

Air Fastening Tools

Ingersoll Rand offers a full line of production fastening equipment, including air screwdrivers, nutrunners, pulse tools, qualifiers, and fixtured systems in a broad range of configurations. Whether you need a solution for a single, specific application or an entire assembly line, you can trust our century of tool design experience to deliver tools that are durable enough for your toughest high-volume applications, yet still deliver the speed and accuracy you need. From Adjustable Precision Shutoff nutrunners and screwdrivers to transducerized Pulse tools, our broad product line offers the flexibility to choose the exact solution to fit your application and maximize your productivity.



55

Pistol Grip Screwdrivers



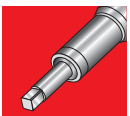
78

Inline Screwdrivers



94

Angle Nutrunners



115

Inline Nutrunners



125

Pulse Tools





Pistol Grip Air Screwdrivers

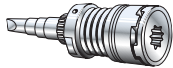
Torque Selection Guide

Adjustable Shut-Off Clutch



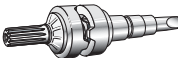
Model	0	2 Nm	4 Nm	6 Nm	8 Nm	10 Nm	12 Nm	Referral page
AG027A-26-Q	0	2						59
AG027A-15-Q	0	2	4					59
QP1T20S1D	0	2	4	6				58
1RTNS1	0	2	4	6	8			56
QP1T10S1D	0	2	4	6	8			58
AG027A-8-Q	0	2	4	6	8			59
41PA24TSQ4	0	2	4	6	8			62
1RTQS1	0	2	4	6	8	10		56
QP1T02S1D	0	2	4	6	8	10		58
41PA10TSQ4	0	2	4	6	8	10		62
41PA8TSQ4	0	2	4	6	8	10	12	62

Adjustable Cushion Clutch



Model	0	2 Nm	4 Nm	6 Nm	8 Nm	10 Nm	12 Nm	14 Nm	Referral page
SG023B-26-Q	0	2							64
SG023B-15-Q	0	2	4						64
QP1P20C1D	0	2	4	6					65
1RANC1	0	2	4	6	8				63
SG023B-9-Q	0	2	4	6	8				64
41PC25TSQ4	0	2	4	6	8				66
QP1S05C1D	0	2	4	6	8				65
5RANC1	0	2	4	6	8	10			67
41PC10TSQ4	0	2	4	6	8	10			66
41PC8TSQ4	0	2	4	6	8	10	12		66
7RALC1	0	2	4	6	8	10	12		67
7RAMC1	0	2	4	6	8	10	12	14	67

Positive Jaw



Model	0	2 Nm	4 Nm	6 Nm	8 Nm	10 Nm	12 Nm	14 Nm	16 Nm	18 Nm	20 Nm	Referral page
SG022B-26-Q	0	2										69
5RALP1	0	2	4									72
SG022B-9-Q	0	2	4	6								69
41PP25TSQ4	0	2	4	6	8							71
5RANP1	0	2	4	6	8	10						72
41PP10TSQ4	0	2	4	6	8	10	12					71
7RAMP1	0	2	4	6	8	10	12	14				72
41PP8TSQ4	0	2	4	6	8	10	12	14				71
7RANP1	0	2	4	6	8	10	12	14	16	18	20	72

Stall



Model	0	2 Nm	4 Nm	6 Nm	8 Nm	10 Nm	12 Nm	14 Nm	Referral page
SG021B-26-Q	0	2							74
SG021B-15-Q	0	2	4						74
SG021B-9-Q	0	2	4	6					74
QP1S20D1D	0	2	4	6	8				73
5RALD1	0	2	4	6	8				75
QP1S10D1D	0	2	4	6	8				73
41PD25TSQ4	0	2	4	6	8				76
7RALD1	0	2	4	6	8	10			75
QP1S05D1D	0	2	4	6	8	10	12		73
41PD10TSQ4	0	2	4	6	8	10	12		76
41PD8TSQ4	0	2	4	6	8	10	12	14	76

Pistol Grip Air Screwdrivers

Adjustable Shut-Off Clutch

1 Series

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

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

Service and Accessories

Manuals:

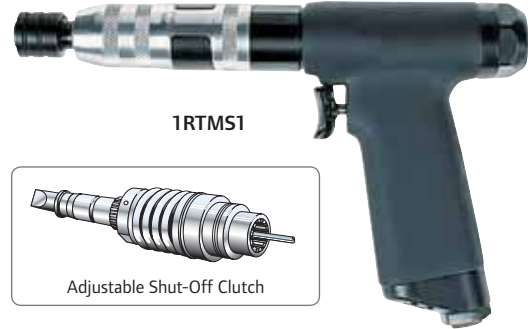
- 16574550
- 80167265

Accessories:

- Torque arm: QTA010
- Spring balancer, see page 177
- Spindle accessories, see page 183
- Suspension bail: 3RA-365
- Exhaust hose: 3RL-284

Kits:

- Tune-up kit: 3RA-TK2



1RTMS1

Adjustable Shut-Off Clutch

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
DC 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)

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

Q2 Series

Sets the standard for assembly tool ergonomics.

Features

- Torque range: 3.0 – 47.8 in-lbs (0.3 – 5.4 Nm)
- Speeds: 250 – 2,000 rpm
- Compact, lightweight, well-balanced design
- Contoured soft grip handle
- Two-finger trigger distributes grip force and reduces stress
- Top or bottom air inlets allow for optimal mounting
- Interchangeable handles offer custom fit for various hand sizes
- Recommended for applications where precise torque control is required



Service and Accessories

Manuals:

- 16574527
- 80165939
- 16575219

Accessories:

- Torque arm: QTA010
- Spring balancer, see page 177
- Spindle accessories, see page 183
- Hanger: TRP-A365

Kits:

- Inlet / throttle / motor tune-up kit: Q2PFAST-TK1
- ASO clutch tune-up kit: Q2-ASO-TK1

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
PUSH-TO-START									
QP1P20S1D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 22.1 (0.9 – 2.5)	–	2,000	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4"	16 (450)
QP1P10S1D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 27.3 (0.9 – 3.1)	13.3 – 39.8 (1.5 – 4.5)	1,000	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4"	16 (450)
QP1P10S1TD*	2.7 – 9.7 (0.3 – 1.1)	8.0 – 27.3 (0.9 – 3.1)	13.3 – 39.8 (1.5 – 4.5)	1,000	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4"	16 (450)
QP1P05S1D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 28.3 (0.9 – 3.2)	13.3 – 47.8 (1.5 – 5.4)	500	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4"	16 (450)
QP1P05S1TD*	2.7 – 9.7 (0.3 – 1.1)	8.0 – 28.3 (0.9 – 3.2)	13.3 – 47.8 (1.5 – 5.4)	500	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4"	16 (450)
QP1P02S1TD*	2.7 – 9.7 (0.3 – 1.1)	8.0 – 28.3 (0.9 – 3.2)	13.3 – 47.8 (1.5 – 5.4)	250	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4"	16 (450)

*Top air inlet.


















(continued next page)

Series			
Q2	75 dBa	1/4" NPT	1/4" (6 mm)

Pistol Grip Air Screwdrivers

Adjustable Shut-Off Clutch

Q2 Series *(continued)*

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
DC TRIGGER START									
QP1S20S1D	2.7 - 9.7 (0.3 - 1.1)	8.0 - 22.1 (0.9 - 2.5)	-	2,000	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4" 	16 (450)
QP1S20S1TD*	2.7 - 9.7 (0.3 - 1.1)	8.0 - 22.1 (0.9 - 2.5)	-	2,000	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4" 	16 (450)
QP1S10S1D	2.7 - 9.7 (0.3 - 1.1)	8.0 - 27.3 (0.9 - 3.1)	13.3 - 39.8 (1.5 - 4.5)	1,000	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4" 	16 (450)
QP1S10S1TD*	2.7 - 9.7 (0.3 - 1.1)	8.0 - 27.3 (0.9 - 3.1)	13.3 - 39.8 (1.5 - 4.5)	1,000	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4" 	16 (450)
QP1S05S1D	2.7 - 9.7 (0.3 - 1.1)	8.0 - 28.3 (0.9 - 3.2)	13.3 - 47.8 (1.5 - 5.4)	500	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4" 	16 (450)
QP1S05S1TD*	2.7 - 9.7 (0.3 - 1.1)	8.0 - 28.3 (0.9 - 3.2)	13.3 - 47.8 (1.5 - 5.4)	500	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4" 	16 (450)
QP1S02S1TD*	2.7 - 9.7 (0.3 - 1.1)	8.0 - 28.3 (0.9 - 3.2)	13.3 - 47.8 (1.5 - 5.4)	250	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4" 	16 (450)
DC TRIGGER + PUSH-TO-START									
QP1T20S1D	2.7 - 9.7 (0.3 - 1.1)	8.0 - 22.1 (0.9 - 2.5)	-	2,000	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4" 	16 (450)
QP1T20S1TD*	2.7 - 9.7 (0.3 - 1.1)	8.0 - 22.1 (0.9 - 2.5)	-	2,000	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4" 	16 (450)
QP1T10S1D	2.7 - 9.7 (0.3 - 1.1)	8.0 - 27.3 (0.9 - 3.1)	13.3 - 39.8 (1.5 - 4.5)	1,000	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4" 	16 (450)
QP1T10S1TD*	2.7 - 9.7 (0.3 - 1.1)	8.0 - 27.3 (0.9 - 3.1)	13.3 - 39.8 (1.5 - 4.5)	1,000	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4" 	16 (450)
QP1T10S3D	2.7 - 9.7 (0.3 - 1.1)	8.0 - 27.3 (0.9 - 3.1)	13.3 - 39.8 (1.5 - 4.5)	1,000	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4" 	16 (450)
QP1T05S1D	2.7 - 9.7 (0.3 - 1.1)	8.0 - 28.3 (0.9 - 3.2)	13.3 - 47.8 (1.5 - 5.4)	500	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4" 	16 (450)
QP1T05S1TD*	2.7 - 9.7 (0.3 - 1.1)	8.0 - 28.3 (0.9 - 3.2)	13.3 - 47.8 (1.5 - 5.4)	500	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4" 	16 (450)
QP1T05S3D	2.7 - 9.7 (0.3 - 1.1)	8.0 - 28.3 (0.9 - 3.2)	13.3 - 47.8 (1.5 - 5.4)	500	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4" 	16 (450)
QP1T02S1D	2.7 - 9.7 (0.3 - 1.1)	8.0 - 28.3 (0.9 - 3.2)	13.3 - 47.8 (1.5 - 5.4)	250	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4" 	16 (450)
QP1T02S1TD*	2.7 - 9.7 (0.3 - 1.1)	8.0 - 28.3 (0.9 - 3.2)	13.3 - 47.8 (1.5 - 5.4)	250	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4" 	16 (450)

*Top air inlet.

Series			
Q2	75 dBa	1/4" NPT	1/4" (6 mm)

20 Series


Legendary performance in a compact, lightweight package.

Features

- Torque range: 3.0 – 40 in-lbs (0.34 – 4.5 Nm)
- Speeds: 800 – 2,600 rpm
- Skinsulate housing provides comfortable grip surface
- One-handed reverse lever
- Recommended for applications where precise torque control is required

Service and Accessories

Manuals:

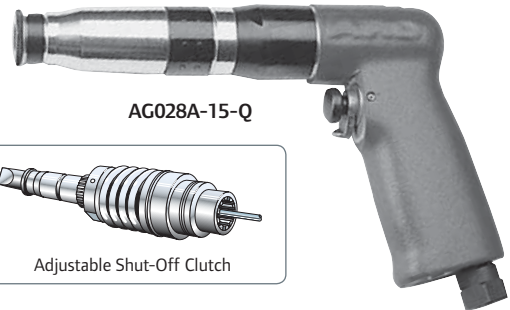
 49999246




















Accessories:

Torque arm: QTA010
 Suspension bail: 48934
 Spring balancer: BLD1
 Spindle accessories, see page 183

Kits:

Tune-up kit: 48846



Model	 in-lbs (Nm)	 in-lbs (Nm)	 in-lbs (Nm)	 rpm	 lbs (kg)	 in (mm)	 in (mm)	 in	 cfm (L/min)
TRIGGER START									
AG027A-15-Q	3.0 – 10 (0.34 – 1.1)	8.0 – 20 (0.9 – 2.3)	-	1,500	1.9 (0.9)	8.3" (210)	0.7" (17)	1/4" 	15 (420)
AG027A-9-Q	3.0 – 10 (0.34 – 1.1)	8.0 – 20 (0.9 – 2.3)	10 – 30 (1.1 – 3.4)	900	1.9 (0.9)	8.3" (210)	0.7" (17)	1/4" 	15 (420)
AG027A-8-Q	4.0 – 13 (0.5 – 1.5)	10 – 26 (1.1 – 2.9)	12 – 40 (1.4 – 4.5)	800	1.9 (0.9)	8.3" (210)	0.7" (17)	1/4" 	15 (420)
PUSH-TO-START									
AG024A-15-Q	3.0 – 10 (0.34 – 1.1)	8.0 – 20 (0.9 – 2.3)	-	1,500	1.9 (0.9)	8.3" (210)	0.7" (17)	1/4" 	15 (420)
AG024A-9-Q	3.0 – 10 (0.34 – 1.1)	8.0 – 20 (0.9 – 2.3)	10 – 30 (1.1 – 3.4)	900	1.9 (0.9)	8.3" (210)	0.7" (17)	1/4" 	15 (420)
AG024A-8-Q	4.0 – 13 (0.5 – 1.5)	10 – 26 (1.1 – 2.9)	12 – 40 (1.4 – 4.5)	800	1.9 (0.9)	8.3" (210)	0.7" (17)	1/4" 	15 (420)
TRIGGER + PUSH-TO-START									
AG028A-26-Q	3.0 – 10 (0.34 – 1.1)	-	-	2,600	1.8 (0.8)	7.9" (200)	0.7" (17)	1/4" 	15 (420)
AG028A-15-Q	3.0 – 10 (0.34 – 1.1)	8.0 – 20 (0.9 – 2.3)	-	1,500	1.9 (0.9)	8.3" (210)	0.7" (17)	1/4" 	15 (420)
AG028A-9-Q	3.0 – 10 (0.34 – 1.1)	8.0 – 20 (0.9 – 2.3)	10 – 30 (1.1 – 3.4)	900	1.9 (0.9)	8.3" (210)	0.7" (17)	1/4" 	15 (420)
AG028A-8-Q	4.0 – 13 (0.5 – 1.5)	10 – 26 (1.1 – 2.9)	12 – 40 (1.4 – 4.5)	800	1.9 (0.9)	8.3" (210)	0.7" (17)	1/4" 	15 (420)

Series			
20	76 dBa	1/4 NPT	5/16" (8 mm)

Pistol Grip Air Screwdrivers

Adjustable Shut-Off Clutch

50 Series

Legendary performance with a well-deserved reputation for durability.

Features

- Torque range: 15 – 100 in-lbs (1.7 – 11.3 Nm)
- Speeds: 800 – 2,400 rpm
- Skinsulate housing provides comfortable grip surface
- One-handed reverse lever
- Recommended for applications where precise torque control is required

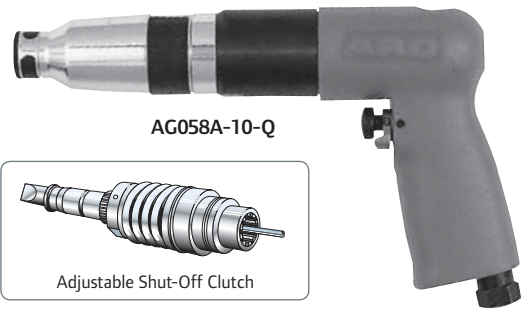
Service and Accessories

Manuals:

49999067

Accessories:

Torque arm: QTA010
Suspension bail: 48934
Dead handle: 728N-A48
Spring balancer, see page 177
Spindle accessories, see page 183



Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
DC TRIGGER START									
AG057A-24-Q	15 – 40 (1.7 – 4.5)	–	–	2,400	2.7 (1.2)	8.4" (212)	0.9" (22)	1/4"	25 (720)
AG057A-16-Q	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	–	1,600	2.9 (1.3)	8.9" (225)	0.9" (22)	1/4"	25 (720)
AG057A-10-Q	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	35 – 80 (4.0 – 9.0)	1,000	2.9 (1.3)	8.9" (225)	0.9" (22)	1/4"	25 (720)
AG057A-8-Q	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	35 – 100 (4.0 – 11.3)	800	2.9 (1.3)	8.9" (225)	0.9" (22)	1/4"	25 (720)
DC PUSH-TO-START									
AG054A-24-Q	15 – 40 (1.7 – 4.5)	–	–	2,400	2.7 (1.2)	8.4" (212)	0.9" (22)	1/4"	25 (720)
AG054A-16-Q	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	–	1,600	2.9 (1.3)	8.9" (225)	0.9" (22)	1/4"	25 (720)
AG054A-10-Q	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	35 – 80 (4.0 – 9.0)	1,000	2.9 (1.3)	8.9" (225)	0.9" (22)	1/4"	25 (720)
AG054A-8-Q	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	35 – 100 (4.0 – 11.3)	800	2.9 (1.3)	8.9" (225)	0.9" (22)	1/4"	25 (720)
DC TRIGGER + PUSH-TO-START									
AG058A-24-Q	15 – 40 (1.7 – 4.5)	–	–	2,400	2.7 (1.2)	8.4" (212)	0.9" (22)	1/4"	25 (720)
AG058A-16-Q	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	–	1,600	2.9 (1.3)	8.9" (225)	0.9" (22)	1/4"	25 (720)
AG058A-10-Q	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	35 – 80 (4.0 – 9.0)	1,000	2.9 (1.3)	8.9" (225)	0.9" (22)	1/4"	25 (720)
AG058A-8-Q	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	35 – 100 (4.0 – 11.3)	800	2.9 (1.3)	8.9" (225)	0.9" (22)	1/4"	25 (720)

Series			
50	80 dBa	1/4" NPT	5/16" (8 mm)

QRT Series

Unique Quick Reverse Touch Control (QRT) trigger makes this the ideal tool when single-hand control of speed and rotation is required.

Features

- Torque range: 3 – 100 in-lbs (0.34 – 11.3 Nm)
- Speeds: 800 – 2,600 rpm
- Simple two-finger reverse control
- Ideal for applications that require frequent reversing or realignment
- Operates as trigger + push-to-start tool in forward rotation
- Reverse trigger provides instant full-power reverse
- Recommended for applications where precise torque control is required

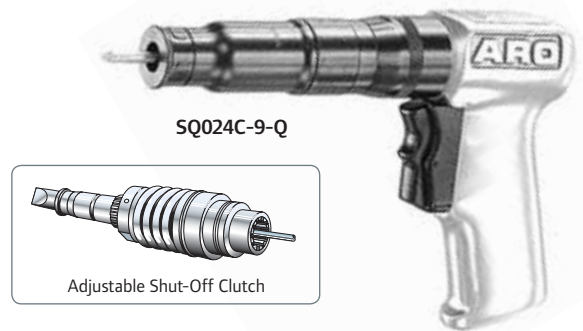
Service and Accessories








Manuals:




	49999013	20 Series
	49999054	50 Series

Accessories:

Torque arm: QTA010
Spring balancers: BLD2
Spindle accessories, see page 183



Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
20 SERIES QRT TRIGGER + PUSH-TO-START									
SQ024C-26-Q	3.0 – 10 (0.34 – 1.1)	–	–	2,600	1.9 (0.8)	7.1" (180)	0.8" (19)	1/4" 	15 (420)
SQ024C-15-Q	3.0 – 10 (0.34 – 1.1)	8.0 – 20 (0.9 – 2.3)	–	1,500	2.0 (0.9)	7.5" (191)	0.8" (19)	1/4" 	15 (420)
SQ024C-9-Q	3.0 – 10 (0.34 – 1.1)	8.0 – 20 (0.9 – 2.3)	10 – 30 (1.1 – 3.4)	900	2.0 (0.9)	7.5" (191)	0.8" (19)	1/4" 	15 (420)
SQ024C-8-Q	4.0 – 13 (0.50 – 1.5)	10 – 26 (1.1–2.9)	12 – 40 (1.4 – 4.5)	800	2.0 (0.9)	7.5" (191)	0.8" (19)	1/4" 	15 (420)
50 SERIES QRT TRIGGER + PUSH-TO-START									
SQ054C-16-Q	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	–	1,600	3.2 (1.4)	8.8" (224)	0.9" (24)	1/4" 	25 (720)
SQ054C-10-Q	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	35 – 80 (4.0 – 9.0)	1,000	3.2 (1.4)	8.8" (224)	0.9" (24)	1/4" 	25 (720)
SQ054C-8-Q	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	35 – 100 (4.0 – 11.3)	800	3.2 (1.4)	8.8" (224)	0.9" (24)	1/4" 	25 (720)

Series			
20 Series QRT	79 dBa	1/4" NPT	5/16" (8 mm)
50 Series QRT	78 dBa	1/4" NPT	5/16" (8 mm)

Pistol Grip Air Screwdrivers

Adjustable Shut-Off Clutch

41 Series




Time-tested design known for its durability and performance.

Features

- Torque range: 15 – 100 in-lbs (1.7 – 11.3 Nm)
- Speeds: 800 – 2,400 rpm
- Skinsulate housing provides comfortable grip surface
- One-handed reverse lever
- Recommended for applications where precise torque control is required

Service and Accessories

Manuals:

-  16574592
-  80167356
-  16575284

Accessories:

- Torque arm: QTA010
- Horizontal hanger: 48934
- Dead handle: 48931
- Spring balancer, see page 177
- Spindle accessories, see page 183
- Top air inlet kit (push-to-start): 48995




















Kits:

- Mechanism kit: 48804-1



41PA10TSQ4

Adjustable Shut-Off Clutch

									
Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
DC 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)
DC 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)
DC 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)

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

Pistol Grip Air Screwdrivers

Adjustable Cushion Clutch

1 Series


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

Features

- Torque range: 1.5 – 30 in-lbs (0.2 – 3.4 Nm)
- Speeds: 1,000 – 1,650 rpm
- Compact and lightweight
- Coated grip for operator comfort
- Recommended for applications that require a torque limiting clutch

Service and Accessories

Manuals:

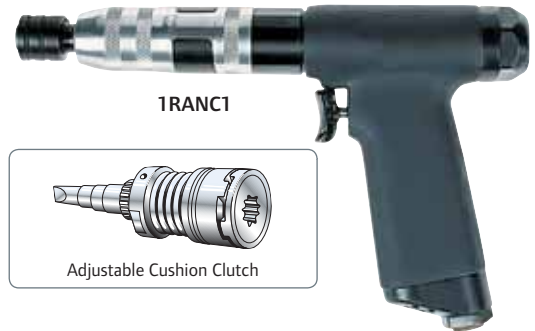
-  16574550
-  80167265



Accessories:


- Torque arm: QTA010
- Spring balancer, see page 177
- Spindle accessories, see page 183
- Hanger: 3RA-365

Kits:

- Tune-up kit: 3RA-TK2



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)

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

Pistol Grip Air Screwdrivers

Adjustable Cushion Clutch

20 & 50 Series



Legendary performance in a compact, lightweight package with a well-deserved reputation for durability.

