

UAT SERIES [SHUT OFF TYPE]

UAT series with high fastening accuracy are at the top in Pneumatic Tools.

Oil-Pulse Wrench with 3 advantages ; High Efficiency, High Accuracy and High Durability.

BOLT & NUT SETTERS



UAT40



UAT50



UAT60



UAT70



UAT80



UAT90



UAT100



UAT130



UAT200



UAT40S



UAT50SL



UAT60SD



UAT70S

**2 types are available for different air pressure level.
They can be distinguished by colors.**

Standard Type (0.5~0.6MPa)



Pistol Type

Straight Type

Low Air Pressure Type (0.4~0.5MPa)



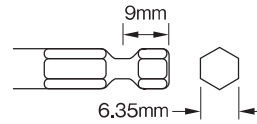
Pistol Type

Straight Type

*Recommended Air Pressure for UAT30 and UAT40 series is 0.4~0.5MPa.

Quick-change driver anvil type

On pulling the sleeve, insert or take off the bit.



The model name suffixing (D) is the Quick-change driver anvil type.

BOLT & NUT SETTERS

SPECIFICATIONS

Recommended Air Pressure : 0.4MPa (57psi) ~ 0.6MPa (85psi)

| Model | Capacity (Nominal Bolt Size) | | Torque Range | | | | Free Speed (Approx.) rpm | | | Overall Length less Socket or Bit (about) | | Weight less Socket or Bit (about) | | From Center to Outside (about) | | Sq. Drive or Hex. Size | | Average Air Consumption | |
|---------|------------------------------|------------|--------------|-------------|------------|-----------|--------------------------|--------|--------|---|----------|-----------------------------------|-------|--------------------------------|---------|------------------------|-----|-------------------------|----------------------|
| | | | 0.4~0.5MPa | | 0.5~0.6MPa | | | | | | | | | | | | | | |
| | mm | in | Nm | ft-lbs | Nm | ft-lbs | 0.4MPa | 0.5MPa | 0.6MPa | mm | in | kg | lb | mm | in | mm | in | m ³ /min | ft ³ /min |
| UAT30D | 4-5 | No.8-No.10 | 2.5-5.5 | 1.85-4.07 | 2.5-5.5 | 1.85-4.07 | 3600 | 3800 | 4200 | 165 | 6 1/2 | 0.88 | 1.94 | 23.5 | 15/16 | 6.35 | 1/4 | 0.30 | 10.5 |
| UAT40 | 5 | No.10 | 4.5-8.0 | 3.3-5.9 | 4.5-8.0 | 3.3-5.9 | 3300 | 3600 | 3800 | 162 | 6 3/8 | 0.92 | 2.0 | 24.5 | 31/32 | 9.5 | 3/8 | 0.25 | 8.8 |
| UAT40D | 5 | No.10 | 4.5-8.0 | 3.3-5.9 | 4.5-8.0 | 3.3-5.9 | 3300 | 3600 | 3800 | 165 | 6 1/2 | 0.92 | 2.0 | 24.5 | 31/32 | 6.35 | 1/4 | 0.25 | 8.8 |
| UAT50 | 6-8 | 1/4-5/16 | - | - | 7.0-15.5 | 5.2-11.5 | - | 4400 | 4600 | 162 | 6 3/8 | 0.92 | 2.0 | 24.5 | 31/32 | 9.5 | 3/8 | 0.25 | 8.8 |
| UAT50D | 6-8 | 1/4-5/16 | - | - | 7.0-15.5 | 5.2-11.5 | - | 4400 | 4600 | 165 | 6 1/2 | 0.92 | 2.0 | 24.5 | 31/32 | 6.35 | 1/4 | 0.25 | 8.8 |
| UAT60 | 8 | 5/16 | - | - | 15.0-32.0 | 11.1-23.7 | - | 6300 | 6700 | 174 | 6 27/32 | 0.95 | 2.1 | 24.5 | 31/32 | 9.5 | 3/8 | 0.35 | 12.3 |
| UAT60D | 8 | 5/16 | - | - | 15.0-32.0 | 11.1-23.7 | - | 6300 | 6700 | 177 | 6 31/32 | 0.95 | 2.1 | 24.5 | 31/32 | 6.35 | 1/4 | 0.35 | 12.3 |
| UAT70 | 8-10 | 5/16-3/8 | - | - | 30.0-55.0 | 22.2-40.7 | - | 5700 | 6000 | 180 | 7 3/32 | 1.05 | 2.3 | 25.5 | 1 | 9.5 | 3/8 | 0.40 | 14.0 |
| UAT80 | 10-12 | 3/8-1/2 | - | - | 45.0-63.0 | 33.3-46.6 | - | 5300 | 5600 | 186 | 7 5/16 | 1.25 | 2.8 | 28.0 | 1 3/32 | 9.5 | 3/8 | 0.48 | 16.8 |
| UAT90 | 10-12 | 3/8-1/2 | - | - | 50.0-85.0 | 37.0-62.9 | - | 5400 | 5700 | 192 | 7 9/16 | 1.45 | 3.2 | 29.0 | 1 5/32 | 12.7 | 1/2 | 0.53 | 18.6 |
| UAT100 | 12 | 1/2 | - | - | 70.0-130.0 | 51.8-96.2 | - | 4900 | 5200 | 199 | 7 27/32 | 1.70 | 3.7 | 31.5 | 1 1/4 | 12.7 | 1/2 | 0.55 | 19.3 |
| UAT130 | 14 | 9/16 | - | - | 110-150 | 81.4-111 | - | 4300 | 4500 | 217 | 8 35/64 | 2.30 | 5.06 | 34.0 | 1 11/32 | 12.7 | 1/2 | 0.70 | 24.6 |
| UAT200 | 18-20 | 3/4 | - | - | 200-400 | 148-296 | - | 2300 | 2400 | 279 | 10 63/64 | 5.80 | 12.76 | 49.5 | 1 31/32 | 19.0 | 3/4 | 1.00 | 35.2 |
| UAT50L | 6-8 | 1/4-5/16 | 7.0-15.5 | 5.2-11.5 | - | - | 4000 | 4300 | - | 162 | 6 3/8 | 0.92 | 2.0 | 24.5 | 31/32 | 9.5 | 3/8 | 0.25 | 8.8 |
| UAT50DL | 6-8 | 1/4-5/16 | 7.0-15.5 | 5.2-11.5 | - | - | 4000 | 4300 | - | 165 | 6 1/2 | 0.92 | 2.0 | 24.5 | 31/32 | 6.35 | 1/4 | 0.25 | 8.8 |
| UAT60L | 8 | 5/16 | 13.0-28.0 | 9.6-20.7 | - | - | 6000 | 6500 | - | 174 | 6 27/32 | 0.95 | 2.1 | 24.5 | 31/32 | 9.5 | 3/8 | 0.25 | 8.8 |
| UAT60DL | 8 | 5/16 | 13.0-28.0 | 9.6-20.7 | - | - | 6000 | 6500 | - | 177 | 6 31/32 | 0.95 | 2.1 | 24.5 | 31/32 | 6.35 | 1/4 | 0.25 | 8.8 |
| UAT70L | 8-10 | 5/16-3/8 | 25.0-48.0 | 18.5-35.5 | - | - | 5300 | 5600 | - | 180 | 7 3/32 | 1.05 | 2.3 | 25.5 | 1 | 9.5 | 3/8 | 0.30 | 10.5 |
| UAT80L | 10-12 | 3/8-1/2 | 35.0-55.0 | 25.9-40.7 | - | - | 5000 | 5300 | - | 186 | 7 5/16 | 1.25 | 2.8 | 28.0 | 1 3/32 | 9.5 | 3/8 | 0.40 | 14.0 |
| UAT90L | 10-12 | 3/8-1/2 | 45.0-75.0 | 33.3-55.5 | - | - | 5100 | 5600 | - | 192 | 7 9/16 | 1.45 | 3.2 | 29.0 | 1 5/32 | 12.7 | 1/2 | 0.45 | 15.8 |
| UAT100L | 12 | 1/2 | 60.0-110.0 | 44.4-81.4 | - | - | 4800 | 5200 | - | 199 | 7 27/32 | 1.70 | 3.7 | 31.5 | 1 1/4 | 12.7 | 1/2 | 0.48 | 16.8 |
| UAT130L | 12-14 | 1/2-9/16 | 80.0-125.0 | 59.2-92.5 | - | - | 4100 | 4400 | - | 217 | 8 35/64 | 2.30 | 5.06 | 34.0 | 1 11/32 | 12.7 | 1/2 | 0.50 | 17.6 |
| UAT200L | 16-18 | 5/8-3/4 | 170.0-280.0 | 125.8-207.2 | - | - | 2200 | 2300 | - | 279 | 10 63/64 | 5.80 | 12.76 | 49.5 | 1 31/32 | 19.0 | 3/4 | 0.70 | 24.6 |

