

CA-2005PT

3/8" DR. AIR IMPACT WRENCH

- body material: composite.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 10,000 rpm.
- working torque: 353 Nm.
- overall length: 165 mm.
- net weight: 1.20 kg.



CA-2015PT

1/2" DR. AIR IMPACT WRENCH

- body material: composite.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 10,000 rpm.
- working torque: 1,015 Nm.
- overall length: 186 mm.
- net weight: 2.05 kg.



CA-2025PT

3/4" DR. AIR IMPACT WRENCH

- body material: composite.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 5,500 rpm.
- working torque: 1,490 Nm.
- overall length: 227 mm.
- net weight: 3.80 kg.



CA-2038PT

1" DR. AIR IMPACT WRENCH

- body material: composite.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 5,300 rpm.
- working torque: 1,760 Nm.
- overall length: 258 mm.
- net weight: 5.05 kg.



CA-2035PTL

1" DR. AIR IMPACT WRENCH WITH 6" ANVIL

- body material: composite.
- mechanism: twin-hammer.
- free speed: 4,500 rpm.
- working torque: 2,712 Nm.
- exhaust: side system.
- overall length: 550 mm.
- net weight: 8.05 kg.



CA-1501B

3/8" DR. AIR RATCHET WRENCH

- body material: aluminum.
- mechanism: planet gear.
- free speed: 160 rpm.
- working torque: 68 Nm.
- exhaust: rear system.
- overall length: 273 mm.
- net weight: 1.20 kg.



CA-1502B

1/2" DR. AIR RATCHET WRENCH

- body material: aluminum.
- mechanism: planet gear.
- free speed: 160 rpm.
- working torque: 68 Nm.
- exhaust: rear system.
- overall length: 273 mm.
- net weight: 1.20 kg.



CA-1505B

3/8" DR. STRAIGHT AIR DRILL

- body material: aluminum.
- mechanism: full-cage gear.
- chuck capacity: \varnothing 10 mm.
- free speed: 2,900 rpm.
- exhaust: rear system.
- net weight: 0.94kg.



CA-1510B

3/8" DR. NON-REVERSIBLE AIR DRILL

- body material: aluminum.
- mechanism: planet gear.
- exhaust: handle system.
- chuck capacity: \varnothing 10 mm.
- free speed: 2,000 rpm.
- net weight: 1.15 kg.



CA-1511B

3/8" DR. REVERSIBLE AIR DRILL

- body material: aluminum.
- mechanism: planet gear.
- exhaust: handle system.
- chuck capacity: \varnothing 10 mm.
- free speed: 2,000 rpm.
- net weight: 1.15 kg.



CA-1512B

1/2" DR. NON-REVERSIBLE AIR DRILL

- body material: aluminum.
- mechanism: planet gear.
- exhaust: handle system.
- chuck capacity: \varnothing 13mm.
- free speed: 1,000 rpm.
- net weight: 1.60 kg.



CA-1513B

1/2" DR. REVERSIBLE AIR DRILL

- body material: aluminum.
- mechanism: planet gear.
- exhaust: handle system.
- chuck capacity: \varnothing 13 mm.
- free speed: 800 rpm.
- net weight: 1.60 kg.



CA-1514B

1/4" DR. AIR SCREW-DRIVER

- body material: aluminum.
- mechanism: internal adjusting.
- exhaust: handle system.
- bit shank: hex. 6.35 mm.
- free speed: 800 rpm.
- torque range: 5.1~16.4 Nm.
- net weight: 1.40 kg.



CA-1515B

1/4" DR. AIR SCREW-DRIVER

- body material: aluminum.
- mechanism: internal adjusting.
- exhaust: handle system.
- bit shank: hex. 6.35 mm.
- free speed: 1,800 rpm.
- torque range: 5.1~12.0 Nm.
- net weight: 1.20 kg.



CA-1516B

1/4" DR. AIR SCREW-DRIVER

- body material: aluminum.
- mechanism: external adjusting.
- exhaust: handle system.
- bit shank: hex. 6.35 mm.
- free speed: 800 rpm.
- torque range: 5.1~16.4 Nm.
- net weight: 1.40 kg.



CA-1517B

1/4" DR. AIR SCREW-DRIVER

- body material: aluminum.
- mechanism: external adjusting.
- exhaust: handle system.
- bit shank: hex. 6.35 mm.
- free speed: 1,800 rpm.
- torque range: 5.1~12.0 Nm.
- net weight: 1.20 kg.



CA-1503B

1/4" DR. AIR DIE GRINDER

- mechanism: direct action.
- exhaust: rear system.
- collect size: \varnothing 6.0 mm.
- free speed: 20,000 rpm.
- net weight: 0.65 kg.



CA-1504B

1/4" DR. 6" EXTENDED AIR DIE GRINDER

- mechanism: direct action.
- free speed: 20,000 rpm.
- exhaust: rear system.
- net weight: 1.10 kg.
- collect size: \varnothing 6.0 mm.



CA-1508B

AIR STRAIGHT METAL SHEAR

- exhaust: rear system.
- capacity: 1.20 mm. (alum.)
- capacity: 1.00 mm. (steel)
- free speed: 2,000 bpm.
- net weight: 1.20 kg.



CA-1509B

AIR METAL SHEAR

- exhaust: handle system.
- capacity: 1.20 mm. (alum.)
- capacity: 1.00 mm. (steel)
- free speed: 2,600 bpm.
- net weight: 1.30 kg.



CA-1507B

3" AIR CUT-OFF TOOL

- exhaust: rear system.
- cutting wheel: \varnothing 9 x 75 x 2 mm. (t.)
- free speed: 20,000 rpm.
- net weight: 0.80 kg.



CA-1518B

4" AIR INNER CUTTER

- cutting wheel: \varnothing 9 x 100 x 2 mm. (t.)
- exhaust: rear system.
- net weight: 1.40 kg.
- free speed: 14,000 rpm.



CA-1525B

AIR WINDOW SEAL CUT-OFF TOOL

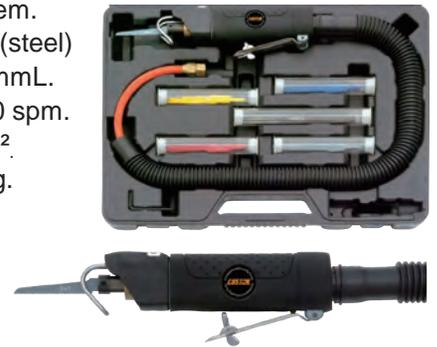
- exhaust: rear system.
- stroke arc: 3°
- free speed: 20,000 rpm.
- net weight: 1.05 kg.



CA-1519BK

AIR BODY SAW W/FILE KIT

- exhaust: rear system.
- capacity: 1.6 mm. (steel)
- stroke length: 10 mmL.
- free speed: 10,000 spm.
- vibration: 17.0 m/s².
- net weight: 0.80 kg.
- 5pc - mini file.
- 12pc - saw blade.



CA-1506B

AIR STRIPPING TOOL

- mechanism: planet gear.
- exhaust: rear system.
- inner thread: 5/16" x 24 t.
- free speed: 2,500 rpm.
- net weight: 0.83 kg.



CA-1520H

6" AIR ORBITAL SANDER

- mechanism: non-vacuum.
- pad size: ø150 mm.
- free speed: 12,000 rpm.
- orbital: 5.0 mm.
- exhaust: rear system.
- net weight: 0.90 kg.



CA-1521H

6" AIR ORBITAL SANDER

- mechanism: central-vacuum.
- pad size: ø150 mm.
- free speed: 12,000 rpm.
- orbital: 5.0 mm.
- exhaust: rear system.
- net weight: 0.95 kg.



CA-1522H

6" AIR ORBITAL SANDER

- mechanism: self-vacuum.
- pad size: ø150 mm.
- free speed: 12,000 rpm.
- orbital: 5.0 mm.
- exhaust: rear system.
- net weight: 0.95 kg.



CA-4025AK

AIR SURFACE PREPARATION TOOL KIT

- mechanism: direct action.
- exhaust: rear system.
- inner thread: 5/16" x 24 t.
- 2pc-wire brush straight & bent type (AS-131 & AS-132).
- 2pc-rubber stripping wheel (AS-70).
- free speed: 3,100 rpm.
- net weight: 1.17 kg.



CA-4025BK

AIR SURFACE PREPARATION TOOL KIT

- mechanism: direct action.
- exhaust: rear system.
- inner thread: 5/16" x 24 t.
- 2pc-wire brush straight & bent type (AS-131 & AS-132).
- 1pc-rubber stripping wheel (AS-05D).
- 2pc-nylon stripping wheel (AS-70C).
- free speed: 3,100 rpm.
- net weight: 1.17 kg.



CA-2062PT

3/8" DR. AIR IMPACT WRENCH

- body material: composite.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 8,000 rpm.
- working torque: 542 Nm.
- overall length: 160 mm.
- net weight: 1.30 kg.



CA-9554PT

3/8" DR. AIR IMPACT WRENCH

- body material: composite.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 9,500 rpm.
- working torque: 610 Nm.
- overall length: 152 mm.
- net weight: 1.25 kg.



CA-2003PT

1/2" DR. AIR IMPACT WRENCH

- body material: composite.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 8,500 rpm.
- working torque: 610 Nm.
- overall length: 118 mm.
- net weight: 1.10 kg.



CA-9555PT

1/2" DR. AIR IMPACT WRENCH

- body material: composite.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 9,500 rpm.
- working torque: 610 Nm.
- overall length: 152 mm.
- net weight: 1.25 kg.



CA-2074PJ

1/2" DR. AIR IMPACT WRENCH

- body material: composite.
- mechanism: jumbo-hammer.
- exhaust: handle system.
- free speed: 10,000 rpm.
- working torque: 678 Nm.
- overall length: 141 mm.
- net weight: 0.99 kg.



CA-2063PT

1/2" DR. AIR IMPACT WRENCH

- body material: composite.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 8,500 rpm.
- working torque: 743 Nm.
- overall length: 190 mm.
- net weight: 2.30 kg.



CA-2064PT

1/2" DR. AIR IMPACT WRENCH

- body material: composite.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 8,500 rpm.
- working torque: 881 Nm.
- overall length: 190 mm.
- net weight: 2.10 kg.



CA-2053PT

1/2" DR. AIR IMPACT WRENCH

- body material: composite.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 8,500 rpm.
- working torque: 1,080 Nm.
- overall length: 174 mm.
- net weight: 1.60 kg.



CA-2018PT

1/2" DR. AIR IMPACT WRENCH

- body material: composite.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 10,000 rpm.
- working torque: 1,192 Nm.
- overall length: 190 mm.
- net weight: 2.30 kg.



CA-9558PT

3/4" DR. AIR IMPACT WRENCH

- body material: composite.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 8,000 rpm.
- working torque: 1,288 Nm.
- overall length: 211 mm.
- net weight: 2.35 kg.



CA-9505PT

3/4" DR. AIR IMPACT WRENCH

- body material: composite.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 6,500 rpm.
- working torque: 1,626 Nm.
- overall length: 225 mm.
- net weight: 3.90 kg.



CA-2059PT

3/4" DR. AIR IMPACT WRENCH

- body material: composite.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 6,000 rpm.
- working torque: 1,687 Nm.
- overall length: 209 mm.
- net weight: 3.00 kg.



CA-2060PT

1" DR. AIR IMPACT WRENCH

- body material: composite.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 5,500 rpm.
- working torque: 2,712 Nm.
- overall length: 256 mm.
- net weight: 5.70 kg.



CA-2075PTL

1" DR. AIR IMPACT WRENCH WITH 6" ANVIL

- body material: composite.
- mechanism: twin-hammer.
- exhaust: side system.
- free speed: 7,000 rpm.
- working torque: 2,170 Nm.
- overall length: 520 mm.
- net weight: 4.88 kg.



CA-2061PTL

1" DR. AIR IMPACT WRENCH WITH 6" ANVIL

- body material: composite.
- mechanism: twin-hammer.
- exhaust: side system.
- free speed: 5,500 rpm.
- working torque: 2,712 Nm.
- overall length: 580 mm.
- net weight: 7.20 kg.



CA-9507P

1/4" DR. AIR RATCHET WRENCH

- body material: composite.
- mechanism: planet gear.
- free speed: 230 rpm.
- working torque: 35 Nm.
- exhaust: rear system.
- overall length: 194 mm.
- net weight: 0.60 kg.



CA-9508P

3/8" DR. AIR RATCHET WRENCH

- body material: composite.
- mechanism: planet gear.
- free speed: 230 rpm.
- working torque: 35 Nm.
- exhaust: rear system.
- overall length: 194 mm.
- net weight: 0.60 kg.



CA-9509P

3/8" DR. AIR RATCHET WRENCH

- body material: composite.
- mechanism: planet gear.
- free speed: 160 rpm.
- working torque: 81 Nm.
- exhaust: rear system.
- overall length: 270 mm.
- net weight: 0.90 kg.



CA-9510P

1/2" DR. AIR RATCHET WRENCH

- body material: composite.
- mechanism: planet gear.
- free speed: 160 rpm.
- working torque: 81 Nm.
- exhaust: rear system.
- overall length: 270 mm.
- net weight: 0.90 kg.



CA-9546P

3/8" DR. AIR RATCHET WRENCH

- body material: composite.
- mechanism: reaction-less.
- free speed: 600 rpm.
- working torque: 163 Nm.
- exhaust: front system.
- overall length: 350 mm.
- net weight: 1.90 kg.



CA-9547P

1/2" DR. AIR RATCHET WRENCH

- body material: composite.
- mechanism: reaction-less.
- free speed: 600 rpm.
- working torque: 163 Nm.
- exhaust: front system.
- overall length: 350 mm.
- net weight: 1.90 kg.



CA-3009P

3/8" DR. STRAIGHT AIR DRILL

- body material: composite.
- mechanism: planet gear.
- chuck capacity: \varnothing 10 mm.
- free speed: 4,000 rpm.
- exhaust: rear-side 360°.
- net weight: 1.10 kg.



CA-3001P

3/8" DR. NON-REVERSIBLE AIR DRILL

- body material: composite.
- mechanism: planet gear.
- exhaust: handle system.
- chuck capacity: \varnothing 10mm.
- free speed: 2,200 rpm.
- net weight: 0.97 kg.



CA-3002P

3/8" DR. REVERSIBLE AIR DRILL

- body material: composite.
- mechanism: planet gear.
- exhaust: handle system.
- chuck capacity: \varnothing 10mm.
- free speed: 2,200 rpm.
- net weight: 0.97 kg.