Features

- Torque Range: 4 – 100 in-lbs (0.5 – 11.3 Nm)
- Speeds: 800 – 2,600 rpm
- Skinsulate housing provides comfortable grip surface
- One-handed reverse lever
- Recommended for applications that require a torque limiting clutch

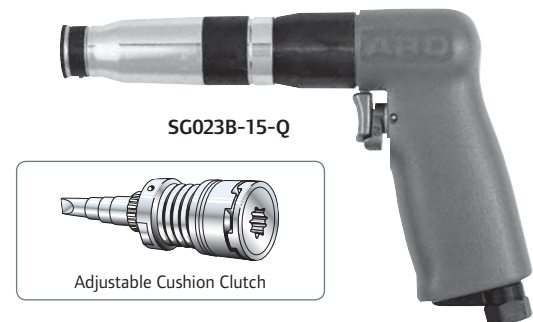
Service and Accessories

Manuals:

	49999035	20 Series
	49999093	50 Series

Accessories (20 Series and 50 Series):

Torque arm: QTA010
 Spring balancer, see page 177
 Spindle accessories, see page 183
 Suspension bail (20 Series): 47795
 Suspension bail (50 Series): 46472






SG023B-15-Q

Adjustable Cushion Clutch

Kits:

Service kit (20 Series): 46992
 Service kit (50 Series): 47353

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
20 SERIES TRIGGER START									
SG023B-26-Q	4.0 – 12 (0.5 – 1.4)	–	–	2,600	1.7 (0.8)	6.6" (169)	0.7" (17)	1/4"	15 (420)
SG023B-15-Q	4.0 – 20 (0.5 – 2.3)	–	–	1,500	1.8 (0.8)	7.0" (178)	0.7" (17)	1/4"	15 (420)
SG023B-9-Q	4.0 – 20 (0.5 – 2.3)	20 – 30 (2.3 – 3.4)	–	900	1.8 (0.8)	7.0" (178)	0.7" (17)	1/4"	15 (420)
50 SERIES TRIGGER START									
SG053B-25-Q	10 – 40 (1.1 – 4.5)	–	–	2,500	2.9 (1.4)	8.9" (226)	0.8" (21)	1/4"	25 (720)
SG053B-17-Q	10 – 40 (1.1 – 4.5)	15 – 60 (1.7 – 6.8)	–	1,700	3.1 (1.5)	9.4" (238)	0.8" (21)	1/4"	25 (720)
SG053B-10-Q	10 – 40 (1.1 – 4.5)	15 – 80 (1.7 – 9.0)	–	1,000	3.1 (1.5)	9.4" (238)	0.8" (21)	1/4"	25 (720)
SG053B-8-Q	10 – 40 (1.1 – 4.5)	15 – 80 (1.7 – 9.0)	45 – 100 (5.1 – 11.3)	800	3.1 (1.5)	9.4" (238)	0.8" (21)	1/4"	25 (720)

Series			
20	76 dBa	1/4" NPT	5/16" (8 mm)
50	78 dBa	1/4" NPT	5/16" (8 mm)

Q2 Series

Sets the standard for assembly tool ergonomics.

Features

- Torque range: 2.7 – 47.8 in-lbs (0.3 – 5.4 Nm)
- Speeds: 250 – 2,000 rpm
- Compact, lightweight, well-balanced design
- Contoured soft grip handle
- Two-finger trigger distributes grip force and reduces stress
- Interchangeable handles offer custom fit for various hand sizes
- Top or bottom air inlets allow for optimal mounting
- Recommended for applications that require a torque limiting clutch

Service and Accessories

Manuals:

- 16574527
- 80165939
- 16575219

Accessories:

- Horizontal hanger: TRP-A365
- Torque arm: QTA010
- Spring balancers, see page 177
- Spindle accessories, see page 183

Kits:

- Inlet / throttle / motor tune-up kit: Q2-PFAST-TK1
- Cushion clutch kit: Q2-CC-TK1



Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
TRIGGER START									
QP1S10C1D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 22.1 (0.9 – 2.5)	13.3 – 39.8 (1.5 – 4.5)	1,000	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4"	16 (450)
QP1S10C1TD*	2.7 – 9.7 (0.3 – 1.1)	8.0 – 22.1 (0.9 – 2.5)	13.3 – 39.8 (1.5 – 4.5)	1,000	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4"	16 (450)
QP1S05C1D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 28.3 (0.9 – 3.2)	13.3 – 47.8 (1.5 – 5.4)	500	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4"	16 (450)
QP1S05C1TD*	2.7 – 9.7 (0.3 – 1.1)	8.0 – 28.3 (0.9 – 3.2)	13.3 – 47.8 (1.5 – 5.4)	500	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4"	16 (450)
QP1S02C1TD*	2.7 – 9.7 (0.3 – 1.1)	8.0 – 28.3 (0.9 – 3.2)	13.3 – 47.8 (1.5 – 5.4)	250	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4"	16 (450)
PUSH-TO-START									
QP1P20C1D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 22.1 (0.9 – 2.5)	–	2,000	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4"	16 (450)
QP1P10C1D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 22.1 (0.9 – 2.5)	13.3 – 39.8 (1.5 – 4.5)	1,000	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4"	16 (450)
QP1P05C1D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 28.3 (0.9 – 3.2)	13.3 – 47.8 (1.5 – 5.4)	500	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4"	16 (450)
TRIGGER + PUSH-TO-START									
QP1T10C1D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 22.1 (0.9 – 2.5)	13.3 – 39.8 (1.5 – 4.5)	1,000	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4"	16 (450)
QP1T10C1TD*	2.7 – 9.7 (0.3 – 1.1)	8.0 – 22.1 (0.9 – 2.5)	13.3 – 39.8 (1.5 – 4.5)	1,000	1.9 (0.8)	8.8" (223)	0.6" (15)	1/4"	16 (450)

*Top air inlet.

Series			
Q2	75 dBa	1/4" NPT	1/4" (6 mm)

Pistol Grip Air Screwdrivers

Adjustable Cushion Clutch

41 Series

Time-tested design known for its durability and performance.

Features

- Torque range: 10 – 100 in-lbs (1.1 – 11.3 Nm)
- Speeds: 800 – 2,500 rpm
- Skinsulate housing provides comfortable grip surface
- One-handed reverse lever
- Recommended for applications that require a torque limiting clutch

Service and Accessories

Manuals:

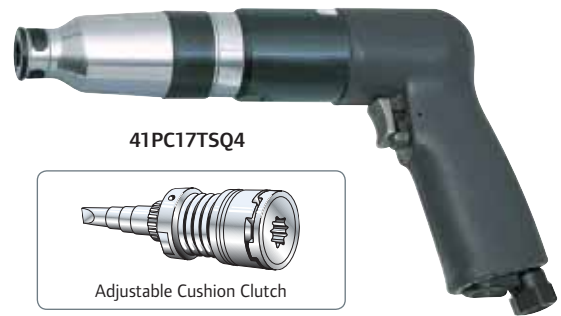
 P7098US

Accessories:

Torque arm: QTA010
Horizontal hanger: 48934
Dead handle: 48931
Spring balancer, see page 177
Spindle accessories, see page 183














Kits:

Mechanism kit: 48804-1



41PC17TSQ4

Adjustable Cushion Clutch

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)

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

5 & 7 Series



Durability and performance are the hallmarks of these proven winners.




Features

- Torque range: 13.3 – 110 in-lbs (1.5 – 12.5 Nm)
- Speeds: 900 – 2,000 rpm
- One-handed reverse lever
- Recommended for applications that require a torque limiting clutch

Service and Accessories

Manuals:

-  16574576 5 Series
-  80167273

-  16574584 7 Series
-  80167299
-  16575276















Accessories:

- Torque arm: QTA010
- Horizontal hanger: 7RA-A366
- Dead handle: 728N-A48 (5 Series only), requires (2) 5A-49
- Dead handle: R1A-A48 (7 Series only), requires (2) 7A-49
- Spring balancer, see page 177
- Spindle accessories, see page 183

Kits:

- Tune-up kit (5 Series): 5RA/5RL-TK1



Model	 in-lbs (Nm)	 in-lbs (Nm)	 in-lbs (Nm)	 rpm	 lbs (kg)	 in (mm)	 in (mm)	 in	 cfm (L/min)
5C 5 SERIES TRIGGER START									
5RALC1	13.3 – 35.4 (1.5 – 4.0)	–	–	2,000	2.6 (1.2)	8.8" (223)	0.8" (21)	1/4" 	17 (480)
5RALC3	13.3 – 35.4 (1.5 – 4.0)	–	–	2,000	2.6 (1.2)	9.0" (229)	0.8" (21)	1/4" 	17 (480)
5RANC1	13.3 – 54.9 (1.5 – 6.2)	54.9 – 70.8 (6.2 – 8.0)	–	900	2.9 (1.3)	9.5" (241)	0.8" (21)	1/4" 	17 (480)
5C 7 SERIES TRIGGER START									
7RALC1	15 – 55.4 (1.7 – 6.3)	15 – 75.2 (1.7 – 8.5)	–	1,800	3.1 (1.4)	10.0" (254)	0.9" (23)	1/4" 	27 (760)
7RAMC1	20.4 – 85.9 (2.3 – 9.7)	25.7 – 110.6 (2.9 – 12.5)	–	1,000	3.3 (1.5)	10.6" (268)	0.9" (23)	1/4" 	27 (760)

Series			
5	75 dBa	1/4" NPT	1/4" (6 mm)
7	79 dBa	1/4" NPT	5/16" (8 mm)

Pistol Grip Air Screwdrivers

Adjustable Cushion Clutch

QRT Series

Unique Quick Reverse Touch Control (QRT) trigger makes this the ideal tool when single-hand control of speed and rotation is required.

Features

- Torque range: 8.0 – 70.0 in-lbs (0.9 – 7.9 Nm)
- Speeds: 600 – 2,100 rpm
- Simple two-finger forward / reverse control
- Ideal for applications that require frequent reversing or realignment
- Operates as trigger + push-to-start tool in forward rotation
- Reverse trigger provides instant full-power reverse
- Recommended for applications that require a torque limiting clutch

Service and Accessories

Manuals:

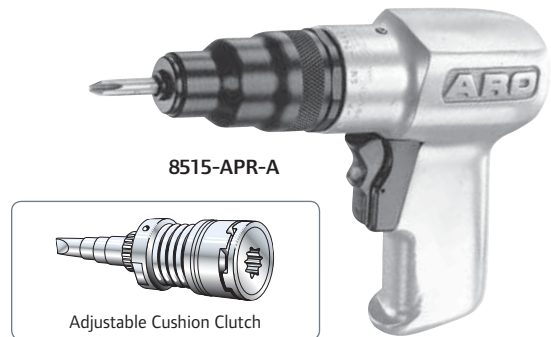
49999032

Accessories:

Torque arm: QTA010
Spring balancer: BLD2
Spindle accessories, see page 183

Kits:

Service kit: 42114



Model	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
DC TRIGGER + PUSH-TO-START							
8521-APR-A	8 – 40 (0.9 – 4.5)	2,100	2.5 (1.1)	7.5" (190)	0.9" (23)	1/4"	27 (762)
8515-APR-A	8 – 45 (0.9 – 5.1)	1,500	2.5 (1.1)	7.5" (190)	0.9" (23)	1/4"	27 (762)
8509-APR-A	8 – 50 (0.9 – 5.7)	900	3.1 (1.4)	8.9" (226)	0.9" (23)	1/4"	26 (732)
8506-APR-A	8 – 70 (0.9 – 7.9)	600	3.1 (1.4)	8.9" (226)	0.9" (23)	1/4"	24 (678)

Series			
QRT	82 dBa	1/4" NPT	5/16" (8 mm)

Pistol Grip Air Screwdrivers

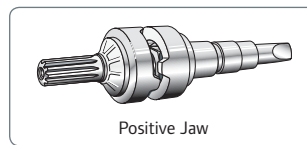
Positive Jaw

20 & 50 Series

Legendary performance in a compact, lightweight package with a well-deserved reputation for durability.

Features

- Torque range: 12 – 120 in-lbs (1.4 – 13.6 Nm)
- Speeds: 800 – 2,600 rpm
- Skinsulate housing provides comfortable grip surface
- One-handed reverse lever
- Torque adjusted by limiting air pressure
- Recommended for applications that require more driving torque than final seating torque



Service and Accessories

Manuals:

- 49999035 20 Series
- 49999093 50 Series
- 49999096 Woodworking screwdriver

Accessories:

- Torque arm: QTA010
- Suspension bail (20 Series): 47795
- Suspension bail (50 Series): 46472
- Spring balancer, see page 177
- Spindle accessories, see page 183

Kits:

- Service kit (20 Series): 46992
- Service kit (50 Series): 47353

Model	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
20 SERIES TRIGGER START							
SG022B-26-Q	12 (1.4)	2,600	1.5 (0.7)	5.1" (131)	0.7" (17)	1/4"	15 (420)
SG022B-15-Q	25 (2.8)	1,500	1.6 (0.7)	5.5" (140)	0.7" (17)	1/4"	15 (420)
SG022B-9-Q	38 (4.3)	900	1.6 (0.7)	5.5" (140)	0.7" (17)	1/4"	15 (420)
50 SERIES ANGLE JAW TRIGGER START							
SG052B-25-Q	45 (5.1)	2,500	2.4 (1.1)	7.2" (182)	0.8" (21)	1/4"	25 (720)
SG052B-17-Q	65 (7.3)	1,700	2.6 (1.2)	7.6" (194)	0.8" (21)	1/4"	25 (720)
SG052B-10-Q	90 (10.2)	1,000	2.6 (1.2)	7.6" (194)	0.8" (21)	1/4"	25 (720)
SG052B-8-Q	120 (13.6)	800	2.6 (1.2)	7.6" (194)	0.8" (21)	1/4"	25 (720)
50 SERIES 90 DEGREE JAW TRIGGER START							
SG059B-17-Q	65 (7.3)	1,700	2.6 (1.2)	7.6" (194)	0.8" (21)	1/4"	25 (720)
SG059B-10-Q	90 (10.2)	1,000	2.6 (1.2)	7.6" (194)	0.8" (21)	1/4"	25 (720)
SG059B-8-Q	120 (13.6)	800	2.6 (1.2)	7.6" (194)	0.8" (21)	1/4"	25 (720)
TRIGGER START WOODWORKING SCREWDRIVER							
7672-A18	74 (8.4)	1,800	2.6 (1.2)	6.6" (169)	0.9" (22)	1/4"	27 (720)

Series			
20	76 dBa	1/4" NPT	5/16" (8 mm)
50	78 dBa	1/4" NPT	5/16" (8 mm)

Series			
Woodworking	78 dBa	1/4" NPTF	5/16" (8mm)

Pistol Grip Air Screwdrivers

Positive Jaw

QRT Series



Unique Quick Reverse Touch Control (QRT) trigger makes this the ideal tool when single-hand control of speed and rotation is required.

Features

- Torque range: 40 – 110 in-lbs (1.1 – 12.5 Nm)
- Speeds: 600 – 2,100 rpm
- Simple two-finger reverse control
- Ideal for applications that require frequent reversing or realignment
- Operates as trigger + push-to-start tool in forward rotation
- Recommended for applications that require more driving torque than final seating torque

Service and Accessories

Manuals:

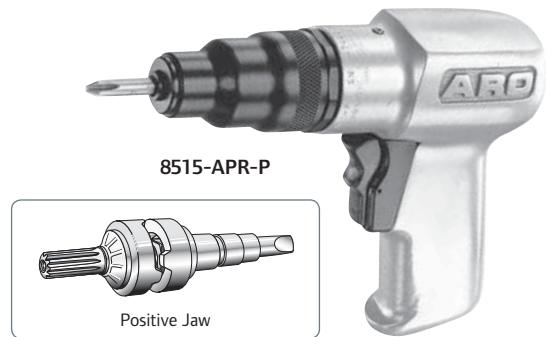
	49999183	000 Series
	49999032	0 Series













Accessories (000 Series and 0 Series):




Torque arm: QTA010
Spring balancer: BLD2
Spindle accessories, see page 183

Kits:

Service kit (0 Series): 42341



							
Model	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
000 QRT SERIES TRIGGER START							
8683-BPR-P	50 (5.7)	750	2.0 (0.9)	7.1" (179)	0.8" (20)	1/4" 	17 (480)
0 QRT SERIES TRIGGER START							
8521-APR-P	45 (5.1)	2,100	2.2 (1.0)	6.8" (173)	0.9" (23)	1/4" 	27 (762)
8515-APR-P	50 (5.7)	1,500	2.9 (1.3)	8.2" (208)	0.9" (23)	1/4" 	27 (762)
8509-APR-P	80 (9.1)	900	2.9 (1.3)	8.2" (208)	0.9" (23)	1/4" 	26 (732)
8506-APR-P	110 (12.5)	600	2.9 (1.3)	8.2" (208)	0.9" (23)	1/4" 	24 (678)

Series			
000	82 dBa	1/4" NPT	5/16" (8 mm)
0	82 dBa	1/4" NPT	5/16" (8 mm)

41 Series

Time-tested design known for its durability and performance.

Features

- Torque range: 45 – 120 in-lbs (5.1 – 13.6 Nm)
- Speeds: 800 – 2,500 rpm
- Skinsulate housing provides comfortable grip surface
- One-handed reverse lever
- Torque adjusted by limiting air pressure
- Recommended for applications that require more driving torque than final seating torque

Service and Accessories

Manuals:

 P7098

Accessories:

- Horizontal hanger: 48934
- Dead handle: 48931
- Torque arm: QTA010
- Spring balancer, see page 177
- Spindle accessories, see page 183












Kits:



Mechanism kit: 48804-1



41PP25TSQ4

Positive Jaw

							
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)

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

Pistol Grip Air Screwdrivers

Positive Jaw

5 & 7 Series





Durability and performance are the hallmarks of these proven winners.

Features

- Torque range: 35.4 – 166.4 in-lbs (4.0 – 18.8 Nm)
- Speeds: 700 – 2,000 rpm
- One-handed reverse lever
- Torque adjusted by limiting air pressure
- Recommended for applications that require more driving torque than final seating torque

Service and Accessories

Manuals:

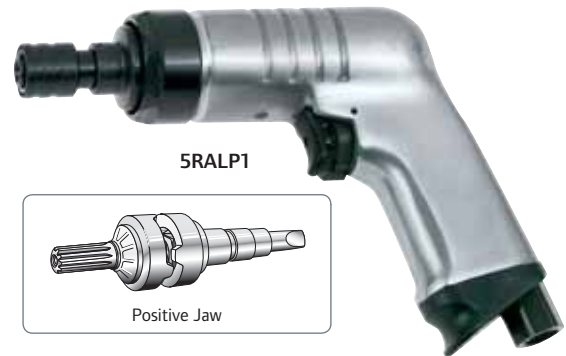
-  16574576 5 Series
-  80167273
-  16574584 7 Series
-  16575276












Accessories:

Torque arm: QTA010
 Dead handle: 728N-A48 (5 Series only), requires (2) 5A-49
 Dead handle: R1A-A48 (7 Series only), requires (2) 7A-49
 Spring balancer, see page 177
 Spindle accessories, see page 183

Kits:

Tune-up kit (5 Series): 5RA/5RL-TK1



							
Model	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
DC 5 SERIES TRIGGER START							
5RALP1	35.4 (4.0)	2,000	1.9 (0.9)	7.2" (184)	0.8" (21)	1/4" 	17 (480)
5RANP1	70.8 (8.0)	900	2.2 (1.0)	8.0" (203)	0.8" (21)	1/4" 	17 (480)
DC 7 SERIES TRIGGER START							
7RAMP1	115.9 (13.1)	1,000	3.1 (1.4)	9.3" (237)	0.9" (22)	1/4" 	27 (760)
7RANP1	166.4 (18.8)	700	3.1 (1.4)	9.3" (237)	0.9" (22)	1/4" 	27 (760)

Series			
5	75 dBa	1/4" NPT	1/4" (6 mm)
7	79 dBa	1/4" NPT	5/16" (8 mm)

Pistol Grip Air Screwdrivers

Stall

Q2 Series

Compact design handles tight clearance applications with ease.

Features

- Torque range: 25.7 – 86.7 in-lbs (2.9 – 9.8 Nm)
- Speeds: 500 – 2,000 rpm
- Compact, lightweight, well-balanced design
- Contoured soft grip handle
- Two-finger trigger distributes grip force and reduces stress
- Interchangeable handles offer custom fit for various hand sizes
- Top or bottom air inlets allow for optimal mounting
- Recommended for soft-draw applications in wood or other materials not requiring critical torque control

Service and Accessories

Manuals:

- 16574527
- 80165939

Accessories:

- Torque arm: QTA010
- Spring balancer, see page 177
- Spindle accessories, see page 183
- Horizontal hanger: TRP-A365

Kits:

- Inlet / throttle / motor tune-up kit: Q2-PFAST-TK1



Model	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
DC TRIGGER START							
QP1S20D1D	25.7 (2.9)	2000	1.5 (0.7)	6.4" (162)	0.6" (15)	1/4"	16 (450)
QP1S20D1TD*	25.7 (2.9)	2000	1.5 (0.7)	6.4" (162)	0.6" (15)	1/4"	16 (450)
QP1S15D1D	30.1 (3.4)	1500	1.5 (0.7)	6.4" (162)	0.6" (15)	1/4"	16 (450)
QP1S15D1TD*	30.1 (3.4)	1500	1.5 (0.7)	6.4" (162)	0.6" (15)	1/4"	16 (450)
QP1S10D1D	46 (5.2)	1000	1.5 (0.7)	6.4" (162)	0.6" (15)	1/4"	16 (450)
QP1S10D1TD*	46 (5.2)	1000	1.5 (0.7)	6.4" (162)	0.6" (15)	1/4"	16 (450)
QP1S05D1D	86.7 (9.8)	500	1.5 (0.7)	6.4" (162)	0.6" (15)	1/4"	16 (450)
QP1S05D1TD*	86.7 (9.8)	500	1.5 (0.7)	6.4" (162)	0.6" (15)	1/4"	16 (450)

*Top air inlet.

Series			
Q2	75 dBa	1/4" NPT	1/4" (6 mm)

Pistol Grip Air Screwdrivers

Stall

20 & 50 Series


Legendary performance in a compact, lightweight package with a well-deserved reputation for durability.

Features

- Torque range: 12 – 120 in-lbs (1.4 – 13.6 Nm)
- Speeds: 800 – 2,600 rpm
- Skinsulate housing provides comfortable grip surface
- One-handed reverse lever
- Torque adjusted by limiting air pressure
- Recommended for soft pull applications not requiring critical torque control

Service and Accessories

Manuals:

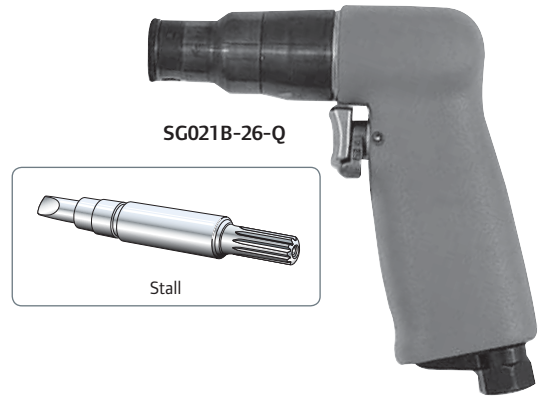
	49999035	20 Series
	49999093	50 Series















Accessories (20 Series and 50 Series):



Torque arm: QTA010
 Dead handle: 728N-A48
 Spring balancer, see page 177
 Spindle accessories, see page 183
 Suspension bail (20 Series): 47795
 Suspension bail (50 Series): 46472

Kits:

Service kit (20 Series): 46992
 Service kit (50 Series): 47353



Model	 in-lbs (Nm)	 rpm	 lbs (kg)	 in (mm)	 in (mm)	 in	 cfm (L/min)
20 SERIES TRIGGER START							
SG021B-26-Q	12 (1.4)	2,600	1.3 (0.6)	4.6" (118)	0.7" (17)	1/4" 	15 (420)
SG021B-15-Q	25 (2.8)	1,500	1.4 (0.6)	5.0" (128)	0.7" (17)	1/4" 	15 (420)
SG021B-9-Q	38 (4.3)	900	1.4 (0.6)	5.0" (128)	0.7" (17)	1/4" 	15 (420)
50 SERIES TRIGGER START							
SG051B-25-Q	45 (4.0)	2,500	2.2 (1.0)	6.9" (175)	0.8" (21)	1/4" 	25 (720)
SG051B-17-Q	65 (7.3)	1,700	2.4 (1.1)	7.4" (187)	0.8" (21)	1/4" 	25 (720)
SG051B-10-Q	90 (10.2)	1,000	2.4 (1.1)	7.4" (187)	0.8" (21)	1/4" 	25 (720)
SG051B-8-Q	120 (13.6)	800	2.4 (1.1)	7.4" (187)	0.8" (21)	1/4" 	25 (720)

Series			
20	76 dBa	1/4" NPT	5/16" (8 mm)
50	78 dBa	1/4" NPT	5/16" (8 mm)

5 & 7 Series



Durability and performance are the hallmarks of these proven winners.