Air Inlet Thread : N.P.T. 1/4" for UAT30D-UAT130(L)

Air Hose Size: (Inside Diameter) 6.5mm(1/4") for UAT30D - UAT50
8.0mm(5/16") for UAT60 - UAT100
11.0mm(7/16") for UAT100L - UAT130(L)
12.7mm(1/2") for UAT200(L)

SPECIFICATIONS

Recommended Air Pressure : 0.4MPa (57psi) ~ 0.6MPa (85psi)

| Model | Capacity (Nominal Bolt Size) | | Torque Range | | | | Free Speed (Approx.) rpm | | | Overall Length less Socket or Bit (about) | | Weight less Socket or Bit (about) | | From Center to Outside (about) | | Sq. Drive or Hex. Size | | Average Air Consumption | |
|----------|------------------------------|------------|--------------|-----------|------------|-----------|--------------------------|--------|--------|---|---------|-----------------------------------|------|--------------------------------|-------|------------------------|-----|-------------------------|----------------------|
| | | | 0.4~0.5MPa | | 0.5~0.6MPa | | | | | | | | | | | | | | |
| | mm | in | Nm | ft-lbs | Nm | ft-lbs | 0.4MPa | 0.5MPa | 0.6MPa | mm | in | kg | lb | mm | in | mm | in | m ³ /min | ft ³ /min |
| UAT30SD | 4-5 | No.8-No.10 | 2.5-5.5 | 1.85-4.07 | 2.5-5.5 | 1.85-4.07 | 3100 | 3300 | 3400 | 222 | 8 47/64 | 0.75 | 1.94 | 21.5 | 27/32 | 6.35 | 1/4 | 0.35 | 12.3 |
| UAT40S | 5 | No.10 | 4.5-8.0 | 3.3-5.9 | 4.5-8.0 | 3.3-5.9 | 3000 | 3200 | 3300 | 224 | 8 13/16 | 0.85 | 1.9 | 22.5 | 7/8 | 9.5 | 3/8 | 0.20 | 7.0 |
| UAT40SD | 5 | No.10 | 4.5-8.0 | 3.3-5.9 | 4.5-8.0 | 3.3-5.9 | 3000 | 3200 | 3300 | 227 | 8 15/16 | 0.85 | 1.9 | 22.5 | 7/8 | 6.35 | 1/4 | 0.20 | 7.0 |
| UAT50S | 6-8 | 1/4-5/16 | - | - | 7.0-15.5 | 5.2-11.5 | - | 3700 | 3900 | 224 | 8 13/16 | 0.85 | 1.9 | 22.5 | 7/8 | 9.5 | 3/8 | 0.25 | 8.8 |
| UAT50SD | 6-8 | 1/4-5/16 | - | - | 7.0-15.5 | 5.2-11.5 | - | 3700 | 3900 | 227 | 8 15/16 | 0.85 | 1.9 | 22.5 | 7/8 | 6.35 | 1/4 | 0.25 | 8.8 |
| UAT60S | 8 | 5/16 | - | - | 15.0-32.0 | 11.1-23.7 | - | 5400 | 5700 | 229 | 9 | 0.87 | 1.9 | 22.5 | 7/8 | 9.5 | 3/8 | 0.30 | 10.5 |
| UAT60SD | 8 | 5/16 | - | - | 15.0-32.0 | 11.1-23.7 | - | 5400 | 5700 | 232 | 9 1/8 | 0.87 | 1.9 | 22.5 | 7/8 | 6.35 | 1/4 | 0.30 | 10.5 |
| UAT70S | 8-10 | 5/16-3/8 | - | - | 30.0-50.0 | 22.2-37.0 | - | 4400 | 4700 | 239 | 9 13/32 | 0.95 | 2.1 | 23.5 | 7/8 | 9.5 | 3/8 | 0.35 | 12.3 |
| UAT50SL | 6-8 | 1/4-5/16 | 7.0-15.5 | 5.2-11.5 | - | - | 3800 | 4000 | - | 224 | 8 13/16 | 0.85 | 1.9 | 22.5 | 7/8 | 9.5 | 3/8 | 0.20 | 7.0 |
| UAT50SDL | 6-8 | 1/4-5/16 | 7.0-15.5 | 5.2-11.5 | - | - | 3800 | 4000 | - | 227 | 8 15/16 | 0.85 | 1.9 | 22.5 | 7/8 | 6.35 | 1/4 | 0.20 | 7.0 |
| UAT60SL | 8 | 5/16 | 13.0-28.0 | 9.6-20.7 | - | - | 5300 | 5600 | - | 229 | 9 | 0.87 | 1.9 | 22.5 | 7/8 | 9.5 | 3/8 | 0.25 | 8.8 |
| UAT60SDL | 8 | 5/16 | 13.0-28.0 | 9.6-20.7 | - | - | 5300 | 5600 | - | 232 | 9 1/8 | 0.87 | 1.9 | 22.5 | 7/8 | 6.35 | 1/4 | 0.25 | 8.8 |
| UAT70SL | 8-10 | 5/16-3/8 | 25.0-45.0 | 18.5-33.3 | - | - | 4400 | 4700 | - | 239 | 9 13/32 | 0.95 | 2.1 | 23.5 | 7/8 | 9.5 | 3/8 | 0.27 | 9.5 |

Air Inlet Thread : N.P.T. 1/4"

Air Hose Size : (Inside Diameter) 6.5mm(1/4") for UAT30SD - UAT50S
8.0mm(5/16") for UAT60S - UAT70S

ULT SERIES [SHUT OFF TYPE]

Reliable Torque Accuracy and Shut-Off will reduce the burden on the operators and raise efficiency.

