



*Pneumatic Assembly Tools for
General Industry Applications
Screwdrivers, Nutrunners and Drills*

REAL TOOLS FOR REAL WORK.™

Best Industrial Assembly Screwdrivers

Accuracy – Speed – Durability

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



Q2 Series – Screwdrivers/Nutrunners/Drills

Performance:

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

Ergonomics:

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

For use in light & medium industries such as:

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

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

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

1 Series Low Torque Pistol & Inline Screwdrivers

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



Pistol & Inline Screwdrivers

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



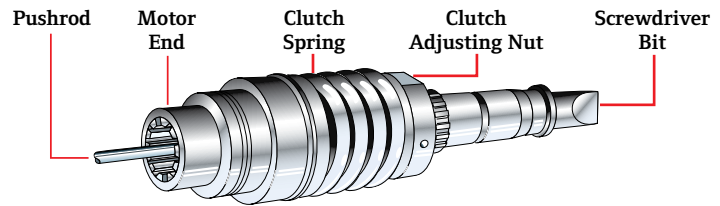
Clutch Selections

Air Screwdrivers & Nutrunners

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

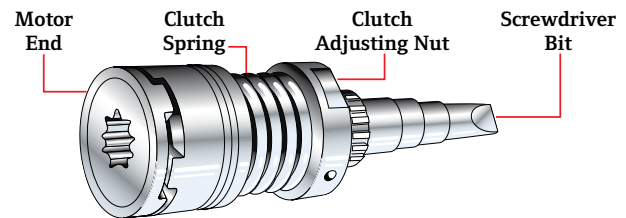
Adjustable Precision Shut-Off Clutch

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



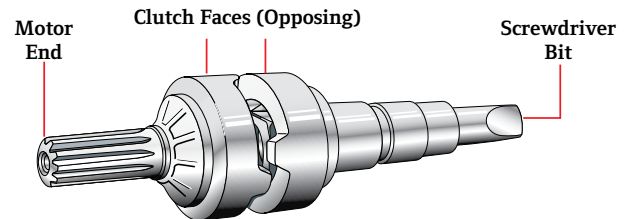
Adjustable Cushion Clutch

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



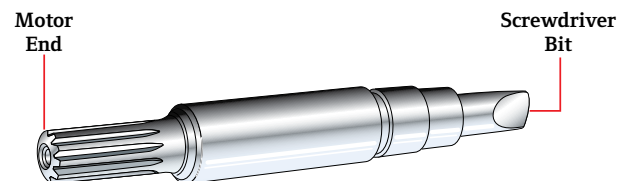
Positive Jaw Clutch

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



Stall

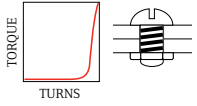
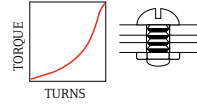
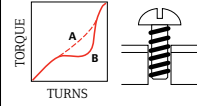
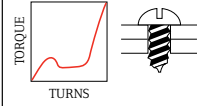
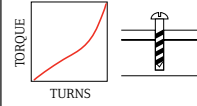
Designed for soft pull applications in wood and other materials not requiring critical torque control. Applied torque is controlled by the operator and can be limited by regulating air line pressure.



Clutch Selection Guide

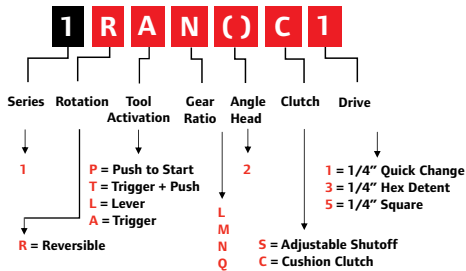
Air Screwdrivers & Nutrunners

Types of Joints

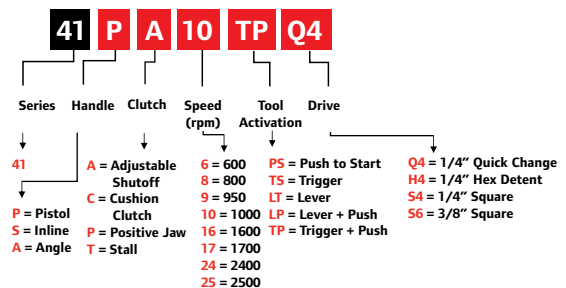
| | Free Running-Slam (Hard Drive) | Compressing Gaskets (Soft Draw) | Self-Tapping Screws | Sheet Metal Screws | Wood Screws |
|---|--|--|---|---|--|
| Select the Clutch to Fit Your Job |  Resistance low at start and during rundown but peaks suddenly as bolt head seats. |  Turning resistance gradually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