Features

- Torque range: 35.4 – 70.8 in-lbs (4.0 – 8.0 Nm)
- Speeds: 900 – 2,000 rpm
- One-handed reverse lever
- Torque adjusted by limiting air pressure
- Recommended for soft-draw applications in wood or other materials not requiring critical torque control

Service and Accessories

Manuals:

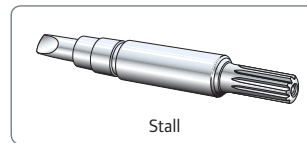
-  16574576 5 Series
-  80167273

-  16574584 7 Series
-  80167299
-  16575276

Accessories (5 Series):

- Horizontal hanger: 7RA-A366
- Dead handle: 728N-A48, requires (2) 5A-49
- Horizontal hanger: R1A-A48 (7 Series only), requires (2) 7A-49
- Torque arm: QTA010











5RALD1



Stall

Kits:

- Tune-up kit (5 Series): 5RA/5RL-TK1

							
Model	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
5C 5 SERIES TRIGGER START							
5RALD1	35.4 (4.0)	2,000	1.9 (0.9)	7.2" (184)	0.8" (21)	1/4" 	17 (480)
5RAND1	70.8 (8.0)	900	2.1 (1.0)	8.0" (203)	0.8" (21)	1/4" 	17 (480)
5C 7 SERIES TRIGGER START							
7RALD1	70.8 (8.0)	1,800	2.8 (1.3)	8.6" (219)	0.9" (23)	1/4" 	27 (765)

Series			
5	75 dBa	1/4" NPT	1/4" (6 mm)
7	79 dBa	1/4" NPT	5/16" (8 mm)

Pistol Grip Air Screwdrivers

Stall

41 Series

Time-tested design known for its durability and performance.

Features

- Torque range: 45 – 120 in-lbs (5.1 – 13.6 Nm)
- Speeds: 800 – 2,500 rpm
- Skinsulate housing provides comfortable grip surface
- One-handed reverse lever
- Torque adjusted by limiting air pressure
- Recommended for soft-draw applications in wood or other materials not requiring critical torque control

Service and Accessories

Manuals:

 P7098





Accessories:

Horizontal hanger: 48934
 Dead handle: 48931
 Torque arm: QTA010
 Spring balancer, see page 177
 Spindle accessories, see page 183

Kits:

Mechanism kit: 48804-1



Model	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
DC 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)

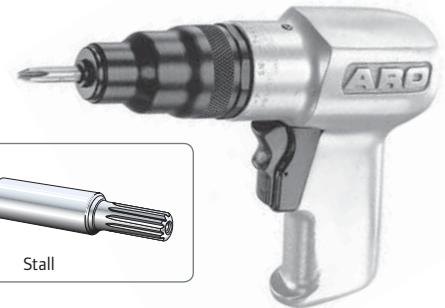
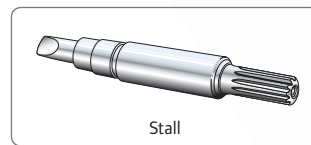
Series			
41	78 dBa	1/4" NPT	5/16" (8 mm)

QRT Series

Unique Quick Reverse Touch Control (QRT) trigger makes this the ideal tool when single hand control of speed and rotation is required.

Features

- Torque Range: 15 – 110 in-lbs (1.7 – 12.5 Nm)
- Speeds: 600 – 2,300 rpm
- Simple two-finger reverse control
- Ideal for applications that require frequent reversing or realignment
- Recommended for soft-draw applications in wood or other materials not requiring critical torque control



Service and Accessories

Manuals:














	49999183	000 Series
	49999032	0 Series




Accessories (000 Series and 0 Series):

Torque arm: QTA010
Spring balancer: BLD2
Spindle accessories, see page 183

Kits:

Service kit (0 Series): 42122-2

							
Model	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
DC 000 SERIES TRIGGER START							
8684-BPR-D	15 (1.7)	2,300	1.3 (0.6)	4.8" (123)	0.8" (20)	1/4" 	23 (648)
8683-BPR-D	50 (5.7)	750	1.6 (0.7)	6.0" (152)	0.8" (20)	1/4" 	17 (480)
DC 0 SERIES TRIGGER START							
8521-BPR-D	45 (5.1)	2,100	2.2 (1.0)	6.8" (173)	0.9" (23)	1/4" 	27 (762)
8515-BPR-D	50 (5.7)	1,500	2.8 (1.3)	8.2" (208)	0.9" (23)	1/4" 	27 (762)
8509-BPR-D	80 (9.1)	900	2.8 (1.3)	8.2" (208)	0.9" (23)	1/4" 	26 (732)
8506-BPR-D	110 (12.5)	600	2.8 (1.3)	8.2" (208)	0.9" (23)	1/4" 	24 (678)

Series			
000 QRT	82 dBa	1/4" NPT	5/16" (8 mm)
0 QRT	82 dBa	1/4" NPT	5/16" (8 mm)

Inline Air Screwdrivers

Adjustable Shut-Off Clutch

1 Series

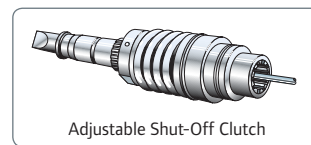
Time-tested design provides repeatable results day in and day out at an economical price.

Features

- Torque range: 3.7 – 45.1 in-lbs (0.3 – 5.1 Nm)
- Speeds: 500 – 2,800 rpm
- Compact and lightweight
- Coated grip for operator comfort
- Simple push-button reverse
- Recommended for joints where precise torque control is required



1RPQ51



Adjustable Shut-Off Clutch

Service and Accessories

Manuals:



16574550



80167265

Accessories:

Torque reaction arm: QTA010
Spring balancer: BLD1
Spindle accessories, see page 183

Kits:

Reversible motor kit: 0-TK2

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
DC LEVER START									
IRLNS1	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)
DC PUSH-TO-START									
IRPLS1	4.4 – 13.3 (0.5 – 1.5)	–	–	2,800	1.1 (0.5)	8.4" (213)	0.6" (14)	1/4"	13 (368)
IRPMS1	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)
IRPNS1	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)
IRPQ51	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)

Series			
1	73 dBA	1/8" NPT	1/4" (6 mm)

Inline Air Screwdrivers

Adjustable Shut-Off Clutch

Q2 Series

Sets the standard for assembly tool ergonomics.

Features

- Torque range: 2.7 – 47.8 in-lbs (0.3 – 5.4 Nm)
- Speeds: 250 – 2,000 rpm
- Compact, lightweight, well-balanced design
- Egg-shaped housing employs a natural fit
- Soft-grip surface over molded on a composite core provides a comfortable texture and temperature
- Recommended for joints where precise torque control is required

Service and Accessories

Manuals:

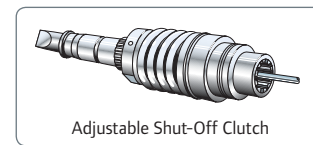
- 16574501, 16574493
- 80165921
- 16575185, 16575193

Accessories:

- Spring balancer, see page 177
- Workstation, see page 182
- Spindle accessories, see page 183
- Piped away exhaust kit: LG1-K284



QS1P20S1D



Adjustable Shut-Off Clutch

Kits:















- ASO tune-up kit: Q2-AS0-TK1
- Inlet / throttle / motor tune-up kit: Q2-TK1

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
DC LEVER START									
QS1L20S1D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 22.1 (0.9 – 2.5)	–	2,000	1.5 (0.7)	9.5" (241)	0.9" (22)	1/4"	16 (450)
QS1L15S1D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 27.4 (0.9 – 3.1)	–	1,500	1.5 (0.7)	9.5" (241)	0.9" (22)	1/4"	16 (450)
QS1L10S1D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 22.1 (0.9 – 2.5)	13.3 – 39.8 (1.5 – 4.5)	1,000	1.5 (0.7)	9.5" (241)	0.9" (22)	1/4"	16 (450)
QS1L05S1D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 28.3 (0.9 – 3.2)	13.3 – 47.8 (1.5 – 5.4)	500	1.5 (0.7)	9.5" (241)	0.9" (22)	1/4"	16 (450)
QS1L02S1D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 28.3 (0.9 – 3.2)	13.3 – 47.8 (1.5 – 5.4)	250	1.5 (0.7)	9.5" (241)	0.9" (22)	1/4"	16 (450)
DC PUSH-TO-START									
QS1P20S1D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 22.1 (0.9 – 2.5)	–	2,000	1.4 (0.6)	8.8" (223)	0.9" (22)	1/4"	16 (450)
QS1P15S1D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 27.4 (0.9 – 3.1)	–	1,500	1.4 (0.6)	8.8" (223)	0.9" (22)	1/4"	16 (450)
QS1P10S1D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 22.1 (0.9 – 2.5)	13.3 – 39.8 (1.5 – 4.5)	1,000	1.4 (0.6)	8.8" (223)	0.9" (22)	1/4"	16 (450)
QS1P05S1D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 28.3 (0.9 – 3.2)	13.3 – 47.8 (1.5 – 5.4)	500	1.4 (0.6)	8.8" (223)	0.9" (22)	1/4"	16 (450)
QS1P02S1D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 28.3 (0.9 – 3.2)	13.3 – 47.8 (1.5 – 5.4)	250	1.4 (0.6)	8.8" (223)	0.9" (22)	1/4"	16 (450)
QS1P15S3D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 27.4 (0.9 – 3.1)	–	1,500	1.4 (0.6)	8.8" (223)	0.9" (22)	1/4"	16 (450)
QS1P10S3D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 22.1 (0.9 – 2.5)	13.3 – 39.8 (1.5 – 4.5)	1,000	1.4 (0.6)	8.8" (223)	0.9" (22)	1/4"	16 (450)
QS1P05S3D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 28.3 (0.9 – 3.2)	13.3 – 47.8 (1.5 – 5.4)	500	1.4 (0.6)	8.8" (223)	0.9" (22)	1/4"	16 (450)

(continued next page)

Series			
Q2	75 dBA	1/4" NPT	1/4" (6 mm)

Q2 Series (continued)

									
Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
DC LEVER + PUSH-TO-START									
QS1T20S1D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 22.1 (0.9 – 2.5)	–	2,000	1.5 (0.7)	9.5" (241)	0.9" (22)	1/4" 	16 (450)
QS1T15S1D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 27.4 (0.9 – 3.1)	–	1,500	1.5 (0.7)	9.5" (241)	0.9" (22)	1/4" 	16 (450)
QS1T10S1D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 22.1 (0.9 – 2.5)	13.3 – 39.8 (1.5 – 4.5)	1,000	1.5 (0.7)	9.5" (241)	0.9" (22)	1/4" 	16 (450)
QS1T05S1D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 28.3 (0.9 – 3.2)	13.3 – 47.8 (1.5 – 5.4)	500	1.5 (0.7)	9.5" (241)	0.9" (22)	1/4" 	16 (450)
QS1T02S1D	2.7 – 9.7 (0.3 – 1.1)	8.0 – 28.3 (0.9 – 3.2)	13.3 – 47.8 (1.5 – 5.4)	250	1.5 (0.7)	9.5" (241)	0.9" (22)	1/4" 	16 (450)

Series			
Q2	75 dBA	1/4" NPT	1/4" (6 mm)

Inline Air Screwdrivers

Adjustable Shut-Off Clutch

20 & 50 Series

Legendary performance in a compact, lightweight package with a well-deserved reputation for durability.

Features

- Torque range: 3.0 – 100 in-lbs (0.34 – 11.3 Nm)
- Speeds: 800 – 2,600 rpm
- Skinsulate housing provides comfortable grip surface on push-to-start models
- Simple push-button reverse
- Recommended for joints where precise torque control is required

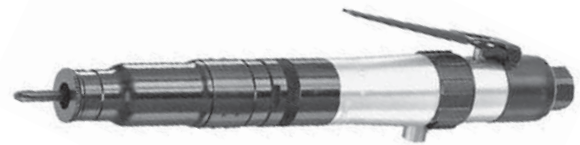
Service and Accessories

Manuals:

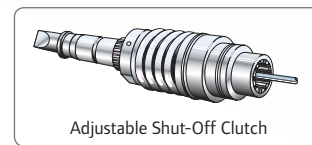
- 49999035 20 Series
- 49999246
- 49999093 50 Series

Accessories:

- Torque arm: QTA010
- Spring balancer, see page 177
- Spindle accessories, see page 183
- Workstation, see page 182
- Dead handle: 48931 (50 Series only)
- Piped away exhaust kit: 5L-K184



AS028A-15-Q



Adjustable Shut-Off Clutch

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
20 SERIES PUSH-TO-START									
SA024C-26-Q	3.0 – 10 (0.34 – 1.1)	–	–	2,600	1.2 (0.5)	8.3" (210)	0.6" (15)	1/4"	15 (420)
SA024C-15-Q	3.0 – 10 (0.34 – 1.1)	8.0 – 20 (0.9 – 2.3)	–	1,500	1.3 (0.6)	8.6" (219)	0.6" (15)	1/4"	15 (420)
SA024C-9-Q	3.0 – 10 (0.34 – 1.1)	8.0 – 20 (0.9 – 2.3)	10 – 30 (1.1 – 3.4)	900	1.3 (0.6)	8.6" (219)	0.6" (15)	1/4"	15 (420)
SA024C-8-Q	4.0 – 13 (0.5 – 1.5)	10 – 26 (1.1 – 2.9)	12 – 40 (1.4 – 4.5)	800	1.3 (0.6)	8.6" (219)	0.6" (15)	1/4"	15 (420)
20 SERIES LEVER + PUSH-TO-START									
AS028A-15-Q	3.0 – 10 (0.34 – 1.1)	8.0 – 20 (0.9 – 2.3)	–	1,500	1.5 (0.7)	9.5" (240)	0.6" (15)	1/4"	15 (420)
AS028A-9-Q	3.0 – 10 (0.34 – 1.1)	8.0 – 20 (0.9 – 2.3)	10 – 30 (1.1 – 3.4)	900	1.5 (0.7)	9.5" (240)	0.6" (15)	1/4"	15 (420)
AS028A-8-Q	4.0 – 13 (0.5 – 1.5)	10 – 26 (1.1 – 2.9)	12 – 40 (1.4 – 4.5)	800	1.5 (0.7)	9.5" (240)	0.6" (15)	1/4"	15 (420)
50 SERIES PUSH-TO-START									
SA054C-17-Q	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	–	1,700	2.8 (1.3)	10.3" (260)	0.9" (22)	1/4"	25 (720)
SA054C-10-Q	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	35 – 80 (4.0 – 9.0)	1,000	2.8 (1.3)	10.3" (260)	0.9" (22)	1/4"	25 (720)
SA054C-8-Q	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	35 – 100 (4.0 – 11.3)	800	2.8 (1.3)	10.3" (260)	0.9" (22)	1/4"	25 (720)
50 SERIES LEVER + PUSH-TO-START									
AS058A-10-Q	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	35 – 80 (4.0 – 9.0)	1,000	3.0 (1.4)	10.9" (278)	0.9" (22)	1/4"	25 (720)
AS058A-8-Q	15 – 40 (1.7 – 4.5)	25 – 60 (2.8 – 6.8)	35 – 100 (4.0 – 11.3)	800	3.0 (1.4)	10.9" (278)	0.9" (22)	1/4"	25 (720)

Series			
20	76 dBA	1/4" NPT	5/16" (8mm)
50	80 dBA	1/4" NPT	5/16" (8mm)

41 Series

Time-tested design known for its durability and performance.

Features

- Torque range: 15 – 100 in-lbs (1.7 – 11.3 Nm)
- Speeds: 800 – 2500 rpm
- Skinsulate housing provides a comfortable grip surface, requiring less force and pressure during operation
- Simple push-button reverse
- Recommended for joints where precise torque control is required

Service and Accessories

Manuals:

- 80167356
- 16575284

Accessories:

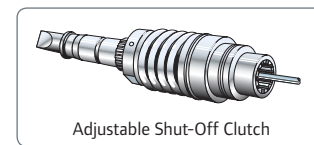
- Bail: 46328
- Spring balancer: BLD2
- Torque reaction arm: QTA010
- Dead handle: 48931
- Spindle accessories, see page 183

Kits:

- Mechanism tune-up kit: 48804-1



41SA10PSQ4



Adjustable Shut-Off Clutch

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
DC 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)
DC 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)

Series			
41	78 dBA	1/4" NPT	5/16" (8 mm)

Inline Air Screwdrivers

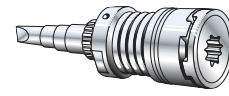
Adjustable Cushion Clutch

1 Series

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



1RPMC1



Adjustable Cushion Clutch

Features

- Torque range: 2.7 – 30.1 in-lbs (0.3 – 3.4 Nm)
- Speeds: 1,000 – 1,650 rpm
- Compact and lightweight
- Coated grip for operator comfort
- Simple push-button reverse
- Recommended for joints that require a torque limiting clutch

Service and Accessories

Manuals:



16574550



80167265

Accessories:

Torque reaction arm: QTA010
Spring balancer: BLD1
Spindle accessories, see page 183

Kits:

Motor tune-up kit: 0-TK2

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)

Series			
1	73 dBA	1/8" NPT	1/4" (6 mm)

Q2 Series

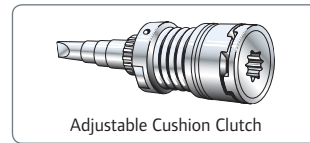
Sets the standard for assembly tool ergonomics.

Features

- Torque range: 3.0 – 47.8 in-lbs (0.3 - 5.4 Nm)
- Speeds: 250 – 2,800 rpm
- Compact, lightweight, well-balanced design
- Egg-shaped housing employs a natural fit
- Soft-grip surface over molded on a composite core provides a comfortable texture and temperature
- Recommended for joints that require a torque limiting clutch



QS1P10C1D



Adjustable Cushion Clutch

Service and Accessories

Manuals:

- 16574493, 16574501
- 80165921
- 16575185, 16575193

Accessories:

- Spring balancer: see page 177
- Piped away exhaust kit: LG1-K284
- Workstation, see page 182
- Spindle accessories, see page 183

Kits:

- QS inlet / throttle / motor tune-up kit: Q2-TK1
- Cushion clutch kit: Q2-CC-TK1

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
OC LEVER START									
QS1L28C1D	3.0 – 9.7 (0.3 – 1.1)	–	–	2,800	1.5 (0.7)	9.5" (241)	0.9" (22)	1/4"	16 (450)
QS1L20C1D	3.0 – 9.7 (0.3 – 1.1)	8.0 – 22.1 (0.9 – 2.5)	–	2,000	1.5 (0.7)	9.5" (241)	0.9" (22)	1/4"	16 (450)
QS1L15C1D	3.0 – 9.7 (0.3 – 1.1)	8.0 – 22.1 (0.9 – 2.5)	–	1,500	1.5 (0.7)	9.5" (241)	0.9" (22)	1/4"	16 (450)
QS1L10C1D	3.0 – 9.7 (0.3 – 1.1)	8.0 – 22.1 (0.9 – 2.5)	13.3 – 40 (1.5 – 4.52)	1,000	1.5 (0.7)	9.5" (241)	0.9" (22)	1/4"	16 (450)
QS1L10C3D	3.0 – 9.7 (0.3 – 1.1)	8.0 – 22.1 (0.9 – 2.5)	13.3 – 40 (1.5 – 4.52)	1,000	1.5 (0.7)	9.5" (241)	0.9" (22)	1/4"	16 (450)
QS1L05C1D	3.0 – 9.7 (0.3 – 1.1)	8.0 – 28.3 (0.9 – 3.2)	13.3 – 47.8 (1.5 – 5.4)	500	1.5 (0.7)	9.5" (241)	0.9" (22)	1/4"	16 (450)
OC PUSH-TO-START									
QS1P28C1D	3.0 – 9.7 (0.3 – 1.1)	–	–	2,800	1.4 (0.6)	8.8" (223)	0.9" (22)	1/4"	16 (450)
QS1P20C1D	3.0 – 9.7 (0.3 – 1.1)	8.0 – 22.1 (0.9 – 2.5)	–	2,000	1.4 (0.6)	8.8" (223)	0.9" (22)	1/4"	16 (450)
QS1P15C1D	3.0 – 9.7 (0.3 – 1.1)	8.0 – 22.1 (0.9 – 2.5)	–	1,500	1.4 (0.6)	8.8" (223)	0.9" (22)	1/4"	16 (450)
QS1P10C1D	3.0 – 9.7 (0.3 – 1.1)	8.0 – 22.1 (0.9 – 2.5)	13.3 – 40.0 (1.5 – 4.5)	1,000	1.4 (0.6)	8.8" (223)	0.9" (22)	1/4"	16 (450)
QS1P05C1D	3.0 – 9.7 (0.3 – 1.1)	8.0 – 28.3 (0.9 – 3.2)	13.3 – 47.8 (1.5 – 5.4)	500	1.4 (0.6)	8.8" (223)	0.9" (22)	1/4"	16 (450)

Series			
Q2	75 dBA	1/4" NPT	1/4" (6 mm)

Inline Air Screwdrivers

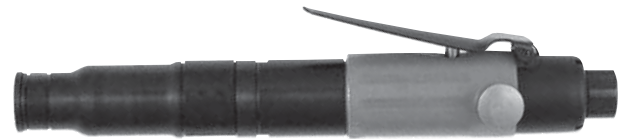
Adjustable Cushion Clutch

20 & 50 Series

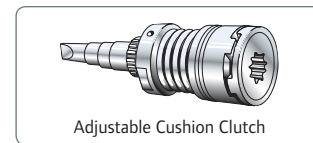
Legendary performance in a compact, lightweight package with a well-deserved reputation for durability.