CA-3010P

1/2" DR. NON-REVERSIBLE AIR DRILL

- body material: composite.
- mechanism: planet gear.
- exhaust: handle system.
- chuck capacity: \varnothing 13mm.
- free speed: 800 rpm.
- net weight: 1.40 kg.



CA-3011P

1/2" DR. REVERSIBLE AIR DRILL

- body material: composite.
- mechanism: planet gear.
- exhaust: handle system.
- chuck capacity: \varnothing 13mm.
- free speed: 800 rpm.
- net weight: 1.40 kg.



CA-5027P

1/4" DR. AIR SCREW-DRIVER

- body material: composite.
- mechanism: internal adjusting.
- exhaust: handle system.
- bit shank: hex. 6.35 mm.
- free speed: 800 rpm.
- torque range: 5.08~16.38 Nm.
- net weight: 1.30 kg.



CA-5028P

1/4" DR. AIR SCREW-DRIVER

- body material: composite.
- mechanism: internal adjusting.
- exhaust: handle system.
- bit shank: hex. 6.35 mm.
- free speed: 2,100 rpm.
- torque range: 5.08~13.0 Nm.
- net weight: 1.05 kg.



CA-3574P

3" AIR DISC SANDER

- body material: composite.
- mechanism: non-vacuum.
- pad size: \varnothing 75 mm.
- free speed: 18,000 rpm.
- orbital: non.
- exhaust: handle system.
- net weight: 0.70 kg.



CA-3574PK

2" & 3" AIR DISC SANDER KIT

- 2pc - \varnothing 2" & 3" rubber pad.
- 2pc - \varnothing 2" surface prep disc.
- 2pc - \varnothing 3" surface prep disc.
- 1pc - \varnothing 2" #80 sanding disc.
- 1pc - \varnothing 3" #80 sanding disc.
- 1pc - CA-3574P



CA-3575PH

3" AIR ORBITAL SANDER

- body material: composite.
- mechanism: non-vacuum.
- pad size: \varnothing 75 mm.
- free speed: 18,000 rpm.
- orbital: 3.0 mm.
- exhaust: handle system.
- net weight: 0.72 kg.



CA-3575PHK

2" & 3" AIR ORBITAL SANDER KIT

- 3pc - \varnothing 2" sanding paper #180, #220, #320.
- 3pc - \varnothing 3" sanding paper #180, #220, #320.
- 2pc - \varnothing 2" & 3" rubber pad.
- 1pc - CA-3575PH



CA-7001P

AIR BELT SANDER

- body material: composite.
- mechanism: direct action.
- exhaust: handle system.
- belt size: 10 x 330 mmL.
- free speed: 17,000 rpm.
- net weight: 0.80 kg.



CA-7003P

AIR BELT SANDER

- body material: composite.
- mechanism: direct action.
- exhaust: handle system.
- belt size: 20 x 520 mmL.
- free speed: 16,000 rpm.
- net weight: 1.40 kg.



CA-9517P

AIR BELT SANDER

- body material: composite.
- mechanism: direct action.
- exhaust: handle system.
- belt size: 10 x 330 mmL.
- free speed: 18,000 rpm.
- net weight: 0.80 kg.



CA-9518P

AIR BELT SANDER

- body material: composite.
- mechanism: direct action.
- exhaust: handle system.
- belt size: 20 x 520 mmL.
- free speed: 18,000 rpm.
- net weight: 1.30 kg.



CA-4050PH

3" MINI AIR POLISHER

- body material: composite.
- mechanism: gear driven.
- exhaust: handle system.
- hook face pad: ø75 mm.
- free speed: 2,200 rpm.
- net weight: 0.77 kg.



CA-4050PHK

3" MINI AIR POLISHER KIT

- 1pc - ø3" compounding pad #70 (white).
- 1pc - ø3" compounding pad #80 (yellow).
- 1pc - ø3" disc pad.
- 1pc - ø3" bonnet.
- 1pc - CA-4050PH.



CA-4043P

5" AIR ANGLE POLISHER

- body material: composite.
- mechanism: full-cage gear.
- backing pad: ø125 mm.
- free speed: 3,200 rpm.
- exhaust: side system.
- net weight: 1.45 kg.



CA-4044P

7" AIR ANGLE POLISHER

- body material: composite.
- mechanism: full-cage gear.
- backing pad: ø175 mm.
- free speed: 3,200 rpm.
- exhaust: side system.
- net weight: 1.50 kg.



CA-9523P

4" AIR ANGLE GRINDER

- body material: composite.
- mechanism: gear driven.
- grinding plate: ø16 x 100 mm.
- free speed: 11,000 rpm.
- exhaust: side system.
- net weight: 2.40 kg.



CA-9524P

5" AIR ANGLE GRINDER

- body material: composite.
- mechanism: gear driven.
- grinding plate: ø22 x 125 mm.
- free speed: 11,000 rpm.
- exhaust: side system.
- net weight: 2.70 kg.



CA-9525P

7" AIR ANGLE GRINDER

- body material: composite.
- mechanism: gear driven.
- grinding plate: ø22 x 175 mm.
- free speed: 11,000 rpm.
- exhaust: side system.
- net weight: 3.20 kg.



CA-5512PRK

ANTI-VIBRATION MEDIUM AIR HAMMER KIT

- body material: composite.
- exhaust: front system.
- chisel shank: (R.) 10.2 mm.
- chisel length: 175 mmL.
- stroke length: 71 mmL.
- free speed: 3,000 bpm.



CA-5512PHK

ANTI-VIBRATION MEDIUM AIR HAMMER KIT

- body material: composite.
- exhaust: front system.
- chisel shank: (H.) 11 mm.
- chisel length: 175 mmL.
- stroke length: 71 mmL.
- free speed: 3,000 bpm.



CA-5513PRK

ANTI-VIBRATION LONG AIR HAMMER KIT

- body material: composite.
- exhaust: front system.
- chisel shank: (R.) 10.2 mm.
- chisel length: 175 mmL.
- stroke length: 92 mmL.
- free speed: 2,100 bpm.



CA-5513PHK

ANTI-VIBRATION LONG AIR HAMMER KIT

- body material: composite.
- exhaust: front system.
- chisel shank: (H.) 11 mm.
- chisel length: 175 mmL.
- stroke length: 92 mmL.
- free speed: 2,100 bpm.



CA-7527P

3/16" DR. AIR HYDRAULIC RIVETER

- body material: composite.
- stroke length: 19.5 mmL.
- traction power: 330 kg/m².
- aluminum & aluminum: ø2.4 ~ 4.8 mm.
- aluminum & steel: ø2.4 ~ 4.8 mm.
- steel & steel: ø2.4 ~ 4.8 mm.
- stainless steel & steel: ø2.4 ~ 4.8 mm.
- stainless steel & stainless steel: ø2.4 ~ 4.8 mm.



CA-7528P

1/4" DR. AIR HYDRAULIC RIVETER

- body material: composite.
- stroke length: 15 mmL.
- traction power: 510 kg/m².
- aluminum & aluminum: ø4.8 ~ 6.4 mm.
- aluminum & steel: ø4.8 ~ 6.4 mm.
- steel & steel: ø4.8 ~ 6.4 mm.
- stainless steel & steel: ø4.8 ~ 6.4 mm.
- stainless steel & stainless steel: ø4.8 ~ 6.4 mm.



CA-7542P

AIR HYDRAULIC SPIN-PULL RIVET NUT TOOL

- body material: composite.
- mechanism: hydraulic type.
- setting function: spin-pull-spin.
- stroke length: 7 mmL.
- traction power: 2,724 kg/m².
- capacity: M4-M5-M6-M8-M10-M12.



CA-2041S

1/4" DR. TORQUE CONTROL AIR IMPACT WRENCH

- body material: aluminum.
- mechanism: single-hammer.
- free speed: 10,000 rpm.
- torque range: 10-20-30-40 Nm.
- exhaust: handle system.
- overall length: 135 mm.
- net weight: 0.80 kg.



CA-2041SK

1/4" DR. TORQUE CONTROL AIR IMPACT WRENCH KIT

- 5pc-1/4" dr. deep impact socket: 8-9-10-11-12 mm.
- 1pc-1/4" dr. x 50mmL. extension bar.
- 1pc-1/4" dr. universal joint.
- 1pc-CA-2041S



CA-2001S

3/8" DR. AIR BUTTERFLY IMPACT WRENCH

- body material: aluminum.
- mechanism: single-hammer.
- exhaust: side system.
- overall length: 150 mm.
- net weight: 0.89 kg.
- free speed: 9,000 rpm.
- working torque: 102 Nm.



CA-2051D

3/8" DR. AIR BUTTERFLY IMPACT WRENCH

- body material: aluminum.
- mechanism: double-hammer.
- exhaust: side system.
- overall length: 139 mm.
- net weight: 0.53 kg.
- free speed: 12,000 rpm.
- working torque: 108 Nm.



CA-2069T

3/8" DR. AIR PALM IMPACT WRENCH

- body material: aluminum.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 7,500 rpm.
- working torque: 450 Nm.
- overall length: 94 mm.
- net weight: 1.12 kg.



CA-2070T

1/2" DR. AIR PALM IMPACT WRENCH

- body material: aluminum.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 7,500 rpm.
- working torque: 450 Nm.
- overall length: 94 mm.
- net weight: 1.12 kg.



CA-9561J

3/8" DR. AIR ANGLE IMPACT WRENCH

- body material: aluminum.
- mechanism: jumbo-hammer.
- exhaust: side system.
- free speed: 6,500 rpm.
- working torque: 339 Nm.
- overall length: 248 mm.
- net weight: 1.35 kg.



CA-9562J

1/2" DR. AIR ANGLE IMPACT WRENCH

- body material: aluminum.
- mechanism: jumbo-hammer.
- exhaust: side system.
- free speed: 6,500 rpm.
- working torque: 339 Nm.
- overall length: 248 mm.
- net weight: 1.35 kg.



CA-2055T

3/8" DR. AIR ANGLE IMPACT WRENCH

- body material: aluminum.
- mechanism: twin-hammer.
- hammer head: 120° flexible.
- working torque: 430 Nm.
- overall length: 277 mm.
- handle swivel: 360°.
- exhaust: side system.
- free speed: 8,000 rpm.
- net weight: 1.30 kg.



CA-2056T

1/2" DR. AIR ANGLE IMPACT WRENCH

- body material: aluminum.
- mechanism: twin-hammer.
- hammer head: 120° flexible.
- working torque: 430 Nm.
- overall length: 277 mm.
- handle swivel: 360°.
- exhaust: side system.
- free speed: 8,000 rpm.
- net weight: 1.30 kg.



CA-2071T

3/4" DR. AIR ANGLE IMPACT WRENCH

- body material: aluminum.
- mechanism: twin-hammer.
- hammer head: 120° flexible.
- working torque: 900 Nm.
- overall length: 305 mm.
- handle swivel: 360°.
- exhaust: side system.
- free speed: 7,500 rpm.
- net weight: 2.30 kg.



CA-2040J

1/2" DR. AIR IMPACT WRENCH

- body material: aluminum.
- mechanism: jumbo-hammer.
- exhaust: handle system.
- free speed: 10,000 rpm.
- working torque: 678 Nm.
- overall length: 120 mm.
- net weight: 1.50 kg.



CA-2040JK

1/2" DR. AIR IMPACT WRENCH KIT

- 6pc-1/2" dr. impact socket: 13-17-19-21-22-24mm. x 28.5mmL.
- 1pc-CA-2040J



CA-2043J

1/2" DR. AIR IMPACT WRENCH

- body material: aluminum.
- mechanism: jumbo-hammer.
- exhaust: handle system.
- free speed: 10,000 rpm.
- working torque: 678 Nm.
- overall length: 97 mm.
- net weight: 1.60 kg.



CA-2043JK

1/2" DR. AIR IMPACT WRENCH KIT

- 6pc-1/2" dr. impact socket: 13-17-19-21-22-24mm. x 28.5mmL.
- 1pc-CA-2043J



CA-2013T

1/2" DR. AIR IMPACT WRENCH

- body material: aluminum.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 7,000 rpm.
- working torque: 678 Nm.
- overall length: 193 mm.
- net weight: 2.70 kg.



CA-2049T

1/2" DR. AIR IMPACT WRENCH

- body material: aluminum.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 8,000 rpm.
- working torque: 1,357 Nm.
- overall length: 182 mm.
- net weight: 2.60 kg.



CA-2045T

1/2" DR. AIR IMPACT WRENCH

- body material: aluminum.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 7,000 rpm.
- working torque: 1,357 Nm.
- overall length: 141 mm.
- net weight: 1.80 kg.



CA-2072J

1/2" DR. AIR IMPACT WRENCH

- body material: aluminum.
- mechanism: jumbo-hammer.
- exhaust: handle system.
- free speed: 7,000 rpm.
- working torque: 1,627 Nm.
- overall length: 128 mm.
- net weight: 1.65 kg.



CA-2073J

3/4" DR. AIR IMPACT WRENCH

- body material: aluminum.
- mechanism: jumbo-hammer.
- exhaust: handle system.
- free speed: 7,000 rpm.
- working torque: 1,627 Nm.
- overall length: 132 mm.
- net weight: 1.70 kg.



CA-2066T

3/4" DR. AIR IMPACT WRENCH

- body material: aluminum.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 5,500 rpm.
- working torque: 1,620 Nm.
- overall length: 220 mm.
- net weight: 4.60 kg.



CA-2025T

3/4" DR. AIR IMPACT WRENCH

- body material: aluminum.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 5,000 rpm.
- working torque: 1,695 Nm.
- overall length: 216 mm.
- net weight: 4.30 kg.



CA-2058T

1" DR. AIR IMPACT WRENCH

- body material: aluminum.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 4,500 rpm.
- working torque: 2,170 Nm.
- overall length: 240 mm.
- net weight: 5.70 kg.



CA-9535T

1" DR. AIR IMPACT WRENCH

- body material: aluminum.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 5,000 rpm.
- working torque: 2,439 Nm.
- overall length: 275 mm.
- net weight: 7.10 kg.



CA-2038T

1" DR. AIR IMPACT WRENCH

- body material: aluminum.
- mechanism: twin-hammer.
- exhaust: handle system.
- free speed: 3,500 rpm.
- working torque: 2,712 Nm.
- overall length: 300 mm.
- net weight: 8.95 kg.



CA-9538TL

1" DR. AIR IMPACT WRENCH WITH 6" ANVIL

- body material: aluminum.
- mechanism: twin-hammer.
- exhaust: side system.
- working torque: 2,712 Nm.
- free speed: 5,000 rpm.
- net weight: 8.10 kg.
- overall length: 487 mm.