Model Identification Guide

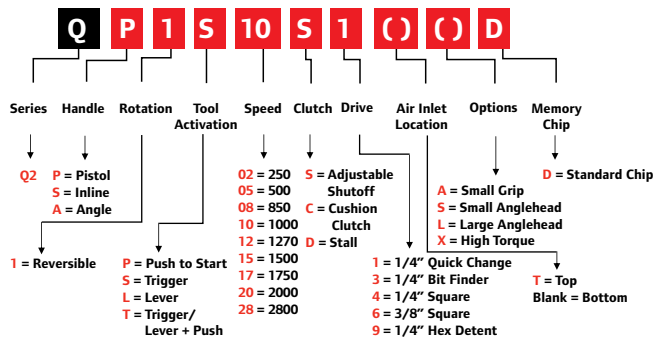
1 Series Air Screwdrivers / Nutrunners



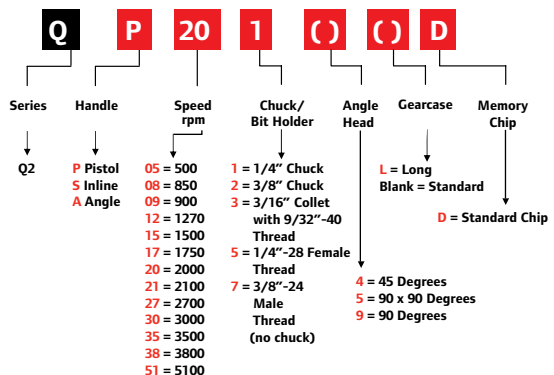
41 Series Air Screwdrivers / Nutrunners



Q2 Series Air Screwdrivers / Nutrunners



Q2 Series Air Drills



Q2 Series *Pistol Screwdrivers*

Sets the standard for assembly tool ergonomics.

Features

- Torque range: 3.0 – 86.7 in-lbs (0.3 – 9.8 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



QP1T20S1TD

ADJUSTABLE SHUT OFF CLUTCH TYPE

| 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) |
| ☑ 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) |
| QP1S02S1D | 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) |
| 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) |
| ☑ TRIGGER + PUSH-TO-START | | | | | | | | | |
| 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) |
| 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) |
| 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) |

CUSHION CLUTCH CLUTCH TYPE

| Model | in-lbs (Nm) | in-lbs (Nm) | in-lbs (Nm) | rpm | lbs (kg) | in (mm) | in (mm) | in | cfm (L/min) |
|----------------------------------|-----------------------|------------------------|-------------------------|-------|-----------|------------|-----------|--------|-------------|
| ☑ 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 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) |
| QP1S02C1D | 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) |
| 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) |
| ☑ 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) |

STALL TYPE

| Model | in-lbs (Nm) | rpm | lbs (kg) | in (mm) | in (mm) | in | cfm (L/min) |
|------------------------|-------------|------|-----------|------------|-----------|--------|-------------|
| ☑ TRIGGER START | | | | | | | |
| QP1S20D1TD* | 25.7 (2.9) | 2000 | 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) |
| QP1S05D1TD* | 86.7 (9.8) | 500 | 1.5 (0.7) | 6.4" (162) | 0.6" (15) | 1/4" Ⓞ | 16 (450) |

*Top air inlet.

Service and Accessories

Manuals:

- 16574527
- 80165939
- 16575219

Accessories:

- Torque arm: QTA010
- Spring balancer, see page 13
- Hanger: TRP-A365

Kits:

- ASO clutch tune-up kit: Q2-ASO-TK1

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

Q2 Series Inline Screwdrivers

Sets the standard for assembly tool ergonomics.