Features

- Torque range: 4 – 100 in-lbs (0.5 – 11.3 Nm)
- Speeds: 800 – 2,600 rpm
- Skinsulate housing provides comfortable grip surface
- Simple push-button reverse
- Recommended for assembling that requires a torque limiting clutch





SL023B-15-Q



Adjustable Cushion Clutch

Service and Accessories

Manuals:















-  49999035 20 Series
-  49999093 50 Series

Accessories:

- Torque reaction arm: QTA010
Spring balancer, see page 177
Spindle accessories, see page 183
Piped away exhaust kit: 5L-K184

Kits:

- 20 Series tune-up kit: 46992
50 Series tune-up kit: 47353

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
20 SERIES LEVER START									
SL023B-26-Q	-	4.0 – 12 (0.5 – 1.4)	-	2,600	1.2 (0.5)	8.2" (208)	0.6" (15)	1/4" 	15 (420)
SL023B-15-Q	-	4.0 – 20 (0.5 – 2.3)	-	1,500	1.3 (0.6)	8.5" (217)	0.6" (15)	1/4" 	15 (420)
SL023B-9-Q	-	4.0 – 20 (0.5 – 2.3)	20 – 30 (2.3 – 3.4)	900	1.3 (0.6)	8.5" (217)	0.6" (15)	1/4" 	15 (420)
20 SERIES PUSH-TO-START									
SA023B-26-Q	-	4.0 – 12 (0.5 – 1.4)	-	2,600	1.2 (0.5)	8.2" (208)	0.6" (15)	1/4" 	15 (420)
SA023B-15-Q	-	4.0 – 20 (0.5 – 2.3)	-	1,500	1.3 (0.6)	8.5" (217)	0.6" (15)	1/4" 	15 (420)
SA023B-9-Q	-	4.0 – 20 (0.5 – 2.3)	20 – 30 (2.3 – 3.4)	900	1.3 (0.6)	8.5" (217)	0.6" (15)	1/4" 	15 (420)
50 SERIES LEVER START									
SL053B-25-Q	10 – 40 (1.1 – 4.5)	-	-	2,500	2.9 (1.4)	10.4" (264)	0.8" (21)	1/4" 	25 (720)
SL053B-17-Q	10 – 40 (1.1 – 4.5)	15 – 60 (1.7 – 6.8)	-	1,700	3.1 (1.5)	10.9" (277)	0.8" (21)	1/4" 	25 (720)
SL053B-10-Q	10 – 40 (1.1 – 4.5)	15 – 80 (1.7 – 9.0)	-	1,000	3.1 (1.5)	10.9" (277)	0.8" (21)	1/4" 	25 (720)
SL053B-8-Q	10 – 40 (1.1 – 4.5)	15 – 80 (1.7 – 9.0)	45 – 100 (5.1 – 11.3)	800	3.1 (1.5)	10.9" (277)	0.8" (21)	1/4" 	25 (720)
50 SERIES PUSH-TO-START									
SA053B-25-Q	10 – 40 (1.1 – 4.5)	-	-	2,500	2.6 (1.2)	10.4" (264)	0.8" (21)	1/4" 	25 (720)
SA053B-17-Q	10 – 40 (1.1 – 4.5)	15 – 60 (1.7 – 6.8)	-	1,700	2.8 (1.3)	10.9" (277)	0.8" (21)	1/4" 	25 (720)
SA053B-10-Q	10 – 40 (1.1 – 4.5)	15 – 80 (1.7 – 9.0)	-	1,000	2.8 (1.3)	10.9" (277)	0.8" (21)	1/4" 	25 (720)
SA053B-8-Q	10 – 40 (1.1 – 4.5)	15 – 80 (1.7 – 9.0)	45 – 100 (5.1 – 11.3)	800	2.8 (1.3)	10.9" (277)	0.8" (21)	1/4" 	25 (720)

Series			
20	76 dBA	1/4" NPT	5/16" (8mm)
50	78 dBA	1/4" NPT	5/16" (8mm)

41 Series

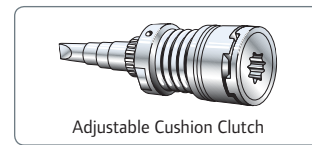
Time-tested design known for its durability and performance.

Features

- Torque range: 10 – 100 in-lbs (1.1 – 11.3 Nm)
- Speeds: 800 – 2,500 rpm
- Skinsulate housing provides a comfortable grip surface, requiring less force and pressure during operation
- Simple push-button reverse
- Recommended for assembling that requires a torque limiting clutch



41SC10LTQ4



Adjustable Cushion Clutch

Service and Accessories

Manuals:

- 80167356
- 16575284

Accessories:

- Torque arm, see page 180
- Spring balancer, see page 177
- Spindle accessories, see page 183
- Dead handle: 48931
- Bail: 46328

Kits:

- Mechanism tune-up kit: 48804-1

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
DC 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)
DC 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)

Series			
41	78 dBA	1/4" NPT	5/16" (8 mm)

Inline Air Screwdrivers

Adjustable Cushion Clutch

5 & 7 Series







Durability and performance are the hallmarks of these proven winners.

Features

- Torque range: 13 – 110 in-lbs (1.5 – 12.5 Nm)
- Speeds: 1,000 – 2,100 rpm
- Simple push-button reverse
- External torque adjustments with no tool disassembly required
- Recommended for assembly that requires a torque limiting clutch

Service and Accessories

Manuals:

-  16574576 5 Series
-  80167273
-  16575276
-  16574584 7 Series
-  80167299
-  16575276

Accessories:

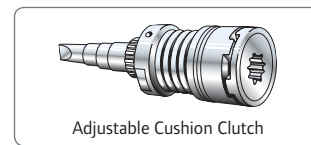
- Dead handle: 728N-A48 (5 Series only) requires (2) 5A-49, R1A-A48 (7 Series only) requires (2) 7A-49
- Suspension bail: 5RL-365 (5 Series only), 7L-365 (7 Series only)
- Piped away exhaust kit: 5L-K184 (5 Series only), 7L-K284 (7 Series only)
- Torque arm, see page 180
- Spindle accessories, see page 183
- Spring balancer, see page 177

Kits:






- Mechanism tune-up kit (7 Series): 6RL-S/D-A/T-TK1






7RLMC1



Adjustable Cushion Clutch

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
5 SERIES LEVER START									
5RLLC1	13 – 35 (1.5 – 4.0)	–	–	2,100	2.6 (1.1)	10.0" (254)	0.8" (21)	1/4" 	16 (460)
5RLNC1	13 – 54 (1.5 – 6.3)	55 – 75 (6.3 – 8.5)	–	1,000	2.9 (1.3)	10.7" (273)	0.8" (21)	1/4" 	16 (460)
5RLNC3	13 – 54 (1.5 – 6.3)	55 – 75 (6.3 – 8.5)	–	1,000	2.9 (1.3)	11.0" (279)	0.8" (21)	1/4" 	16 (460)
7 SERIES LEVER START									
7RLLC1	15 – 55 (1.7 – 6.3)	15 – 75 (1.7 – 8.5)	–	2,100	2.9 (1.3)	11.3" (287)	0.9" (22)	1/4" 	27 (762)
7RLMC1	20 – 85 (2.3 – 9.7)	25 – 110 (2.8 – 12.5)	–	1,200	3.1 (1.4)	11.9" (302)	0.9" (22)	1/4" 	27 (762)

Series			
5	75 dBA	1/4" NPT	1/4" (6 mm)
7	79 dBA	1/4" NPT	5/16" (8 mm)

Inline Air Screwdrivers

Positive Jaw

20 & 50 Series

Legendary performance in a compact, lightweight package with a well-deserved reputation for durability.

Features

- Torque range: 25 – 120 in-lbs (2.8 – 13.6 Nm)
- Speeds: 800 – 2,500 rpm
- Skinsulate housing provides comfortable grip surface
- Simple push-button reverse
- Recommended for assembly that requires more driving torque than final seating torque

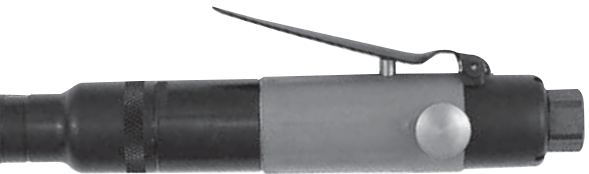
Service and Accessories

Manuals:

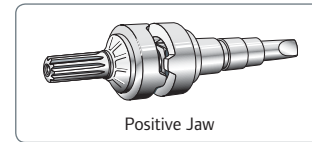
- 49999035 20 Series
- 49999093 50 Series

Accessories:

- Dead handle: 48931 (50 Series only)
- Suspension bail: 5RL-365
- Piped away exhaust kit: 5L-K184
- Torque arm: QTA010
- Spindle accessories, see page 183



SL022B-9-Q



Positive Jaw

Model	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
20 SERIES ANGLE JAW							
SL022B-15-Q	25 (2.8)	1,500	1.1 (0.5)	7.0" (178)	0.6" (15)	1/4"	15 (420)
SL022B-9-Q	38 (4.3)	900	1.1 (0.5)	7.0" (178)	0.6" (15)	1/4"	15 (420)
50 SERIES ANGLE JAW							
SL052B-25-Q	45 (4.0)	2,500	2.4 (1.1)	8.6" (219)	0.8" (21)	1/4"	25 (720)
SL052B-17-Q	65 (7.3)	1,700	2.6 (1.2)	9.1" (232)	0.8" (21)	1/4"	25 (720)
SL052B-10-Q	90 (10.2)	1,000	2.6 (1.2)	9.1" (232)	0.8" (21)	1/4"	25 (720)
SL052B-8-Q	120 (13.6)	800	2.6 (1.2)	9.1" (232)	0.8" (21)	1/4"	25 (720)

Series			
20	76 dBA	1/4" NPT	5/16" (8mm)
50	78 dBA	1/4" NPT	5/16" (8mm)

Inline Air Screwdrivers

Positive Jaw

41 Series

Time-tested design known for its durability and performance.

Features

- Torque range: 45 – 120 in-lbs (5.1 – 13.6 Nm)
- Speeds: 800 – 2,500 rpm
- Skinsulate housing provides a comfortable grip surface, requiring less force and pressure during operation
- Simple push-button reverse
- Recommended for assembly that requires more driving torque than final seating torque

Service and Accessories

Manuals:

- 80167356
- 16575284

Accessories:

- Torque reaction arm: QTA010
- Dead handle: 48931
- Suspension bail: 46328
- Spring balancer, see page 177
- Spindle accessories, see page 183



41SP10LTQ4

Positive Jaw

Kits:

- Mechanism tune-up kit: 48804-1

Model	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
DC 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)

Series			
41	78 dBA	1/4" NPT	5/16" (8 mm)

Inline Air Screwdrivers

Stall

20 & 50 Series



Legendary performance in a compact, lightweight package with a well-deserved reputation for durability.

Features

- Torque range: 12 – 120 in-lbs (1.5 – 13.6 Nm)
- Speeds: 800 – 2,600 rpm
- Skinsulate housing provides comfortable grip surface
- Simple push-button reverse
- Recommended for soft pull applications not requiring critical torque control

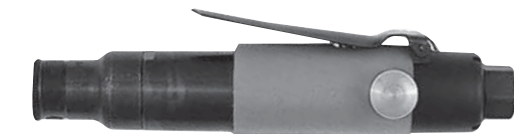
Service and Accessories

Manuals:

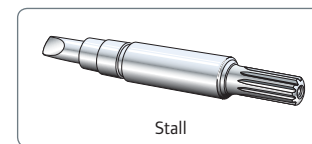
	49999035	20 Series
	49999093	50 Series

Accessories:

Dead handle: 48931 (50 Series only)
Torque arm: QTA010
Spring balancers, see page 177
Spindle accessories, see page 183
Suspension bail: 5RL-365
Piped away exhaust kit: 5L-K184










SL021B-15-Q



Stall

Kits:

20 Series tune-up kit: 46992
50 Series tune-up kit: 47353

Model	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
20 SERIES LEVER START							
SL021B-26-Q	12 (1.5)	2,600	0.9 (0.4)	6.2" (157)	0.6" (15)	1/4" 	15 (420)
SL021B-15-Q	25 (2.8)	1,500	1.0 (0.5)	6.5" (167)	0.6" (15)	1/4" 	15 (420)
SL021B-9-Q	38 (4.3)	900	1.0 (0.5)	6.5" (167)	0.6" (15)	1/4" 	15 (420)
50 SERIES LEVER START							
SL051B-25-Q	45 (4.0)	2,500	2.2 (1.0)	8.1" (206)	0.8" (21)	1/4" 	25 (720)
SL051B-17-Q	65 (7.3)	1,700	2.4 (1.1)	8.9" (225)	0.8" (21)	1/4" 	25 (720)
SL051B-10-Q	90 (10.2)	1,000	2.4 (1.1)	8.9" (225)	0.8" (21)	1/4" 	25 (720)
SL051B-8-Q	120 (13.6)	800	2.4 (1.1)	8.9" (225)	0.8" (21)	1/4" 	25 (720)

Series			
20	76 dBA	1/4" NPT	5/16" (8mm)
50	78 dBA	1/4" NPT	5/16" (8mm)

Inline Air Screwdrivers

Stall

Q2 Series

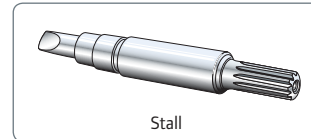
Sets the standard for assembly tool ergonomics.

Features

- Torque range: 16 – 51 in-lbs (1.8 – 5.8 Nm)
- Speeds: 1,000 – 2,800 rpm
- Compact, lightweight, well-balanced design
- Egg-shaped housing employs a natural fit
- Soft-grip surface over molded on a composite core provides a comfortable texture and temperature
- Recommended for soft draw applications in wood or other materials not requiring critical torque control



QS1L10D1D



Service and Accessories

Manuals:

- 16574501
- 80165921
- 16575193

Accessories:

- Spring balancer, see page 177
- Workstation, see page 182
- Spindle accessories, see page 183
- Piped away exhaust kit: L01-K284

Kits:

- Inlet / throttle / motor tune up kit: Q2-TK1

Model	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
DC LEVER START							
QS1L28D1D	16 (1.8)	2,800	1.3 (0.6)	9.5" (241)	0.9" (22)	1/4"	16 (460)
QS1L20D1D	26 (2.9)	2,000	1.3 (0.6)	9.5" (241)	0.9" (22)	1/4"	16 (460)
QS1L10D1D	51 (5.8)	1,000	1.3 (0.6)	9.5" (241)	0.9" (22)	1/4"	16 (460)

Series			
Q2	75 dBA	1/4" NPT	1/4" (6 mm)

41 Series


Time-tested design known for its durability and performance.

Features

- Torque Range: 45 – 120 in-lbs (5.1 – 13.6 Nm)
- Speeds: 800 – 2,500 rpm
- Skinsulate housing provides a comfortable grip surface, requiring less force and pressure during operation
- Simple push-button reverse
- Recommended for soft pull applications not requiring critical torque control

Service and Accessories

Manuals:

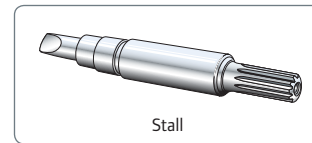
-  80167356
-  16575284

Accessories:

- Dead handle: 48931
- Torque reaction arm: QTA010
- Spindle accessories, see page 183
- Bail: 46328






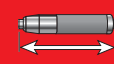


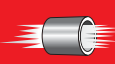




41SD10LTQ4



Stall

Kits:

- Mechanism tune-up kit: 48804-1

							
Model	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in	cfm (L/min)
DC 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)

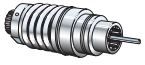
Series			
41	75 dBA	1/4" NPT	5/16" (8 mm)



Angle Air Nutrunners

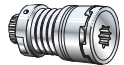
Torque Selection Guide

Adjustable Shut-Off Clutch



Model	0 Nm	25 Nm	50 Nm	75 Nm	100 Nm	250 Nm	Referral page
QA1L18S4LD	█						96
QA1L12S4LD	█						96
QA1L05S4SD	█						96
1RLN2S5	█						95
QA1L08S4LD	█						96
QA1L02S4LD	█						97
41AA9LTS6	█						99
41AA6LTS6	█						99
QA4AALS020NP25S06		█					100
QA4AALS030NP28S06		█					100
QA6AALS040NP35S06		█					101
QA4AALS...		█					100
QA6AALS070NP35S06			█				101
QA8AALS070NP43S08			█				102
QA6AALS...		█					101
QA8AALS090NP43S08			█				102
QA8AALS...		█					102

Adjustable Cushion Clutch



Model	0 Nm	5 Nm	10 Nm	15 Nm	20 Nm	Referral page
QA1L18C4LD		█				103
QA1L12C4LD		█				103
5RLK2C5		█				106
QA1L08C4LD		█				103
5RLL2C5		█				106
QA1L05C1LD		█				104
SR053B-11H-H		█				105
5RLN2C6		█				106
7RLL2C6		█				106
7RLM3C6		█				106
SR053B-6H-H		█				105

Stall



Model	0 Nm	25 Nm	50 Nm	75 Nm	100 Nm	250 Nm	Referral page
SR021B-17R-H	█						107
SR021B-10R-H	█						107
QA1L12D4LD	█						108
5RLK2D6	█						110
5RLL2D6	█						110
QA1L08D4LD	█						108
QA1L02D6LD	█						108
7RLL3D6	█						110
QA1L05D4LD	█						108
5RLN2D6	█						110
7RLM3D6	█						110
7RLN3D6	█						110
QA4AALD...	█						112
9RSQ83	█						110
QA6AALD...	█						113
QA8AALD...	█						114

Angle Air Nutrunners

Adjustable Shut-Off

1 Series

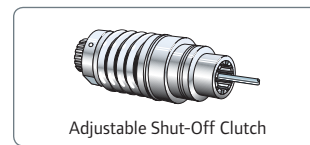
Time-tested design provides repeatable results day in and day out at an economical price.

Features

- Torque Range: 3.5 – 46.0 in-lbs (0.4 – 5.2 Nm)
- Speeds: 700 rpm
- Compact and lightweight
- Coated grip for operator comfort
- 1/4" quick change or square drive options
- Recommended for applications where precise torque control is required



1RLN2S3



Adjustable Shut-Off Clutch

Service and Accessories

Manuals:

- 16574568
- 80167380
- 16575250

Accessories:

- Spring balancer: BLD1
- Spindle accessories, see page 183

Kits:

- Tune up kit: 0-TK2

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in (mm)	in
DC LEVER START									
1RLN2S5	3.5 – 23.0 (0.4 – 2.6)	7.1 – 34.5 (0.8 – 3.9)	9.7 – 46.0 (1.1 – 5.2)	700	1.7 (0.8)	12.5" (318)	0.52" (13.2)	1.3" (33)	1/4" □
1RLN2S3	3.5 – 23.0 (0.4 – 2.6)	7.1 – 34.5 (0.8 – 3.9)	9.7 – 46.0 (1.1 – 5.2)	700	1.7 (0.8)	12.5" (318)	0.52" (13.2)	1.3" (33)	1/4" ○

Series				
1	73 dBA	1/8" NPT	1/4" (6 mm)	13 cfm (368 L/min)

Angle Air Nutrunners

Adjustable Shut-Off

Q2 Series

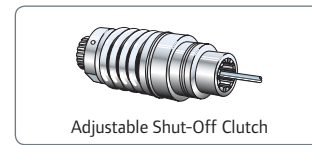
Sets the standard for assembly tool ergonomics.

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



QA1L05S4LD



Adjustable Shut-Off Clutch

Service and Accessories

Manuals:

- 16574543
- 80167406
- 16584062

Accessories:

- Spring balancer, see page 177
- Vertical hanger: 7L-365
- Piped away exhaust kit: LG1-K284
























Kits:





- Service kit: 48803-1
- Clutch kit: Q2-ASO-TK1
- Inlet / throttle / motor kit: Q2-TK1

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in (mm)	in
DC LEVER START									
QA1L18S4LD	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" □
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" □
QA1L18S6LD	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)	3/8" □
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" ○
QA1L18S9LD	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" □

(continued next page)

Q2 Series (continued)

									
Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in (mm)	in
QA1L08S9LD	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" 
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" 
QA1L02S6LD	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)	3/8" 
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" 

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

Angle Air Nutrunners

Adjustable Shut-Off

50 Series


Legendary performance with a well-deserved reputation for durability.

Features

- Torque Range: 20 – 130 in-lbs (2.2 – 14.7 Nm)
- Speeds: 600 – 2,400 rpm
- Auto-shut-off clutch provides accuracy with proven durability
- Multiple head and drive sizes available
- Recommended for applications where precise torque control is required

Service and Accessories

Manuals:

 49999389

Accessories:

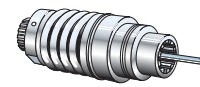
Spring balancer: BLD2
Sockets, see form # IR-0506-016

Kits:






















Service kit: 48804-1
Service kit: 47107







AR058A-16R-2



Adjustable Shut-Off Clutch

Model	 in-lbs (Nm)	 in-lbs (Nm)	 in-lbs (Nm)	 rpm	 lbs (kg)	 in (mm)	 in (mm)	 in (mm)	 in
DC LEVER START									
AR058A-24R-1	20 – 40 (2.2 – 4.5)	–	–	2,400	3.6 (1.6)	13.5" (343)	0.6" (15)	1.9" (48.3)	1/4" 
AR058A-24R-2	20 – 40 (2.2 – 4.5)	–	–	2,400	3.6 (1.6)	13.5" (343)	0.6" (15)	1.9" (48.3)	3/8" 
AR058A-24R-H	20 – 40 (2.2 – 4.5)	–	–	2,400	3.6 (1.6)	13.5" (343)	0.6" (15)	1.9" (48.3)	1/4" 
AR058A-16R-1	25 – 58 (2.8 – 6.5)	–	–	1,650	3.6 (1.6)	13.5" (343)	0.6" (15)	1.9" (48.3)	1/4" 
AR058A-16R-2	25 – 58 (2.8 – 6.5)	–	–	1,650	3.6 (1.6)	13.5" (343)	0.6" (15)	1.9" (48.3)	3/8" 
AR058A-16R-H	25 – 58 (2.8 – 6.5)	–	–	1,650	3.6 (1.6)	13.5" (343)	0.6" (15)	1.9" (48.3)	1/4" 
AR058A-9R-1	25 – 58 (2.8 – 6.5)	25 – 90 (2.8 – 10.2)	–	950	3.8 (1.7)	14.0" (356)	0.6" (15)	1.9" (48.3)	1/4" 
AR058A-9R-2	25 – 58 (2.8 – 6.5)	25 – 90 (2.8 – 10.2)	–	950	3.8 (1.7)	14.0" (356)	0.6" (15)	1.9" (48.3)	3/8" 
AR058A-9R-H	25 – 58 (2.8 – 6.5)	25 – 90 (2.8 – 10.2)	–	950	3.8 (1.7)	14.0" (356)	0.6" (15)	1.9" (48.3)	1/4" 
AR058A-6H-2	23 – 52 (2.6 – 5.9)	23 – 81 (2.6 – 9.2)	35 – 130 (4.0 – 14.7)	600	4.0 (1.8)	14.2" (360)	0.7" (17)	1.5" (38.1)	3/8" 
AR058A-6H-H	23 – 52 (2.6 – 5.9)	23 – 81 (2.6 – 9.2)	35 – 130 (4.0 – 14.7)	600	4.0 (1.8)	14.2" (360)	0.7" (17)	1.5" (38.1)	1/4" 
AR058A-6H-F	23 – 52 (2.6 – 5.9)	23 – 81 (2.6 – 9.2)	35 – 130 (4.0 – 14.7)	600	4.0 (1.8)	14.2" (360)	0.7" (17)	1.5" (38.1)	1/4" 

Series				
50	80 dBA	1/4" NPT	5/16" (8 mm)	25 cfm (720 L/min)

41 Series



Time-tested design known for its durability and performance.

Features

- Torque Range: 25 – 130 in-lbs (2.8 – 14.7 Nm)
- Speeds: 600 – 950 rpm
- Auto-shut-off clutch provides accuracy with proven durability
- Multiple drive sizes available
- Recommended for applications where precise torque control is required

Service and Accessories

Manuals:

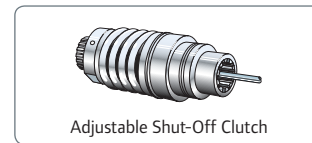
-  16574600
-  80167398

Accessories:

Spring balancer: BLD2
Sockets, see form # IR-0506-016












41AA9LTS6







Adjustable Shut-Off Clutch

Kits:

Service kit: 48804-1

Model	 in-lbs (Nm)	 in-lbs (Nm)	 in-lbs (Nm)	 rpm	 lbs (kg)	 in (mm)	 in (mm)	 in (mm)	 in
DC LEVER START									
41AA9LTS6	25 – 58 (2.8 – 6.5)	25 – 90 (2.8 – 10.2)	–	950	3.9 (1.8)	14.2" (360)	0.6" (15.0)	1.5" (38.1)	3/8" □
41AA9LTH4	25 – 58 (2.8 – 6.5)	25 – 90 (2.8 – 10.2)	–	950	3.9 (1.8)	14.2" (360)	0.6" (15.0)	1.5" (38.1)	1/4" ○
41AA6LTS6	23 – 52 (2.6 – 5.9)	23 – 81 (2.6 – 9.2)	35 – 130 (4.0 – 14.7)	600	4.0 (1.8)	14.2" (360)	0.7" (17.8)	1.9" (48.3)	3/8" □
41AA6LTH4	23 – 52 (2.6 – 5.9)	23 – 81 (2.6 – 9.2)	35 – 130 (4.0 – 14.7)	600	4.0 (1.8)	14.2" (360)	0.7" (17.8)	1.9" (48.3)	1/4" ○

Series				
41	79 dBA	1/4" NPT	5/16" (8 mm)	31 cfm (878 L/min)

Angle Air Nutrunners

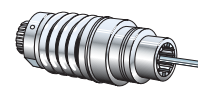
Adjustable Shut-Off

QA4 Series

Accuracy, durability, and flexibility combine to maximize productivity.