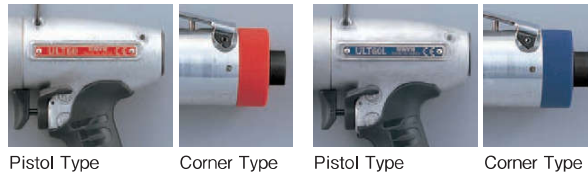
BOLT & NUT SETTERS



2 types are available for different air pressure level. They can be distinguished by colors.

Standard Type (0.5~0.6MPa)

Low Air Pressure Type (0.4~0.5MPa)



SPECIFICATIONS

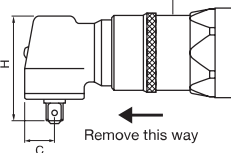
Recommended Air Pressure : 0.4MPa (57psi) ~ 0.6MPa (85psi)

| Model | Capacity (Nominal Bolt Size) | | Torque Range | | | | Free Speed (Approx.) rpm | | Overall Length less Socket or Bit (about) | | Weight less Socket or Bit (about) | | From Center to Outside (about) | | Sq. Drive or Hex. Size | | Average Air Consumption | |
|---------|---------------------------------|-----------|--------------|------------|------------|-------------|--------------------------------|--------|--|----------|--|-----|--------------------------------------|---------|------------------------------|-----|-------------------------------|----------------------|
| | | | 0.4~0.5MPa | | 0.5~0.6MPa | | | | | | | | | | | | | |
| | mm | in | Nm | ft-lbs | Nm | ft-lbs | 0.4MPa | 0.6MPa | mm | in | kg | lb | mm | in | mm | in | m ³ /min | ft ³ /min |
| ULT150 | 16 | 5/8 | - | - | 140-210 | 103.6-155.4 | - | 3900 | 240 | 9 29/64 | 2.90 | 6.4 | 36.0 | 1 27/64 | 19.0 | 3/4 | 0.70 | 24.7 |
| ULT180 | 16-18 | 5/8-45/64 | - | - | 160-250 | 118.4-185.0 | - | 3300 | 264 | 10 25/64 | 3.70 | 8.1 | 39.0 | 1 37/64 | 19.0 | 3/4 | 0.70 | 24.7 |
| ULT150L | 14-16 | 9/16-5/8 | 110-170 | 81.4-125.8 | - | - | 3500 | - | 240 | 9 29/64 | 2.90 | 6.4 | 36.0 | 1 27/64 | 19.0 | 3/4 | 0.50 | 17.5 |
| ULT180L | 16 | 9/16-5/8 | 130-210 | 96.2-155.4 | - | - | 3000 | - | 264 | 10 25/64 | 3.70 | 8.1 | 39.0 | 1 37/64 | 19.0 | 3/4 | 0.50 | 17.5 |

Air Inlet Size : ULT150 NPT1/4" ULT180 NPT3/8"
Air Hose Size : 16mm×11.0mm×5m

★To do torque adjustment...

Remove the Hammer Casing Nut and confirm you see the Relief Valve Spindle through the hole. Use Allen Wrench (1.5mm) to adjust torque. Turn the Relief Valve Spindle clockwise to increase tightening torque and anti-clockwise to decrease tightening torque. Fix the Hammer Casing Nut firmly after adjustment.



Head Sizes

| Model | H | | C | |
|--------|----|---------|----|-----|
| | mm | in | mm | in |
| ULT40C | 59 | 2 21/64 | 16 | 5/8 |
| ULT50C | 59 | 2 21/64 | 16 | 5/8 |
| ULT60C | 59 | 2 21/64 | 16 | 5/8 |

| Model | H | | C | |
|---------|----|--------|----|-------|
| | mm | in | mm | in |
| ULT70C | 70 | 2 3/4 | 18 | 45/64 |
| ULT70CH | 77 | 3 1/32 | 22 | 7/8 |

SPECIFICATIONS

Recommended Air Pressure : 0.4MPa (57psi) ~ 0.6MPa (85psi)

| Model | Capacity (Nominal Bolt Size) | | Torque Range | | | | Free Speed (Approx.) rpm | | Overall Length less Socket or Bit (about) | | Weight less Socket or Bit (about) | | From Center to Outside (about) | | Sq. Drive or Hex. Size | | Average Air Consumption | |
|----------|---------------------------------|----------|--------------|-----------|------------|-----------|--------------------------------|--------|--|----------|--|-----|--------------------------------------|--------|------------------------------|-----|-------------------------------|----------------------|
| | | | 0.4~0.5MPa | | 0.5~0.6MPa | | | | | | | | | | | | | |
| | mm | in | Nm | ft-lbs | Nm | ft-lbs | 0.4MPa | 0.6MPa | mm | in | kg | lb | mm | in | mm | in | m ³ /min | ft ³ /min |
| ULT40C | 5 | No.10 | - | - | 4.5-7.5 | 3.33-5.55 | 3300 | 3500 | 250 | 9 27/32 | 1.30 | 2.9 | 24.5 | 31/32 | 9.5 | 3/8 | 0.20 | 7.0 |
| ULT50C | 6-8 | 1/4-5/16 | - | - | 7.0-15.5 | 5.2-11.5 | - | 4500 | 250 | 9 27/32 | 1.35 | 3.0 | 24.5 | 31/32 | 9.5 | 3/8 | 0.25 | 8.6 |
| ULT60C | 8 | 5/16 | - | - | 13-28 | 9.6-20.7 | - | 5200 | 261 | 10 9/32 | 1.45 | 3.2 | 24.5 | 31/32 | 9.5 | 3/8 | 0.30 | 10.5 |
| ULT70C | 8 | 5/16 | - | - | 20-35 | 14.8-25.9 | - | 4400 | 275 | 10 53/64 | 1.65 | 3.6 | 26.5 | 1 3/64 | 9.5 | 3/8 | 0.35 | 12.3 |
| ULT70CH | 8-10 | 5/16-3/8 | - | - | 30-50 | 22.2-37.0 | - | 2500 | 290 | 11 27/64 | 1.85 | 4.1 | 26.5 | 1 3/64 | 12.7 | 1/2 | 0.35 | 12.3 |
| ULT50CL | 6-8 | 1/4-5/16 | 7.0-15.5 | 5.2-11.5 | - | - | 4500 | - | 250 | 9 27/32 | 1.35 | 3.0 | 24.5 | 31/32 | 9.5 | 3/8 | 0.20 | 7.0 |
| ULT60CL | 8 | 5/16 | 13-28 | 9.6-20.7 | - | - | 5200 | - | 261 | 10 9/32 | 1.45 | 3.2 | 24.5 | 31/32 | 9.5 | 3/8 | 0.25 | 8.6 |
| ULT70CL | 8 | 5/16 | 20-35 | 14.8-25.9 | - | - | 4300 | - | 275 | 10 53/64 | 1.65 | 3.6 | 26.5 | 1 3/64 | 9.5 | 3/8 | 0.27 | 9.5 |
| ULT70CHL | 8-10 | 5/16-3/8 | 30-50 | 22.2-37.0 | - | - | 2300 | - | 290 | 11 27/64 | 1.85 | 4.1 | 26.5 | 1 3/64 | 12.7 | 1/2 | 0.27 | 9.5 |

Air Inlet Size : NPT 1/4"
Air Hose Size : 10mm×6.5mm×5m for ULT40C~50C(L) 12mm×8.0mm×5m for ULT60C~70C(L), and 70CH(L)

UL SERIES

Ultralight Oil-Pulse Tool. Reduce the burden on the operators.