Features

- Torque range: 2.7 – 51 in-lbs (0.3 - 5.8 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



QS1P20S1D

| ADJUSTABLE SHUT OFF CLUTCH TYPE | | | | | | | | | |
|---------------------------------|-----------------------|------------------------|-------------------------|------------|-----------|------------|-------------|------|-------------|
| Model | in-lbs (Nm) | in-lbs (Nm) | in-lbs (Nm) | rpm | lbs (kg) | in (mm) | in (mm) | in | cfm (L/min) |
| DC LEVER START | | | | | | | | | |
| QSL15S1D | 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) |
| QSL10S1D | 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) |
| QSL10S1D | 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) |
| QSL10S1D | 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 | | | | | | | | | |
| QSP20S1D | 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) |
| QSP15S1D | 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) |
| QSP10S1D | 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) |
| QSP05S1D | 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) |
| QSP10S1D | 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) |
| QSP15S3D | 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) |
| QSP10S3D | 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) |
| QSP05S3D | 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) |
| DC LEVER + PUSH-TO-START | | | | | | | | | |
| QST20S1D | 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) |
| QST15S1D | 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) |
| QST10S1D | 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) |
| QST10S1D | 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) |
| QST10S1D | 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) |
| CUSHION CLUTCH CLUTCH TYPE | | | | | | | | | |
| Model | in-lbs (Nm) | in-lbs (Nm) | in-lbs (Nm) | rpm | lbs (kg) | in (mm) | in (mm) | in | cfm (L/min) |
| DC LEVER START | | | | | | | | | |
| QSL28C1D | 3.0 - 9.7 (0.3 - 1.1) | - | - | 2,800 | 1.5 (0.7) | 9.5" (241) | 0.9" (22) | 1/4" | 16 (450) |
| QSL20C1D | 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) |
| QSL15C1D | 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) |
| QSL10C1D | 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) |
| QSL10C1D | 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) |
| DC PUSH-TO-START | | | | | | | | | |
| QSP28C1D | 3.0 - 9.7 (0.3 - 1.1) | - | - | 2,800 | 1.4 (0.6) | 8.8" (223) | 0.9" (22) | 1/4" | 16 (450) |
| QSP20C1D | 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) |
| QSP15C1D | 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) |
| QSP10C1D | 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) |
| QSP05C1D | 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) |
| STALL TYPE | | | | | | | | | |
| Model | in-lbs (Nm) | rpm | lbs (kg) | in (mm) | in (mm) | in | cfm (L/min) | | |
| DC LEVER START | | | | | | | | | |
| QSL120D1D | 26 (2.9) | 2,000 | 1.3 (0.6) | 9.5" (241) | 0.9" (22) | 1/4" | 16 (460) | | |
| QSL10D1D | 51 (5.8) | 1,000 | 1.3 (0.6) | 9.5" (241) | 0.9" (22) | 1/4" | 16 (460) | | |

Service and Accessories

Manuals:

- 16574501, 16574493
- 80165921
- 16575185, 16575193

Accessories:

Spring balancer, see page 13
Workstation, see page 14
Piped away exhaust kit: LG1-K284

Kits:

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

| Series | Headset | Eye Protection | Exhaust Kit |
|--------|---------|----------------|-------------|
| Q2 | 75 dBA | 1/4" NPT | 1/4" (6 mm) |

Service and Accessories

Manuals:

- 16574543
- 80167406
- 16584062

Accessories:

Spring balancer, see page 13
Vertical hanger: 7L-365
Piped away exhaust kit: LG1-K284

Kits:

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

Q2 Series Angle Nutrunners

Sets the standard for assembly tool ergonomics.



QA1L05S4LD

Features

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

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

ADJUSTABLE SHUT OFF CLUTCH TYPE

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

CUSHION CLUTCH CLUTCH TYPE

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

STALL TYPE

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

Q2 Series Drills

Compact and light weight, Q2 drills deliver more power in a smaller package to get the job done in less time.



QP151D

Features

- Stall torque: 9.7 – 86.4 in-lbs (1.1 – 9.8 Nm)
- Speeds: 500 – 5100 rpm
- Compact and lightweight, this tool delivers more power in a smaller package to get the job done in less time
- Variable speed control allows slow starting and high speed for fast drilling
- Ergonomic design reduces operator fatigue
- Excellent power-to-weight ratio gets the job done with less fatigue

