSQ4	10 – 39.8 (1.1 – 4.5)	15 – 79.7 (1.7 – 9.0)	45.1 – 100 (5.1 – 11.3)	800	3.1 (1.4)	9.4″ (239)	0.8″ (20)	1/4″	20 (565)

(continued next page)

Service and Accessories

Manuals:

16574592

80167356

16575284

Accessories:
Torque arm: QTA010
Horizontal hanger: 48934
Dead handle: 48931
Spring balancer, see page 13
Top air inlet kit (push-to-start): 48995

Kits:
Mechanism kit: 48804-1

Series			
41	78 dBa	1/4″ NPT	5/16″ (8 mm)

41 Series Continued...

INLINE

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
LEVER START									
41SC25LTQ4	9.7 – 39.8 (1.1 – 4.5)	–	–	2,500	2.9 (1.3)	10.4″ (264)	0.8″ (20)	1/4″	20 (565)
41SC17LTQ4	9.7 – 39.8 (1.1 – 4.5)	15 – 60.2 (1.7 – 6.8)	–	1,700	3.1 (1.4)	10.9″ (277)	0.8″ (20)	1/4″	20 (565)
41SC10LTQ4	9.7 – 39.8 (1.1 – 4.5)	15 – 79.7 (1.7 – 9.0)	–	1,000	3.1 (1.4)	10.9″ (277)	0.8″ (20)	1/4″	20 (565)
41SC8LTQ4	9.7 – 39.8 (1.1 – 4.5)	15 – 79.7 (1.7 – 9.0)	45 – 100 (5.1 – 11.3)	800	3.1 (1.4)	10.9″ (277)	0.8″ (20)	1/4″	20 (565)
PUSH-TO-START									
41SC25PSQ4	9.7 – 39.8 (1.1 – 4.5)	–	–	2,500	2.8 (1.3)	10.4″ (264)	0.8″ (20)	1/4″	20 (565)
41SC17PSQ4	9.7 – 39.8 (1.1 – 4.5)	15 – 60.2 (1.7 – 6.8)	–	1,700	3.1 (1.4)	10.9″ (277)	0.8″ (20)	1/4″	20 (565)
41SC10PSQ4	9.7 - 39.8 (1.1 – 4.5)	15 – 79.7 (1.7 – 9.0)	–	1,000	3.1 (1.4)	10.9″ (277)	0.8″ (20)	1/4″	20 (565)
41SC8PSQ4	9.7 – 39.8 (1.1 – 4.5)	15 – 79.7 (1.7 – 9.0)	45 – 100 (5.1 – 11.3)	800	3.1 (1.4)	10.9″ (277)	0.8″ (20)	1/4″	20 (565)

POSITIVE JAW TYPE

PISTOL

Model	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
TRIGGER START							
41PP25TSQ4	45.1 (5.1)	2,500	2.2 (1.0)	7.2″ (183)	0.8″ (20)	1/4″	20 (565)
41PP17TSQ4	64.6 (7.3)	1,700	2.4 (1.1)	7.6″ (193)	0.8″ (20)	1/4″	20 (565)
41PP10TSQ4	90.3 (10.2)	1,000	2.4 (1.1)	7.6″ (193)	0.8″ (20)	1/4″	20 (565)
41PP8TSQ4	120.4 (13.6)	800	2.4 (1.1)	7.6″ (193)	0.8″ (20)	1/4″	20 (565)

INLINE

Model	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
LEVER START							
41SP25LTQ4	45 (5.1)	2,500	2.2 (1.0)	8.6″ (218)	0.8″ (20)	1/4″	20 (565)
41SP17LTQ4	65 (7.3)	1,700	2.4 (1.1)	9.1″ (231)	0.8″ (20)	1/4″	20 (565)
41SP10LTQ4	90 (10.2)	1,000	2.4 (1.1)	9.1″ (231)	0.8″ (20)	1/4″	20 (565)
41SP8LTQ4	120 (13.6)	800	2.4 (1.1)	9.1″ (231)	0.8″ (20)	1/4″	20 (565)

STALL TYPE

PISTOL

Model	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
TRIGGER START							
41PD25TSQ4	45.1 (5.1)	2,500	2.1 (1.0)	6.9″ (176)	0.8″ (20)	1/4″	20 (565)
41PD17TSQ4	64.6 (7.3)	1,700	2.2 (1.0)	7.4″ (188)	0.8″ (20)	1/4″	20 (565)
41PD10TSQ4	90.3 (10.2)	1,000	2.2 (1.0)	7.4″ (188)	0.8″ (20)	1/4″	20 (565)
41PD8TSQ4	120.4 (13.6)	800	2.2 (1.0)	7.4″ (188)	0.8″ (20)	1/4″	20 (565)

INLINE

Model	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
LEVER START							
41SD25LTQ4	45 (5.1)	2,500	2.1 (1.0)	8.1″ (206)	0.8″ (20)	1/4″	20 (565)
41SD17LTQ4	65 (7.3)	1,700	2.3 (1.1)	8.9″ (226)	0.8″ (20)	1/4″	20 (565)
41SD10LTQ4	90 (10.2)	1,000	2.3 (1.1)	8.9″ (226)	0.8″ (20)	1/4″	20 (565)
41SD8LTQ4	120 (13.6)	800	2.3 (1.1)	8.9″ (226)	0.8″ (20)	1/4″	20 (565)

Service and Accessories

Manuals:

16574592

80167356

16575284

Accessories:
Torque arm: QTA010
Horizontal hanger: 48934
Dead handle: 48931
Spring balancer, see page 13
Top air inlet kit (push-to-start): 48995

Kits:
Mechanism kit: 48804-1

Series			
41	78 dBa	1/4″ NPT	5/16″ (8 mm)

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