CA-2065TL

1" DR. AIR IMPACT WRENCH WITH 6" ANVIL

- body material: aluminum.
- mechanism: twin-hammer.
- exhaust: side system.
- working torque: 2,985 Nm.
- free speed: 5,000 rpm.
- net weight: 7.40 kg.
- overall length: 491 mm.



CA-2035TL

1" DR. AIR IMPACT WRENCH WITH 8" ANVIL

- body material: aluminum.
- mechanism: twin-hammer.
- exhaust: side system.
- working torque: 2,985 Nm.
- free speed: 4,000 rpm.
- net weight: 10.70 kg.
- overall length: 531 mm.



CA-9563TL

1" DR. AIR IMPACT WRENCH WITH 8" ANVIL

- body material: aluminum.
- mechanism: twin-hammer.
- exhaust: side system.
- working torque: 3,390 Nm.
- free speed: 3,000 rpm.
- net weight: 17.30 kg.
- overall length: 634 mm.



CA-9506

1/4" DR. AIR RATCHET WRENCH

- body material: aluminum.
- mechanism: planet gear.
- free speed: 250 rpm.
- working torque: 27 Nm.
- exhaust: rear-360°.
- overall length: 205 mm.
- net weight: 0.64 kg.



CA-9507

3/8" DR. AIR RATCHET WRENCH

- body material: aluminum.
- mechanism: planet gear.
- free speed: 250 rpm.
- working torque: 27 Nm.
- exhaust: rear-360°.
- overall length: 205 mm.
- net weight: 0.64 kg.



CA-2403

1/4" DR. AIR RATCHET WRENCH

- body material: aluminum.
- mechanism: planet gear.
- free speed: 350 rpm.
- working torque: 34 Nm.
- exhaust: rear system.
- overall length: 138 mm.
- net weight: 0.40 kg.



CA-2404

3/8" DR. AIR RATCHET WRENCH

- body material: aluminum.
- mechanism: planet gear.
- free speed: 350 rpm.
- working torque: 34 Nm.
- exhaust: rear system.
- overall length: 138 mm.
- net weight: 0.40 kg.



CA-2535

1/4" DR. AIR IMPACT RATCHET WRENCH

- body material: aluminum.
- mechanism: reaction-less.
- free speed: 700 rpm.
- working torque: 40 Nm.
- exhaust: rear system.
- overall length: 159 mm.
- net weight: 0.62 kg.



CA-2536

3/8" DR. AIR IMPACT RATCHET WRENCH

- body material: aluminum.
- mechanism: reaction-less.
- free speed: 700 rpm.
- working torque: 40 Nm.
- exhaust: rear system.
- overall length: 159 mm.
- net weight: 0.62 kg.



CA-2501

1/4" DR. AIR RATCHET WRENCH

- body material: aluminum.
- mechanism: planet gear.
- free speed: 230 rpm.
- working torque: 40 Nm.
- exhaust: rear system.
- overall length: 165 mm.
- net weight: 0.50 kg.



CA-2502

3/8" DR. AIR RATCHET WRENCH

- body material: aluminum.
- mechanism: planet gear.
- free speed: 230 rpm.
- working torque: 40 Nm.
- exhaust: rear system.
- overall length: 165 mm.
- net weight: 0.50 kg.



CA-2503

3/8" DR. AIR RATCHET WRENCH

- body material: aluminum.
- mechanism: planet gear.
- free speed: 150 rpm.
- working torque: 68 Nm.
- exhaust: front system.
- overall length: 265 mm.
- net weight: 1.10 kg.



CA-2504

1/2" DR. AIR RATCHET WRENCH

- body material: aluminum.
- mechanism: planet gear.
- free speed: 150 rpm.
- working torque: 68 Nm.
- exhaust: front system.
- overall length: 265 mm.
- net weight: 1.10 kg.



CA-2525

3/8" DR. AIR RATCHET WRENCH

- body material: aluminum.
- mechanism: full-cage gear.
- free speed: 160 rpm.
- working torque: 68 Nm.
- exhaust: rear system.
- overall length: 265 mm.
- net weight: 1.28 kg.



CA-2526

1/2" DR. AIR RATCHET WRENCH

- body material: aluminum.
- mechanism: full-cage gear.
- free speed: 160 rpm.
- working torque: 68 Nm.
- exhaust: rear system.
- overall length: 265 mm.
- net weight: 1.28 kg.



CA-9508

3/8" DR. AIR RATCHET WRENCH

- body material: aluminum.
- mechanism: full-cage gear.
- free speed: 280 rpm.
- working torque: 108 Nm.
- exhaust: rear-360°.
- overall length: 260 mm.
- net weight: 1.24 kg.



CA-9509

1/2" DR. AIR RATCHET WRENCH

- body material: aluminum.
- mechanism: full-cage gear.
- free speed: 280 rpm.
- working torque: 108 Nm.
- exhaust: rear-360°.
- overall length: 260 mm.
- net weight: 1.24 kg.



CA-9510

3/8" DR. AIR RATCHET WRENCH

- body material: aluminum.
- mechanism: planet gear.
- free speed: 225 rpm.
- working torque: 136 Nm.
- exhaust: rear-360°.
- overall length: 307 mm.
- net weight: 1.52 kg.



CA-9511

1/2" DR. AIR RATCHET WRENCH

- body material: aluminum.
- mechanism: planet gear.
- free speed: 225 rpm.
- working torque: 136 Nm.
- exhaust: rear-360°.
- overall length: 307 mm.
- net weight: 1.52 kg.



CA-9550

3/8" DR. AIR IMPACT RATCHET WRENCH

- body material: aluminum.
- mechanism: reaction-less.
- free speed: 600 rpm.
- working torque: 136 Nm.
- exhaust: front system.
- overall length: 301 mm.
- net weight: 1.80 kg.



CA-9551

1/2" DR. AIR IMPACT RATCHET WRENCH

- body material: aluminum.
- mechanism: reaction-less.
- free speed: 600 rpm.
- working torque: 136 Nm.
- exhaust: front system.
- overall length: 301 mm.
- net weight: 1.80 kg.



CA-9548

3/8" DR. AIR IMPACT RATCHET WRENCH

- body material: aluminum.
- mechanism: reaction-less.
- free speed: 900 rpm.
- working torque: 271 Nm.
- exhaust: front system.
- overall length: 389 mm.
- net weight: 2.50 kg.



CA-9549

1/2" DR. AIR IMPACT RATCHET WRENCH

- body material: aluminum.
- mechanism: reaction-less.
- free speed: 900 rpm.
- working torque: 271 Nm.
- exhaust: front system.
- overall length: 389 mm.
- net weight: 2.50 kg.



CA-2409

3/8" DR. 30° FLEXIBLE AIR RATCHET WRENCH

- body material: aluminum.
- mechanism: planet gear.
- free speed: 180 rpm.
- working torque: 68 Nm.
- exhaust: rear-360°.
- overall length: 260 mm.
- net weight: 1.30 kg.



CA-2410

1/2" DR. 30° FLEXIBLE AIR RATCHET WRENCH

- body material: aluminum.
- mechanism: planet gear.
- free speed: 180 rpm.
- working torque: 68 Nm.
- exhaust: rear-360°.
- overall length: 260 mm.
- net weight: 1.30 kg.



CA-2411

GO-THRU AIR RATCHET WRENCH

- body material: aluminum.
- mechanism: planet gear.
- free speed: 450 rpm.
- working torque: 54 Nm.
- exhaust: rear-side 360°.
- 3pc-adaptor: 10, 12, 13 mm.
- go-thru hex size: 17 mm.
- 1pc-3/8" dr. adaptor.
- 1pc - 1/4" bit holder.
- overall length: 210 mm.
- net weight: 1.30 kg.



CA-3006

3/8" DR. NON-REVERSIBLE AIR ANGLE DRILL

- body material: aluminum.
- mechanism: full-cage gear.
- chuck capacity: ø10 mm.
- free speed: 1,900 rpm.
- exhaust: front system.
- net weight: 0.96 kg.



CA-3007

3/8" DR. REVERSIBLE AIR ANGLE DRILL

- body material: aluminum.
- mechanism: planet gear.
- chuck capacity: ø10 mm.
- free speed: 1,800 rpm.
- exhaust: rear system.
- net weight: 1.10 kg.



CA-7500H

AIR SPOT WELD DRILL

- body material: aluminum.
- mechanism: full-cage gear.
- capacity: 6.5 & 8.0mm.
- 1pc - drill bit ø8.0 mm.
- hook size: 80 H x 65 mmL.
- exhaust: rear system.
- free speed: 1,400 rpm.
- net weight: 1.80 kg.



CA-7501H

AIR SPOT WELD DRILL

- body material: aluminum.
- mechanism: full-cage gear.
- capacity: $\varnothing 6.5$ & 8.0mm.
- 1pc - drill bit $\varnothing 8.0$ mm.
- hook size: 60 H x 118 mmL.
- exhaust: handle system.
- free speed: 2,000 rpm.
- net weight: 1.40 kg.



CA-7501HK

AIR SPOT WELD DRILL KIT

- 2pc-drill bit $\varnothing 6.5$ mm.
- 2pc-drill bit $\varnothing 8.0$ mm.
- 1pc-key wrench.
- hook size: 60 H x 118 mmL.
- 1pc-nipple.
- 1pc-mini oiler.
- 1pc-universal joint.



CA-7502H

AIR SPOT WELD DRILL

- body material: aluminum.
- mechanism: full-cage gear.
- capacity: $\varnothing 6.5$ & 8.0mm.
- hook size: 150 H x 118 mm
- 1pc - drill bit $\varnothing 8.0$ mm.
- exhaust: handle system.
- free speed: 2,000 rpm.
- net weight: 1.60 kg.



CA-7502HK

2 IN 1 - AIR SPOT WELD DRILL KIT

- 2pc-drill bit $\varnothing 6.5$ mm.
- 2pc-drill bit $\varnothing 8.0$ mm.
- hook size: 60 H x 118 mmL.
- hook size: 150 H x 118 mmL.
- 1pc-key wrench.
- 1pc-mini oiler.
- 1pc-universal joint.
- 1pc-nipple.



CA-5002

1/4" DR. AIR SCREW-DRIVER

- body material: aluminum.
- mechanism: double hammer.
- bit shank: hex. 6.35 mm.
- torque range: 2.3~6.8 Nm.
- exhaust: rear system.
- free speed: 8,000 rpm.
- net weight: 0.70 kg.



CA-5005

1/4" DR. AIR SCREW-DRIVER

- body material: aluminum.
- mechanism: internal adjusting.
- bit shank: hex. 6.35 mm.
- torque range: 1.2~3.4 Nm.
- exhaust: rear system.
- free speed: 1,500 rpm.
- net weight: 0.60 kg.



CA-5008

1/4" DR. AIR SCREW-DRIVER

- body material: aluminum.
- mechanism: internal adjusting.
- bit shank: hex. 6.35 mm.
- torque range: 5.1~16.4 Nm.
- exhaust: rear system.
- free speed: 800 rpm.
- net weight: 1.24 kg.



CA-5009

1/4" DR. AIR SCREW-DRIVER

- body material: aluminum.
- mechanism: internal adjusting.
- bit shank: hex. 6.35 mm.
- torque range: 5.1~12.0 Nm.
- exhaust: rear system.
- free speed: 1,800 rpm.
- net weight: 1.08 kg.



CA-5010

1/4" DR. AIR SCREW-DRIVER

- body material: aluminum.
- mechanism: internal adjusting.
- exhaust: handle system.
- bit shank: hex. 6.35 mm.
- free speed: 800 rpm.
- torque range: 5.1~16.4 Nm.
- net weight: 1.35 kg.



CA-5011

1/4" DR. AIR SCREW-DRIVER

- body material: aluminum.
- mechanism: internal adjusting.
- exhaust: handle system.
- bit shank: hex. 6.35 mm.
- free speed: 1,800 rpm.
- torque range: 5.1~12.0 Nm.
- net weight: 1.25 kg.



CA-3570H

3" AIR ORBITAL SANDER

- mechanism: non-vacuum.
- exhaust: handle system.
- pad size: $\varnothing 75$ mm.
- free speed: 16,000 rpm.
- orbital: 2.5 mm.
- net weight: 0.68 kg.



CA-3570HK

2" & 3" AIR ORBITAL SANDER KIT

- 10pc- $\varnothing 2$ " sanding paper #320 #400 #600.
- 10pc- $\varnothing 3$ " sanding paper #320 #400 #600.
- 2pc- $\varnothing 2$ " & 3" rubber pad.
- 1pc-CA-3570H



CA-3501BM

30MM AIR ORBITAL SANDER

- mechanism: non-vacuum.
- exhaust: rear system.
- pad size: $\varnothing 30$ mm.
- free speed: 7,500 rpm.
- orbital: 1.5 mm.
- net weight: 0.60 kg.



CA-3573H

30MM AIR ORBITAL SANDER

- mechanism: non-vacuum.
- exhaust: rear system.
- pad size: $\varnothing 30$ mm.
- free speed: 7,500 rpm.
- orbital: 3.0 mm.
- net weight: 0.75 kg.



CA-3508H

3" AIR ORBITAL SANDER

- mechanism: non-vacuum.
- exhaust: rear system.
- pad size: $\varnothing 75$ mm.
- free speed: 11,000 rpm.
- orbital: 2.5 mm.
- net weight: 0.60 kg.



CA-3509H

3" AIR ORBITAL SANDER

- mechanism: central-vacuum.
- exhaust: rear system.
- pad size: $\varnothing 75$ mm.
- free speed: 11,000 rpm.
- orbital: 2.5 mm.
- net weight: 0.60 kg.



CA-3510H

3" AIR ORBITAL SANDER

- mechanism: self-vacuum.
- exhaust: rear system.
- pad size: $\varnothing 75$ mm.
- free speed: 11,000 rpm.
- orbital: 2.5 mm.
- net weight: 0.60 kg.



CA-3560H

6" AIR ORBITAL SANDER

- mechanism: 3 in 1 function.
- exhaust: rear system.
- pad size: $\varnothing 150$ mm.
- free speed: 10,000 rpm.
- orbital: 5.0 mm.
- net weight: 0.68 kg.



CA-3511H

6" AIR ORBITAL SANDER

- mechanism: non-vacuum.
- exhaust: rear system.
- pad size: $\varnothing 150$ mm.
- free speed: 11,000 rpm.
- orbital: 5.0 mm.
- net weight: 0.90 kg.



CA-3512H

6" AIR ORBITAL SANDER

- mechanism: central-vacuum.
- exhaust: rear system.
- pad size: $\varnothing 150$ mm.
- free speed: 11,000 rpm.
- orbital: 5.0 mm.
- net weight: 0.90 kg.