| PISTOL | | | | | | | |
|------------------------|-------------|-------|-----------|------------|-----------|-----------|-------------|
| Model | in-lbs (Nm) | rpm | lbs (kg) | in (mm) | in (mm) | in (mm) | cfm (L/min) |
| C TRIGGER START | | | | | | | |
| QP511LD | 9.7 (1.1) | 5,100 | 1.4 (0.7) | 6.7" (171) | 1/4" (6) | 0.6" (15) | 16 (450) |
| QP381D | 13.3 (1.5) | 3,800 | 1.5 (0.7) | 7.2" (184) | 1/4" (6) | 0.6" (15) | 16 (450) |
| QP301LD | 15.9 (1.8) | 3,000 | 1.4 (0.7) | 6.7" (171) | 1/4" (6) | 0.6" (15) | 16 (450) |
| QP302LD | 15.9 (1.8) | 3,000 | 1.7 (0.8) | 6.7" (171) | 3/8" (10) | 0.7" (18) | 16 (450) |
| QP201D | 24.8 (2.8) | 2,000 | 1.5 (0.7) | 7.2" (184) | 1/4" (6) | 0.6" (15) | 16 (450) |
| QP202D | 24.8 (2.8) | 2,000 | 1.8 (0.8) | 7.2" (184) | 3/8" (10) | 0.7" (18) | 16 (450) |
| QP151D | 30.1 (3.4) | 1,500 | 1.5 (0.7) | 7.2" (184) | 1/4" (6) | 0.6" (15) | 16 (450) |
| QP152D | 30.1 (3.4) | 1,500 | 1.8 (0.8) | 7.2" (184) | 3/8" (10) | 0.7" (18) | 16 (450) |
| QP091D | 51.3 (5.8) | 900 | 1.5 (0.7) | 7.2" (184) | 1/4" (6) | 0.6" (15) | 16 (450) |
| QP051D | 86.4 (9.8) | 500 | 1.5 (0.7) | 7.2" (184) | 1/4" (6) | 0.6" (15) | 16 (450) |
| QP052D | 86.4 (9.8) | 500 | 1.8 (0.8) | 7.2" (184) | 3/8" (10) | 0.7" (18) | 16 (450) |

| INLINE | | | | | | | |
|----------------------|-------------|-------|-----------|------------|----------|-----------|-------------|
| Model | in-lbs (Nm) | rpm | lbs (kg) | in (mm) | in (mm) | in (mm) | cfm (L/min) |
| C LEVER START | | | | | | | |
| QS511D | 10.6 (1.2) | 5,100 | 1.4 (0.6) | 8.1" (205) | 1/4" (6) | 0.6" (15) | 16 (450) |
| QS301D | 16.8 (1.9) | 3,000 | 1.4 (0.6) | 8.1" (205) | 1/4" (6) | 0.6" (15) | 16 (450) |
| QS151D | 33.6 (3.8) | 1,500 | 1.4 (0.6) | 8.1" (205) | 1/4" (6) | 0.6" (15) | 16 (450) |

| ANGLE | | | | | | | | |
|---|-------------|-------|-------------|--------------|------------|-----------|--------------|----------|
| Model | in-lbs (Nm) | rpm | lbs (kg) | in (mm) | in (mm) | in (mm) | cfm (L/min) | |
| C LEVER START (90° CHUCK) | | | | | | | | |
| QA2719D | 19 (2.2) | 2,700 | 2.07 (0.94) | 9.35" (238) | 1/4" (6) | 3.0" (76) | 0.54" (13.6) | 16 (450) |
| QA2119D | 24 (2.8) | 2,100 | 2.07 (0.94) | 9.35" (238) | 1/4" (6) | 3.0" (76) | 0.54" (13.6) | 16 (450) |
| QA1219D | 43 (4.9) | 1,270 | 2.07 (0.94) | 9.35" (238) | 1/4" (6) | 3.0" (76) | 0.54" (13.6) | 16 (450) |
| C LEVER START (90° SMALL ANGLE HEAD) | | | | | | | | |
| QA3559D | 16 (1.8) | 3,500 | 1.4 (0.6) | 8.7" (221) | 1/4"-28* | 1.1" (27) | 0.4" (10) | 16 (450) |
| QA2739D | 20 (2.3) | 2,700 | 1.4 (0.6) | 8.7" (221) | 3/16"*** | 1.1" (27) | 0.4" (10) | 16 (450) |
| QA2759D | 20 (2.3) | 2,700 | 1.4 (0.6) | 8.7" (221) | 1/4"-28* | 1.1" (27) | 0.4" (10) | 16 (450) |
| QA1739D | 32 (3.6) | 1,750 | 1.4 (0.6) | 8.7" (221) | 3/16"*** | 1.1" (27) | 0.4" (10) | 16 (450) |
| QA1239D | 39 (4.5) | 1,270 | 1.4 (0.6) | 8.7" (221) | 3/16"*** | 1.1" (27) | 0.4" (10) | 16 (450) |
| QA0859D | 67 (7.6) | 850 | 1.4 (0.6) | 8.7" (221) | 1/4"-28* | 1.1" (27) | 0.4" (10) | 16 (450) |
| QA0539D | 110 (12.5) | 500 | 1.4 (0.6) | 8.7" (221) | 3/16"*** | 1.1" (27) | 0.4" (10) | 16 (450) |
| QA0579D | 110 (12.5) | 500 | 1.4 (0.6) | 8.7" (221) | 3/8"-24*** | 1.1" (27) | 0.4" (10) | 16 (450) |
| QA0559D | 110 (12.5) | 500 | 1.4 (0.6) | 8.7" (221) | 1/4"-28* | 1.1" (27) | 0.4" (10) | 16 (450) |
| C LEVER START (45° SMALL ANGLE HEAD) | | | | | | | | |
| QA2754D | 17 (1.9) | 2,700 | 1.47 (0.67) | 10.55" (268) | 1/4"-28* | 1.3" (34) | 0.3" (8.3) | 16 (450) |
| QA0854D | 57 (6.4) | 850 | 1.47 (0.67) | 10.55" (268) | 1/4"-28* | 1.3" (34) | 0.3" (8.3) | 16 (450) |