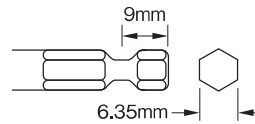
BOLT & NUT SETTERS

Quick-change driver anvil type

On pulling the sleeve, insert or take off the bit.



The model name suffixing (D) is the Quick-change driver anvil type.



SPECIFICATIONS

Recommended Air Pressure : 0.5MPa (72psi) - 0.6MPa (85psi)

| Model | Capacity (Nominal Bolt Size) | | Torque Range | | | | Free Speed (Approx.) rpm | | Overall Length Less Socket or Bit (Approx.) | | Weight less Socket or Bit (Approx.) | | From Center to Outside (Approx.) | | Sq. Drive or Hex. Size | | Average Air Consumption | |
|--------|---------------------------------|-----------|--------------|------------|---------|-------------|--------------------------------|--------|--|---------|--|-----|--|---------|------------------------------|-----|-------------------------------|----------------------|
| | | | 0.5MPa | | 0.6MPa | | | | | | | | | | | | | |
| | mm | in | Nm | ft-lbs | Nm | ft-lbs | 0.5MPa | 0.6MPa | mm | in | kg | lb | mm | in | mm | in | m ³ /min | ft ³ /min |
| UL30 | 5 | No.10 | 5.5-10.5 | 4.1-7.8 | 6-12 | 4.4-8.9 | 5400 | 5700 | 133 | 5 15/64 | 0.70 | 1.5 | 20.5 | 13/16 | 9.5 | 3/8 | 0.20 | 7.0 |
| UL30D | 5 | No.10 | 5.5-10.5 | 4.1-7.8 | 6-12 | 4.4-8.9 | 5400 | 5700 | 137 | 5 25/64 | 0.70 | 1.5 | 20.5 | 13/16 | 6.35 | 1/4 | 0.20 | 7.0 |
| UL40 | 5-6 | No.10-1/4 | 11-20 | 8.1-14.8 | 13-22 | 9.6-16.3 | 5800 | 6100 | 133 | 5 15/64 | 0.70 | 1.5 | 20.5 | 13/16 | 9.5 | 3/8 | 0.20 | 7.0 |
| UL40D | 5-6 | No.10-1/4 | 9-17 | 6.7-12.6 | 11-20 | 8.1-14.8 | 5800 | 6100 | 137 | 5 25/64 | 0.70 | 1.5 | 20.5 | 13/16 | 6.35 | 1/4 | 0.20 | 7.0 |
| UL50 | 6-8 | 1/4-5/16 | 20-32 | 14.8-23.7 | 22-35 | 16.3-25.9 | 6100 | 6400 | 140 | 5 33/64 | 0.77 | 1.7 | 22.0 | 55/64 | 9.5 | 3/8 | 0.30 | 10.5 |
| UL50D | 6-8 | 1/4-5/16 | 16-25 | 11.8-18.5 | 18-28 | 13.3-20.7 | 6100 | 6400 | 146 | 5 3/4 | 0.77 | 1.7 | 22.0 | 55/64 | 6.35 | 1/4 | 0.30 | 10.5 |
| UL60 | 8 | 5/16 | 30-45 | 22.2-33.3 | 32-50 | 23.7-37.0 | 6700 | 7000 | 140 | 5 33/64 | 0.82 | 1.8 | 22.0 | 55/64 | 9.5 | 3/8 | 0.40 | 14.0 |
| UL60D | 8 | 5/16 | 20-32 | 14.8-23.7 | 22-35 | 16.3-25.9 | 6700 | 7000 | 143 | 5 5/8 | 0.82 | 1.8 | 22.0 | 55/64 | 6.35 | 1/4 | 0.40 | 14.0 |
| UL70 | 8-10 | 5/16-3/8 | 36-60 | 26.6-44.4 | 40-65 | 29.6-48.1 | 5400 | 5700 | 153 | 6 1/32 | 0.95 | 2.1 | 23.0 | 29/32 | 9.5 | 3/8 | 0.45 | 15.8 |
| * UL80 | 10-12 | 3/8-1/2 | 40-55 | 29.6-40.7 | 45-70 | 33.3-50.0 | 5600 | 5900 | 162 | 6 3/8 | 1.15 | 2.5 | 26.0 | 1 1/32 | 9.5 | 3/8 | 0.48 | 16.8 |
| UL90 | 10-12 | 3/8-1/2 | 55-90 | 40.7-66.6 | 60-100 | 44.4-74.0 | 5700 | 6000 | 170 | 6 11/16 | 1.30 | 2.9 | 27.0 | 1 1/16 | 12.7 | 1/2 | 0.53 | 18.6 |
| UL100 | 12 | 1/2 | 72-120 | 53.3-88.8 | 80-130 | 59.2-96.2 | 5100 | 5400 | 177 | 6 31/32 | 1.66 | 3.7 | 29.5 | 1 5/32 | 12.7 | 1/2 | 0.58 | 20.3 |
| UL130 | 14 | 9/16 | 90-145 | 66.6-107.3 | 100-160 | 74.0-118.4 | 4200 | 4400 | 197 | 7 3/4 | 2.30 | 5.1 | 32.0 | 1 17/64 | 12.7 | 1/2 | 0.65 | 22.7 |
| UL150 | 16 | 5/8 | 135-210 | 99.6-154.7 | 150-230 | 109.9-169.6 | 3500 | 3800 | 213 | 8 25/64 | 3.00 | 6.6 | 36.0 | 1 27/64 | 19.0 | 3/4 | 0.70 | 24.7 |
| UL30S | 5 | No.10 | 5.5-10.5 | 4.1-7.8 | 6-12 | 4.4-8.9 | 4700 | 5000 | 205 | 8 5/64 | 0.62 | 1.4 | 20.5 | 51/64 | 9.5 | 3/8 | 0.23 | 8.1 |
| UL30SD | 5 | No.10 | 5.5-10.5 | 4.1-7.8 | 6-12 | 4.4-8.9 | 4700 | 5000 | 209 | 8 15/64 | 0.62 | 1.4 | 20.5 | 51/64 | 6.35 | 1/4 | 0.23 | 8.1 |
| UL40S | 5-6 | No.10-1/4 | 11-20 | 8.1-14.8 | 11-22 | 8.1-16.3 | 4700 | 5000 | 205 | 8 5/64 | 0.62 | 1.4 | 20.5 | 51/64 | 9.5 | 3/8 | 0.23 | 8.1 |
| UL40SD | 5-6 | No.10-1/4 | 9-17 | 6.7-12.6 | 9-20 | 6.7-14.8 | 4700 | 5000 | 209 | 8 15/64 | 0.62 | 1.4 | 20.5 | 51/64 | 6.35 | 1/4 | 0.23 | 8.1 |
| UL50S | 6-8 | 1/4-5/16 | 20-32 | 14.8-23.7 | 22-35 | 16.3-25.9 | 6100 | 6400 | 208 | 8 3/16 | 0.74 | 1.6 | 22.0 | 7/8 | 9.5 | 3/8 | 0.35 | 12.3 |
| UL50SD | 6-8 | 1/4-5/16 | 16-25 | 11.8-18.5 | 18-28 | 13.3-20.7 | 6100 | 6400 | 214 | 8 27/64 | 0.74 | 1.6 | 22.0 | 7/8 | 6.35 | 1/4 | 0.35 | 12.3 |
| UL60S | 8 | 5/16 | 30-45 | 22.2-33.3 | 32-50 | 23.7-37.0 | 6400 | 6700 | 209 | 8 15/64 | 0.77 | 1.7 | 22.0 | 7/8 | 9.5 | 3/8 | 0.45 | 15.8 |
| UL60SD | 8 | 5/16 | 20-32 | 14.8-23.7 | 22-35 | 16.3-25.9 | 6400 | 6700 | 212 | 8 11/32 | 0.77 | 1.7 | 22.0 | 7/8 | 6.35 | 1/4 | 0.45 | 15.8 |
| UL70S | 8-10 | 5/16-3/8 | 36-60 | 26.6-44.4 | 36-60 | 26.6-44.4 | 5100 | 5400 | 223 | 8 25/32 | 0.87 | 1.9 | 23.5 | 59/64 | 9.5 | 3/8 | 0.40 | 14 |