CA-3513H

6" AIR ORBITAL SANDER

- mechanism: self-vacuum.
- exhaust: rear system.
- pad size: $\varnothing 150$ mm.
- free speed: 11,000 rpm.
- orbital: 5.0 mm.
- net weight: 0.90 kg.



CA-4034H

6" GEAR DRIVEN AIR ORBITAL SANDER

- mechanism: non-vacuum.
- mechanism: gear driven.
- exhaust: rear system.
- pad size: $\varnothing 150$ mm.
- free speed: 900 rpm.
- orbital: 5.0 mm.



CA-4035H

6" GEAR DRIVEN AIR ORBITAL SANDER

- mechanism: central-vacuum.
- mechanism: gear driven.
- exhaust: rear system.
- pad size: ø150 mm.
- free speed: 900 rpm.
- orbital: 5.0 mm.
- net weight: 1.60 kg.



CA-4036H

6" GEAR DRIVEN AIR ORBITAL SANDER

- mechanism: self-vacuum.
- mechanism: gear driven.
- exhaust: rear system.
- pad size: ø150 mm.
- free speed: 900 rpm.
- orbital: 5.0 mm.
- net weight: 1.60 kg.



CA-4037H

8" GEAR DRIVEN AIR ORBITAL SANDER

- mechanism: non-vacuum.
- mechanism: gear driven.
- exhaust: rear system.
- pad size: ø200 mm.
- free speed: 900 rpm.
- orbital: 5.0 mm.
- net weight: 1.70 kg.



CA-4038H

8" GEAR DRIVEN AIR ORBITAL SANDER

- mechanism: central-vacuum.
- mechanism: gear driven.
- exhaust: rear system.
- pad size: ø200 mm.
- free speed: 900 rpm.
- orbital: 5.0 mm.
- net weight: 1.70 kg.



CA-4039H

8" GEAR DRIVEN AIR ORBITAL SANDER

- mechanism: self-vacuum.
- mechanism: gear driven.
- exhaust: rear system.
- pad size: ø200 mm.
- free speed: 900 rpm.
- orbital: 5.0 mm.
- net weight: 1.70 kg.



CA-4014

7" AIR ANGLE SANDER

- mechanism: gear driven.
- pad size: ø175 mm.
- free speed: 4,500 rpm.
- exhaust: side system.
- net weight: 2.10 kg.



CA-7001

AIR BELT SANDER

- mechanism: direct action.
- exhaust: handle system.
- belt size: 10 x 330 mmL.
- free speed: 17,000 rpm.
- net weight: 0.80 kg.



CA-7003

AIR BELT SANDER

- mechanism: direct action.
- exhaust: handle system.
- belt size: 20 x 520 mmL.
- free speed: 13,000 rpm.
- net weight: 1.10 kg.



CA-3572H

3" MINI AIR POLISHER

- mechanism: gear driven.
- exhaust: handle system.
- hook face pad: ø75 mm.
- free speed: 2,000 rpm.
- net weight: 0.73 kg.



CA-3572HK

3" MINI AIR POLISHER KIT

- 1pc-ø3-1/2" compounding pad #70 (white).
- 1pc-ø3-1/2" compounding pad #80 (yellow).
- 1pc-ø3" hook face pad.
- 1pc-ø3-1/2" bonnet.



CA-4049H

3" AIR ANGLE POLISHER

- mechanism: full-cage gear.
- exhaust: rear system.
- hook face pad: ø75 mm.
- free speed: 3,200 rpm.
- net weight: 1.10 kg.



CA-4015

7" AIR ANGLE POLISHER

- mechanism: gear driven.
- backing pad: ø175 mm.
- free speed: 2,500 rpm.
- exhaust: side system.
- net weight: 2.20 kg.



CA-4017

7" AIR ANGLE POLISHER

- mechanism: gear driven.
- backing pad: $\varnothing 175$ mm.
- free speed: 0–2,500 rpm.
- exhaust: rear system.
- net weight: 2.20 kg.



CA-7507

AIR STRIPPING TOOL

- mechanism: planet gear.
- exhaust: rear system.
- inner thread: 5/16" x 24 t.
- free speed: 2,500 rpm.
- net weight: 0.95 kg.



CA-4048K

AIR FLEX. HEAD RUST REMOVAL TOOL KIT

- mechanism: closed-planet gear.
- inner thread: M6 x 1P.
- exhaust: rear-side 360°.
- flex. head: up 25° and down 25°.
- 1pc - straight wire wheel (AS-131).
- 2pc - bent wire brush (AS-132).
- free speed: 4,000 rpm.
- overall length: 290 mm.
- net weight: 1.20 kg.



CA-4511K

1/8" DR. AIR MICRO DIE GRINDER KIT

- mechanism: direct action.
- exhaust: rear system.
- collect size: $\varnothing 3.0$ mm.
- free speed: 70,000 rpm.



CA-4502K

1/4" DR. AIR DIE GRINDER KIT

- 10pc-mount stone: 3mm / 6mm shank.
- 2pc-collect: $\varnothing 3.0$ & 6.0 mm.
- 2pc-spanner.
- 1pc-nipple.



CA-4504

1/4" DR. AIR ANGLE DIE GRINDER

- mechanism: direct action.
- exhaust: rear system.
- collect size: $\varnothing 6.0$ mm.
- free speed: 18,000 rpm.
- net weight: 0.45 kg.



CA-7541

AIR TYRE BUFFING TOOL

- mechanism: planet gear.
- exhaust: rear-side 360°.
- inner thread: 3/8" x 24 t.
- free speed: 2,500 rpm.
- net weight: 1.20 kg.



CA-4022

AIR SURFACE PREPARATION TOOL

- mechanism: belt type.
- inner thread: M6 x 1P.
- exhaust: rear system.
- free speed: 3,500 rpm.
- overall length: 270 mm.
- net weight: 1.21 kg.



CA-4509K

1/8" DR. AIR MICRO DIE GRINDER KIT

- mechanism: direct action.
- exhaust: rear system.
- collect size: $\varnothing 3.0$ mm.
- free speed: 54,000 rpm.



CA-4510K

1/8" DR. AIR MICRO DIE GRINDER KIT

- mechanism: direct action.
- exhaust: rear system.
- collect size: $\varnothing 3.0$ mm.
- free speed: 60,000 rpm.



CA-4502

1/4" DR. AIR DIE GRINDER

- mechanism: direct action.
- exhaust: rear system.
- collect size: $\varnothing 6.0$ mm.
- free speed: 20,000 rpm.
- net weight: 0.62 kg.



CA-4503

1/4" DR. AIR DIE GRINDER

- mechanism: direct action.
- exhaust: rear system.
- collect size: $\varnothing 6.0$ mm.
- free speed: 22,000 rpm.
- net weight: 0.37 kg.



CA-4515M

1/4" DR. AIR DIE GRINDER

- mechanism: direct action.
- exhaust: rear system.
- collect size: $\varnothing 6.0$ mm.
- free speed: 25,000 rpm.
- net weight: 0.48 kg.



CA-4516M

1/4" DR. AIR ANGLE DIE GRINDER

- mechanism: direct action.
- exhaust: rear system.
- collect size: $\varnothing 6.0$ mm.
- free speed: 20,000 rpm.
- net weight: 0.56 kg.



CA-4528

1/4" DR. AIR DIE GRINDER

- mechanism: direct action.
- exhaust: rear-360°.
- collect size: $\varnothing 6.0$ mm.
- free speed: 25,000 rpm.
- net weight: 0.40 kg.



CA-4527

1/4" DR. AIR ANGLE DIE GRINDER

- mechanism: direct action.
- exhaust: rear-360°.
- collect size: $\varnothing 6.0$ mm.
- free speed: 22,000 rpm.
- net weight: 0.48 kg.



CA-4301

2" MINI AIR ANGLE GRINDER

- mechanism: direct action.
- grinding plate: $\varnothing 9 \times 50$ mm.
- exhaust: rear system.
- free speed: 20,000 rpm.
- net weight: 0.69 kg.



CA-4004

4" AIR ANGLE GRINDER

- mechanism: direct action.
- grinding plate: $\varnothing 16 \times 100$ mm.
- exhaust: front system.
- free speed: 16,500 rpm.
- net weight: 1.48 kg.



CA-4006

4" AIR ANGLE GRINDER

- mechanism: gear driven.
- grinding plate: $\varnothing 16 \times 100$ mm.
- exhaust: side system.
- free speed: 11,000 rpm.
- net weight: 1.70 kg.



CA-4008

4-1/2" AIR ANGLE GRINDER

- mechanism: gear driven.
- grinding plate: $\varnothing 16 \times 115$ mm.
- exhaust: side system.
- free speed: 12,000 rpm.
- net weight: 1.70 kg.



CA-4009

5" AIR ANGLE GRINDER

- mechanism: gear driven.
- grinding plate: $\varnothing 22 \times 125$ mm.
- exhaust: side system.
- free speed: 12,000 rpm.
- net weight: 1.80 kg.



CA-4054

4" AIR ANGLE GRINDER

- mechanism: gear driven.
- spindle: lock function.
- grinding plate: $\varnothing 16 \times 100$ mm.
- exhaust: rear-360°.
- free speed: 12,000 rpm.
- net weight: 1.64 kg.



CA-4055

4-1/2" AIR ANGLE GRINDER

- mechanism: gear driven.
- spindle: lock function.
- grinding plate: $\varnothing 22 \times 115$ mm.
- exhaust: rear-360°.
- free speed: 12,000 rpm.
- net weight: 1.70 kg.



CA-4056

5" AIR ANGLE GRINDER

- mechanism: gear driven.
- spindle: lock function.
- grinding plate: $\varnothing 22 \times 125$ mm.
- exhaust: rear-360°.
- free speed: 12,000 rpm.
- net weight: 1.73 kg.



CA-4011

7" AIR ANGLE GRINDER

- mechanism: gear driven.
- grinding plate: $\varnothing 22 \times 175$ mm.
- free speed: 7,000 rpm.
- exhaust: side system.
- net weight: 3.24 kg.



CA-5502RK

MEDIUM AIR HAMMER KIT

- exhaust: front system.
- chisel shank: (R.) 10.2 mm.
- chisel length: 175 mmL.
- stroke length: 65 mmL.
- free speed: 3,000 bpm.



CA-5502HK

MEDIUM AIR HAMMER KIT

- exhaust: front system.
- chisel shank: (H.) 11 mm.
- chisel length: 175 mmL.
- stroke length: 65 mmL.
- free speed: 3,000 bpm.



CA-5503RK

LONG AIR HAMMER KIT

- exhaust: front system.
- chisel shank: (R.) 10.2 mm.
- chisel length: 175 mmL.
- stroke length: 89 mmL.
- free speed: 2,100 bpm.



CA-5503HK

LONG AIR HAMMER KIT

- exhaust: front system.
- chisel shank: (H.) 11 mm.
- chisel length: 175 mmL.
- stroke length: 89 mmL.
- free speed: 2,100 bpm.



CA-5511HK

LONG AIR HAMMER KIT

- exhaust: front system.
- chisel shank: (H.) 11 mm.
- chisel length: 250 mmL.
- stroke length: 90 mmL.
- free speed: 2,100 bpm.



1" AIR CHIPPING HAMMER

CA-5518R round shank: \varnothing 17.3 mm.

CA-5518H hex. shank: 14.8 mm.

- piston: \varnothing 28.5 mm x 67 mmL.
- piston stroke: 61 mmL.
- free speed: 2,500 bpm.
- overall length: 383 mmL.
- net wight: 7.0 kg.



2" AIR CHIPPING HAMMER

CA-5519R round shank: \varnothing 17.3 mm.

CA-5519H hex. shank: 14.8 mm.

- piston: \varnothing 28.5 mm x 67 mmL.
- piston stroke: 75 mmL.
- free speed: 2,300 bpm.
- overall length: 397 mmL.
- net wight: 7.3 kg.



3" AIR CHIPPING HAMMER

CA-5520R round shank: \varnothing 17.3 mm.

CA-5520H hex. shank: 14.8 mm.

- piston: \varnothing 28.5 mm x 73.5 mmL.
- piston stroke: 117.5 mmL.
- free speed: 2,000 bpm.
- overall length: 446 mmL.
- net wight: 8.0 kg.



4" AIR CHIPPING HAMMER

CA-5521R round shank: \varnothing 17.3 mm.

CA-5521H hex. shank: 14.8 mm.

- piston: \varnothing 28.5 mm x 76.5 mmL.
- piston stroke: 140.5 mmL.
- free speed: 1,600 bpm.
- overall length: 472 mmL.
- net wight: 8.3 kg.



CA-7018

MIINI AIR NEEDLE SCALER

- exhaust: handle system.
- needle size: \varnothing 3.0 x 115mmL.
- needle q'ty: 11 pcs.
- piston stroke: 20 mmL.
- free speed: 3,400 bpm.
- net weight: 1.40 kg.



CA-7013

MINI AIR NEEDLE SCALER

- exhaust: side system.
- needle size: $\varnothing 1.4 \times 81 \text{ mmL}$.
- needle q'ty: 13 pcs.
- piston stroke: 24 mmL.
- free speed: 3,000 bpm.
- net weight: 0.48 kg.



CA-7004

AIR NEEDLE SCALER

- exhaust: side system.
- needle size: $\varnothing 3.0 \times 180 \text{ mmL}$.
- needle q'ty: 19 pcs.
- piston stroke: 33 mmL.
- free speed: 4,600 bpm.
- net weight: 2.70 kg.



CA-7005

AIR NEEDLE SCALER

- exhaust: side system.
- needle size: $\varnothing 3.0 \times 180 \text{ mmL}$.
- needle q'ty: 19 pcs.
- piston stroke: 33 mmL.
- free speed: 3,000 bpm.
- net weight: 2.80 kg.



CA-7006

AIR NEEDLE SCALER

- exhaust: side system.
- needle size: $\varnothing 3.0 \times 180 \text{ mmL}$.
- needle q'ty: 19 pcs.
- piston stroke: 38 mmL.
- free speed: 4,600 bpm.
- net weight: 2.80 kg.



CA-7007

AIR NEEDLE SCALER

- exhaust: side system.
- needle size: $\varnothing 3.0 \times 180 \text{ mmL}$.
- needle q'ty: 19 pcs.
- piston stroke: 33 mmL.
- free speed: 3,700 bpm.
- net weight: 2.70 kg.



CA-7008

AIR NEEDLE SCALER

- exhaust: side system.
- needle size: $\varnothing 3.0 \times 180 \text{ mmL}$.
- needle q'ty: 28 pcs.
- piston stroke: 39 mmL.
- free speed: 3,000 bpm.
- net weight: 4.70 kg.