Service and Accessories

Manuals:

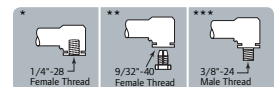
- 16572745
- 16572034
- 16572679

Accessories:

Horizontal hanger: 3RA-365
Chuck: R0H-99

Kits:

Tune-up kit: Q2-PDRILL-TK1



1 Series

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



1RTMS1

Features

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

| ADJUSTABLE SHUT OFF CLUTCH TYPE | | | | | | | | | |
|-----------------------------------|------------------------|------------------------|------------------------|-------|-----------|------------|-----------|------|-------------|
| PISTOL | | | | | | | | | |
| Model | in-lbs (Nm) | in-lbs (Nm) | in-lbs (Nm) | rpm | lbs (kg) | in (mm) | in (mm) | in | cfm (L/min) |
| DC TRIGGER + PUSH-TO-START | | | | | | | | | |
| 1RTMS1 | 4.4 – 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) |
| 1RTNS1 | 2.7 – 15.9 (0.3 – 1.8) | 4.4 – 23.0 (0.5 – 2.6) | 9.7 – 30.1 (1.1 – 3.4) | 1,000 | 1.5 (0.7) | 8.5" (217) | 0.7" (17) | 1/4" | 13 (368) |
| 1RTQS1 | 2.7 – 15.9 (0.3 – 1.8) | 4.4 – 23.0 (0.5 – 2.6) | 9.7 – 45.1 (1.1 – 5.1) | 500 | 1.5 (0.7) | 8.7" (222) | 0.7" (17) | 1/4" | 13 (368) |
| INLINE | | | | | | | | | |
| Model | in-lbs (Nm) | in-lbs (Nm) | in-lbs (Nm) | rpm | lbs (kg) | in (mm) | in (mm) | in | cfm (L/min) |
| DC LEVER START | | | | | | | | | |
| 1RLNS1 | 2.7 – 15.9 (0.3 – 1.8) | 4.4 – 23 (0.5 – 2.6) | 9.7 – 30.1 (1.1 – 3.4) | 1,000 | 1.1 (0.5) | 9.2" (234) | 0.6" (14) | 1/4" | 13 (368) |
| DC PUSH-TO-START | | | | | | | | | |
| 1RPLS1 | 4.4 – 13.3 (0.5 – 1.5) | – | – | 2,800 | 1.1 (0.5) | 8.4" (213) | 0.6" (14) | 1/4" | 13 (368) |
| 1RPMS1 | 4.4 – 15.9 (0.5 – 1.8) | 6.2 – 20.4 (0.7 – 2.3) | – | 1,650 | 1.1 (0.5) | 8.7" (222) | 0.6" (14) | 1/4" | 13 (368) |
| 1RPNS1 | 2.7 – 15.9 (0.3 – 1.8) | 4.4 – 23 (0.5 – 2.6) | 9.7 – 30.1 (1.1 – 3.4) | 1,000 | 1.1 (0.5) | 8.7" (222) | 0.6" (14) | 1/4" | 13 (368) |
| 1RPQS1 | 2.7 – 15.9 (0.3 – 1.8) | 4.4 – 23 (0.5 – 2.6) | 8.9 – 45.1 (1.0 – 5.1) | 500 | 1.1 (0.5) | 8.7" (222) | 0.7" (17) | 1/4" | 13 (368) |
| CUSHION CLUTCH CLUTCH TYPE | | | | | | | | | |
| PISTOL | | | | | | | | | |
| Model | in-lbs (Nm) | in-lbs (Nm) | in-lbs (Nm) | rpm | lbs (kg) | in (mm) | in (mm) | in | cfm (L/min) |
| DC TRIGGER + PUSH-TO-START | | | | | | | | | |
| 1RAMC1 | 2.5 – 15.9 (0.3 – 1.8) | 6.2 – 20.4 (0.7 – 2.3) | – | 1,650 | 1.5 (0.7) | 8.5" (217) | 0.7" (17) | 1/4" | 13 (368) |
| 1RANC1 | 1.5 – 15.9 (0.2 – 1.8) | 4.4 – 23.0 (0.5 – 2.6) | 9.7 – 30.1 (1.1 – 3.4) | 1,000 | 1.5 (0.7) | 8.5" (217) | 0.7" (17) | 1/4" | 13 (368) |
| INLINE | | | | | | | | | |
| Model | in-lbs (Nm) | in-lbs (Nm) | in-lbs (Nm) | rpm | lbs (kg) | in (mm) | in (mm) | in | cfm (L/min) |
| DC 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) |
| DC 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) |
| 1RPN1 | 2.7 – 15.9 (0.3 – 1.8) | 4.4 – 23.0 (0.5 – 2.6) | 9.7 – 30.1 (1.1 – 3.4) | 1,000 | 1.1 (0.5) | 8.7" (222) | 0.6" (14) | 1/4" | 13 (368) |