Air Inlet Size : NPT1/4"

Air Hose Size : 10mm×6.5mm×5m for UL30-50 12mm×8.0mm×5m for UL60-150

Air Hose Size : 10mm×6.5mm×5m for UL30S-50S 12mm×8.0mm×5m for UL60S-70S

*Please refrain from using UL80 at around max. torque as it is developed to aim at torque output between UL70 & UL90.

U / UX / UXR SERIES

U-Wrench was released in 1978, UX-Wrench was released in 1984. Our long-selling tools proud reliability and achievements.

BOLT & NUT SETTERS



UX-612S



U-410S



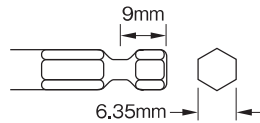
UX-800



UX-450

Quick-change driver anvil type

On pulling the sleeve, insert or take off the bit.



The model name suffixing (D) is the Quick-change driver anvil type.

SPECIFICATIONS

Recommended Air Pressure : 0.6MPa (85psi)

| Model | Capacity (Nominal Bolt Size) | | Torque Range | | | | Free Speed (Approx.) rpm | | Overall Length (about) | | Weight less Socket or Bit (about) | | From Center to Outside (about) | | Sq. Drive or Hex. Size | | Average Air Consumption | |
|----------|---------------------------------|------------|--------------|-------------|---------|---------|--------------------------------|--------|---------------------------|---------|---|------|--------------------------------------|---------|---------------------------|-----|----------------------------|----------------------|
| | | | 0.5MPa | | 0.6MPa | | 0.5MPa | 0.6MPa | | | | | | | | | | |
| | mm | in | Nm | ft-lbs | Nm | ft-lbs | 0.5MPa | 0.6MPa | mm | in | kg | lb | mm | in | mm | in | m ³ /min | ft ³ /min |
| U-350D | 3-4 | No.5-No.8 | 3.0-5.0 | 2.2-3.7 | 3.5-5.8 | 2.5-4.2 | 10000 | 10500 | 154 | 6 1/16 | 0.77 | 1.7 | 22.0 | 7/8 | 6.35 | 1/4 | 0.15 | 5.3 |
| U-410 | 4-5 | No.8-No.10 | 6.0-8.5 | 4.4-6.3 | 7-10 | 5.0-7.2 | 10000 | 10500 | 177 | 6 31/32 | 1.00 | 2.2 | 22.0 | 7/8 | 9.5 | 3/8 | 0.15 | 5.3 |
| U-410D | 4-5 | No.8-No.10 | 6.0-8.5 | 4.4-6.3 | 7-10 | 5.0-7.2 | 10000 | 10500 | 188 | 7 13/32 | 1.00 | 2.2 | 22.0 | 7/8 | 6.35 | 1/4 | 0.15 | 5.3 |
| UX-450 | 5 | No.10 | 7.7-13 | 5.7-9.6 | 9-15 | 6.5-11 | 9000 | 9500 | 147 | 5 25/32 | 0.85 | 1.9 | 22.0 | 7/8 | 9.5 | 3/8 | 0.20 | 7.0 |
| UX-450D | 5 | No.10 | 6.8-12 | 5.0-8.9 | 8-14 | 5.8-10 | 9000 | 9500 | 152 | 5 63/64 | 0.85 | 1.9 | 22.0 | 7/8 | 6.35 | 1/4 | 0.20 | 7.0 |
| UX-500 | 5-6 | No.10-1/4 | 13-21 | 9.6-15.5 | 15-25 | 11-19 | 9000 | 9300 | 147 | 5 25/32 | 0.87 | 1.9 | 22.0 | 7/8 | 9.5 | 3/8 | 0.25 | 8.8 |
| UX-500D | 5-6 | No.10-1/4 | 11-17 | 8.1-12.5 | 13-20 | 10-15 | 9000 | 9300 | 152 | 5 63/64 | 0.87 | 1.9 | 22.0 | 7/8 | 6.35 | 1/4 | 0.25 | 8.8 |
| UX-612 | 6-8 | 1/4-5/16 | 17-30 | 12.5-22.1 | 20-35 | 15-25 | 9000 | 9300 | 160 | 6 19/64 | 0.95 | 2.1 | 22.5 | 7/8 | 9.5 | 3/8 | 0.32 | 11.2 |
| UX-612D | 6-8 | 1/4-5/16 | 13.5-24 | 10.0-17.7 | 16-28 | 12-20 | 9000 | 9300 | 165 | 6 1/2 | 0.95 | 2.1 | 22.5 | 7/8 | 6.35 | 1/4 | 0.32 | 11.2 |
| UX-700 | 8 | 5/16 | 21-38 | 15.5-28.0 | 25-45 | 20-35 | 8700 | 9000 | 169 | 6 21/32 | 1.38 | 3.0 | 25.5 | 1 | 9.5 | 3/8 | 0.35 | 12.3 |
| UX-700D | 8 | 5/16 | 17-31 | 12.5-22.9 | 20-36 | 16-28 | 8700 | 9000 | 174 | 6 27/32 | 1.38 | 3.0 | 25.5 | 1 | 6.35 | 1/4 | 0.35 | 12.3 |
| UX-800 | 8-10 | 5/16-3/8 | 30-51 | 22.1-37.6 | 35-60 | 25-45 | 8500 | 9000 | 175 | 6 57/64 | 1.70 | 3.7 | 28.0 | 1 7/64 | 9.5 | 3/8 | 0.40 | 14.1 |
| UX-900 | 10 | 3/8 | 38-64 | 28.0-47.2 | 45-75 | 35-55 | 7300 | 7600 | 181 | 7 1/8 | 1.88 | 4.1 | 30.0 | 1 3/16 | 12.7 | 1/2 | 0.42 | 14.7 |
| UX-1000 | 10-12 | 3/8-1/2 | 43-81 | 31.7-59.8 | 50-95 | 40-70 | 6500 | 6800 | 187 | 7 23/64 | 2.20 | 4.8 | 33.0 | 1 19/64 | 12.7 | 1/2 | 0.51 | 17.9 |
| UX-1300 | 12-14 | 1/2-9/16 | 68-110 | 50.2-81.2 | 80-130 | 60-95 | 5800 | 6200 | 205 | 8 5/64 | 2.70 | 5.9 | 36.0 | 1 27/64 | 12.7 | 1/2 | 0.55 | 19.4 |
| UX-1400 | 14 | 9/16 | 85-135 | 62.7-99.6 | 100-160 | 75-120 | 5000 | 5300 | 224 | 8 13/16 | 3.20 | 7.0 | 40.0 | 1 37/64 | 12.7 | 1/2 | 0.60 | 21.1 |
| UX-1620 | 14-16 | 9/16-5/8 | 100-160 | 73.8-118.1 | 120-190 | 90-140 | 4700 | 5000 | 241 | 9 31/64 | 3.60 | 7.9 | 40.0 | 1 37/64 | 19.0 | 3/4 | 0.65 | 22.9 |
| UXR-1820 | 16-18 | 5/8-3/4 | 135-215 | 99.6-158.7 | 160-250 | 120-185 | 4400 | 4600 | 242 | 9 17/32 | 4.10 | 9.0 | 42.0 | 1 21/32 | 19.0 | 3/4 | 0.75 | 26.3 |
| UXR-2000 | 18-20 | 3/4 | 255-385 | 188.2-284.1 | 300-450 | 220-330 | 4000 | 4200 | 282 | 11 7/64 | 6.50 | 14.3 | 47.0 | 1 27/32 | 19.0 | 3/4 | 0.90 | 31.5 |