Features




- Torque Range: 3.7 – 40.6 ft-lbs (5.0 – 55 Nm)
- Speeds: 200 – 1,025 rpm
- Adjustable shut-off clutch provides repeatability that improves joint quality
- Quick, precise shut-off limits scatter and torque reaction
- Lube-free motor
- Proven durability using world-class QE Series components
- Ergonomic grip for operator comfort
- Recommended for applications where precise torque control is required



Adjustable Shut-Off Clutch

Service and Accessories

Manuals:










-  80160344
-  80160336
-  80217474





Accessories:

- Torque arms, see page 180
- Swivel hanger: 129851
- Piped away exhaust kit: QA4-EXH-989
- Cycle count part kit: 131711
- Mounting flanges, see page 47
- Spring balancer, see page 177

Kits:

- Motor kit: QA4-1-K53
- Housing kit: QA4-1-K40
- Clutch ball kit: QA4-1-K581

									
Model	90 psi ft-lbs (Nm)	90 psi rpm	77 psi ft-lbs (Nm)	77 psi rpm	lbs (kg)	in (mm)	in (mm)	in (mm)	in
DC LEVER START									
QA4AALS011NP25S06	3.7 – 8.5 (5.0 – 11)	1,025	3.7 – 7.2 (5.0 – 9.7)	953	3.17 (1.44)	13.5" (342)	0.50" (13)	1.28" (33)	3/8" <input type="checkbox"/>
QA4AALS015NP25S06	5.2 – 11.1 (7.0 – 15)	800	5.2 – 9.4 (7.0 – 12.7)	744	3.17 (1.44)	13.5" (342)	0.50" (13)	1.28" (33)	3/8" <input type="checkbox"/>
QA4AALS020NP25S06	7.4 – 14.8 (10 – 20)	625	7.4 – 12.5 (10 – 17)	581	3.17 (1.44)	13.5" (342)	0.50" (13)	1.28" (33)	3/8" <input type="checkbox"/>
QA4AALS020NP28S06	7.4 – 14.8 (10 – 20)	625	7.4 – 12.5 (10 – 17)	581	3.35 (1.52)	14.3" (363)	0.55" (14)	1.39" (35)	3/8" <input type="checkbox"/>
QA4AALS030NP28S06	11.1 – 22.1 (15 – 30)	425	11.1 – 18.8 (15 – 25.5)	395	3.35 (1.52)	14.3" (363)	0.55" (14)	1.39" (35)	3/8" <input type="checkbox"/>
QA4AALS040NP35S06	14.8 – 29.5 (20 – 40)	325	14.8 – 25.1 (20 – 34)	302	3.98 (1.81)	15.6" (395)	0.69" (18)	1.71" (44)	3/8" <input type="checkbox"/>
QA4AALS040NP35S08	14.8 – 29.5 (20 – 40)	325	14.8 – 25.1 (20 – 34)	302	4.00 (1.81)	15.6" (395)	0.69" (18)	1.71" (44)	1/2" <input type="checkbox"/>
QA4AALS055NP35S08	18.4 – 40.6 (25 – 55)	200	18.4 – 33.6 (25 – 45.5)	186	4.50 (2.04)	16.4" (418)	0.69" (18)	1.71" (44)	1/2" <input type="checkbox"/>

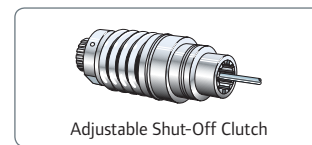
Series				
QA4	79.3 dBA	1/4" NPT	3/8" (8 mm)	27 cfm (765 L/min)

QA6 Series

Accuracy, durability, and flexibility combine to maximize productivity.

Features

- Torque Range: 11.1 – 66.4 ft-lbs (15 – 90 Nm)
- Speeds: 175 – 580 rpm
- Adjustable shut-off clutch provides repeatability that improves joint quality
- Quick, precise shut-off limits scatter and torque reaction
- Lube-free motor
- Proven durability using world-class QE Series components
- Ergonomic grip for operator comfort
- Recommended for applications where precise torque control is required



Service and Accessories

Manuals:

- 16601072
- 16601064
- 16601056

Accessories:

- Swivel hanger: QA6-A365-S
- Piped away exhaust kit: QA6-K284
- Torque arms, see page 180
- Mounting flanges, see page 47
- Sockets, see form # IR-0506-016

Kits:

- Motor kit: QA6-1-K53
- Clutch ball kit: QA6-1-K581
- Housing kit: QA6-1-K581

Model	90 psi ft-lbs (Nm)	90 psi rpm	77 psi ft-lbs (Nm)	77 psi rpm	lbs (kg)	in (mm)	in (mm)	in (mm)	in	
QC LEVER START										
QA6AALS030NP35S06	11.1 – 22.1 (15 – 30)	580	11.1 – 19.9 (15 – 27)	550	5.05 (2.29)	16.9" (429)	0.69" (18)	1.71" (44)	3/8"	
QA6AALS040NP35S06	14.8 – 29.5 (20 – 40)	430	14.8 – 25.8 (20 – 35)	405	5.05 (2.29)	16.9" (429)	0.69" (18)	1.71" (44)	3/8"	
QA6AALS040NP35S08	14.8 – 29.5 (20 – 40)	430	14.8 – 25.8 (20 – 35)	405	5.07 (2.30)	16.9" (429)	0.69" (18)	1.71" (44)	1/2"	
QA6AALS055NP35S08	18.4 – 40.6 (25 – 55)	320	18.4 – 36.1 (25 – 49)	300	5.07 (2.30)	16.9" (429)	0.69" (18)	1.71" (44)	1/2"	
QA6AALS070NP43S08	25.8 – 51.6 (35 – 70)	225	25.8 – 45.7 (35 – 62)	215	5.07 (2.30)	16.6" (422)	0.85" (22)	1.76" (45)	1/2"	
QA6AALS090NP43S08	33.2 – 66.4 (45 – 90)	185	33.2 – 59 (45 – 80)	175	5.07 (2.30)	16.6" (422)	0.85" (22)	1.76" (45)	1/2"	

Series				
QA6	82.5 dBA	3/8" NPT	1/2" (13 mm)	36 cfm (1019 L/min)

Angle Air Nutrunners

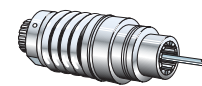
Adjustable Shut-Off

QA8 Series

Accuracy, durability, and flexibility combine to maximize productivity.

Features

- Torque Range: 14.8 – 166 ft-lbs (20 – 225 Nm)
- Speeds: 85 – 570 rpm
- Adjustable shut-off clutch provides repeatability that improves joint quality
- Quick, precise shut-off limits scatter and torque reaction
- Lube-free motor
- Proven durability using world-class QE Series components
- Ergonomic grip for operator comfort
- Recommended for applications where precise torque control is required



Adjustable Shut-Off Clutch

Service and Accessories

Manuals:

- 16601072
- 16601064
- 16601056

Accessories:

- Swivel hanger: QA6-A365-S
- Piped away exhaust kit: QA6-K284
- Torque arms, see page 180
- Mounting flanges, see page 47
- Sockets, see form # IR-0506-016

Kits:

- Motor kit: QA6-1-K53
- Clutch ball kit: QA6-1-K581
- Housing kit: QA8-1-K40

Model	90 psi ft-lbs (Nm)	90 psi rpm	77 psi ft-lbs (Nm)	77 psi rpm	lbs (kg)	in (mm)	in (mm)	in (mm)	in
QA8AALS040NP35S06	14.8 – 29.5 (20 – 40)	570	14.8 – 25.8 (20 – 35)	540	5.38 (2.44)	17.8" (453)	0.69" (18)	1.71" (44)	3/8"
QA8AALS040NP35S08	14.8 – 29.5 (20 – 40)	570	14.8 – 25.8 (20 – 35)	540	5.40 (2.45)	17.8" (453)	0.69" (18)	1.71" (44)	1/2"
QA8AALS055NP35S08	18.4 – 40.6 (25 – 55)	425	18.4 – 36.1 (25 – 49)	400	5.40 (2.45)	17.8" (453)	0.69" (18)	1.71" (44)	1/2"
QA8AALS070NP43S08	25.8 – 51.6 (35 – 70)	320	25.8 – 45.7 (35 – 62)	305	5.40 (2.45)	17.5" (445)	0.85" (22)	1.76" (45)	1/2"
QA8AALS090NP43S08	33.2 – 66.4 (45 – 90)	255	33.2 – 59.0 (45 – 80)	240	5.40 (2.45)	17.5" (445)	0.85" (22)	1.76" (45)	1/2"
QA8AALS115NP48S08	51.6 – 84.8 (70 – 115)	200	51.6 – 75.2 (70 – 102)	190	6.15 (2.79)	17.8" (452)	0.97" (25)	1.97" (50)	1/2"
QA8AALS150NP48S08	55.3 – 110.6 (75 – 150)	145	55.3 – 98.1 (75 – 133)	140	6.88 (3.12)	19.2" (489)	0.97" (25)	1.97" (50)	1/2"
QA8AALS200NF56S12	73.8 – 147.5 (100 – 200)	110	73.8 – 131.3 (100 – 178)	105	8.86 (4.02)	20" (508)	1.19" (30)	2.09" (53)	3/4"
QA8AALS225NF56S12	92.2 – 166 (125 – 225)	90	92.2 – 163.7 (125 – 222)	85	8.86 (4.02)	20" (508)	1.19" (30)	2.09" (53)	3/4"

Series				
QA8	87 dBA	3/8" NPT	1/2" (13 mm)	41 cfm (1161 L/min)

Angle Air Nutrunners

Adjustable Cushion Clutch

Q2 Series

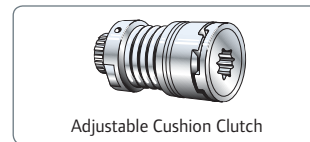
Sets the standard for assembly tool ergonomics.

Features

- Torque range: 3.5 – 56.4 in-lbs (0.4 – 6.4 Nm)
- Speeds: 500 – 1,750 rpm
- Offers torque limiting 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 requiring a torque limiting clutch



QA1L08C4LD



Adjustable Cushion Clutch

Service and Accessories

Manuals:

- 16574519, 16574543
- 80167406
- 16575201, 16584062

Accessories:

- Spring balancer, see page 177
- Hanger: 7L-365
- Piped away exhaust kit: LG1-K284
- Sockets, see form # IR-0506-016

Kits:

- Cushion clutch kit: Q2-CC-TK1
- Inlet / throttle / motor kit: Q2-TK1

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" ○
QA1L12C4LD	3.5 – 11.5 (0.4 – 1.3)	9.3 – 32.2 (1.1 – 3.64)	–	1,270	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" ○
QA1L12C9LD	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" ○
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" ○




(continued next page)





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

Angle Air Nutrunners

Adjustable Cushion Clutch

Q2 Series *(continued)*

Model	in-lbs (Nm)	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in (mm)	in
DC LEVER START									
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" 

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

50 Series

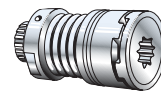
Legendary performance with a well-deserved reputation for durability.

Features

- Torque Range: 20 – 135 in-lbs (2.2 – 15.3 Nm)
- Speeds: 500 – 1,650 rpm
- Proven durability and reliability
- Multiple head and drive sizes available
- Recommended for applications requiring a torque limiting clutch



SR053B-6H-H



Adjustable Cushion Clutch

Service and Accessories

Manuals:

49999389

Accessories:

Spring balancer: BLD2
Sockets, see form # IR-0506-016

Kits:

Service kit: 48804-1
Service kit: 47407

Model	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in (mm)	in
DC LEVER START								
SR053B-11H-H	20 – 70 (2.2 – 7.9)	–	1,150	4.0 (1.8)	14.2" (360)	0.7" (16.5)	1.9" (48.3)	1/4"
SR053B-11H-F	20 – 70 (2.2 – 7.9)	–	1,150	4.0 (1.8)	14.2" (360)	0.7" (16.5)	1.9" (48.3)	1/4"
SR053B-8H-H	25 – 100 (2.8 – 11.3)	–	800	4.0 (1.8)	14.2" (360)	0.7" (16.5)	1.9" (48.3)	1/4"
SR053B-6H-H	25 – 100 (2.8 – 11.3)	40 – 135 (4.5 – 15.3)	500	4.0 (1.8)	14.2" (360)	0.7" (16.5)	1.9" (48.3)	1/4"
NR053B-16R-1	25 – 58 (2.8 – 6.5)	–	1,650	3.6 (1.6)	13.5" (343)	0.6" (15.0)	1.5" (38.1)	1/4"
NR053B-11H-2	20 – 70 (2.2 – 7.9)	–	1,150	4.0 (1.8)	14.2" (360)	0.7" (16.5)	1.9" (48.3)	3/8"
NR053B-8H-2	25 – 100 (2.8 – 11.3)	–	800	4.0 (1.8)	14.2" (360)	0.7" (16.5)	1.9" (48.3)	3/8"
NR053B-6H-2	25 – 100 (2.8 – 11.3)	40 – 135 (4.5 – 15.3)	500	4.0 (1.8)	14.2" (360)	0.7" (16.5)	1.9" (48.3)	3/8"

Series				
50	80 dBA	1/4" NPT	5/16" (8 mm)	25 cfm (720 L/min)

Angle Air Nutrunners

Adjustable Cushion Clutch

5 & 7 Series




Durability and performance are the hallmarks of these proven winners.

Features

- Torque range: 10 – 130 in-lbs (1.7 – 14.8 Nm)
- Speeds: 600 – 1,800 rpm
- Convenient push-button reverse
- Proven quality and reliability
- Recommended for applications requiring a torque limiting clutch

Service and Accessories

Manuals:

-  80167471 5 Series
-  16584047 7 Series
-  16584054

Accessories:

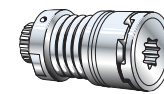
- Spring balancer, see page 177
- Piped away exhaust kit: (5 Series) 5L-K184
(7 Series) 7L-K284
- Sockets, see form # IR-0506-016

Kits:

















- Tune-up kit: 7RL-S/D-A/ T-TK1







5RLN2C3



Adjustable Cushion Clutch

								
Model	in-lbs (Nm)	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in (mm)	in
5C 5 SERIES LEVER START								
5RLK2C5	10 – 40 (1.14 – 4.55)	15 – 35 (1.71 – 3.98)	1,800	3.1 (1.4)	12.4" (315)	0.52" (13.2)	1.3" (33.0)	1/4" 
5RLK2C3	10 – 40 (1.14 – 4.55)	15 – 35 (1.71 – 3.98)	1,800	3.1 (1.4)	12.4" (315)	0.52" (13.2)	0.5" (12.7)	1/4" 
5RLL2C5	15 – 55 (1.7 – 6.3)	20 – 55 (2.28 – 6.26)	1,300	3.1 (1.4)	12.4" (315)	0.52" (13.2)	1.3" (33.0)	1/4" 
5RLN2C3	15 – 80.5 (1.7 – 9.1)	50.4 – 110.6 (5.69 – 12.51)	600	3.1 (1.4)	13.1" (330)	0.52" (13.2)	0.5" (12.7)	1/4" 
5RLN2C6	15.0 – 80.5 (1.7 – 9.1)	50.4 – 110.6 (5.7 – 12.51)	600	3.4 (1.5)	13.1" (330)	0.52" (13.2)	1.3" (33.0)	3/8" 
5C 7 SERIES LEVER START								
7RLL2C6	25 – 80 (2.84 – 9.10)	25 – 100 (2.84 – 12.51)	1,400	3.3 (1.5)	13.2" (335)	0.52" (13.2)	1.3" (33.0)	3/8" 
7RLL3C6	25 – 80 (2.84 – 9.10)	25 – 110 (2.84 – 12.51)	1,400	4.8 (2.2)	14.3" (363)	0.54" (13.7)	1.5" (38.1)	3/8" 
7RLM3C6	25 – 90 (2.84 – 10.24)	25 – 130 (2.84 – 14.79)	800	5.0 (2.3)	14.3" (363)	0.54" (13.7)	1.5" (38.1)	3/8" 

Series				
5	75 dBA	1/4" NPT	1/4" (6 mm)	16 cfm (450 L/min)
7	79 dBA	1/4" NPT	5/16" (6 mm)	27 cfm (760 L/min)

Angle Air Nutrunners

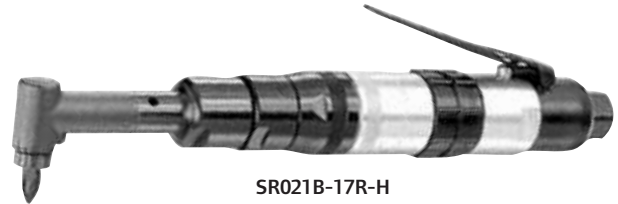
Stall

20 Series

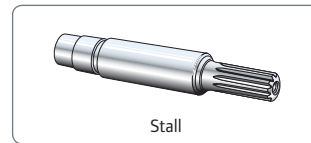
Legendary performance in a compact, lightweight package.

Features

- Torque Range: 17 – 27 in-lbs (1.9 – 3.0 Nm)
- Speeds: 1,000 – 1,750 rpm
- Compact, lightweight design
- Multiple drive sizes available
- Torque control through pressure regulation or operator control
- Recommended for soft pull applications not requiring critical torque control



SR021B-17R-H



Stall

Service and Accessories

Manuals:

49999043

Accessories:

Spring balancer: BLD1
Spindle accessories, see page 183

Kits:

Service kit: 48803-1

Model	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in (mm)	in
LEVER START							
SR021B-17R-H	17 (1.9)	1750	1.7 (0.8)	9.5" (241)	0.6" (15.0)	1.5" (38.1)	1/4"
SR021B-10R-H	27 (3.0)	1,000	1.8 (0.8)	9.9" (252)	0.6" (15.0)	1.5" (38.1)	1/4"
LEVER START WITH PUSH BUTTON REVERSE							
SRB21A-17-H	17 (1.9)	1,750	1.7 (0.8)	9.5" (241)	0.52" (13.2)	1.5" (38.1)	1/4"
SRB21A-17-P	17 (1.9)	1,750	1.7 (0.8)	9.5" (241)	0.52" (13.2)	1.8" (45.7)	1/4"

Series				
20	76 dBA	1/4" NPT	5/16" (8 mm)	15 cfm (420 L/min)

Angle Air Nutrunners

Stall

Q2 Series




Award-winning design delivers the performance you need.

Features

- Torque Range: 35.4 – 102.3 in-lbs (4 – 11.6 Nm)
- Speeds: 250 – 1,270 rpm
- Compact, lightweight, well-balanced design
- Contoured soft grip handle
- Low force forward reverse controls
- Torque control through pressure regulation or operator control
- Recommended for soft pull applications not requiring critical torque control

Service and Accessories

Manuals:

-  16574519
-  80167406
-  16575201, 16584062

Accessories:

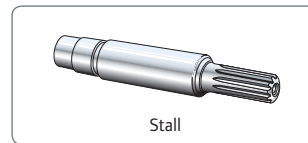
Spring balancer, see page 177
Sockets, see form # IR-0506-016
Piped away exhaust: LG1-K284
Vertical hanger: 7L-365

Kits:


















Inlet / Throttle / Motor kits: Q2-TK1







QA1L05D6LD



Stall

							
Model	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in (mm)	in
DC 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" 
QA1L12D1LD	35.4 (4.0)	1,270	1.5 (0.7)	8.9" (226)	0.52" (13.2)	1.3" (33)	1/4" 
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" 
QA1L05D1LD	102.3 (11.6)	500	1.5 (0.7)	8.9" (226)	0.54" (13.7)	1.3" (33)	1/4" 
QA1L02D6LD	85.3 (9.7)	250	1.5 (0.7)	8.9" (226)	0.54" (13.7)	1.3" (33)	3/8" 

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

50 Series

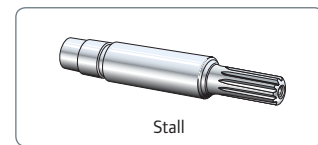
Legendary performance with a well-deserved reputation for durability.

Features

- Torque Range: 41 – 150 in-lbs (4.6 – 17 Nm)
- Speeds: 600 – 2,400 rpm
- Proven durability and reliability
- Multiple head and drive sizes available
- Torque control through pressure regulation or operator control
- Recommended for soft pull applications not requiring critical torque control



NR051B-16R-2



Service and Accessories

Manuals:

49999389, 49999456

Accessories:

Spring balancer: BLD2
Spindle accessories, see page 183

Kits:

Service kit: 47407
Service kit: 48804-1

Model	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in (mm)	in
DC LEVER START							
SR051B-24R-H	41 (4.6)	2,400	2.6 (1.2)	10.7" (272)	0.53" (13.5)	1.5" (38.1)	1/4"
SR051B-16R-H	62 (7.0)	1,600	2.6 (1.2)	10.7" (272)	0.53" (13.5)	1.5" (38.1)	1/4"
SR051B-16R-F	62 (7.0)	1,600	2.6 (1.2)	10.7" (272)	0.53" (13.5)	1.5" (38.1)	1/4"
SR051B-11H-H	80 (9.0)	1,150	3.0 (1.4)	11.3" (287)	0.7" (16.5)	1.9" (48.3)	1/4"
SR051B-8H-H	120 (13.5)	800	3.0 (1.4)	11.3" (287)	0.7" (16.5)	1.9" (48.3)	1/4"
SR051B-6H-H	150 (17.0)	600	3.0 (1.4)	11.3" (287)	0.7" (16.5)	1.9" (48.3)	1/4"
NR051B-24R-2	41 (4.6)	2,400	2.7 (1.2)	10.7" (272)	0.6" (15.0)	1.5" (38.1)	3/8"
NR051B-16R-2	62 (7.0)	1,600	2.7 (1.2)	10.7" (272)	0.6" (15.0)	1.5" (38.1)	3/8"
NR051B-11H-2	80 (9.0)	1,150	4.0 (1.8)	14.2" (360)	0.7" (16.5)	1.9" (48.3)	3/8"
NR051B-8H-2	120 (13.5)	800	4.0 (1.8)	14.2" (360)	0.7" (16.5)	1.9" (48.3)	3/8"
NR051B-6H-2	150 (17)	600	4.0 (1.8)	14.2" (360)	0.7" (16.5)	1.9" (48.3)	3/8"
DC LEVER START WITH PUSH BUTTON REVERSE							
SRB51A-16-H	62 (7)	1,600	2.8 (1.3)	10.8" (274)	0.52" (13.2)	1.5" (38.1)	1/4"
SRB51A-16-P	62 (7)	1,600	2.8 (1.3)	10.8" (274)	0.52" (13.2)	1.8" (45.7)	1/4"

Series				
50	80 dBA	1/4" NPT	5/16" (8 mm)	25 cfm (720 L/min)

Angle Air Nutrunners

Stall

5, 7 & 9 Series






Durability and performance are the hallmarks of these proven winners.