Service and Accessories

Manuals:

- 16574550
- 80167265

Accessories:

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

Kits:

- Tune-up kit: 3RA-TK2

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

41 Series

Time-tested design known for its durability and performance.



41PA10TSQ4

Features

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

ADJUSTABLE SHUT OFF CLUTCH TYPE

PISTOL

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

INLINE

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

CUSHION CLUTCH CLUTCH TYPE

PISTOL

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

(continued next page)

Service and Accessories

Manuals:

- 16574592
- 80167356
- 16575284

Accessories:

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

Kits:

- Mechanism kit: 48804-1

41 Series Continued...

INLINE

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

POSITIVE JAW TYPE

PISTOL

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

INLINE

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

STALL TYPE

PISTOL

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

INLINE

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

Service and Accessories

Manuals:

- 16574592
- 80167356
- 16575284

Accessories:

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

Kits:

- Mechanism kit: 48804-1

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

Accessories

Take advantage of our extensive line of accessories to optimize your assembly operations and maximize your productivity. From Torque Reaction Arms and Torque Tubes to Spindle Accessories and Spring Balancers, we have options to complement your work cells and improve your ergonomics and efficiency. Whether a single, handheld application or a sophisticated set of custom engineered systems, we have the tools and accessories to meet your requirements and the global network of service and solutions providers capable of meeting your needs for application studies, line audits, design, project management, installation, and service.



Spring Balancers

Cable

BLD Series

Features

- Self-lubricating bushings
- Adjustable capacity and stroke limiting device
- Auxiliary safety suspension

Manuals:



BLD



BLD1

BMD Series

Features

- Safety device prevents dropping of load due to spring breakage (except on BMDS-2)
- Anti-friction cable guide
- Adjustable stroke-limiting device

Manuals:



BMDL4



BMDS2



BMDLL



BMDS4



BMDS-2

| Model | SWL | ft (m) | lbs (kg) |
|-------------------|-----------------------|-----------|-----------|
| | lbs (kg) | | |
| BLD SERIES | | | |
| BLD1 | 0.9 – 2.2 (0.4 – 1.0) | 5.2 (1.6) | 1.3 (0.6) |
| BLD2 | 2.2 – 4.4 (1.0 – 2.0) | 5.2 (1.6) | 1.3 (0.6) |
| BLD3 | 4.4 – 6.6 (2.0 – 3.0) | 5.2 (1.6) | 1.5 (0.7) |

| Model | SWL | ft (m) | lbs (kg) |
|-------------------|-------------------------|-----------|-----------|
| | lbs (kg) | | |
| BMD SERIES | | | |
| BMDS-2 | 2.2 – 5.5 (1.0 – 2.5) | 6.5 (2.0) | 4.4 (2.0) |
| BMDS-4 | 4.4 – 8.8 (2.0 – 4.0) | 6.5 (2.0) | 4.4 (2.0) |
| BMDL-4 | 4.4 – 8.8 (2.0 – 4.0) | 8.2 (2.5) | 6.4 (2.9) |
| BMDS-6 | 8.8 – 13.2 (4.0 – 6.0) | 6.5 (2.0) | 5.1 (2.3) |
| BMDL-6 | 8.8 – 13.2 (4.0 – 6.0) | 8.2 (2.5) | 7.1 (3.2) |
| BMDS-8 | 13.2 – 17.6 (6.0 – 8.0) | 6.5 (2.0) | 5.5 (2.5) |

Workstations & Torque Tubes

Light-Duty Workstations

These steel-constructed, lightweight workstations offer the operator flexibility while supporting the tool weight. Add a torque absorber rod to help relieve minor torque reaction.

| Part Number | Description |
|-------------|--|
| IRBS3-N30 | Air tool station with torque absorber |
| IRBS3-E30 | Electric tool station with torque absorber |

Note: Workstations do not include tool, spring balancer, air hose, or FRL. All must be purchased separately.



Torque Tubes

| Model | Description | ft-lbs (Nm) | SWL | lbs (kg) | in (mm) |
|----------|-------------|-------------|-----------|----------|-----------|
| | | lbs (kg) | lbs (kg) | | |
| 54044227 | IRZ-TT-100 | 74 (100) | 60 (27) | 40 (18) | 20" (508) |
| 54041819 | IRZ-TT-250 | 184 (250) | 60 (27) | 50 (23) | 24" (610) |
| 54044417 | IRZ-TT-500* | 368 (500) | 400 (182) | 75 (34) | 36" (914) |

* Requires carriage mount.
See form # MHD55226 for more details.

Drill Adapters

| Part Number | Thread Size | Drive |
|------------------------------|-----------------------|---------------|
| SQUARE DRIVE ADAPTER | | |
| R0H-P212-3/8 | 3/8"-24 female thread | 3/8" |
| QUICK CHANGE ADAPTERS | | |
| R0H-A925-4 | 3/8" - 24 | 1/4" |
| Part Number | Drive Spindle | Female Thread |
| SPINDLE ADAPTERS | | |
| 30629 | 1/2"-20 (male) | 3/8"-24 |
| 30384-5 | 3/8" square | 3/8"-24 |
| 30384-9 | 1/2" square | 3/8"-24 |
| 40768 | 1/2" square | 1/2"-20 |



General Chucks

| Part Number | Chuck Size | Thread Size | Key |
|-----------------------------|--------------|-------------|-----------|
| DRILL CHUCKS | | | |
| 7802-99 | 3/8" | 3/8" - 24 | N/A |
| 30016 | 3/8" | 1/2" - 20 | N/A |
| 7803-99 | 1/2" | 3/8" - 24 | R1T-J253 |
| R1N-99A | 1/2" | 1/2" - 20 | N/ |
| 36953 | 1/4" | No. 1 taper | N/A |
| 33906 | 1/4" | 1/2" - 20 | N/A |
| KEYLESS CHUCKS | | | |
| 728-99-KC5 | 3/8" | 3/8" - 24 | N/A |
| 728-99-KC8 | 1/2" | 3/8" - 24 | N/A |
| STANDARD DUTY CHUCKS | | | |
| 7801-99-6 | 3/8" | 3/8" - 24 | 728N-253 |
| MEDIUM DUTY CHUCKS | | | |
| R0H-99 | 1/4" | 3/8" - 24 | R1H-J253 |
| HEAVY DUTY CHUCKS | | | |
| 6A-99 | 3/8" | 3/8" - 24 | R0J-J253 |
| R00A-99 | 1/4" | 3/8" - 24 | R00A-J253 |
| R0K-99 | 5/64" - 1/2" | 3/8" - 24 | R1T-J253 |