Air Inlet Thread : NPT1/4" for U-350D-UX-1620
NPT3/8" for UXR-1820 & UXR-2000

Air Hose Size : 6.35mm (1/4") for U-350D-UX-500D
12.7mm (1/2") for UXR-1820 & UXR-2000

9.5mm (3/8") for UX-612-UX-1620

SPECIFICATIONS

Recommended Air Pressure : 0.6MPa (85psi)

| Model | Capacity (Nominal Bolt Size) | | Torque Range | | | | Free Speed (Approx.) rpm | | Overall Length (about) | | Weight less Socket or Bit (about) | | From Center to Outside (about) | | Sq. Drive or Hex. Size | | Average Air Consumption | |
|-----------|---------------------------------|------------|--------------|-----------|---------|---------|--------------------------------|--------|---------------------------|----------|---|------|--------------------------------------|---------|---------------------------|-----|----------------------------|----------------------|
| | | | 0.5MPa | | 0.6MPa | | 0.5MPa | 0.6MPa | | | | | | | | | | |
| | mm | in | Nm | ft-lbs | Nm | ft-lbs | 0.5MPa | 0.6MPa | mm | in | kg | lb | mm | in | mm | in | m ³ /min | ft ³ /min |
| U-310SD | 3-4 | No.5-No.8 | 2.1-2.6 | 1.6-1.9 | 2.5-3.1 | 1.8-2.2 | 10000 | 11000 | 222 | 8 47/64 | 0.62 | 1.5 | 18.0 | 47/64 | 6.35 | 1/4 | 0.15 | 5.3 |
| U-350SD | 3-4 | No.5-No.8 | 3.0-5.0 | 2.2-3.7 | 3.5-5.8 | 2.5-4.2 | 10000 | 10500 | 238 | 9 3/8 | 0.71 | 1.5 | 22.0 | 47/64 | 6.35 | 1/4 | 0.15 | 5.3 |
| U-410S | 4-5 | No.8-No.10 | 6.0-8.5 | 4.4-6.2 | 7-10 | 5.0-7.2 | 10000 | 10500 | 239 | 9 13/32 | 0.80 | 1.8 | 22.0 | 7/8 | 9.5 | 3/8 | 0.15 | 5.3 |
| U-410SD | 4-5 | No.8-No.10 | 6.0-8.5 | 4.4-6.3 | 7-10 | 5.0-7.2 | 10000 | 10500 | 240 | 9 29/64 | 0.80 | 1.8 | 22.0 | 7/8 | 6.35 | 1/4 | 0.15 | 5.3 |
| UX-450S | 5 | No.10 | 7.7-13 | 5.7-9.6 | 9-15 | 6.5-11 | 9000 | 9500 | 234 | 9 7/32 | 0.80 | 1.8 | 22.0 | 7/8 | 9.5 | 3/8 | 0.20 | 7.0 |
| UX-450SD | 5 | No.10 | 6.8-12 | 5.0-8.8 | 8-14 | 5.8-10 | 9000 | 9500 | 239 | 9 13/32 | 0.80 | 1.8 | 22.0 | 7/8 | 6.35 | 1/4 | 0.20 | 7.0 |
| UX-500S | 5-6 | No.10-1/4 | 13-21 | 9.6-15.5 | 15-25 | 11-19 | 9000 | 9300 | 239 | 9 13/32 | 0.92 | 2.0 | 22.0 | 7/8 | 9.5 | 3/8 | 0.25 | 8.8 |
| UX-500SD | 5-6 | No.10-1/4 | 11-17 | 8.1-12.5 | 13-20 | 10-15 | 9000 | 9300 | 244 | 9 29/64 | 0.92 | 2.0 | 22.0 | 7/8 | 6.35 | 1/4 | 0.25 | 8.8 |
| UX-612S | 6-8 | 1/4-5/16 | 17-30 | 12.5-22 | 20-35 | 15-25 | 9000 | 9300 | 248 | 9 49/64 | 1.00 | 2.2 | 23.3 | 29/32 | 9.5 | 3/8 | 0.32 | 11.1 |
| UX-612SD | 6-8 | 1/4-5/16 | 13.5-24 | 10-17.7 | 16-28 | 12-20 | 9000 | 9300 | 253 | 9 61/64 | 1.00 | 2.2 | 23.3 | 29/32 | 6.35 | 1/4 | 0.32 | 11.1 |
| UX-700S | 8 | 5/16 | 21-38 | 15.5-28 | 25-45 | 20-35 | 8700 | 9000 | 244 | 9 29/64 | 1.27 | 2.8 | 26.5 | 1 3/64 | 9.5 | 3/8 | 0.35 | 12.3 |
| UX-700SD | 8 | 5/16 | 17-31 | 12.5-22.9 | 20-36 | 16-28 | 8700 | 9000 | 249 | 9 51/64 | 1.27 | 2.8 | 26.5 | 1 3/64 | 6.35 | 1/4 | 0.35 | 12.3 |
| UX-800S | 8-10 | 5/16-3/8 | 30-51 | 22-37.6 | 35-60 | 25-45 | 8500 | 9000 | 250 | 9 27/32 | 1.48 | 3.2 | 35.5 | 1 | 9.5 | 3/8 | 0.40 | 14.2 |
| UX-900S | 10 | 3/8 | 38-64 | 28-47.2 | 45-75 | 35-55 | 7300 | 7600 | 310 | 12 13/64 | 1.80 | 3.9 | 37.5 | 1 9/64 | 12.7 | 1/2 | 0.42 | 14.9 |
| UX-1000S | 10-12 | 3/8-1/2 | 43-81 | 31.7-59.8 | 50-95 | 40-70 | 6500 | 6800 | 320 | 12 19/32 | 2.10 | 4.6 | 39.0 | 1 17/64 | 12.7 | 1/2 | 0.51 | 17.9 |
| UX-1300S | 13-14 | 1/2-9/16 | 68-110 | 50.2-81.2 | 80-130 | 60-95 | 5800 | 6200 | 336 | 13 15/64 | 2.55 | 6.6 | 42.0 | 1 11/32 | 12.7 | 1/2 | 0.55 | 19.4 |
| UXR-2000S | 18-20 | 3/4 | 255-385 | 188-284 | 300-450 | 220-330 | 4000 | 4200 | 340 | 13 25/64 | 7.00 | 15.4 | 47.0 | 1 27/32 | 19.0 | 3/4 | 0.90 | 31.6 |
| UXR-2400S | 24 | 7/8 | 340-550 | 251-406 | 400-650 | 290-470 | 3700 | 4000 | 385 | 15 5/32 | 11.00 | 23.7 | 55.0 | 2 1/8 | 25.4 | 1 | 1.00 | 35.2 |
| UXR-3000S | 30 | 1/4 | 425-725 | 313-535 | 500-850 | 360-630 | 4000 | 4400 | 455 | 17 29/32 | 13.30 | 29.3 | 62.0 | 2 1/8 | 25.4 | 1 | 1.05 | 37.1 |