CA-7010

MEDIUM-DUTY AIR CHISEL SCALER

- exhaust: side system.
- chisel shank: hex. 12.7 mm.
- chisel size: 35 x 175 mmL.
- stroke length: 33 mmL.
- free speed: 5,000 bpm.
- net weight: 1.80 kg.



CA-7011

MEDIUM-DUTY AIR CHISEL SCALER

- exhaust: side system.
- chisel shank: hex. 9.5 mm.
- chisel size: 35 x 175 mmL.
- stroke length: 38 mmL.
- free speed: 4,800 bpm.
- net weight: 2.10 kg.



CA-7016

MEDIUM-DUTY AIR CHISEL SCALER

- exhaust: side system.
- chisel shank: hex. 12.7 mm.
- chisel size: 35 x 175 mmL.
- stroke length: 38 mmL.
- free speed: 2,700 bpm.
- net weight: 2.30 kg.



CA-7017

HEAVY-DUTY AIR CHISEL SCALER

- exhaust: side system.
- chisel shank: hex. 12.7 mm.
- chisel size: 35 x 175 mmL.
- stroke length: 36 mmL.
- free speed: 4,000 bpm.
- net weight: 1.90 kg.



CA-4051

3" REVERSIBLE AIR CUT-OFF TOOL

- reversible direct sparks away from work.
- cutting wheel: $\varnothing 9 \times 75 \times 2$ mm. (t.)
- free speed: 18,000 rpm.
- exhaust: rear-side 360°.
- net weight: 0.90 kg.



CA-4052

3" FLEX. HEAD REVERSIBLE AIR CUT-OFF TOOL

- reversible direct sparks away from work.
- cutting wheel: $\varnothing 9 \times 75 \times 2$ mm. (t.)
- free speed: 16,000 rpm.
- exhaust: rear-side 360°.
- net weight: 1.10 kg.



CA-4053

4" AIR REVERSIBLE INNER CUTTER

- reversible direct sparks away from work.
- cutting wheel: $\varnothing 9 \times 100 \times 2$ mm. (t.)
- free speed: 13,000 rpm.
- exhaust: rear-side 360°.
- net weight: 1.45 kg.



CA-6505

AIR WINDOW SEAL CUT-OFF TOOL

- exhaust: rear system.
- stroke arc: 3°
- free speed: 20,000 rpm.
- net weight: 1.20 kg.



CA-6505K

AIR WINDOW SEAL CUT-OFF TOOL KIT

- 2pc - double suction cup.
- 1pc - ratchet tie-down.
- 1pc - CA-6505.



CA-6506

AIR NIBBLER

- mechanism: push type.
- exhaust: side system.
- capacity: 2.0 mm. (alum.) 1.5 mm. (steel)
- free speed: 2.6 spm.
- net weight: 1.10 kg.



CA-7508A

AIR PUNCH FLANGE TOOL

- punch capacity: 1.4 (t.) x $\varnothing 8$ mm.
- flange capacity: 1.4 (t.) x 12 mmL.
- exhaust: front system.
- net weight: 1.30 kg.



CA-7508B

AIR PUNCH FLANGE TOOL

- punch capacity: 1.6 (t.) x $\varnothing 5$ mm.
- flange capacity: 1.4 (t.) x 12 mmL.
- exhaust: front system.
- net weight: 1.30 kg.



CA-7509A

AIR PUNCH FLANGE TOOL

- punch capacity: 1.4 (t.) x $\varnothing 8$ mm.
- flange capacity: 1.4 (t.) x 12 mmL.
- exhaust: front system.
- net weight: 1.20 kg.



CA-7509B

AIR PUNCH FLANGE TOOL

- punch capacity: 1.6 (t.) x $\varnothing 5$ mm.
- flange capacity: 1.4 (t.) x 12 mmL.
- exhaust: front system.
- net weight: 1.20 kg.



CA-6509

AIR BODY SAW

- exhaust: front system.
- capacity: 1.6 mm. (steel)
- stroke length: 10 mmL.
- vibration: 12.59 m/s².
- free speed: 9,000 spm.
- net weight: 1.00 kg.



CA-6509K

AIR BODY SAW KIT

- 1pc-mini oiler.
- 1pc-nipple.
- 1pc-universal joint.
- 5pc-24t. saw blade.
- 5pc-32t. saw blade.



CA-6513

ANTI-VIBRATION MINI AIR BODY SAW

- exhaust: rear system.
- capacity: 1.6 mm. (steel)
- stroke length: 10 mmL.
- vibration: 1.8 m/s².
- free speed: 9,500 spm.
- net weight: 0.79 kg.



CA-6524K

ANTI-VIBRATION MINI AIR BODY SAW W/FILE KIT

- exhaust: rear system.
- capacity: 1.6 mm. (steel)
- stroke length: 8 mmL.
- free speed: 7,000 spm.
- vibration: 3.35 m/s².
- net weight: 0.57 kg.
- 1pc: 18t. saw blade.
- 1pc: 24t. saw blade.
- 1pc: ø5mm flat file.



CA-6516

ANTI-VIBRATION MINI AIR BODY SAW

- exhaust: rear-360°.
- capacity: 2~3 mm. (steel)
- stroke length: 25 mmL.
- free speed: 5,000 spm.
- vibration: 3.9 m/s².
- net weight: 0.96 kg.



CA-6521

RECIPROCATING CRANK AIR BODY SAW

- motor power: 0.5 hp.
- exhaust: rear-360°.
- capacity: 6.0 mm. (steel)
- stroke length: 11 mmL.
- free speed: 5,000 spm.
- vibration: 12.96 m/s².
- net weight: 1.10 kg.



CA-6522

RECIPROCATING CRANK AIR BODY SAW

- exhaust: rear-360°.
- motor power: 0.9 hp.
- capacity: 6.0 mm. (steel)
- handle: 180° swivel.
- stroke length: 30 mmL.
- free speed: 2,500 spm.
- vibration: 11.04 m/s².
- net weight: 2.10 kg.



CA-7503

3/16" DR. AIR HYDRAULIC RIVETER

- stroke length: 16 mmL.
- traction power: 318 kg/m².
- aluminum & aluminum: ø2.0 ~ 4.8 mm.
- aluminum & steel: ø2.0 ~ 4.8 mm.
- steel & steel: ø2.0 ~ 4.8 mm.
- stainless steel & steel: ø2.0 ~ 4.8 mm.
- stainless steel & stainless steel: ø2.0 ~ 4.0 mm.



CA-7503K

3/16" DR. AIR HYDRAULIC RIVETER KIT

- 1pc-CA-7503
- 10pc-ø2.4 mm rivets.
- 10pc-ø3.2 mm rivets.
- 10pc-ø4.0 mm rivets.
- 10pc-ø4.8 mm rivets.



CA-6513K

ANTI-VIBRATION AIR BODY SAW AND FILE KIT

- 4pc-mini file.
- 5pc-18t. saw blade.
- 5pc-24t. saw blade.
- 5pc-32t. saw blade.
- 1pc-CA-6513



CA-6515

ANTI-VIBRATION MINI AIR BODY SAW

- exhaust: rear-360°.
- capacity: 2~3 mm. (steel)
- stroke length: 10 mmL.
- free speed: 9,500 spm.
- vibration: 1.8 m/s².
- net weight: 0.70 kg.



CA-6517K

AIR BODY SAW W/FILE KIT

- exhaust: rear system.
- capacity: 2~3 mm. (steel)
- stroke length: 10 mmL.
- free speed: 10,000 spm.
- vibration: 2.28 m/s².
- net weight: 0.72 kg.



CA-6523

GEAR-DRIVEN AIR BODY SAW

- exhaust: rear-360°.
- capacity: 5.0 mm. (steel)
- stroke length: 10 mmL.
- free speed: 7,000 spm.
- vibration: 18.0 m/s².
- net weight: 1.40 kg.



CA-7530

5/32" DR. AIR HYDRAULIC RIVETER

- stroke length: 17 mmL.
- traction power: 210 kg/m².
- aluminum & aluminum: ø2.0 ~ 4.8 mm.
- aluminum & steel: ø2.0 ~ 4.0 mm.
- steel & steel: ø2.0 ~ 4.0 mm.
- stainless steel & steel: ø2.0 ~ 3.2 mm.
- stainless steel & stainless steel: ø2.0 ~ 3.2 mm.



CA-7515

1/4" DR. AIR HYDRAULIC RIVETER

- stroke length: 14 mmL.
- traction power: 485 kg/m².
- aluminum & steel: ø2.0 ~ 6.4 mm.
- steel & steel: ø2.0 ~ 6.4 mm.
- stainless steel & steel: ø2.0 ~ 6.4 mm.
- stainless steel & stainless steel: ø2.0 ~ 4.8 mm.



CA-7531

1/4" DR. AIR HYDRAULIC RIVETER

- stroke length: 18 mmL.
- traction power: 580 kg/m².
- aluminum & steel: ø2.4 ~ 6.4 mm.
- steel & steel: ø2.0 ~ 6.4 mm.
- stainless steel & steel: ø2.4 ~ 6.4 mm.
- stainless steel & stainless steel: ø2.4 ~ 4.8 mm.



CA-7526

AIR HYDRAULIC RIVET NUT TOOL

- mechanism: hydraulic type.
- setting function: manual-pull-manual.
- stroke length: 5~10 mmL.
- traction power: 500 kg/m².
- capacity: M4-M5-M6-M8-M10.



CA-7538

AIR SPIN-PULL RIVET NUT TOOL

- mechanism: gear type.
- exhaust: handle system.
- setting function: spin-pull-spin.
- capacity: M3, M4, M5, M6.
- free speed: 700 rpm.
- net weight: 1.26 kg.



CA-7539

AIR SPIN-PULL RIVET NUT TOOL

- mechanism: gear type.
- exhaust: handle system.
- setting function: spin-pull-spin.
- capacity: M8, M10.
- free speed: 450 rpm.
- net weight: 1.50 kg.



CA-6017

AIR SAND BLASTER

- sand recycle function.
- nozzle: ø5 mm.
- sand not-included.
- sand storage tank: 600 c.c.



CA-6014

6PCS - AIR SAND BLASTER SET

- sand recycle function.
- 1pc-sand blaster gun.
- 1pc - sand bottle.
- 4pc-different functions nozzle.
- sand in bottle: 0.5 kg.



CA-7513

AIR ENGRAVER

- tip point: ø1.5 mm.
- free speed: 10,000 bpm.
- exhaust: front system.



CA-7514

AIR ENGRAVER

- tip point: ø1.5 mm.
- free speed: 30,000 bpm.
- exhaust: front system.



CA-6004

AIR CAULKING GUN

- body material: aluminum.
- tube size: $\varnothing 50$ mm x 210 mmL.
- capacity: 400 ml.



CA-6005

AIR CAULKING GUN

- body material: aluminum.
- tube size: $\varnothing 50$ mm x 380 mmL.
- capacity: 600 ml.



CA-6519

AIR CAULKING GUN

- body material: aluminum.
- tube size: $\varnothing 50$ mm x 210 mmL.
- capacity: 400 ml.



CA-6520

AIR CAULKING GUN

- body material: aluminum.
- tube size: $\varnothing 50$ mm x 380 mmL.
- capacity: 600 ml.



CA-6001

AIR GREASE GUN KIT

- body material: aluminum.
- working pressure: 30 ~ 100 psi.
- operation pressure: 1,200 ~ 6,000 psi.
- flexible grease hose: 230 mmL.
- grease capacity: 400 ml.



CA-6003

2-WAY AIR GREASE GUN KIT

- body material: aluminum.
- working pressure: 30 ~ 100 psi.
- operation pressure: 1,200 ~ 6,000 psi.
- flexible grease hose: 230 mmL.
- grease capacity: 400 ml.



CA-9031

AIR TYRE PRESSURE GAUGE

- jaw function: clamp type.
- hose length: 300 mmL.
- pressure gauge: $\varnothing 50$ mm.
- max. pressure: 8.44 kgf/cm².



CA-9044

3 IN 1 - AIR TYRE PRESSURE GAUGE

- 3 functions: test - inflator - exhaust.
- jaw function: clamp & push type.
- hose length: 850 mmL.
- pressure gauge: $\varnothing 89$ mm.
- max. pressure: 14.0 kgf/cm².



CA-6006

AIR CLEAN AND COOLING GUN

- body material: aluminum.
- tank material: steel.
- capacity: 1,000 c.c.



CA-6007

AIR CLEAN AND COOLING GUN

- body material: aluminum.
- fluid tube: 190 mmL. x $\varnothing 9$ mm.
- inlet thread: 8 t. x $\varnothing 1$ ".
- adaptor: 40mm. (dia.)



CA-6008

AIR TWIST CLEANING GUN

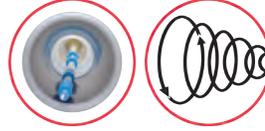
- body material: composite.
- rotatable ball brush tube.
- tank material: PE plastic.
- capacity: 1,900 c.c.



CA-6009

AIR TWIST CLEANING GUN

- body material: aluminum.
- rotatable tube: nylon + fiberglass.
- tank material: PE plastic.
- capacity: 1,000 c.c.



CA-6010

AIR TWIST CLEANING GUN

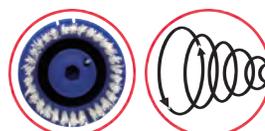
- body material: aluminum.
- rotatable ball brush tube.
- tank material: PE plastic.
- capacity: 1,000 c.c.



CA-6022

AIR TWIST CLEANING GUN

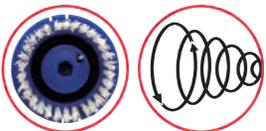
- body material: aluminum.
- rotatable ball brush tube.
- tank material: PE plastic.
- capacity: 1,000 c.c.



CA-6028

2 IN 1 AIR CLEANING & BLOW SUCTION GUN SET

- body material: aluminum.
- rotatable ball brush tube.
- adaptor: 35,37,40,45mm. (id)
- tank material: PE plastic.
- capacity: 1,000 c.c.



CA-6023

AIR FOAM GUN

- body material: aluminum.
- tank material: PE plastic.
- capacity: 1,000 c.c.



CA-6021

AIR CLEAN AND COOLING GUN

- body material: plastic.
- tank material: PE plastic.
- tube length: 35 / 245 mmL.
- capacity: 700 c.c.



CA-6032

PALM-SHAPED AIR TWIST BLOW GUN

- body material: nylon + fiberglass and aluminum.
- minimum input pressure: 4.0 kg/cm².
- maximum working pressure: 7.0 kg/cm².
- air consumption: 2.8 cfm > 80 L/M.
- inlet material: metal.