Power Quick Change Chucks

| Square Drive Female | Hex Chuck Size Female | Part Number |
|---------------------|-----------------------|-------------|
| 1/2" | 7/16" | 4U-A925-7 |

Ergo Grips / Bio Grips / Comfort Grips

| Part Number | Used With: |
|-----------------------------------|------------------------------|
| ERGO GRIPS | |
| SEG3A-IR | Series 1 |
| SEG4-IR | Series 41 (1700 rpm or less) |
| SEG4H-IR | Series 41 (over 1700 rpm) |
| REPLACEMENT FOAM GRIP KITS | |
| SEG3A-CGK | For SEG3 models |
| SEG4-CGK | For SEG4 models |
| BIO BRACE | |
| SBB4-AR41 | Series 41 (1700 rpm or less) |
| SBB4-VS | VersaTec |

Lubricants

| Part Number | Description |
|---------------------------------------|--|
| CLASS 1 #10 OILS FOR AIR TOOLS | |
| 10Z4 | 4 oz oil |
| 10P | 1 pt oil |
| 10G | 1 gal oil |
| GREASE | |
| 23-1 LB | #23 - 1 lb - drill gearing |
| 28 1 LB | #28 - 1 lb - SD gearing and clutches |
| 28 8 LB | #28 - 8 lb - SD gearing and clutches |
| 66 1 LB | #66 - 1 lb - slow-speed angle heads |
| 67-4T | #67 - 4 oz tube - high-speed angle heads |
| GTH-1 | grease gun for 4 oz tube |
| 67-1 LB | #67 - 1 lb - high-speed angle heads |
| 67 8 LB | #67 - 8 lb - high-speed angle heads |
| 68-1LB | #68 - 1 lb - Coupling splines |



Work Gloves

| Part Number | Description |
|-------------|-----------------------------|
| IR-GL-1 | Standard black, large |
| IR-GXL-1 | Standard black, extra large |
| TGSL-GL-1 | Thunder gun series, large |
| TNT-GL-1 | Titanium series, large |

360° Swivel Air Inlets

| Part Number | Inlet | CFM | Type |
|-------------|-------|------|-------------|
| ASA-1/4 | 0-25 | 1/4" | Adjustable |
| ASC-1/4 | 0-33 | 1/4" | Non-marring |
| AS-3/8 | 0-45 | 3/8" | Standard |
| AS-1/2 | 0-65 | 1/2" | Standard |

Angle Head Boots

| 25 mm | 28 mm | 35 mm | 43 mm | 48 mm | 56 mm |
|--------|--------|--------|-----------|-----------|------------|
| 131996 | 131995 | 131997 | GEA40-172 | GEA40-173 | GEA240-173 |

Based on tool angle head diameter

Polyurethane Coil Hoses

| Part Number | Description |
|-------------|--|
| P14-10 | 1/4" x 10' polyurethane coil hose, (1) 1/4" rigid, (1) 1/4" swivel fitting |
| P14-20 | 1/4" x 20' polyurethane coil hose, (1) 1/4" rigid, (1) 1/4" swivel fitting |
| P14-30 | 1/4" x 30' polyurethane coil hose, (1) 1/4" rigid, (1) 1/4" swivel fitting |
| P38-10 | 3/8" x 10' polyurethane coil hose, (1) 3/8" rigid, (1) 3/8" swivel fitting |
| P38-20 | 3/8" x 20' polyurethane coil hose, (1) 3/8" rigid, (1) 3/8" swivel fitting |
| P38-30 | 3/8" x 30' polyurethane coil hose, (1) 3/8" rigid, (1) 3/8" swivel fitting |
| P12-10R | 1/2" x 10' polyurethane coil hose, (2) 1/2" reusable swivel fittings |
| P12-20R | 1/2" x 20' polyurethane coil hose, (2) 1/2" reusable swivel fittings |
| P12-30R | 1/2" x 30' polyurethane coil hose, (2) 1/2" reusable swivel fittings |

Visit
IRTOOLS.COM
 To Find An Authorized Dealer



Ingersoll Rand (NYSE:IR) advances the quality of life by creating comfortable, sustainable and efficient environments. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; and increase industrial productivity and efficiency. We are a \$13 billion global business committed to a world of sustainable progress and enduring results.



irtools.com