Air Inlet Size : NPT1/4" for U-310SD-UX-1300S NPT3/8" for UXR-2000S
NPT1/2" for UXR-2400S-UXR-3000S

Inside Trigger is available for UXR-2000S-UXR-3000S
Air Hose Size : 6.35mm (1/4") for U-310SD-UX-500SD 9.5mm (3/8") for UX-612S-UX-1300S
12.7mm (1/2") for UXR-2000S-UXR-3000S

UX SERIES



UX-612A



UX-500C



UX-800C



UX-1000C

BOLT & NUT SETTERS

STUD BOLT WRENCHES



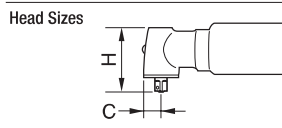
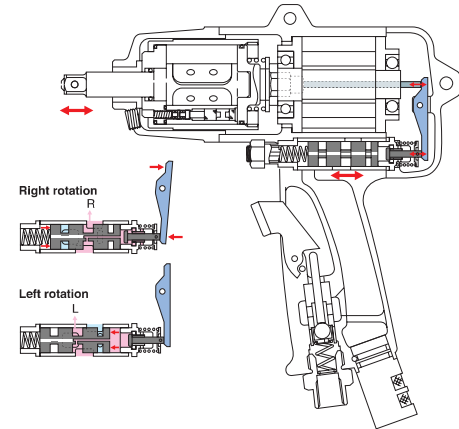
UX-ST1000

UX-ST800

FEATURES

Auto-reversing mechanism

These unique Push-Pull type Oil-Pulse tools simplify stud-bolt driving job considerably without any special operation for frequent reversing. Push the tool forward to the application for driving and simply pull back for automatic reversing.



| Model | C | | H | |
|---------|------|-------|------|---------|
| | mm | in | mm | in |
| UX-500C | 15.0 | 19/32 | 59.5 | 2 11/32 |
| UX-612C | 16.0 | 5/8 | 59.5 | 2 11/32 |
| UX-700C | 16.0 | 5/8 | 62.0 | 2 7/16 |

| Model | C | | H | |
|----------|------|-------|------|--------|
| | mm | in | mm | in |
| UX-800C | 18.0 | 45/64 | 70.0 | 2 3/4 |
| UX-900C | 18.0 | 45/64 | 70.0 | 2 3/4 |
| UX-1000C | 21.5 | 27/32 | 80.0 | 3 5/32 |

SPECIFICATIONS

Recommended Air Pressure : 0.6MPa (85psi)

| Model | Capacity (Nominal Bolt Size) | | Torque Range | | | | Free Speed (Approx.) rpm | | Overall Length (about) | | Weight less Socket or Bit (about) | | Angle Height (about) | | Sq. Drive or Hex. Size | | Average Air Consumption | |
|----------|---------------------------------|------------|--------------|-----------|--------|-----------|--------------------------------|--------|---------------------------|----------|---|-----|-------------------------|---------|---------------------------|-----|----------------------------|----------------------|
| | | | 0.5MPa | | 0.6MPa | | | | | | | | | | | | | |
| | mm | in | Nm | ft-lbs | Nm | ft-lbs | 0.5MPa | 0.6MPa | mm | in | kg | lb | mm | in | mm | in | m ³ /min | ft ³ /min |
| UX-500C | 5-6 | No. 10-1/4 | 11-17 | 8.0-12.5 | 13-20 | 10.0-15.0 | 8800 | 9300 | 270 | 10 5/8 | 1.28 | 2.8 | 59.5 | 2 11/32 | 9.5 | 3/8 | 0.25 | 8.8 |
| UX-612C | 6 | 1/4 | 13.5-24 | 9.9-17.7 | 16-28 | 12.0-20.0 | 9300 | 9800 | 283 | 11 9/64 | 1.38 | 3.0 | 59.5 | 2 11/32 | 9.5 | 3/8 | 0.32 | 11.2 |
| UX-700C | 8 | 5/16 | 17-31 | 12.5-22.8 | 20-36 | 16.0-28.0 | 9000 | 9500 | 273 | 10 3/4 | 1.67 | 3.7 | 62.0 | 2 7/16 | 9.5 | 3/8 | 0.35 | 12.3 |
| UX-800C | 8-10 | 5/16-3/8 | 25-36 | 18.4-26.5 | 29-43 | 20.0-31.0 | 8500 | 9000 | 285 | 11 7/32 | 1.93 | 4.3 | 70.0 | 2 3/4 | 9.5 | 3/8 | 0.40 | 14.1 |
| UX-900C | 10 | 3/8 | 30-47 | 22.1-34.6 | 35-55 | 25.0-40.0 | 7300 | 7600 | 338 | 13 5/16 | 2.25 | 5.0 | 70.0 | 2 3/4 | 9.5 | 3/8 | 0.42 | 14.9 |
| UX-1000C | 10-12 | 3/8-1/2 | 43-68 | 31.7-50.1 | 50-80 | 40.0-58.0 | 6600 | 6800 | 365 | 14 3/8 | 3.05 | 6.8 | 80.0 | 2 5/32 | 12.7 | 1/2 | 0.51 | 17.9 |
| UX-612A | 6 | 1/4 | 13.5-24 | 9.9-17.7 | 16-28 | 12.0-20.0 | 9300 | 9800 | 297 | 11 11/16 | 1.38 | 3.0 | - | - | 9.5 | 3/8 | 0.30 | 10.5 |