AIR BLOW GUN

- | | |
|----------|-----------------------|
| CA-9001A | tube length: 100 mmL. |
| CA-9001B | tube length: 250 mmL. |
| CA-9001C | tube length: 600 mmL. |

- body material: aluminum.
- tube material: steel.
- inlet thread: metal



AIR BLOW GUN

- | | |
|----------|-----------------------|
| CA-9002A | tube length: 25 mmL. |
| CA-9002B | tube length: 50 mmL. |
| CA-9002C | tube length: 100 mmL. |

- body material: aluminum.
- tube material: steel.
- inlet thread: metal



LONG NOSE AIR BLOW GUN

- CA-9003A tube length: 100 mmL.
- CA-9003B tube length: 250 mmL.
- CA-9003D tube length: 500 mmL.
- body material: nylon.
- tube material: steel.
- inlet thread: metal



CA-9033A

ADJUSTABLE POCKET AIR BLOW GUN - europe type

- nozzle material: rubber.
- body material: aluminum.
- overall length: 135 mmL.



CA-9033B

ADJUSTABLE POCKET AIR BLOW GUN - american type

- nozzle material: rubber.
- body material: aluminum.
- overall length: 135 mmL.



CG-1002A

RECHARGEABLE AEROSOL SPRAY GUN

- type of feed: suction type.
- green insert: coarse spray button.
- black insert: medium spray button.
- little blue insert: fine spray button.
- short extension tube with jet button.
- air pressure: up to 13.80 bar.
- capacity of tank: 600 ml.



CG-4014A

AIR SPRAY GUN

- fluid tip size: \varnothing 1.4 mm.
- air pressure: 4.0 bar.
- fluid inlet: M16 x 1.5 mm.
- air inlet: 1/4".
- air consumption: 288 l/min.
- capacity of cup: 600 ml.
- optional nozzle size: \varnothing 1.2-1.3-1.4-1.7-2.0-2.5 mm.



CG-5014A

H. V. L. P. AIR SPRAY GUN

- fluid tip size: \varnothing 1.4 mm.
- air pressure: 3.5 ~ 5.0 bar.
- fluid inlet: 3/8".
- air inlet: 1/4".
- air consumption: 250 ~ 320 l/min.
- capacity of cup: 600 ml.
- optional nozzle size: \varnothing 1.0-1.4-1.6-1.8 mm.



CA-9012

AIR EXTENDED BLOW GUN

- body material: nylon.
- tube material: steel.
- tube extended length: 265~390 mmL.
- tube swivel 360°.
- inlet thread: metal



CA-9014

AIR BLOW GUN WITH REGULATOR

- nozzle material: rubber.
- body material: nylon + fiberglass.
- tube material: steel.
- tube length: 115 mmL.
- inlet thread: metal



CG-2016B

AIR SPRAY GUN

- fluid tip size: \varnothing 1.6 mm.
- air pressure: 3.5 ~ 5 bar.
- fluid inlet: 3/8".
- air inlet: 1/4".
- air consumption: 280 ~ 360 l/min.
- capacity of cup: 1,000 ml.
- optional nozzle size: \varnothing 1.0-1.5-1.6-1.8-2.0-2.5-3.0-3.5 mm.



CG-3010G

H. V. L. P. AIR SPRAY GUN

- fluid tip size: \varnothing 1.0 mm.
- air pressure: 3.5 ~ 5 bar.
- fluid inlet: 3/8".
- air inlet: 1/4".
- air consumption: 310 ~ 370 l/min.
- capacity of cup: 1,000 ml.
- optional nozzle size: \varnothing 0.8-1.0-1.4-1.6-1.8 mm.



CG-3022A

H. V. L. P. AIR SPRAY GUN

- fluid tip size: \varnothing 2.2 mm.
- air pressure: 3.5 ~ 5 bar.
- fluid inlet: 3/8".
- air inlet: 1/4".
- air consumption: 310 ~ 370 l/min.
- capacity of cup: 1,000 ml.
- optional nozzle size: \varnothing 1.3-1.5-1.7-1.9-2.2 mm.



CG-5014D

H. V. L. P. AIR SPRAY GUN - water-borne

- body material: PPS water-borne material.
- fluid tip size: $\varnothing 1.4$ mm.
- air pressure: 3.0 bar.
- fluid inlet: M16 x 1.5 mm.
- air inlet: 1/4".
- air consumption: 250 ~ 320 l/min.
- capacity of cup: 600 ml.
- optional nozzle size: $\varnothing 1.4-1.7-2.0-2.5$ mm.



CG-6016A

MIDDLE-PRESSURE AIR SPRAY GUN

- fluid tip size: $\varnothing 1.6$ mm.
- air pressure: 2.5 bar.
- fluid inlet: 3/8".
- air inlet: 1/4".
- air consumption: 280 l/min.
- capacity of cup: 1,000 ml.
- optional nozzle size: $\varnothing 1.0-1.3-1.4-1.6-1.8-2.0-2.5$ mm.



AIR CLEAN CONTROL UNIT

CA-9007A	1/4" dr.	max. output: 9.8 bar.
CA-9007B	3/8" dr.	max. output: 9.8 bar.
CA-9007C	1/2" dr.	max. output: 9.8 bar.
CA-9007D	3/4" dr.	max. output: 10 bar.
CA-9007E	1" dr.	max. output: 10 bar.



AIR CLEAN CONTROL UNIT

CA-9008A	1/4" dr.	max. output: 9.8 bar.
CA-9008B	3/8" dr.	max. output: 9.8 bar.
CA-9008C	1/2" dr.	max. output: 9.8 bar.
CA-9008D	3/4" dr.	max. output: 10 bar.
CA-9008E	1" dr.	max. output: 10 bar.



AIR FILTER UNIT

CA-9007FA	1/4" dr.	filter element: 0.02 mm.
CA-9007FB	3/8" dr.	filter element: 0.02 mm.
CA-9007FC	1/2" dr.	filter element: 0.02 mm.
CA-9007FD	3/4" dr.	filter element: 0.005 mm.
CA-9007FE	1" dr.	filter element: 0.005 mm.



AIR LUBRICATOR UNIT

CA-9007LA	1/4" dr.	oil capacity: 125 ml.
CA-9007LB	3/8" dr.	oil capacity: 125 ml.
CA-9007LC	1/2" dr.	oil capacity: 125 ml.
CA-9007LD	3/4" dr.	oil capacity: 350 ml.
CA-9007LE	1" dr.	oil capacity: 350 ml.



AIR REGULATOR UNIT

CA-9007RA	1/4" dr.	max. output: 9.8 bar.
CA-9007RB	3/8" dr.	max. output: 9.8 bar.
CA-9007RC	1/2" dr.	max. output: 9.8 bar.
CA-9007RD	3/4" dr.	max. output: 10.0 bar.
CA-9007RE	1" dr.	max. output: 10.0 bar.



Size (s.d.)	1/4"	3/8"	1/2"	3/4"	1"
Description					
Filter Element (m/m)	0.02	0.02	0.02	0.005	0.005
Max. Input (bar)	14	14	14	17	17
Max. Output (bar)	9.8	9.8	9.8	10	10
Operating Temp. (°C)	5 ~ 60	5 ~ 60	5 ~ 60	5 ~ 60	5 ~ 60
Drain Capacity (ml)	80	80	80	350	350
Oil Capacity (ml)	125	125	125	350	350
Max. Flow (min)	1750	1950	2200	4600	5200

PU BRAID - STRAIGHT AIR HOSE

CA-8512A	hose length: 10 mL.
CA-8512B	hose length: 15 mL.
CA-8512C	hose length: 20 mL.
CA-8512D	hose length: 50 mL.
CA-8512E	hose length: 100 mL.

- hose size: $\varnothing 5$ mm x $\varnothing 8$ mm.
- max. pressure: 200 psi.

CA-8505A	hose length: 10 mL.
CA-8505B	hose length: 15 mL.
CA-8505C	hose length: 20 mL.
CA-8505D	hose length: 50 mL.
CA-8505E	hose length: 100 mL.

- hose size: $\varnothing 6.5$ mm x $\varnothing 10$ mm.
- max. pressure: 200 psi.

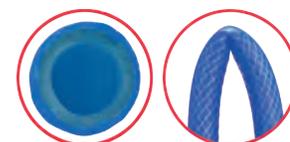


CA-8511A	hose length: 10 mL.
CA-8511B	hose length: 15 mL.
CA-8511C	hose length: 20 mL.
CA-8511D	hose length: 50 mL.
CA-8511E	hose length: 100 mL.

- hose size: $\varnothing 8$ mm x $\varnothing 12$ mm.
- max. pressure: 200 psi.

CA-8515A	hose length: 10 mL.
CA-8515B	hose length: 15 mL.
CA-8515C	hose length: 20 mL.
CA-8515D	hose length: 50 mL.
CA-8515E	hose length: 100 mL.

- hose size: $\varnothing 10$ mm x $\varnothing 14$ mm.
- max. pressure: 200 psi.



PU BRAID - RECOIL AIR HOSE

CA-8506CA	hose length: 5 mL.
CA-8506CB	hose length: 10 mL.
CA-8506CC	hose length: 15 mL.

- hose size: $\varnothing 5$ mm x $\varnothing 8$ mm.
- max. pressure: 200 psi.

CA-8506AA	hose length: 5 mL.
CA-8506AB	hose length: 10 mL.
CA-8506AC	hose length: 15 mL.

- hose size: $\varnothing 6.5$ mm x $\varnothing 10$ mm.
- max. pressure: 200 psi.

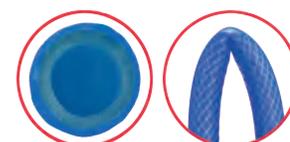


CA-8506BA	hose length: 5 mL.
CA-8506BB	hose length: 10 mL.
CA-8506BC	hose length: 15 mL.

- hose size: $\varnothing 8$ mm x $\varnothing 12$ mm.
- max. pressure: 200 psi.

CA-8506DA	hose length: 5 mL.
CA-8506DB	hose length: 10 mL.
CA-8506DC	hose length: 15 mL.

- hose size: $\varnothing 10$ mm x $\varnothing 14$ mm.
- max. pressure: 200 psi.



PVC FLEXIBLE REINFORCED AIR HOSE

CA-8516A	hose length: 10 mL.
CA-8516B	hose length: 15 mL.
CA-8516C	hose length: 20 mL.
CA-8516D	hose length: 30 mL.

- hose size: $\varnothing 6.5$ mm x $\varnothing 10.7$ mm.
- max. pressure: 300 psi.
- working temp.: - 40 ~ +65°C.

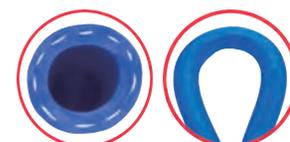
CA-8517A	hose length: 10 mL.
CA-8517B	hose length: 15 mL.
CA-8517C	hose length: 20 mL.
CA-8517D	hose length: 30 mL.

- hose size: $\varnothing 8.0$ mm x $\varnothing 12.5$ mm.
- max. pressure: 300 psi.
- working temp.: - 40 ~ +65°C.



CA-8518A	hose length: 10 mL.
CA-8518B	hose length: 15 mL.
CA-8518C	hose length: 20 mL.
CA-8518D	hose length: 30 mL.

- hose size: $\varnothing 10$ mm x $\varnothing 15$ mm.
- max. pressure: 300 psi.
- working temp.: - 40 ~ +65°C.



PVC FLEXIBLE REINFORCED AIR HOSE

CA-8519A	hose length: 50 mL.
CA-8519B	hose length: 100 mL.

- hose size: $\varnothing 6.5$ mm x $\varnothing 10.7$ mm.
- max. pressure: 300 psi.
- working temp.: - 40 ~ +65°C.

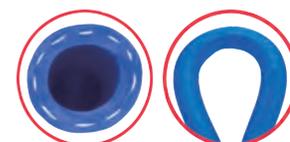
CA-8520A	hose length: 50 mL.
CA-8520B	hose length: 100 mL.

- hose size: $\varnothing 8.0$ mm x $\varnothing 12.5$ mm.
- max. pressure: 300 psi.
- working temp.: - 40 ~ +65°C.



CA-8521A	hose length: 50 mL.
CA-8521B	hose length: 100 mL.

- hose size: $\varnothing 10$ mm x $\varnothing 15$ mm.
- max. pressure: 300 psi.
- working temp.: - 40 ~ +65°C.

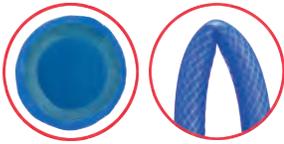


PU BRAID - AIR HOSE REEL

CA-8503C hose size: $\varnothing 6.5 \times \varnothing 10 \text{ mm} \times 10 \text{ mL}$.

CA-8503D hose size: $\varnothing 8 \times \varnothing 12 \text{ mm} \times 15 \text{ mL}$.

- housing material: steel.
- max. pressure: 200 psi.



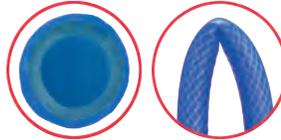
PU BRAID - AIR HOSE REEL

CA-8513A hose size: $\varnothing 5 \times \varnothing 8 \text{ mm} \times 10 \text{ mL}$.

CA-8513B hose size: $\varnothing 6.5 \times \varnothing 10 \text{ mm} \times 10 \text{ mL}$.

CA-8513C hose size: $\varnothing 8 \times \varnothing 12 \text{ mm} \times 8 \text{ mL}$.

- housing material: plastic.
- max. pressure: 200 psi.



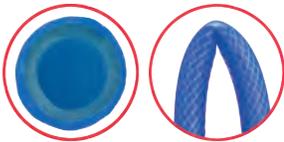
PU BRAID - AIR HOSE REEL

CA-8514A hose size: $\varnothing 6.5 \times \varnothing 10 \text{ mm} \times 15 \text{ mL}$.

CA-8514B hose size: $\varnothing 8 \times \varnothing 12 \text{ mm} \times 15 \text{ mL}$.

CA-8514C hose size: $\varnothing 9.5 \times \varnothing 13.5 \text{ mm} \times 12 \text{ mL}$.

- housing material: steel.
- max. pressure: 200 psi.



AIR HOSE REEL W/HAND CRANK

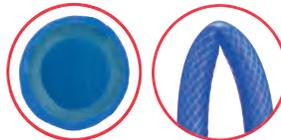
CA-8502A hose size: $\varnothing 6.5 \times \varnothing 10 \text{ mm} \times 30 \text{ mL}$.