Features

- Torque Range: 40 in-lbs – 82 ft-lbs (4.6 – 111.5 Nm)
- Speeds: 300 – 1,800 rpm
- Convenient push-button reverse
- Proven quality and reliability
- Torque control through pressure regulation or operator control
- Recommended for soft pull applications not requiring critical torque control

Service and Accessories

Manuals:

-  P6586 5 Series
-  80167471
-  P6588 7 Series
-  16574089 9 Series
-  80167521

Accessories:

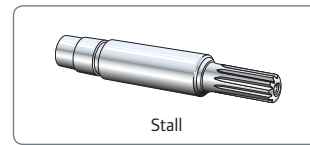
- Reaction bar: 9SL-48 (9 Series)
- Hanger: 6WS-366
- Spring balancer, see page 177

Kits:








- Tune-up kit: 7RL-S/D-A/T-TK1 (7 Series)







9RSQ83



Stall

							
Model	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in (mm)	in
5 SERIES LEVER START							
5RLK2D6	40.0 (4.6)	1,800	2.7 (1.2)	10.1" (257.3)	0.5" (13)	1.3" (33.0)	3/8" <input type="checkbox"/>
5RLL2D6	55.0 (6.3)	1,300	2.7 (1.2)	10.1" (257.3)	0.5" (13)	1.3" (33.0)	3/8" <input type="checkbox"/>
5RLN2D6	110.6 (12.5)	600	3.1 (1.4)	10.9" (276)	0.5" (13)	1.3" (33.0)	3/8" <input type="checkbox"/>
7 SERIES LEVER START							
7RLL3D6	100.0 (11.3)	1,400	3.3 (1.5)	11.0" (279)	0.7" (17.8)	1.5" (38.1)	3/8" <input type="checkbox"/>
7RLM3D6	175.0 (19.8)	800	3.5 (1.6)	11.6" (295)	0.7" (17.8)	1.5" (38.1)	3/8" <input type="checkbox"/>
7RLN3D6	265.0 (29.9)	500	3.5 (1.6)	11.6" (295)	0.7" (17.8)	1.5" (38.1)	3/8" <input type="checkbox"/>
9 SERIES LEVER START							
9RSQ83	82.0 (111.5)	300	7.6 (3.5)	17.9" (454.2)	1.0" (24.6)	1.8" (45.7)	1/2" <input type="checkbox"/>

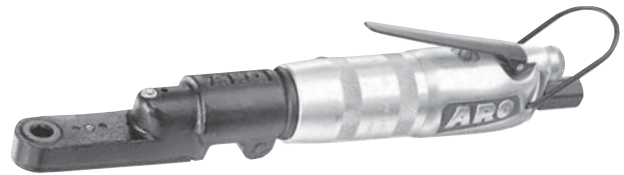
Series				
5	75 dBA	1/4" NPT	1/4" (6 mm)	17 cfm (480 L/min)
7	79 dBA	1/4" NPT	5/16" (8 mm)	27 cfm (760 L/min)
9	82 dBA	1/2" NPT	1/2" (13 mm)	65 cfm (1841 L/min)

Flat Angle Series

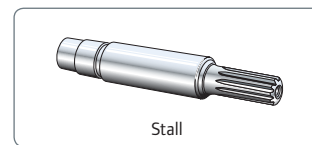
Designed for limited-access, light assembly applications.

Features

- Torque Range: 54 – 90 in-lbs (6.1 – 10.2 Nm)
- Speeds: 850 – 1,450 rpm
- Flat-angle provides needed clearance
- Angle rotates 360 degrees for ease of operation
- Torque control through pressure regulation or operator control
- Recommended for soft pull applications not requiring critical torque control



7456-D



Service and Accessories

Manuals:

49999130

Accessories:

Spring balancer: BLD2
 Piped-away exhaust: 44360-10
 Socket spindles, see chart below

Model	in-lbs (Nm)	rpm	lbs (kg)	in (mm)	in (mm)	in (mm)	in
C LEVER START							
7456-D	54 (6.1)	1,450	2.9 (1.3)	11.0" (279)	0.5" (12.7)	0.7" (17.8)	3/8" Female ⁽¹⁾
7453-D	90 (10.2)	850	3.4 (1.5)	12.3" (312)	0.5" (12.7)	0.7" (17.8)	3/8" Female ⁽¹⁾

⁽¹⁾ Standard.

Series				
Flat Angle	87 dBA	1/4" NPT	5/16" (8 mm)	23 cfm (660 L/min)

Spindle Part Number	Hex Size in	Spindle Part Number	Hex Size in	Spindle Part Number	Hex Size in
HEX (FEMALE) SOCKET SPINDLES					
33532-1	1/4"	33532-5 ⁽¹⁾	3/8"	33532-9	1/2"
33532-2	9/32"	33532-6	13/32"	33532-10	17/32"
33532-3	5/16"	33532-7	7/16"	33532-11	9/16"
33532-4	11/32"	33532-8	15/32"	-	-

⁽¹⁾ Standard.

Angle Air Nutrunners

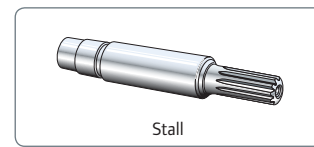
Stall

QA4 Series

Delivers dramatic improvements in speed, size, and durability.

Features

- Torque Range: up to 40 ft-lbs (55 Nm)
- Speeds: 200 – 1,025 rpm
- Proven durability using world-class QE Series components
- Economical alternative to shut-off tools
- Lube-free motor
- Torque control through pressure regulation or operator control
- Recommended for soft pull applications not requiring critical torque control



Service and Accessories

Manuals:

- 80160344
- 80160336
- 80217474

Accessories:

- Mounting flanges, see page 47
- Locking lever: 131655
- Long lever: 131654
- Swivel hanger: 129851
- Piped away exhaust kit: QA4-EXH-989
- Torque arms, see page 180
- Sockets, see form # IR-0506-016

Kits:

- Motor kit: QA4-1-K53
- Housing kit: QA4-1-K40

Model	90 psi ft-lbs (Nm)*	90 psi ft-lbs (Nm)	77 psi ft-lbs (Nm)	90 psi rpm	lbs (kg)	in (mm)	in (mm)	in (mm)	in
DC LEVER START									
QA4AALD011NP25S06	8 (11)	9.6 (10)	7 (10)	1,025	2.47 (1.12)	11.1" (342)	1.28" (33)	0.50" (13)	3/8"
QA4AALD015NP25S06	11 (15)	11.8 (20)	9 (13)	800	2.47 (1.12)	11.1" (342)	1.28" (33)	0.50" (13)	3/8"
QA4AALD020NP25S06	15 (20)	15.5 (20)	13 (17)	625	2.47 (1.12)	11.1" (342)	1.28" (33)	0.50" (13)	3/8"
QA4AALD030NP28S06	22 (30)	22.9 (30)	19 (26)	425	2.63 (1.20)	11.1" (363)	1.39" (35)	0.55" (14)	3/8"
QA4AALD040NP35S06	30 (40)	30.2 (40)	25 (34)	325	3.25 (1.48)	13.2" (363)	1.71" (44)	0.69" (18)	3/8"
QA4AALD055NP35S08	40 (55)	42.8 (60)	34 (46)	200	3.88 (1.76)	14.1" (395)	1.71" (44)	0.69" (18)	1/2"

*Note: Highest recommended torque for assembly line applications. Exceeding the highest recommended torque repeatedly may result in reduced tool life.

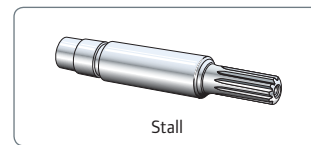
Series				
QA4	79.3 dBA	1/4" NPT	3/8" (10 mm)	27 cfm (765 L/min)

QA6 Series

Delivers dramatic improvements in speed, size, and durability.

Features

- Torque Range: up to 66 ft-lbs (90 Nm)
- Speeds: 185 – 580 rpm
- Proven durability using world-class QE Series components
- Economical alternative to shut-off tools
- Lube-free motor
- Torque control through pressure regulation or operator control
- Recommended for soft pull applications not requiring critical torque control



Service and Accessories

Manuals:

- 16601072
- 16601064
- 16601056

Accessories:

- Swivel hanger: QA6-A365-S
- Sockets, see form # IR-0506-016
- Angle head boots, see page 186
- Mounting flanges, see page 47
- Spanner wrench: GEA40-478
- Piped away exhaust kit: QA6-K284
- Torque arms, see page 180

Kits:

- Motor kit: QA6-1-K53
- Housing kit: QA6-1-K40

Model	90 psi ft-lbs (Nm)	90 psi ft-lbs (Nm)	77 psi ft-lbs (Nm)	90 psi rpm	lbs (kg)	in (mm)	in (mm)	in (mm)	in
DC LEVER START									
QA6AALD030NP35S06	22 (30)	28.8 (39)	20 (27)	580	4.65 (2.11)	16.9" (429)	1.71" (44)	0.69" (18)	3/8"
QA6AALD040NP35S06	30 (40)	36.1 (49)	26 (35)	430	4.65 (2.11)	16.9" (429)	1.71" (44)	0.69" (18)	3/8"
QA6AALD040NP35S08	30 (40)	36.1 (49)	26 (35)	430	4.67 (2.12)	16.9" (429)	1.71" (44)	0.69" (18)	1/2"
QA6AALD055NP35S08	41 (55)	47.9 (65)	36 (49)	320	4.67 (2.12)	16.9" (429)	1.71" (44)	0.69" (18)	1/2"
QA6AALD070NP43S08	52 (70)	64.9 (88)	46 (62)	225	4.67 (2.12)	16.6" (422)	1.76" (45)	0.85" (22)	1/2"
QA6AALD090NP43S08	66 (90)	76 (103)	59 (80)	185	4.67 (2.12)	16.6" (422)	1.76" (45)	0.85" (22)	1/2"

Series				
QA6	82.5 dBA	3/8" NPT	1/2" (13 mm)	36 cfm (1019 L/min)

Angle Air Nutrunners

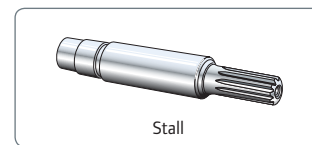
Stall

QA8 Series

Delivers dramatic improvements in speed, size, and durability.

Features

- Torque Range: up to 166 ft-lbs (225 Nm)
- Speeds: 90 – 570 rpm
- Proven durability using world-class QE Series components
- Economical alternative to shut-off tools
- Lube-free motor
- Torque control through pressure regulation or operator control
- Recommended for soft pull applications not requiring critical torque control



Service and Accessories

Manuals:

- 16601072
- 16601064
- 16601056

Accessories:

- Torque arms, see page 180
- Swivel hanger: QA6-A365-S
- Piped away exhaust kit: QA6-K284
- Mounting flanges, see page 47
- Sockets, see form # IR-0506-016

Kits:

- Housing kit: QA8-1-K40
- Motor kit: QA6-1-K53

Model	90 psi ft-lbs (Nm)*	90 psi ft-lbs (Nm)	77 psi ft-lbs (Nm)	90 psi rpm	lbs (kg)	in (mm)	in (mm)	in (mm)	in
DC LEVER START									
QA8AALD040NP35S06	30 (40)	38.3 (52)	26 (35)	570	4.98 (2.26)	17.8" (453)	1.71" (44)	0.69" (18)	3/8"
QA8AALD040NP35S08	30 (40)	38.3 (52)	26 (35)	570	5.00 (2.27)	17.8" (453)	1.71" (44)	0.69" (18)	1/2"
QA8AALD055NP35S08	41 (55)	50.1 (68)	36 (49)	425	5.00 (2.27)	17.8" (453)	1.71" (44)	0.69" (18)	1/2"
QA8AALD070NP43S08	52 (70)	63.4 (86)	46 (62)	320	5.00 (2.27)	17.5" (445)	1.76" (45)	0.85" (22)	1/2"
QA8AALD090NP43S08	66 (90)	79.6 (108)	59 (80)	255	5.00 (2.27)	17.5" (445)	1.76" (45)	0.85" (22)	1/2"
QA8AALD115NP48S08	85 (115)	91.4 (124)	75 (102)	200	5.75 (2.61)	17.8" (452)	1.97" (50.0)	0.97" (25)	1/2"
QA8AALD150NP48S08	111 (150)	121.7 (165)	98 (133)	145	6.48 (2.94)	19.2" (489)	1.97" (50.0)	0.97" (25)	1/2"
QA8AALD200NF56S12	148 (200)	157.1 (213)	131 (178)	110	8.47 (3.84)	20.0" (508)	2.09" (53.2)	1.19" (30)	3/4"
QA8AALD225NF56S12	166 (225)	202.1 (274)	164 (222)	90	8.47 (3.84)	20.0" (508)	2.09" (53.2)	1.19" (30)	3/4"

*Note: Highest recommended torque for assembly line applications. Exceeding the highest recommended torque repeatedly may result in reduced tool life.

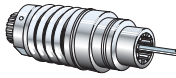
Series				
QA8	87 dBA	3/8" NPT	1/2" (13 mm)	46 cfm (1303 L/min)



Inline Air Nutrunners

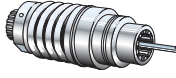
Torque Selection Guide

Adjustable Shut-Off



Model	0 Nm	40 Nm	80 Nm	120 Nm	160 Nm	200 Nm	Referral page
QA4ASLS012NP41S06	█						116
QA4ASLS015NP41S06	█						116
QA4ASLS020NP41S06	█	█					116
QA4ASLS027NP41S06	█	█					116
QA4ASLS046NP41S06	█	█	█				116
QA6ASLS025NP41S06	█	█	█				117
QA6ASLS030NP41S06	█	█	█				117
QA6ASLS040NP41S06	█	█	█				117
QA6ASLS055NP41S08	█	█	█	█			117
QA8ASLS040NP41S08	█	█	█	█			118
QA8ASLS055NP41S08	█	█	█	█			118
QA8ASLS070NP41S08	█	█	█	█	█		118
QA8ASLS090NP41S08	█	█	█	█	█		118
QA8ASLS115NP41S08	█	█	█	█	█		118
QA8ASLS150NP41S08	█	█	█	█	█	█	118
QA8ASLS180NP41S08	█	█	█	█	█	█	118

Remote Start Shut-Off



Model	0 Nm	40 Nm	80 Nm	120 Nm	160 Nm	200 Nm	Referral page
QA4ASRD012NF41S06	█						119
QA4ASRD015NF41S06	█						119
QA4ASRD020NF41S06	█	█					119
QA4ASRD027NF41S06	█	█					119
QA4ASRD046NF41S06	█	█	█				119
QA6ASRD025NF41S06	█	█	█				120
QA6ASRD030NF41S06	█	█	█				120
QA6ASRD040NF41S06	█	█	█				120
QA6ASRD055NF41S06	█	█	█	█			120
QA8ASRD040NF41S06	█	█	█	█			121
QA8ASRD055NF41S08	█	█	█	█			121
QA8ASRD070NF41S08	█	█	█	█	█		121
QA8ASRD090NF41S08	█	█	█	█	█		121
QA8ASRD115NF41S08	█	█	█	█	█		121
QA8ASRD150NF41S08	█	█	█	█	█	█	121
QA8ASRD180NF41S08	█	█	█	█	█	█	121

Remote Start Stall



Model	0 Nm	40 Nm	80 Nm	120 Nm	160 Nm	200 Nm	Referral page
QA4ASRD012NF41S06	█						122
QA4ASRD015NF41S06	█						122
QA4ASRD020NF41S06	█	█					122
QA4ASRD027NF41S06	█	█					122
QA4ASRD046NF41S06	█	█	█				122
QA6ASRD025NF41S06	█	█	█				123
QA6ASRD030NF41S06	█	█	█				123
QA6ASRD040NF41S06	█	█	█				123
QA6ASRD055NF41S08	█	█	█	█			123
QA8ASRD040NF41S06	█	█	█	█			124
QA8ASRD055NF41S08	█	█	█	█			124
QA8ASRD070NF41S08	█	█	█	█	█		124
QA8ASRD090NF41S08	█	█	█	█	█		124
QA8ASRD115NF41S08	█	█	█	█	█		124
QA8ASRD150NF41S08	█	█	█	█	█	█	124
QA8ASRD180NF41S08	█	█	█	█	█	█	124

Inline Air Nutrunners

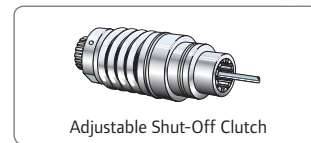
Adjustable Shut-Off

QA4 Series

Accuracy, durability, and flexibility combine to maximize productivity.

Features

- Torque range: 4.4 – 34 ft-lbs (6.0 – 46 Nm)
- Speeds: 250 – 1,050 rpm
- Adjustable shut-off clutch provides repeatability that improves joint quality
- Quick, precise shut-off limits scatter and torque reaction
- Lube-free motor
- Proven durability using world-class QE Series components
- Ergonomic grip for operator comfort
- Recommended for applications where precise torque control is required



Adjustable Shut-Off Clutch

Service and Accessories

Manuals:

- 80160344
- 80160336
- 80217474

Accessories:

- Sockets, see form # IR-0506-016
- Piped away exhaust kit: QA4-EXH-989
- Cycle count port kit: 131711
- Mounting flanges, see page 47
- Torque arms, see page 180

Kits:

- Motor kit: QA4-1-K53
- Housing kit: QA4-1-K40
- Clutch ball kit: QA4-1-K581

Model	90 psi ft-lbs (Nm)	90 psi rpm	77 psi ft-lbs (Nm)	77 psi rpm	lbs (kg)	in (mm)	in (mm)	in
DC LEVER START								
QA4ASLS012NP41S06	4.4 – 8.8 (6 – 12)	1,050	4.4 – 7.4 (6 – 10)	977	3.22 (1.46)	18.3" (464)	0.81" (21)	3/8" □
QA4ASLS015NP41S06	5.2 – 11.1 (7 – 15)	850	5.2 – 9.4 (7 – 12.7)	791	3.22 (1.46)	18.3" (464)	0.81" (21)	3/8" □
QA4ASLS020NP41S06	7.4 – 14.8 (10 – 20)	600	7.4 – 12.5 (10 – 17)	558	3.22 (1.46)	18.3" (464)	0.81" (21)	3/8" □
QA4ASLS027NP41S06	10.3 – 19.9 (14 – 27)	450	10.3 – 16.7 (14 – 22.7)	419	3.22 (1.46)	18.3" (464)	0.81" (21)	3/8" □
QA4ASLS046NP41S06	14.8 – 33.9 (20 – 46)	250	14.8 – 28.0 (20 – 38)	233	3.73 (1.69)	18.8" (478)	0.91" (23)	3/8" □
QA4ASLS046NP41S08	14.8 – 33.9 (20 – 46)	250	14.8 – 28.0 (20 – 38)	233	3.77 (1.71)	18.8" (478)	0.91" (23)	1/2" □

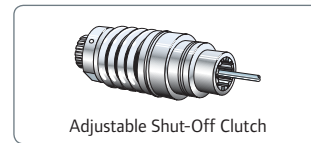
Series				
QA4	79.3 dBA	1/4" NPT	3/8" (10 mm)	29 cfm (821 L/min)

QA6 Series

Accuracy, durability, and flexibility combine to maximize productivity.

Features

- Torque range: 8.9 – 40.6 ft-lbs (12 – 55 Nm)
- Speeds: 325 – 720 rpm
- Adjustable shut-off clutch provides repeatability that improves joint quality
- Quick, precise shut-off limits scatter and torque reaction
- Lube-free motor
- Proven durability using world-class QE Series components
- Ergonomic grip for operator comfort
- Recommended for applications where precise torque control is required



Adjustable Shut-Off Clutch

Service and Accessories

Manuals:

- 16601072
- 16601064
- 16601056

Accessories:

- Sockets, see form # IR-0506-016
- Piped away exhaust kit: QA6-K284
- Mounting flanges, see page 47
- Torque arms, see page 180

Kits:

- Housing kit: QA6-1-K40
- Clutch ball kit: QA6-1-K581
- Motor kit: QA6-1-K53

Model	90 psi ft-lbs (Nm)	90 psi rpm	77 psi ft-lbs (Nm)	77 psi rpm	lbs (kg)	in (mm)	in (mm)	in
DC LEVER START								
QA6ASLS025NP41S06	8.9 – 18.4 (12 – 25)	720	8.9 – 16.2 (12 – 22)	685	5.07 (2.30)	18.8" (478)	0.80" (20)	3/8" □
QA6ASLS030NP41S06	11.1 – 22.1 (15 – 30)	605	11.1 – 19.2 (15 – 26)	575	5.07 (2.30)	18.8" (478)	0.80" (20)	3/8" □
QA6ASLS040NP41S06	14.8 – 29.5 (20 – 40)	450	14.8 – 25.8 (20 – 35)	425	5.07 (2.30)	18.8" (478)	0.80" (20)	3/8" □
QA6ASLS055NP41S08	18.4 – 40.6 (25 – 55)	325	18.4 – 36.1 (25 – 49)	310	5.09 (2.31)	18.8" (478)	0.80" (20)	1/2" □

Series				
QA6	82.5 dBA	3/8" NPT	1/2" (13 mm)	36 cfm (1020 L/min)

Inline Air Nutrunners

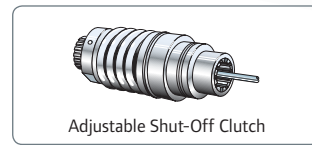
Adjustable Shut-Off

QA8 Series

Accuracy, durability, and flexibility combine to maximize productivity.

Features

- Torque range: 14.8 – 132.8 ft-lbs (20 – 180 Nm)
- Speeds: 140 – 600 rpm
- Adjustable shut-off clutch provides repeatability that improves joint quality
- Quick, precise shut-off limits scatter and torque reaction
- Lube-free motor
- Proven durability using world-class QE Series components
- Ergonomic grip for operator comfort
- Recommended for applications where precise torque control is required



Adjustable Shut-Off Clutch

Service and Accessories

Manuals:

- 16601072
- 16601064
- 16601056

Accessories:

- Torque arm, see page 180
- Sockets, see form # IR-0506-016
- Piped away exhaust kit: QA6-K284
- Mounting flanges, see page 47

Kits:

- Housing kit: QA8-1-K40
- Motor kit: QA6-1-K53
- Clutch ball kit: QA6-1-K581

Model	90 psi ft-lbs (Nm)	90 psi rpm	77 psi ft-lbs (Nm)	77 psi rpm	lbs (kg)	in (mm)	in (mm)	in
DC LEVER START								
QA8ASLS040NP41S06	14.8 – 29.5 (20 – 40)	600	14.8 – 25.8 (20 – 35)	570	5.27 (2.39)	19.7" (502)	0.80" (20)	3/8" □
QA8ASLS040NP41S08	14.8 – 29.5 (20 – 40)	600	14.8 – 25.8 (20 – 35)	570	5.29 (2.40)	19.7" (502)	0.80" (20)	1/2" □
QA8ASLS055NP41S08	18.4 – 40.6 (25 – 55)	470	18.4 – 36.1 (25 – 49)	445	5.29 (2.40)	19.7" (502)	0.80" (20)	1/2" □
QA8ASLS070NP41S08	25.8 – 51.6 (35 – 70)	355	25.8 – 45.7 (35 – 62)	335	5.60 (2.54)	19.9" (506)	0.94" (24)	1/2" □
QA8ASLS090NP41S08	33.2 – 66.4 (45 – 90)	255	33.2 – 59.0 (45 – 80)	245	6.33 (2.87)	21.3" (542)	0.94" (24)	1/2" □
QA8ASLS115NF41S08	51.6 – 84.8 (70 – 115)	215	51.6 – 75.2 (70 – 102)	205	7.50 (3.40)	21.3" (541)	2.00" (51)	1/2" □
QA8ASLS150NF41S08	55.3 – 110.6 (75 – 150)	165	55.3 – 98.1 (75 – 133)	160	7.50 (3.40)	21.3" (541)	2.00" (51)	1/2" □
QA8ASLS180NF41S08	66.4 – 132.8 (90 – 180)	140	66.4 – 118.0 (90 – 160)	135	7.50 (3.40)	21.3" (541)	2.00" (51)	1/2" □

Series				
QA8	87 dBA	3/8" NPT	1/2" (13 mm)	46 cfm (1303 L/min)

Inline Air Nutrunners

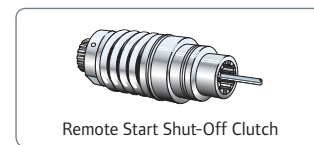
Remote Start Shut-Off

QA4 Series

Accuracy, durability, and flexibility combine to maximize productivity.