Air Inlet size : NPT1/4"

Air Hose Size : 6.35mm (1/4") for UX-500C 9.5mm (3/8") for UX-612C-UX-1000C

SPECIFICATIONS

Recommended Air Pressure : 0.6MPa (85psi)

| Model | Capacity (Nominal Bolt Size) | | Torque Range | | | | Free Speed (Approx.) rpm | | Overall Length (about) | | Weight less Socket or Bit (about) | | From Center to Outside (about) | | Sq. Drive or Hex. Size | | Average Air Consumption | |
|-----------|---------------------------------|----------|--------------|--------|--------|--------|--------------------------------|--------|---------------------------|---------|---|-----|--------------------------------------|---------|---------------------------|-----|----------------------------|----------------------|
| | | | 0.5MPa | | 0.6MPa | | | | | | | | | | | | | |
| | mm | in | Nm | ft-lbs | Nm | ft-lbs | 0.5MPa | 0.6MPa | mm | in | kg | lb | mm | in | mm | in | m ³ /min | ft ³ /min |
| UX-ST800 | 8-10 | 5/16-3/8 | 30-47 | 22-35 | 35-55 | 25-40 | 7000 | 7300 | 195 | 7 43/64 | 1.75 | 3.8 | 28.0 | 1 3/32 | 9.5 | 3/8 | 0.30 | 10.5 |
| UX-ST1000 | 10-12 | 3/8-1/2 | 43-77 | 32-57 | 50-90 | 40-65 | 6000 | 6300 | 210 | 8 17/64 | 2.50 | 5.5 | 33.0 | 1 19/64 | 12.7 | 1/2 | 0.48 | 16.8 |

Air Inlet Size: NPT1/4"

Air Hose Size: 9.5mm (3/8")

ALPHA SERIES

Long-selling brand since 1991.

BOLT & NUT SETTERS



ALPHA-180



ALPHA-70C

SPECIFICATIONS

Recommended Air Pressure : 0.6 MPa (85 psi)

| Model | Capacity (Nominal Bolt Size) | | Torque Range | | | | Free Speed (Approx.) rpm | | Overall Length Less Socket or Bit (Approx.) | | Weight less Socket or Bit (Approx.) | | From Center to Outside (Approx.) | | Sq. Drive or Hex. Size | | Average Air Consumption | |
|-----------|---------------------------------|-----|--------------|-------------|---------|-------------|-----------------------------------|--------|--|---------|--|------|--|---------|------------------------------|-----|-------------------------------|----------------------|
| | | | 0.5MPa | | 0.6MPa | | | | | | | | | | | | | |
| | mm | in | Nm | ft-lbs | Nm | ft-lbs | 0.5MPa | 0.6MPa | mm | in | kg | lb | mm | in | mm | in | m ³ /min | ft ³ /min |
| ALPHA-160 | 18 | 3/4 | 140-220 | 103.4-162.3 | 160-270 | 117.9-198.5 | 3500 | 3700 | 245 | 9 41/64 | 3.80 | 8.4 | 40.0 | 1 37/64 | 19.0 | 3/4 | 0.90 | 31.8 |
| ALPHA-180 | 18-20 | 3/4 | 250-320 | 183.8-235.3 | 270-350 | 198.5-257.4 | 3300 | 3500 | 250 | 9 27/32 | 4.70 | 10.3 | 42.0 | 1 21/32 | 19.0 | 3/4 | 0.95 | 33.6 |

Air Inlet Thread : NPT3/8 Air Hose Size : 12.7mm (1/2") for ALPHA-180 9.5mm (3/8") for ALPHA-160

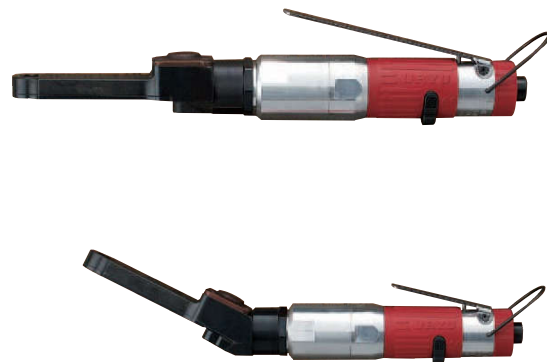
SPECIFICATIONS

Recommended Air Pressure : 0.5MPa (72psi) - 0.6MPa (85psi)

| Model | Capacity (Nominal Bolt Size) | | Torque Range | | | | Free Speed (Approx.) rpm | | Overall Length (about) | | Weight less Socket or Bit (about) | | From Center to Outside (about) | | Sq. Drive or Hex. Size | | Average Air Consumption | |
|------------|---------------------------------|----------|--------------|-----------|--------|-----------|-----------------------------------|--------|------------------------------|----------|--|-----|--------------------------------------|---------|------------------------------|-----|-------------------------------|----------------------|
| | | | 0.5MPa | | 0.6MPa | | | | | | | | | | | | | |
| | mm | in | Nm | ft-lbs | Nm | ft-lbs | 0.5MPa | 0.6MPa | mm | in | kg | lb | mm | in | mm | in | m ³ /min | ft ³ /min |
| ALPHA-70C | 8-10 | 5/16-3/8 | 25-40 | 18.0-28.9 | 28-45 | 20.2-32.5 | 6000 | 6300 | 266 | 10 15/32 | 1.77 | 3.9 | 69.0* | 2 23/32 | 9.5 | 3/8 | 0.45 | 15.8 |
| ALPHA-70CH | 10-12 | 3/8-1/2 | 45-68 | 32.5-49.9 | 50-76 | 36.1-56.0 | 3400 | 3600 | 282 | 11 7/64 | 2.00 | 4.4 | 76.5* | 3 1/64 | 12.7 | 1/2 | 0.45 | 15.8 |

Air Inlet Thread : NPT1/4 * Angle Height Air Hose Size : 9.5mm (3/8") for ALPHA-70C & ALPHA-70CH

CUSTOM-MADE MODELS



*These Models are specially designed for user's request.