CA-8502B hose size: $\varnothing 8 \times \varnothing 12 \text{ mm} \times 30 \text{ mL}$.

CA-8502C hose size: $\varnothing 9.5 \times \varnothing 13.5 \text{ mm} \times 30 \text{ mL}$.

CA-8502D hose size: $\varnothing 10 \times \varnothing 14 \text{ mm} \times 20 \text{ mL}$.

- hose material: pu braid.
- max. pressure: 200 psi.
- designed with rotary base.



SPRING BALANCER

CA-9006A capacity: 0.6 ~ 1.5 kg.

CA-9006B capacity: 1.0 ~ 2.2 kg.

- body material: iron steel.
- wire length: 140 cmL.
- rope diameter: $\varnothing 2.5 \text{ mm}$.
- wire material: steel cable.



SPRING BALANCER

CA-9006C capacity: 1.5 ~ 3.0 kg.

CA-9006D capacity: 3.0 ~ 5.0 kg.

- body material: iron steel.
- wire length: 140 cmL.
- rope diameter: $\varnothing 3.2 \text{ mm}$.
- wire material: steel cable.



SPRING BALANCER

CA-9006E capacity: 5.0 ~ 7.0 kg.

CA-9006F capacity: 5.0 ~ 9.0 kg.

CA-9006G capacity: 9.0 ~ 15 kg.

- body material: iron steel.
- hang hook: 360° swivel.
- wire length.: 130 cm.
- wire material: steel cable.



SPRING BALANCER

CA-9006H capacity: 15 ~ 22 kg.

CA-9006J capacity: 22 ~ 30 kg.

CA-9006K capacity: 30 ~ 40 kg.

CA-9006L capacity: 40 ~ 50 kg.

CA-9006M capacity: 50 ~ 60 kg.

- body material: iron steel.
- hang hook: 360° swivel.
- wire length.: 150 cm.
- wire material: steel cable.



PU AIR HOSE BALANCER

CA-9055A capacity: 0.5 ~ 1.5 kg.

CA-9055B capacity: 1.5 ~ 3.0 kg.

CA-9055C capacity: 3.0 ~ 5.0 kg.

- body material: plastic.
- hang hook: 360° swivel.
- hose length: 140 cm.
- pu hose size: $\varnothing 6.5 \text{ mm} \times \varnothing 10 \text{ mm}$.



PU AIR HOSE BALANCER

CA-9056A capacity: 0.5 ~ 1.5 kg.

CA-9056B capacity: 1.5 ~ 2.5 kg.

CA-9056C capacity: 2.5 ~ 3.5 kg.

CA-9056D capacity: 3.5 ~ 5.0 kg.

CA-9056E capacity: 5.0 ~ 6.5 kg.

- body material: plastic.
- hang hook: 360° swivel.
- hose length: 130 cm.
- pu hose size: $\varnothing 8 \text{ mm} \times \varnothing 12 \text{ mm}$.



1/4" DR. IMPACT SOCKET - 6PT.

RS-020030: 3x23 mmL.	RS-020055: 5.5x23 mmL.	RS-020100: 10x23 mmL.	RS-020150: 15x23 mmL.
RS-020035: 3.5x23 mmL.	RS-020060: 6x23 mmL.	RS-020110: 11x23 mmL.	
RS-020040: 4x23 mmL.	RS-020070: 7x23 mmL.	RS-020120: 12x23 mmL.	
RS-020045: 4.5x23 mmL.	RS-020080: 8x23 mmL.	RS-020130: 13x23 mmL.	
RS-020050: 5x23 mmL.	RS-020090: 9x23 mmL.	RS-020140: 14x23 mmL.	



3/8" DR. IMPACT SOCKET - 6PT.

RS-030060: 6x32 mmL.	RS-030120: 12x32 mmL.	RS-030180: 18x32 mmL.	RS-030230: 23x32 mmL.
RS-030070: 7x32 mmL.	RS-030130: 13x32 mmL.	RS-030190: 19x32 mmL.	RS-030240: 24x32 mmL.
RS-030080: 8x32 mmL.	RS-030140: 14x32 mmL.	RS-030200: 20x32 mmL.	
RS-030090: 9x32 mmL.	RS-030150: 15x32 mmL.	RS-030210: 21x32 mmL.	
RS-030100: 10x32 mmL.	RS-030160: 16x32 mmL.	RS-030220: 22x32 mmL.	
RS-030110: 11x32 mmL.	RS-030170: 17x32 mmL.		



1/2" DR. IMPACT SOCKET - 6PT.

RS-040080: 8x38 mmL.	RS-040180: 18x38 mmL.	RS-040280: 28x48 mmL.	RS-040390: 39x48 mmL.
RS-040090: 9x38 mmL.	RS-040190: 19x38 mmL.	RS-040290: 29x48 mmL.	RS-040410: 41x48 mmL.
RS-040100: 10x38 mmL.	RS-040200: 20x38 mmL.	RS-040300: 30x48 mmL.	RS-040460: 46x48 mmL.
RS-040110: 11x38 mmL.	RS-040210: 21x38 mmL.	RS-040310: 31x48 mmL.	RS-040520: 52x68 mmL.
RS-040120: 12x38 mmL.	RS-040220: 22x38 mmL.	RS-040320: 32x48 mmL.	
RS-040130: 13x38 mmL.	RS-040230: 23x38 mmL.	RS-040330: 33x48 mmL.	
RS-040140: 14x38 mmL.	RS-040240: 24x38 mmL.	RS-040340: 34x48 mmL.	
RS-040150: 15x38 mmL.	RS-040250: 25x43 mmL.	RS-040350: 35x48 mmL.	
RS-040160: 16x38 mmL.	RS-040260: 26x43 mmL.	RS-040360: 36x48 mmL.	
RS-040170: 17x38 mmL.	RS-040270: 27x43 mmL.	RS-040380: 38x48 mmL.	



3/4" DR. IMPACT SOCKET - 6PT.

RS-060170: 17x50 mmL.	RS-060310: 31x53 mmL.	RS-060450: 45x62 mmL.	RS-060590: 59x75 mmL.
RS-060180: 18x50 mmL.	RS-060320: 32x53 mmL.	RS-060460: 46x62 mmL.	RS-060600: 60x75 mmL.
RS-060190: 19x50 mmL.	RS-060330: 33x57 mmL.	RS-060470: 47x67 mmL.	RS-060630: 63x75 mmL.
RS-060200: 20x50 mmL.	RS-060340: 34x57 mmL.	RS-060480: 48x67 mmL.	RS-060650: 65x78 mmL.
RS-060210: 21x50 mmL.	RS-060350: 35x57 mmL.	RS-060490: 49x69 mmL.	RS-060670: 67x80 mmL.
RS-060220: 22x50 mmL.	RS-060360: 36x57 mmL.	RS-060500: 50x72 mmL.	RS-060700: 70x83 mmL.
RS-060230: 23x50 mmL.	RS-060370: 37x57 mmL.	RS-060510: 51x72 mmL.	
RS-060240: 24x50 mmL.	RS-060380: 38x57 mmL.	RS-060520: 52x72 mmL.	
RS-060250: 25x50 mmL.	RS-060390: 39x57 mmL.	RS-060530: 53x72 mmL.	
RS-060260: 26x50 mmL.	RS-060400: 40x57 mmL.	RS-060540: 54x72 mmL.	
RS-060270: 27x53 mmL.	RS-060410: 41x57 mmL.	RS-060550: 55x74 mmL.	
RS-060280: 28x53 mmL.	RS-060420: 42x57 mmL.	RS-060560: 56x74 mmL.	
RS-060290: 29x53 mmL.	RS-060430: 43x62 mmL.	RS-060570: 57x74 mmL.	
RS-060300: 30x53 mmL.	RS-060440: 44x62 mmL.	RS-060580: 58x75 mmL.	



1" DR. IMPACT SOCKET - 6PT.

RS-080160: 16x58 mmL.	RS-080360: 36x65 mmL.	RS-080560: 56x85 mmL.	RS-080920: 92x107 mmL.
RS-080170: 17x58 mmL.	RS-080370: 37x65 mmL.	RS-080570: 57x85 mmL.	RS-080950: 95x107 mmL.
RS-080180: 18x58 mmL.	RS-080380: 38x65 mmL.	RS-080580: 58x85 mmL.	RS-081000: 100x112 mmL.
RS-080190: 19x58 mmL.	RS-080390: 39x65 mmL.	RS-080590: 59x85 mmL.	RS-081050: 105x115 mmL.
RS-080200: 20x58 mmL.	RS-080400: 40x65 mmL.	RS-080600: 60x89 mmL.	RS-081100: 110x115 mmL.
RS-080210: 21x58 mmL.	RS-080410: 41x65 mmL.	RS-080620: 62x89 mmL.	RS-081150: 115x115 mmL.
RS-080220: 22x58 mmL.	RS-080420: 42x68 mmL.	RS-080630: 63x89 mmL.	
RS-080230: 23x58 mmL.	RS-080430: 43x68 mmL.	RS-080640: 64x93 mmL.	
RS-080240: 24x58 mmL.	RS-080440: 44x68 mmL.	RS-080650: 65x93 mmL.	
RS-080250: 25x58 mmL.	RS-080450: 45x68 mmL.	RS-080670: 67x93 mmL.	
RS-080260: 26x58 mmL.	RS-080460: 46x74 mmL.	RS-080680: 68x93 mmL.	
RS-080270: 27x58 mmL.	RS-080470: 47x74 mmL.	RS-080700: 70x98 mmL.	
RS-080280: 28x58 mmL.	RS-080480: 48x74 mmL.	RS-080730: 73x98 mmL.	
RS-080290: 29x60 mmL.	RS-080490: 49x74 mmL.	RS-080750: 75x100 mmL.	
RS-080300: 30x60 mmL.	RS-080500: 50x74 mmL.	RS-080760: 76x100 mmL.	
RS-080310: 31x60 mmL.	RS-080510: 51x80 mmL.	RS-080780: 78x100 mmL.	
RS-080320: 32x61 mmL.	RS-080520: 52x80 mmL.	RS-080800: 80x100 mmL.	
RS-080330: 33x61 mmL.	RS-080530: 53x80 mmL.	RS-080850: 85x102 mmL.	
RS-080340: 34x61 mmL.	RS-080540: 54x80 mmL.	RS-080890: 89x107 mmL.	
RS-080350: 35x61 mmL.	RS-080550: 55x85 mmL.	RS-080900: 90x107 mmL.	



1/4" DR. IMPACT DEEP SOCKET - 6PT.

DS-020040: 4x50 mmL.	DS-020070: 7x50 mmL.	DS-020120: 12x50 mmL.
DS-020045: 4.5x50 mmL.	DS-020080: 8x50 mmL.	DS-020130: 13x50 mmL.
DS-020050: 5x50 mmL.	DS-020090: 9x50 mmL.	DS-020140: 14x50 mmL.
DS-020055: 5.5x50 mmL.	DS-020100: 10x50 mmL.	DS-020150: 15x50 mmL.
DS-020060: 6x50 mmL.	DS-020110: 11x50 mmL.	

**3/8" DR. IMPACT DEEP SOCKET - 6PT.**

DS-030060: 6x63 mmL.	DS-030110: 11x63 mmL.	DS-030160: 16x63 mmL.	DS-030210: 21x63 mmL.
DS-030070: 7x63 mmL.	DS-030120: 12x63 mmL.	DS-030170: 17x63 mmL.	DS-030220: 22x63 mmL.
DS-030080: 8x63 mmL.	DS-030130: 13x63 mmL.	DS-030180: 18x63 mmL.	
DS-030090: 9x63 mmL.	DS-030140: 14x63 mmL.	DS-030190: 19x63 mmL.	
DS-030100: 10x63 mmL.	DS-030150: 15x63 mmL.	DS-030200: 20x63 mmL.	

**1/2" DR. IMPACT DEEP SOCKET - 6PT.**

DS-040080: 8x78 mmL.	DS-040180: 18x78 mmL.	DS-040280: 28x78 mmL.	DS-040390: 39x78 mmL.
DS-040090: 9x78 mmL.	DS-040190: 19x78 mmL.	DS-040290: 29x78 mmL.	DS-040400: 40x78 mmL.
DS-040100: 10x78 mmL.	DS-040200: 20x78 mmL.	DS-040300: 30x78 mmL.	DS-040410: 41x78 mmL.
DS-040110: 11x78 mmL.	DS-040210: 21x78 mmL.	DS-040310: 31x78 mmL.	DS-040460: 46x78 mmL.
DS-040120: 12x78 mmL.	DS-040220: 22x78 mmL.	DS-040320: 32x78 mmL.	
DS-040130: 13x78 mmL.	DS-040230: 23x78 mmL.	DS-040330: 33x78 mmL.	
DS-040140: 14x78 mmL.	DS-040240: 24x78 mmL.	DS-040340: 34x78 mmL.	
DS-040150: 15x78 mmL.	DS-040250: 25x78 mmL.	DS-040350: 35x78 mmL.	
DS-040160: 16x78 mmL.	DS-040260: 26x78 mmL.	DS-040360: 36x78 mmL.	
DS-040170: 17x78 mmL.	DS-040270: 27x78 mmL.	DS-040380: 38x78 mmL.	

**3/4" DR. IMPACT DEEP SOCKET - 6PT.**

DS-060170: 17x90 mmL.	DS-060280: 28x90 mmL.	DS-060390: 39x90 mmL.	DS-060500: 50x90 mmL.
DS-060180: 18x90 mmL.	DS-060290: 29x90 mmL.	DS-060400: 40x90 mmL.	DS-060520: 52x90 mmL.
DS-060190: 19x90 mmL.	DS-060300: 30x90 mmL.	DS-060410: 41x90 mmL.	DS-060550: 55x90 mmL.
DS-060200: 20x90 mmL.	DS-060310: 31x90 mmL.	DS-060420: 42x90 mmL.	DS-060600: 60x90 mmL.
DS-060210: 21x90 mmL.	DS-060320: 32x90 mmL.	DS-060430: 43x90 mmL.	DS-060650: 65x105 mmL.
DS-060220: 22x90 mmL.	DS-060330: 33x90 mmL.	DS-060440: 44x90 mmL.	
DS-060230: 23x90 mmL.	DS-060340: 34x90 mmL.	DS-060450: 45x90 mmL.	
DS-060240: 24x90 mmL.	DS-060350: 35x90 mmL.	DS-060460: 46x90 mmL.	
DS-060250: 25x90 mmL.	DS-060360: 36x90 mmL.	DS-060470: 47x90 mmL.	
DS-060260: 26x90 mmL.	DS-060370: 37x90 mmL.	DS-060480: 48x90 mmL.	
DS-060270: 27x90 mmL.	DS-060380: 38x90 mmL.	DS-060490: 49x90 mmL.	