Features

- Torque range: 4.4 – 33.9 ft-lbs (6.0 – 46 Nm)
- Speeds: 250 – 1,050 rpm
- Slim, compact design for space-saving fixturing
- Quick, precise shut-off limits scatter and torque reaction
- Integral cycle count port
- Lube-free motor
- Proven durability using world-class QE Series components
- Recommended for applications where precise torque control is required



Service and Accessories

Manuals:

- 80160344
- 80160336
- 80217474

Accessories:

- Piped away exhaust kit: QA4-EXH-989
- Sockets, see form # IR-0506-016
- Mounting flanges, see page 47

Kits:

- Housing kit: QA4-1-K40
- Motor kit: QA4-1-K53
- Clutch ball kit: QA4-1-K581

Model	90 psi ft-lbs (Nm)	90 psi rpm	77 psi ft-lbs (Nm)	77 psi rpm	lbs (kg)	in (mm)	in (mm)	in
DC REMOTE START								
QA4ASRS012NF41S06	4.4 – 8.8 (6 – 12)	1,050	4.4 – 7.4 (6 – 10)	977	3.55 (1.61)	17.8" (451)	0.81" (21)	3/8" <input type="checkbox"/>
QA4ASRS015NF41S06	5.2 – 11.1 (7 – 15)	850	5.2 – 9.4 (7 – 12.7)	791	3.55 (1.61)	17.8" (451)	0.81" (21)	3/8" <input type="checkbox"/>
QA4ASRS020NF41S06	7.4 – 14.8 (10 – 20)	600	7.4 – 12.5 (10 – 17)	558	3.55 (1.61)	17.8" (451)	0.81" (21)	3/8" <input type="checkbox"/>
QA4ASRS027NF41S06	10.3 – 19.9 (14 – 27)	450	10.3 – 16.7 (14 – 22.7)	419	3.55 (1.61)	17.8" (451)	0.81" (21)	3/8" <input type="checkbox"/>
QA4ASRS046NF41S06	14.8 – 33.9 (20 – 46)	250	14.8 – 28.0 (20 – 38)	233	4.06 (1.84)	18.3" (465)	0.91" (23)	3/8" <input type="checkbox"/>
QA4ASRS046NF41S08	14.8 – 33.9 (20 – 46)	250	14.8 – 28.0 (20 – 38)	233	4.06 (1.84)	18.3" (465)	0.91" (23)	1/2" <input type="checkbox"/>

Series					
QA4	79.3 dBA	3/8" NPT	1/4" NPT	3/8" (10 mm) x qty. 2 1/2" (13 mm) x qty. 1	29 cfm (793 L/min)

Inline Air Nutrunners

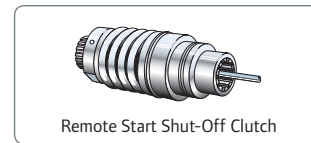
Remote Start Shut-Off

QA6 Series

Accuracy, durability, and flexibility combine to maximize productivity.

Features

- Torque range: 8.9 – 40.6 ft-lbs (12 – 55 Nm)
- Speeds: 315 – 700 rpm
- Slim, compact design for space-saving fixturing
- Quick, precise shut-off limits scatter and torque reaction
- Integral cycle count port
- Lube-free motor
- Proven durability using world-class QE Series components
- Recommended for applications where precise torque control is required



Remote Start Shut-Off Clutch

Service and Accessories

Manuals:

- 16601072
- 16601064
- 16601056

Accessories:

- Sockets, see form # IR-0506-016
- Piped away exhaust kit: QA6-K284
- Mounting flanges, see page 47

Kits:

- Remote housing kit: QA6-1R-K40
- Motor kit: QA6-1-K53
- Clutch ball kit: QA6-1-K581

Model	90 psi ft-lbs (Nm)	90 psi rpm	77 psi ft-lbs (Nm)	77 psi rpm	lbs (kg)	in (mm)	in (mm)	in
DC REMOTE START								
QA6ASRS025NF41S06	8.9 – 18.4 (12 – 25)	700	8.9 – 16.2 (12 – 22)	665	5.76 (2.61)	17.9" (454)	1.34" (34)	3/8" <input type="checkbox"/>
QA6ASRS030NF41S06	11.1 – 22.1 (15 – 30)	585	11.1 – 19.2 (15 – 26)	555	5.76 (2.61)	17.9" (454)	1.34" (34)	3/8" <input type="checkbox"/>
QA6ASRS040NF41S06	14.8 – 29.5 (20 – 40)	435	14.8 – 25.8 (20 – 35)	415	5.76 (2.61)	17.9" (454)	1.34" (34)	3/8" <input type="checkbox"/>
QA6ASRS055NF41S08	18.4 – 40.6 (25 – 55)	315	18.4 – 36.1 (25 – 49)	300	5.78 (2.62)	17.9" (454)	1.34" (34)	1/2" <input type="checkbox"/>

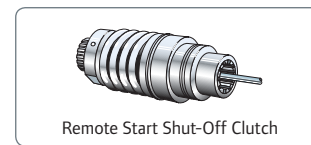
Series					
QA6	82.5 dBA	1/2" NPT	3/8" NPT	1/2" (13 mm) x qty. 3	36 cfm (1020 L/min)

QA8 Series

Accuracy, durability, and flexibility combine to maximize productivity.

Features

- Torque range: 14.8 – 132.8 ft-lbs (20 – 180 Nm)
- Speeds: 125 – 540 rpm
- Slim, compact design for space-saving fixturing
- Quick, precise shut-off limits scatter and torque reaction
- Integral cycle count port
- Lube-free motor
- Proven durability using world-class QE Series components
- Recommended for applications where precise torque control is required



Service and Accessories

Manuals:

- 16601072
- 16601064
- 16601056

Accessories:

- Sockets, see form # IR-0506-016
- Piped away exhaust kit: QA6-K284
- Mounting flanges, see page 47

Kits:

- Remote housing tune-up kit: QA6-1R-K40
- Motor kit: QA6-1-K53
- Clutch ball kit: QA6-1-K581
- Housing kit: QA8-1-K40

Model	90 psi ft-lbs (Nm)	90 psi rpm	77 psi ft-lbs (Nm)	77 psi rpm	lbs (kg)	in (mm)	in (mm)	in
DC REMOTE START								
QA8ASRS040NF41S06	14.8 – 29.5 (20 – 40)	540	14.8 – 25.8 (20 – 35)	515	6.03 (2.73)	18.8" (478)	1.34" (34)	3/8" □
QA8ASRS040NF41S08	14.8 – 29.5 (20 – 40)	540	14.8 – 25.8 (20 – 35)	515	6.05 (2.74)	18.8" (478)	1.34" (34)	1/2" □
QA8ASRS055NF41S08	18.4 – 40.6 (25 – 55)	425	18.4 – 36.1 (25 – 49)	405	6.05 (2.74)	18.8" (478)	1.34" (34)	1/2" □
QA8ASRS070NF41S08	25.8 – 51.6 (35 – 70)	320	25.8 – 45.7 (35 – 62)	305	6.80 (3.09)	19.0" (482)	1.69" (43)	1/2" □
QA8ASRS090NF41S08	33.2 – 66.4 (45 – 90)	230	33.2 – 59.0 (45 – 80)	220	7.53 (3.42)	20.4" (518)	1.69" (43)	1/2" □
QA8ASRS115NF41S08	51.6 – 84.8 (70 – 115)	195	51.6 – 75.2 (70 – 102)	185	8.02 (3.64)	20.4" (517)	2.00" (51)	1/2" □
QA8ASRS150NF41S08	55.3 – 110.6 (75 – 150)	150	55.3 – 98.1 (75 – 133)	145	8.02 (3.64)	20.4" (517)	2.00" (51)	1/2" □
QA8ASRS180NF41S08	66.4 – 132.8 (90 – 180)	125	66.4 – 118.0 (90 – 160)	120	8.02 (3.64)	20.4" (517)	2.00" (51)	1/2" □

Series					
QA8	87 dBA	1/2" NPT	3/8" NPT	1/2" (13 mm) x qty. 3	46 cfm (1303 L/min)

Inline Air Nutrunners

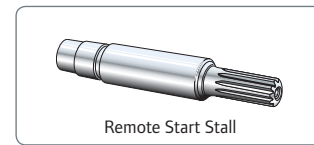
Remote Start Stall

QA4 Series

Durability and flexibility combine to maximize productivity.

Features

- Torque Range: 8.8 – 33.9 ft-lbs (12 – 46 Nm)
- Speeds: 250 – 1,050 rpm
- Slim, compact design for space-saving fixturing
- Torque control through pressure regulation
- Lube-free motor
- Recommended for non-critical or pressure-controlled multi-spindle fixtured applications



Service and Accessories

Manuals:

- 80160344
- 80160336
- 80217474

Accessories:

Sockets, see form # IR-0506-016
 Piped away exhaust kit: QA4-EXH-989
 Mounting flanges, see page 47

Kits:

Motor kit: QA4-1-K53
 Housing kit: QA4-1-K40

Model	90 psi ft-lbs (Nm)*	77 psi ft-lbs (Nm)	90 psi ft-lbs (Nm)	90 psi rpm	lbs (kg)	in (mm)	in (mm)	in
DC REMOTE START								
QA4ASRD012NF41S06	8.8 (12)	7.4 (10)	9.6 (13)	1050	3.55 (1.61)	17.8" (451)	0.81" (21)	3/8"
QA4ASRD015NF41S06	11.1 (15)	9.4 (12.7)	11.8 (16)	850	3.55 (1.61)	17.8" (451)	0.81" (21)	3/8" □
QA4ASRD020NF41S06	14.8 (20)	12.5 (17)	15.5 (21)	600	3.55 (1.61)	17.8" (451)	0.81" (21)	3/8" □
QA4ASRD027NF41S06	19.9 (27)	16.7 (22.7)	20.6 (28)	450	3.55 (1.61)	17.8" (451)	0.81" (21)	3/8" □
QA4ASRD046NF41S06	33.9 (46)	28 (38)	34.7 (47)	250	4.06 (1.84)	18.3" (465)	0.91" (23)	3/8" □
QA4ASRD046NF41S08	33.9 (46)	28 (38)	34.7 (47)	250	4.06 (1.84)	18.3" (465)	0.91" (23)	1/2" □

*Note: Highest recommended torque for assembly line applications. Exceeding the highest recommended torque repeatedly may result in reduced tool life.

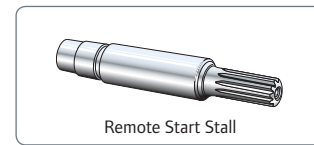
Series					
QA4	79.3 dBA	3/8" NPT	1/4" NPT	3/8" (10 mm) x qty. 2 1/2" (13 mm) x qty. 1	29 cfm (793 L/min)

QA6 Series

Durability and flexibility combine to maximize productivity.

Features

- Torque Range: 18.4 – 40.6 ft-lbs (25 – 55 Nm)
- Speeds: 315 – 700 rpm
- Slim, compact design for space-saving fixturing
- Torque control through pressure regulation
- Lube-free motor
- Recommended for non-critical or pressure-controlled multi-spindle fixtured applications



Service and Accessories

Manuals:

- 16601072
- 16601064
- 16601056

Accessories:

- Sockets, see form # IR-0506-016
- Piped away exhaust kit: QA6-K284
- Mounting flanges, see page 47

Kits:

- Housing kit: QA6-1-K40
- Motor kit: QA6-1-K53

Model	90 psi ft-lbs (Nm)*	77 psi ft-lbs (Nm)	90 psi ft-lbs (Nm)	90 psi rpm	lbs (kg)	in (mm)	in (mm)	in
DC REMOTE START								
QA6ASRD025NF41S06	18.4 (25)	16.2 (22)	19.9 (27)	700	5.76 (2.61)	17.9" (454)	1.34" (34)	3/8" □
QA6ASRD030NF41S06	22.1 (30)	19.2 (26)	23.6 (32)	585	5.76 (2.61)	17.9" (454)	1.34" (34)	3/8" □
QA6ASRD040NF41S06	29.5 (40)	25.8 (35)	31.7 (43)	435	5.76 (2.61)	17.9" (454)	1.34" (34)	3/8" □
QA6ASRD055NF41S08	40.6 (55)	36.1 (49)	44.2 (60)	315	5.78 (2.62)	17.9" (454)	1.34" (34)	1/2" □

*Note: Highest recommended torque for assembly line applications. Exceeding the highest recommended torque repeatedly may result in reduced tool life.

Series					
QA6	82.5 dBA	1/2" NPT	3/8" NPT	1/2" (13 mm) x qty. 3	36 cfm (1020 L/min)

Inline Air Nutrunners

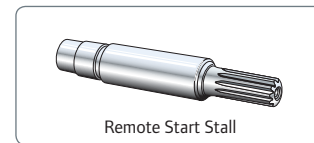
Remote Start Stall

QA8 Series

Durability and flexibility combine to maximize productivity.

Features




- Torque Range: 29.5 – 132.8 ft-lbs (40 – 180 Nm)
- Speeds: 125 – 540 rpm
- Slim, compact design for space-saving fixturing
- Torque control through pressure regulation
- Lube-free motor
- Recommended for non-critical or pressure-controlled multi-spindle fixtured applications



Remote Start Stall

Service and Accessories

Manuals:









-  16601072
-  16601064
-  16601056

Accessories:






Sockets, see form # IR-0506-016
Piped away exhaust kit: QA6-K284
Mounting flanges, see page 47

Kits:

Housing kit: QA8-1-K40
Motor kit: QA6-1-K53

Model	90 psi ft-lbs (Nm)*	77 psi ft-lbs (Nm)	90 psi ft-lbs (Nm)	90 psi rpm	lbs (kg)	in (mm)	in (mm)	in
REMOTE START								
QA8ASRD040NF41S06	29.5 (40)	25.8 (35)	34.7 (47)	540	6.03 (2.73)	18.8" (478)	1.34" (34)	3/8" 
QA8ASRD040NF41S08	29.5 (40)	25.8 (35)	34.7 (47)	540	6.05 (2.74)	18.8" (478)	1.34" (34)	1/2" 
QA8ASRD055NF41S08	40.6 (55)	36.1 (49)	44.2 (60)	425	6.05 (2.74)	18.8" (478)	1.34" (34)	1/2" 
QA8ASRD070NF41S08	51.6 (70)	45.7 (62)	59.0 (80)	320	6.80 (3.09)	19.0" (482)	1.69" (43)	1/2" 
QA8ASRD090NF41S08	66.4 (90)	59.0 (80)	78.2 (106)	230	7.53 (3.42)	20.4" (518)	1.69" (43)	1/2" 
QA8ASRD115NF41S08	84.8 (115)	75.2 (102)	93.7 (127)	195	8.02 (3.64)	20.4" (517)	2.00" (51)	1/2" 
QA8ASRD150NF41S08	110.6 (150)	98.1 (133)	120.2 (163)	150	8.02 (3.64)	20.4" (517)	2.00" (51)	1/2" 
QA8ASRD180NF41S08	132.9 (180)	118.0 (160)	143.1 (194)	125	8.02 (3.64)	20.4" (517)	2.00" (51)	1/2" 

*Note: Highest recommended torque for assembly line applications. Exceeding the highest recommended torque repeatedly may result in reduced tool life.

Series					
QA8	87 dBA	1/2" NPT	3/8" NPT	1/2" (13 mm) x 3	46 cfm (1303 L/min)



Pulse Tools

Torque Selection Guide

Non Shut-Off

Model	0 Nm	50 Nm	100 Nm	150 Nm	200 Nm	250 Nm	Referral page
100PQ1							128
46PQ1							127
Q70PQ1							126
46P3							127
180PQ1							128
Q80PQ1							126
Q70P3							126
280P							128
380P							128
Q80P3							126
500P							128
Q90P3							126
700P							128
Q110P4							126
900P							128
1100P							128
100P4							127
130P4							127
140P6							127

Shut-Off

Model	0 Nm	50 Nm	100 Nm	150 Nm	200 Nm	250 Nm	Referral page
40PSQ1							130
45PS3							130
55PS3							130
500PS3							131
70PS3							130
700PS3							131
90PS4							130
900PS4							131
1100PS4							131
1900PS4							131

Transducerized

Model	0 Nm	50 Nm	100 Nm	150 Nm	200 Nm	250 Nm	300 Nm	350 Nm	400 Nm	Referral page
QXP60P6										133
QXP70P6										133
QXP80P6										133
QXP90P6										133
QXP110P8										133
QXP120P8										133
QXP140P8										133
QXP150P8										133
YEX-120										134
YEX-150										134
YEX-501										134
YEX-701										134
YEX-901										134
YEX-1400										134
YEX-1900										134
YEX-3000										134
YED-200										134

Pistol Grip Pulse Tools

Non-Shut-Off

Q Series

Represents the latest generation of pulse tool technology engineered with the end-user in mind.




Features

- Torque range: 15 – 74 ft-lbs (20 – 100 Nm)
- Speeds: 5,500 – 7,000 rpm
- Easy torque adjustment for quick setup
- Extremely lightweight, compact, and fast
- World-class power-to-weight ratio
- Ergonomic design provides comfortable grip, low vibration and noise, and reactionless one-handed operation
- Environmentally enhanced lube-free, dual-chamber air motor, and self-lubricating blades and cylinder reduce oil mist
- Non-shut-off tools are recommended for the majority of applications where speed and ergonomics are important



Service and Accessories

Manuals:







-  80206618
-  80206667
-  80213671




Accessories:

- Sockets, see form # IR-0506-016
- QC qualifier, see page 132
- Spring balancer, see page 177

Kits:

- See page 137 for kits

Model	ft-lbs (Nm)	rpm	lb (kg)	in (mm)	in (mm)	in	cfm (L/min)	
TRIGGER START								
Q70PQ1	M6 – M8	15 – 20 (20 – 28)	7,000	1.8 (0.8)	5.2" (131)	0.9" (23)	1/4" 	12 (340)
Q70P3	M6 – M8	18 – 25 (24 – 35)	7,000	1.8 (0.8)	5.2" (131)	0.9" (23)	3/8" 	11 (311)
Q80PQ1	M8	18 – 25 (24 – 35)	7,000	1.9 (0.9)	5.4" (138)	0.9" (23)	1/4" 	12 (340)
Q80P3	M8	25 – 36 (34 – 50)	7,000	1.9 (0.9)	5.4" (138)	0.9" (23)	3/8" 	12 (340)
Q90P3	M8 – M10	35 – 48 (47 – 65)	6,500	2.1 (1.0)	5.8" (148)	0.9" (23)	3/8" 	14 (396)
Q110P4	M10 – M12	48 – 74 (65 – 100)	5,500	3.0 (1.4)	6.5" (164)	1.1" (27)	1/2" 	20 (566)

Model			
Q70P – Q80P	74 – 75 dBa	1/4" NPT	3/8" (10 mm)
Q90P – Q110P	78 – 81 dBa	1/4" NPT	3/8" (10 mm)

Power Pulse Plus

Ergonomic designs offer proven performance in high- and low-torque models.

Features

- Torque range: 10 - 174 ft-lbs (14 - 235 Nm)
- Speeds: 3200 - 8000 rpm
- Easy torque adjustment for quick setup
- High-speed, compact, lightweight design
- Excellent power-to-weight-ratio
- Two-speed trigger provides slow-speed starting and high-speed rundown
- Ergonomic design provides comfortable grip, low vibration and noise, and reactionless one-handed operation
- Non-shut-off tools are recommended for the majority of applications where speed and ergonomics are important



Service and Accessories

Manuals:

- 16574774
- 16574782
- 80167588
- 80167547

Accessories:

- Sockets, see form # IR-0506-016
- QC qualifier, see page 132
- Spring balancer, see page 177

Kits:

See page 137 for kits

Model	ft-lbs (Nm)	rpm	lb (kg)	in (mm)	in (mm)	in	cfm (L/min)
DC TRIGGER START							
46PQ1	M5 - M6	10 - 18 (14 - 24)	8,000	2.0 (0.9)	7.3" (185)	0.7" (18)	12 (340)
46P3	M5 - M6	8 - 21 (16 - 29)	8,000	2.0 (0.9)	7.3" (185)	0.7" (18)	12 (340)
100P4	M12	48 - 107 (65 - 145)	4,000	4.7 (2.2)	7.4" (188)	1.3" (33)	20 (566)
130P4	M14	56 - 141 (75 - 190)	3,600	5.8 (2.6)	7.9" (200)	1.3" (34)	25 (708)
140P6	M16	78 - 174 (105 - 235)	3,200	6.8 (3.1)	8.9" (226)	1.4" (36)	26 (736)

Model	78 dBA	1/4" NPT	3/8" (10 mm)
46P	78 dBA	1/4" NPT	3/8" (10 mm)
100P - 140P	82 dBA	1/4" NPT	1/2" (13 mm)

Pistol Grip Pulse Tools

Non-Shut-Off

Power Pulse

Performance-proven designs offer broad torque ranges for the ultimate in flexibility.







Features

- Torque range: 3 – 90 ft-lbs (4 – 122 Nm)
- Speeds: 5,000 – 10,500 rpm
- Easy torque adjustment for quick setup
- Broad torque coverage
- Two-speed trigger provides slow-speed starting and high-speed rundown
- Patented cooling system extends life
- Reactionless one-handed operation
- Non-shut-off tools are recommended for the majority of applications where speed and ergonomics are important



Service and Accessories

Manuals:




















-  16574790
-  P7073us
-  P7090us
-  P7072us
-  80167554
-  P7074us




Accessories:

Sockets, see form # IR-0506-016
QC qualifier, see page 132
Spring balancer, see page 177

Kits:

See page 137 for kits

								
Model		ft-lbs (Nm)	rpm	lb (kg)	in (mm)	in (mm)	in	cfm (L/min)
DC TRIGGER START								
100PQ1	M4 – M5	3 – 8 (4 – 11)	9,300	1.6 (0.7)	5.6" (142)	0.7" (18)	1/4" 	12 (340)
180PQ1	M4 – M6	6 – 22 (8 – 30)	10,500	2.2 (1.0)	6.5" (165)	0.9" (23)	1/4" 	9 (255)
280PQ1	M6 – M8	10 – 26 (14 – 35)	9,500	2.5 (1.1)	7.0" (178)	0.9" (23)	1/4" 	11 (311)
280P	M6 – M8	12 – 28 (16 – 38)	9,500	2.5 (1.1)	7.0" (178)	0.9" (23)	3/8" 	11 (311)
380PQ1	M8	15 – 32 (20 – 44)	8,500	2.9 (1.3)	7.0" (178)	1.0" (26)	1/4" 	11 (311)
380P	M8	18 – 36 (24 – 49)	8,500	2.9 (1.3)	7.9" (178)	1.0" (26)	3/8" 	11 (311)
500PQ1	M8 – M10	18 – 38 (38 – 52)	8,500	3.2 (1.5)	6.5" (165)	1.2" (31)	1/4" 	12 (340)
500P	M8 – M10	20 – 43 (27 – 58)	8,500	3.2 (1.5)	6.5" (165)	1.2" (31)	3/8" 	12 (340)
700P	M8 – M10	24 – 58 (33 – 79)	8,500	3.6 (1.6)	6.5" (165)	1.2" (31)	3/8" 	14 (396)
900P	M10	30 – 80 (41 – 109)	7,500	4.6 (2.1)	7.9" (200)	1.3" (33)	1/2" 	14 (396)
1100P	M10 – M12	35 – 90 (48 – 122)	5,000	4.9 (2.2)	8.2" (208)	1.4" (36)	1/2" 	16 (453)

Model			
Power Pulse	76 – 78 dBA	1/4" NPT	3/8" (10 mm)

Inline / Angle Pulse Tools

Non-Shut-Off

Power Pulse





Performance-proven designs deliver in inline and space-constrained applications.

Features

- Torque range: 3 – 36 ft-lbs (4 – 49 Nm)
- Speeds: 5,500 – 10,000 rpm
- Easy torque adjustment for quick setup
- High-speed reactionless operation for space-constrained and inline applications
- Excellent power-to-weight ratio for more comfortable, convenient operation
- Non-shut-off tools are recommended for the majority of applications where speed and ergonomics are important

Service and Accessories

Manuals:

-  P7089us
-  P7075us
-  P7079us
-  P7062US















Accessories:

- Sockets, see form # IR-0506-016
- QC qualifier, see page 132
- Spring balancer, see page 177

Kits:

See page 137 for kits



								
Model	ft-lbs (Nm)	rpm	lb (kg)	in (mm)	in (mm)	in	cfm (L/min)	
DC INLINE LEVER START								
100SQ1	M4 – M5	3 – 9 (4 – 12)	10,000	1.8 (0.8)	8.9" (226)	0.8" (20)	1/4" 	12 (340)
180SQ1	M4 – M6	6 – 22 (8 – 30)	9,000	2.0 (0.9)	8.7" (221)	0.9" (23)	1/4" 	9 (255)
280SQ1	M6 – M8	7 – 26 (10 – 35)	8,000	2.1 (1.0)	9.0" (229)	0.9" (23)	1/4" 	11 (311)
380SQ1	M8	15 – 32 (20 – 44)	8,500	2.6 (1.2)	9.1" (231)	1.0" (25)	1/4" 	11 (311)
DC ANGLE LEVER START								
500A	M6 – M8	12 – 30 (16 – 41)	7,000	3.3 (1.5)	10.5" (267)	1.1" (27)	3/8" 	11 (311)
700A	M8 – M10	19 – 36 (26 – 49)	5,500	4.4 (2.0)	11.2" (284)	1.1" (27)	3/8" 	12 (340)

Model			
Power Pulse	76 – 83 dBA	1/4" NPT	3/8" (10 mm)

Pistol Grip Pulse Tools

Shut-Off

Power Pulse Plus

Ergonomic designs offer proven performance and error-proofing.

Features

- Torque range: 4 – 59 ft-lbs (5 – 78 Nm)
- Speeds: 5,000 – 7,000 rpm
- Easy torque adjustment for quick setup
- Auto-shut-off feature stops airflow to tool when cycle is complete
- High-speed, compact, lightweight design
- Ergonomic design provides comfortable grip, low vibration and noise, and reactionless one-handed operation
- Auto-shut-off limits air consumption and tool wear
- Deters early throttle release; recommended when improved error-proofing is desired

Service and Accessories

Manuals:

- 16574766
- 80167570

Accessories:








Sockets, see form # IR-0506-016
QC qualifier, see page 132
Spring balancer, see page 177




Kits:

See page 137 for kits



55PS3

Model	ft-lbs (Nm)	rpm	lb (kg)	in (mm)	in (mm)	in	cfm (L/min)
DC TRIGGER START							
40PSQ1	M4 – M5	4 – 10 (5 – 13)	5,000	2.1 (1.0)	7.2" (183)	0.73" (19)	1/4"  13 (368)
45PS3	M5 – M6	6 – 14 (8 – 20)	7,000	2.4 (1.1)	7.3" (185)	0.83" (21)	3/8"  12 (340)
45PSQ1	M5 – M6	5 – 13 (7 – 17)	7,000	2.4 (1.1)	7.3" (185)	0.83" (21)	1/4"  12 (340)
55PS3	M6 – M8	7 – 21 (10 – 28)	6,000	2.4 (1.1)	7.3" (185)	0.83" (21)	3/8"  15 (425)
55PSQ1	M6 – M8	6 – 16 (8 – 22)	6,000	2.4 (1.1)	7.3" (185)	0.83" (21)	1/4"  15 (425)
70PS3	M8 – M10	26 – 42 (36 – 58)	5,500	3.5 (1.6)	8.1" (206)	0.97" (25)	3/8"  17 (481)
90PS4	M10 – M12	37 – 59 (51 – 78)	5,000	4.4 (2.0)	7.9" (201)	1.15" (29)	1/2"  18 (510)

Model			
40PS – 55PS	70 – 76 dBA	1/4" NPT	3/8" (10 mm)
70PS – 90PS	82 – 85 dBA	1/4" NPT	3/8" (10 mm)

Power Pulse

Performance-proven designs offer broad torque ranges for ultimate flexibility.

Features

- Torque range: 10 – 140 ft-lbs (14 – 190 Nm)
- Speeds: 6,500 – 10,500 rpm
- Easy torque adjustment for quick setup
- Auto-shut-off feature stops airflow to tool when cycle is complete
- Broad torque coverage
- Two-speed trigger provides slow-speed starting and high-speed rundown
- Auto-shut-off limits air consumption and tool wear
- Deters early throttle release; recommended when improved error-proofing is desired



Service and Accessories

Manuals:

- P7191us
- P7192us

Accessories:

- Sockets, see form # IR-0506-016
- QC qualifier, see page 132
- Spring balancer, see page 177

Kits:

See page 137 for kits

Model	ft-lbs (Nm)	rpm	lb (kg)	in (mm)	in (mm)	in	cfm (L/min)	
DC TRIGGER START								
500PS3	M6 – M8	10 – 40 (14 – 54)	10,500	4.0 (1.8)	7.9" (201)	1.2" (30)	3/8" □	12 (340)
700PS3	M8 – M10	20 – 60 (27 – 81)	9,250	4.5 (2.0)	8.5" (216)	1.2" (30)	3/8" □	14 (396)
900PS4	M10	30 – 70 (41 – 95)	8,000	5.9 (2.7)	9.1" (231)	1.3" (33)	1/2" □	14 (396)
1100PS4	M10 – M12	40 – 85 (54 – 115)	6,500	6.2 (2.8)	9.2" (234)	1.3" (33)	1/2" □	16 (453)
1900PS4	M12 – M14	70 – 140 (108 – 190)	7,000	8.6 (3.9)	10.2" (259)	1.5" (38)	1/2" □	18 (510)

Model			
Power Pulse	77 – 82 dBA	1/4" NPT	3/8" (10 mm)

Air Tool Qualifiers

QC Qualifier

Error-proofing and process control for shut-off and non-shut-off tools.

Process Qualification

- Provides OK / NOK signal based on air flow rundown signature
- Verifies batch / gang count and cycle time completion
- Optional hose light gives operator visual feedback right at the tool
- I/O ports interface with alarms, lights, and process control devices
- Total cycle count alarm prompts for preventive maintenance

Error-Proofing

- Detects rehits, cross-threads, and early throttle release

Easy Setup

- Simple menu prompts quickly to lead users through setup

Shut-Off Capability

- Solenoid valve provides shutoff capability on non-shut-off tools

Tool Compatibility

- No tool modifications are required (such as special valves, porting)
- Independent of brand — see manual for tool compatibility list

Recommended when additional error-proofing, operator feedback and process control are required.

Service and Accessories

Manuals:

-  45520624
-  45499555

Accessories:

- Hose light, see page 138
- Spring balancers, see page 177



Model	OK / NOK	Batch Count	Batch Timing	Error-Proofing	I/O	Parameter Sets	Comm Protocol	Solenoid Valve
FOR USE WITH NON-SHUT-OFF TOOLS								
QC100-S-K	●	●	●	●	●	2	—	●
QC100-N-K	●	●	●	●	●	2	PFCS	●
FOR USE WITH SHUT-OFF TOOLS								
QC200-S-K	●	●	●	●	●	2	—	—
QC200-N-K	●	●	●	●	●	2	PFCS	—

Pistol Grip Pulse Tools

Transducerized

QXP Series




Combine the power and ergonomics of the latest generation of reactionless pulse tools with closed-loop electronic control to maximize productivity in torque-critical applications.

Features

- Torque range: 7.4 – 162 ft-lbs (10 – 220 Nm)
- Speeds: 4,200 – 7,000 rpm
- Extremely compact, lightweight, ergonomic design
- World-class power-to-weight ratio
- Reactionless, high-speed operation
- Accurate, adjustable closed-loop torque control
- Low noise and vibration
- Visible and audible feedback
- Recommended for applications requiring data output, closed-loop torque accuracy, process control, and operator feedback

Service and Accessories

Manuals:

-  80206642
-  80206675
-  80194574


















Accessories:



Impact sockets, see form # IR-0506-016
Spring balancers, see page 177

Kits:

See page 137 for kits



							
Model		ft-lbs (Nm)	rpm	lb (kg)	in (mm)	in (mm)	Drive
DC TRIGGER START							
QXP60P6	M6	7.4 – 14.5 (10 – 19.5)	6,000	2.8 (1.26)	7.0" (179)	0.8" (21.0)	3/8" 
QXP60Q4	M6	6.3 – 11.8 (8 – 16)	6,000	2.8 (1.26)	7.0" (179)	0.8" (21.0)	1/4" 
QXP70P6	M6 – M8	13 – 24 (18 – 33)	7,000	2.8 (1.26)	7.0" (179)	0.8" (21.0)	3/8" 
QXP70Q4	M6 – M8	11 – 20 (15 – 27)	7,000	2.8 (1.26)	7.0" (179)	0.8" (21.0)	1/4" 
QXP80P6	M8	17 – 33 (24 – 46)	7,000	3.0 (1.3)	7.3" (186)	0.8" (21.0)	3/8" 
QXP90P6	M8 – M10	26 – 44 (35 – 60)	6,500	3.3 (1.50)	7.7" (195)	0.9" (23.0)	3/8" 
QXP110P8	M10 – M12	35 – 70 (48 – 95)	5,500	4.1 (1.86)	8.2" (209)	1.0" (25.6)	1/2" 
QXP120P8	M12	48 – 92 (65 – 125)	5,900	5.4 (2.46)	8.8" (223)	1.1" (29.0)	1/2" 
QXP140P8	M14	55 – 114 (75 – 155)	5,200	6.3 (2.86)	9.3" (235)	1.1" (29.0)	1/2" 
QXP150P8	M16	81 – 162 (110 – 220)	4,200	7.5 (3.41)	9.6" (241)	1.3" (32.5)	1/2" 

Series			
QXP	75 – 87 dBA	1/4" NPT	3/8" (10 mm)

Pistol Grip Pulse Tools

Transducerized

YE Classic Series


Combine the power and ergonomics of reactionless pulse tools with closed-loop electronic control to maximize productivity in torque-critical applications.

Features

- Torque range: 2.6 – 265 ft-lbs (3.5 – 360 Nm)
- Speeds: 2,300 – 9,000 rpm
- Excellent power-to-weight ratio
- Reactionless, high-speed operation
- Accurate, adjustable closed-loop torque control
- Low noise and vibration
- Recommended for applications requiring data output, closed-loop torque accuracy, process control, and operator feedback

Service and Accessories

Manuals:

-  P7584
-  P7371













Accessories:




Impact sockets, see form # IR-0506-016
Spring balancers, see page 177

Kits:

See page 137 for kits



Model		ft-lbs (Nm)	rpm	lb (kg)	in (mm)	in (mm)	Drive
DC TRIGGER START							
YEX-120A	M5 – M6	2.6 – 6.5 (3.5 – 8.8)	7,000	3.2 (1.43)	8.8" (223)	0.93" (23.5)	1/4" 
YEX-120	M5 – M6	2.9 – 7.2 (3.9 – 9.8)	7,000	3.2 (1.43)	8.7" (222)	0.93" (23.5)	3/8" 
YEX-150A	M5 – M6	3.6 – 11.1 (4.9 – 15)	9,000	3.2 (1.43)	8.8" (223)	0.91" (23.0)	1/4" 
YEX-150	M5 – M6	4.0 – 13.3 (5.4 – 18)	9,000	3.2 (1.43)	8.7" (222)	0.91" (23.0)	3/8" 
YEX-501A	M6 – M8	11.1 – 31.7 (15 – 43)	8,200	4.4 (2.0)	8.9" (227)	1.04" (26.5)	1/4" 
YEX-501	M6 – M8	12.5 – 35 (17 – 48)	8,200	4.4 (2.0)	9.4" (234)	1.04" (26.5)	3/8" 
YEX-701	M8 – M10	18.4 – 55 (25 – 75)	8,000	4.9 (2.2)	9.7" (246)	1.04" (26.5)	3/8" 
YEX-901	M10	23.6 – 65 (32 – 88)	6,100	5.9 (2.7)	10.1" (257)	1.32" (33.5)	1/2" 
YEX-1400	M10 – M12	38 – 105 (52 – 142)	5,900	7.7 (3.5)	10.5" (266)	1.34" (34.0)	1/2" 
YEX-1900	M12	43 – 123 (58 – 167)	5,800	9.0 (4.1)	10.9" (277)	1.54" (39.0)	1/2" 
YEX-3000	M16	90 – 209 (122 – 284)	4,000	14.1 (6.4)	12.2" (309)	1.57" (40.0)	3/4" 
YED-200	M18 – M20	129 – 265 (175 – 360)	2,300	15.0 (6.8)	12.0" (307)	1.60" (40.0)	3/4" 

Series			
YEX	74 – 80 dBA	1/4" NPT	3/8" (10 mm)
YED	86 dBA	1/2" NPT	1/2" (13 mm)

Inline Pulse Tools

Transducerized

YE Classic Series

Combine the power and ergonomics of reactionless pulse tools with closed-loop electronic control to maximize productivity in torque-critical applications.

Features

- Torque range: 2.7 – 45 ft-lbs (3.6 – 61 Nm)
- Speeds: 7,500 – 10,000 rpm
- Excellent power-to-weight ratio
- Reactionless, high-speed operation
- Accurate, adjustable closed-loop torque control
- Low noise and vibration
- Recommended for applications requiring data output, closed-loop torque accuracy, process control, and operator feedback



Service and Accessories

Manuals:



















P7371




Accessories:

Sockets, see form # IR-0506-016
Spring balancers, see page 177

Kits:

See page 137 for kits

							
Model		ft-lbs (Nm)	rpm	lb (kg)	in (mm)	in (mm)	Drive
DC TRIGGER START							
YEX-120SA	M5 – M6	2.7 – 5.3 (3.6 – 7.2)	10,000	2.6 (1.18)	10.5" (267)	1.22" (31.0)	1/4" 
YEX-120S	M5 – M6	3.0 – 5.6 (4.0 – 7.6)	10,000	2.6 (1.18)	10.5" (267)	1.22" (31.0)	3/8" 
YEX-150SA	M5 – M6	3.6 – 11 (4.9 – 15)	9,000	3.0 (1.43)	10.9" (276)	0.91" (23.0)	1/4" 
YEX-150S	M5 – M6	4.0 – 13 (5.4 – 18)	9,000	3.2 (1.45)	10.8" (275)	0.91" (23.0)	3/8" 
YEX-300SA	M6	5.8 – 15 (7.8 – 20)	8,000	4.0 (1.80)	12.3" (313)	1.06" (27.0)	1/4" 
YEX-300S	M6	6.5 – 16 (8.8 – 22)	8,000	4.0 (1.80)	12.3" (313)	1.06" (27.0)	3/8" 
YEX-500SA	M6 – M8	8.1 – 27 (11 – 37)	7,800	4.6 (2.10)	13.2" (334)	1.06" (27.0)	1/4" 
YEX-500S	M6 – M8	9.6 – 30 (13 – 41)	7,800	4.6 (2.10)	13.1" (333)	1.06" (27.0)	3/8" 
YEX-700S	M8	14.8 – 45 (20 – 61)	7,500	5.1 (2.30)	13.1" (333)	1.06" (27.0)	3/8" 

Series			
YEX	74 – 80 dBA	1/4" NPT	3/8" (10 mm)

Controllers

YETC-200 Series

Combine the power and ergonomics of reactionless pulse tools with closed-loop electronic control to maximize productivity in torque-critical applications.

Features

- Easy setup and programming of up to 8 parameter groups
- Closed-loop torque control for QXP and YE Series tools
- Torque readout and data output
- Detects rehits, cross-threads, and early throttle release
- Cycle and batch OK/NOK signals
- I/O for process flow control
- Advanced tightening strategies available
- Recommended for applications requiring data output, closed-loop torque accuracy, process control, and operator feedback

Programmable parameters:

- Maximum torque
- Minimum torque
- Target torque
- Threshold torque
- Tool coefficient
- Fast error (pre-tightened)
- Slow error (cross thread)
- Gang control
- Additional advanced parameters



Additional Equipment

Standard equipment:

Controller	
10-meter tool cable	Y-7642-0908-0117
Solenoid valve	
Tool air hose with quick couplers	
Air regulator	

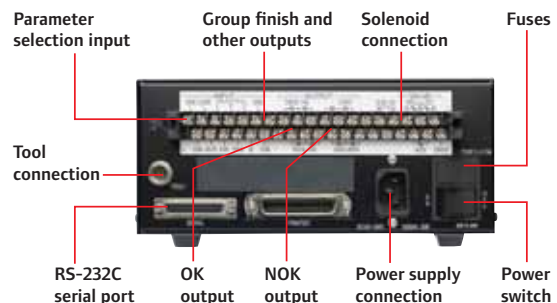
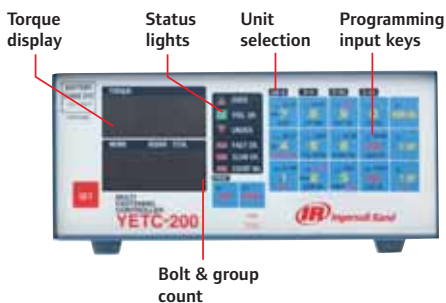
Optional equipment:

15-meter tool cable	Y-7642-0908-0119
20-meter extension tool cable	Y-7642-0908-0122
3/8" solenoid valve	Y-9191-1026-0000
1/2" solenoid valve	YETV-12KIT
Printer	Y-CTZ

Manuals:

- P7395
- P7396

Model	in (mm)	in (mm)	in (mm)	lb (kg)	volts	Configs	
YETC-200ETB	9" (230)	4.3" (110)	11.4" (290)	11.4 (5.2)	117 V AC	8	1
YETC-200ETB-4	9" (230)	4.3" (110)	11.4" (290)	11.4 (5.2)	117 V AC	4 x 2	4
YETC-200ETF	9" (230)	4.3" (110)	11.4" (290)	11.4 (5.2)	117 V AC	8	1



Pulse Tools

Accessories

Pulse Tune-Up Kits

Model	Motor Kit	Mechanism Kit	Repair Kit
SHUT-OFF PULSE TOOLS			
POWER PULSE PLUS			
40PSQ1	40PSQ1-TK1	40PSQ1-TKMS1	45PS-99
45PS3	45PS3-TK1	45PS3-TKMS1	45PS-99
45PSQ1	45PS3-TK1	45PS3-TKMS1	45PS-99
55PS3	55PS3-TK1	45PS3-TKMS1	45PS-99
55PSQ1	55PS3-TK1	45PS3-TKMS1	45PS-99
70PS3	70PS3-TK1	70PS3-TKMS1	45PS-99
90PS4	90PS4-TK1	90PS4-TKMS1	90PS-99
POWER PULSE			
500PS3	500PS3-K500	500PS3-K600	700A-99
700PS3	700PS3-K500	500PS3-K600	700A-99
900PS4	900PS4-K500	900PS4-K600	700A-99
1100PS4	1100PS4-K500	1100PS4-K600	700A-99
1900PS4	1900P-K500A	1900P-K600A	1900P-99
NON-SHUT-OFF PULSE TOOLS			
POWER PULSE PLUS			
46P3	46P-TK1	46P-TKMS1	46P-99
46PQ1	46P-TK1	46P-TKMS1	46P-99
Q70PQ1	Q70P-TK1	Q70P-TKMS1	N/A
Q70P3	Q70P-TK1	Q70P-TKMS1	N/A
Q80PQ1	Q70P-TK1	Q70P-TKMS1	N/A
Q80P3	Q70P-TK1	Q70P-TKMS1	N/A
Q90P3	Q70P-TK1	Q70P-TKMS1	N/A
Q110P4	Q110P-TK1	Q110P-TKMS1	N/A
100P4	100P4-TK1	100P4-TKMS1	100P4-99
130P4	130P4-TK1	130P4-TKMS1	130P4-99
140P6	140P6-TK1	140P6-TKMS1	140P6-99

Model	Motor Kit	Mechanism Kit	Repair Kit
NON-SHUT-OFF PULSE TOOLS			
POWER PULSE			
100PQ1	100PQ-K500	100PQ-K600	100PQ-99
180PQ1	180PQ-K500	180PQ-K600A	180PQ-99
280PQ1	280PQ-K500	180PQ-K600A	180PQ-99
280P	280PQ-K500	180PQ-K600A	180PQ-99
380PQ1	380PQ-K500	380PQ-K600A	180PQ-99
380P	380PQ-K500	380PQ-K600A	180PQ-99
500PQ1	500P-K500	500P-K600	700A-99
500P	500P-K500	500P-K600	700A-99
700P	700P-K500	500P-K600	700A-99
900P	900P-K500	900P-K600A	700A-99
1100P	1100PS4-K500	900P-K600A	700A-99
INLINE			
100SQ1	100SQ-K500	100PQ-K600	100PQ-99
180SQ1	180PQ-K500	180PQ-K600A	180PQ-99
280SQ1	280PQ-K500	180PQ-K600A	180PQ-99
380SQ1	380PQ-K500	380SQ-K600A	180PQ-99
ANGLE			
500A	500A-K500	500A-K600	180PQ-99
700A	700A-K500	700A-K600	700A-99
QXP SERIES TRANSDUCERIZED PULSE			
Models 70/80/90	Q70P-TK1	Q70P-TKMS1	N/A
Models 110	Q110P-TK1	Q110P-TKMS1	N/A

Pulse Tools

Accessories

Hose Lights

Model	Description
QXLH-16-14	8' (2.4 m) hose and light with 1/4" fittings
QXLH-13-14	16' (4.8 m) hose and light with 1/4" fittings
QXLH-25-14	25' (7.6 m) hose and light with 1/4" fittings
QXLH-16-38	16' (4.8 m) hose and light with 3/8" fittings
QXLH-25-38	25' (7.6 m) hose and light with 3/8" fittings



QC & QXC Hose Light

Literature

Catalog Name	Form Number
Pulse Tools	SW041107

Protective Boots

Model	Boot Part Number
100P4	100P4-P32
130P4	130P4-P32
46P3, 46PQ1	46P3-941
45PS3, 45PSQ1, 55PS3, 55PSQ1	55PS3-P32
70PS3	70PS3-P32
90PS4	90PS4-P32
140P6	140P6-P32
40PSQ1	40PSQ1-P32
Q70P3, Q70PQ1	Y-0189-0029-0000
Q80P3, Q80PQ1	Y-0191-0029-0000
Q90P3	Y-0188-0029-0000
Q110P4	Y-0190-0029-0000
QXP70P6, QXP70Q4, QXP90P6	Y-0186-0029-0000
QXP110P8	Y-0187-0029-0000
QXP120P8	Y-0323-0029-0000
QXP140P8	Y-0341-0029-0000



Protective Boots