**1" DR. IMPACT DEEP SOCKET - 6PT.**

DS-080160: 16x90 mmL.	DS-080340: 34x90 mmL.	DS-080510: 51x100 mmL.	DS-080750: 75x125 mmL.
DS-080170: 17x90 mmL.	DS-080350: 35x90 mmL.	DS-080520: 52x100 mmL.	DS-080760: 76x125 mmL.
DS-080180: 18x90 mmL.	DS-080360: 36x90 mmL.	DS-080530: 53x100 mmL.	DS-080770: 77x125 mmL.
DS-080190: 19x90 mmL.	DS-080370: 37x90 mmL.	DS-080540: 54x100 mmL.	DS-080780: 78x125 mmL.
DS-080210: 21x90 mmL.	DS-080380: 38x90 mmL.	DS-080550: 55x100 mmL.	DS-080800: 80x125 mmL.
DS-080220: 22x90 mmL.	DS-080390: 39x90 mmL.	DS-080560: 56x105 mmL.	DS-080850: 85x135 mmL.
DS-080230: 23x90 mmL.	DS-080400: 40x90 mmL.	DS-080570: 57x105 mmL.	DS-080900: 90x135 mmL.
DS-080240: 24x90 mmL.	DS-080410: 41x90 mmL.	DS-080580: 58x105 mmL.	DS-080950: 95x140 mmL.
DS-080250: 25x90 mmL.	DS-080420: 42x90 mmL.	DS-080590: 59x105 mmL.	DS-081000: 100x140 mmL.
DS-080260: 26x90 mmL.	DS-080430: 43x90 mmL.	DS-080600: 60x120 mmL.	DS-081050: 105x155 mmL.
DS-080270: 27x90 mmL.	DS-080440: 44x90 mmL.	DS-080620: 62x120 mmL.	DS-081100: 110x155 mmL.
DS-080280: 28x90 mmL.	DS-080450: 45x90 mmL.	DS-080630: 63x120 mmL.	DS-081150: 115x155 mmL.
DS-080290: 29x90 mmL.	DS-080460: 46x100 mmL.	DS-080640: 64x120 mmL.	
DS-080300: 30x90 mmL.	DS-080470: 47x100 mmL.	DS-080650: 65x120 mmL.	
DS-080310: 31x90 mmL.	DS-080480: 48x100 mmL.	DS-080670: 67x120 mmL.	
DS-080320: 32x90 mmL.	DS-080490: 49x100 mmL.	DS-080680: 68x120 mmL.	
DS-080330: 33x90 mmL.	DS-080500: 50x100 mmL.	DS-080700: 70x125 mmL.	



1/2" DR. IMPACT DEEP SOCKET - 12PT.

DT-040060: 6x78 mmL.	DT-040200: 20x78 mmL.	DT-040340: 34x78 mmL.	DT-040490: 49x78 mmL.
DT-040070: 7x78 mmL.	DT-040210: 21x78 mmL.	DT-040350: 35x78 mmL.	DT-040500: 50x78 mmL.
DT-040080: 8x78 mmL.	DT-040220: 22x78 mmL.	DT-040360: 36x78 mmL.	DT-040510: 51x78 mmL.
DT-040090: 9x78 mmL.	DT-040230: 23x78 mmL.	DT-040380: 38x78 mmL.	DT-040520: 52x78 mmL.
DT-040100: 10x78 mmL.	DT-040240: 24x78 mmL.	DT-040390: 39x78 mmL.	DT-040530: 53x78 mmL.
DT-040110: 11x78 mmL.	DT-040250: 25x78 mmL.	DT-040400: 40x78 mmL.	DT-040540: 54x78 mmL.
DT-040120: 12x78 mmL.	DT-040260: 26x78 mmL.	DT-040410: 41x78 mmL.	DT-040550: 55x78 mmL.
DT-040130: 13x78 mmL.	DT-040270: 27x78 mmL.	DT-040420: 42x78 mmL.	DT-040560: 56x78 mmL.
DT-040140: 14x78 mmL.	DT-040280: 28x78 mmL.	DT-040430: 43x78 mmL.	DT-040570: 57x78 mmL.
DT-040150: 15x78 mmL.	DT-040290: 29x78 mmL.	DT-040440: 44x78 mmL.	DT-040580: 58x78 mmL.
DT-040160: 16x78 mmL.	DT-040300: 30x78 mmL.	DT-040450: 45x78 mmL.	
DT-040170: 17x78 mmL.	DT-040310: 31x78 mmL.	DT-040460: 46x78 mmL.	
DT-040180: 18x78 mmL.	DT-040320: 32x78 mmL.	DT-040470: 47x78 mmL.	
DT-040190: 19x78 mmL.	DT-040330: 33x78 mmL.	DT-040480: 48x78 mmL.	



3/4" DR. IMPACT DEEP SOCKET - 12PT.

DT-060130: 13x85 mmL.	DT-060240: 24x85 mmL.	DT-060350: 35x85 mmL.
DT-060140: 14x85 mmL.	DT-060250: 25x85 mmL.	DT-060360: 36x85 mmL.
DT-060150: 15x85 mmL.	DT-060260: 26x85 mmL.	DT-060370: 37x85 mmL.
DT-060160: 16x85 mmL.	DT-060270: 27x85 mmL.	DT-060380: 38x85 mmL.
DT-060170: 17x85 mmL.	DT-060280: 28x85 mmL.	DT-060390: 39x85 mmL.
DT-060180: 18x85 mmL.	DT-060290: 29x85 mmL.	DT-060400: 40x85 mmL.
DT-060190: 19x85 mmL.	DT-060300: 30x85 mmL.	DT-060410: 41x85 mmL.
DT-060200: 20x85 mmL.	DT-060310: 31x85 mmL.	DT-060420: 42x85 mmL.
DT-060210: 21x85 mmL.	DT-060320: 32x85 mmL.	DT-060430: 43x85 mmL.
DT-060220: 22x85 mmL.	DT-060330: 33x85 mmL.	DT-060440: 44x85 mmL.
DT-060230: 23x85 mmL.	DT-060340: 34x85 mmL.	DT-060450: 45x85 mmL.



1/4" DR. HEXAGON IMPACT SOCKET BIT

HS-020020: 2x35 mmL.	HS-020050: 5x35 mmL.	HS-020090: 9x35 mmL.
HS-020025: 2.5x35 mmL.	HS-020060: 6x35 mmL.	HS-020100: 10x35 mmL.
HS-020030: 3x35 mmL.	HS-020070: 7x35 mmL.	
HS-020040: 4x35 mmL.	HS-020080: 8x35 mmL.	



3/8" DR. HEXAGON IMPACT SOCKET BIT

HS-030030: 3x52 mmL.	HS-030090: 9x60 mmL.	HS-030150: 15x60 mmL.
HS-030040: 4x52 mmL.	HS-030100: 10x60 mmL.	HS-030160: 16x60 mmL.
HS-030050: 5x52 mmL.	HS-030110: 11x60 mmL.	HS-030170: 17x60 mmL.
HS-030060: 6x52 mmL.	HS-030120: 12x60 mmL.	HS-030180: 18x60 mmL.
HS-030070: 7x60 mmL.	HS-030130: 13x60 mmL.	HS-030190: 19x60 mmL.
HS-030080: 8x60 mmL.	HS-030140: 14x60 mmL.	



1/2" DR. HEXAGON IMPACT SOCKET BIT

HS-040030: 3x60 mmL.	HS-040150: 15x60 mmL.	HS-040081: 8x78 mmL.	HS-040201: 20x78 mmL.
HS-040040: 4x60 mmL.	HS-040160: 16x60 mmL.	HS-040091: 9x78 mmL.	HS-040211: 21x78 mmL.
HS-040050: 5x60 mmL.	HS-040190: 19x60 mmL.	HS-040101: 10x78 mmL.	HS-040221: 22x78 mmL.
HS-040060: 6x60 mmL.	HS-040170: 17x60 mmL.	HS-040111: 11x78 mmL.	HS-040241: 24x78 mmL.
HS-040070: 7x60 mmL.	HS-040180: 18x60 mmL.	HS-040121: 12x78 mmL.	
HS-040080: 8x60 mmL.	HS-040200: 20x60 mmL.	HS-040131: 13x78 mmL.	
HS-040090: 9x60 mmL.	HS-040210: 21x60 mmL.	HS-040141: 14x78 mmL.	
HS-040100: 10x60 mmL.	HS-040031: 3x78 mmL.	HS-040151: 15x78 mmL.	
HS-040110: 11x60 mmL.	HS-040041: 4x78 mmL.	HS-040161: 16x78 mmL.	
HS-040120: 12x60 mmL.	HS-040051: 5x78 mmL.	HS-040171: 17x78 mmL.	
HS-040130: 13x60 mmL.	HS-040061: 6x78 mmL.	HS-040181: 18x78 mmL.	
HS-040140: 14x60 mmL.	HS-040071: 7x78 mmL.	HS-040191: 19x78 mmL.	



3/4" DR. HEXAGON IMPACT SOCKET BIT

HS-060100: 10x89 mmL.	HS-060180: 18x89 mmL.	HS-060270: 27x89 mmL.	HS-060340: 34x89 mmL.
HS-060110: 11x89 mmL.	HS-060190: 19x89 mmL.	HS-060280: 28x89 mmL.	HS-060350: 35x89 mmL.
HS-060120: 12x89 mmL.	HS-060210: 21x89 mmL.	HS-060290: 29x89 mmL.	HS-060360: 36x89 mmL.
HS-060130: 13x89 mmL.	HS-060220: 22x89 mmL.	HS-060300: 30x89 mmL.	HS-060380: 38x89 mmL.
HS-060140: 14x89 mmL.	HS-060230: 23x89 mmL.	HS-060310: 31x89 mmL.	
HS-060160: 16x89 mmL.	HS-060240: 24x89 mmL.	HS-060320: 32x89 mmL.	
HS-060170: 17x89 mmL.	HS-060260: 26x89 mmL.	HS-060330: 33x89 mmL.	

**1" DR. HEXAGON IMPACT SOCKET BIT**

HS-080100: 10x100 mmL.	HS-080210: 21x100 mmL.	HS-080300: 30x100 mmL.	HS-080410: 41x100 mmL.
HS-080120: 12x100 mmL.	HS-080220: 22x100 mmL.	HS-080320: 32x100 mmL.	HS-080460: 46x100 mmL.
HS-080140: 14x100 mmL.	HS-080240: 24x100 mmL.	HS-080330: 33x100 mmL.	
HS-080170: 17x100 mmL.	HS-080270: 27x100 mmL.	HS-080360: 36x100 mmL.	
HS-080190: 19x100 mmL.	HS-080280: 28x100 mmL.	HS-080380: 38x100 mmL.	

**3/8" DR. STAR IMPACT SOCKET BIT**

TS-030100: T10x60 mmL.	TS-030300: T30x60 mmL.	TS-030550: T55x60 mmL.
TS-030150: T15x60 mmL.	TS-030400: T40x60 mmL.	TS-030600: T60x60 mmL.
TS-030200: T20x60 mmL.	TS-030450: T45x60 mmL.	TS-030700: T70x60 mmL.
TS-030250: T25x60 mmL.	TS-030470: T47x60 mmL.	
TS-030270: T27x60 mmL.	TS-030500: T50x60 mmL.	

**1/2" DR. STAR IMPACT SOCKET BIT**

TS-040100: T10x78 mmL.	TS-040300: T30x78 mmL.	TS-040600: T60x78 mmL.
TS-040150: T15x78 mmL.	TS-040400: T40x78 mmL.	TS-040700: T70x78 mmL.
TS-040200: T20x78 mmL.	TS-040450: T45x78 mmL.	TS-040800: T80x78 mmL.
TS-040250: T25x78 mmL.	TS-040500: T50x78 mmL.	TS-040900: T90x78 mmL.
TS-040270: T27x78 mmL.	TS-040550: T55x78 mmL.	TS-041000: T100x78 mmL.

**3/8" DR. SPLINE IMPACT SOCKET BIT**

SS-030040: M4x60 mmL.	SS-030080: M8x60 mmL.	SS-030120: M12x60 mmL.
SS-030050: M5x60 mmL.	SS-030090: M9x60 mmL.	SS-030130: M13x60 mmL.
SS-030060: M6x60 mmL.	SS-030100: M10x60 mmL.	SS-030140: M14x60 mmL.
SS-030070: M7x60 mmL.	SS-030110: M11x60 mmL.	

**1/2" DR. SPLINE IMPACT SOCKET BIT**

SS-040040: M4x60 mmL.	SS-040180: M18x60 mmL.	SS-040161: M16x78 mmL.	SS-040142: M14x100 mmL.
SS-040050: M5x60 mmL.	SS-040041: M4x78 mmL.	SS-040181: M18x78 mmL.	SS-040162: M16x100 mmL.
SS-040060: M6x60 mmL.	SS-040051: M5x78 mmL.	SS-040042: M4x100 mmL.	SS-040182: M18x100 mmL.
SS-040080: M8x60 mmL.	SS-040061: M6x78 mmL.	SS-040052: M5x100 mmL.	
SS-040090: M9x60 mmL.	SS-040081: M8x78 mmL.	SS-040062: M6x100 mmL.	
SS-040100: M10x60 mmL.	SS-040091: M9x78 mmL.	SS-040082: M8x100 mmL.	
SS-040120: M12x60 mmL.	SS-040101: M10x78 mmL.	SS-040092: M9x100 mmL.	
SS-040140: M14x60 mmL.	SS-040121: M12x78 mmL.	SS-040102: M10x100 mmL.	
SS-040160: M16x60 mmL.	SS-040141: M14x78 mmL.	SS-040122: M12x100 mmL.	

**IMPACT EXTENSION BAR**

EB-020050: 1/4"x50 mmL.	EB-040075: 1/2"x75 mmL.	EB-060150: 3/4"x150 mmL.	EB-080150: 1"x150 mmL.
EB-020075: 1/4"x75 mmL.	EB-040100: 1/2"x100 mmL.	EB-060175: 3/4"x175 mmL.	EB-080175: 1"x175 mmL.
EB-020125: 1/4"x125 mmL.	EB-040125: 1/2"x125 mmL.	EB-060200: 3/4"x200 mmL.	EB-080200: 1"x200 mmL.
EB-020150: 1/4"x150 mmL.	EB-040150: 1/2"x150 mmL.	EB-060250: 3/4"x250 mmL.	EB-080250: 1"x250 mmL.
EB-020250: 1/4"x250 mmL.	EB-040175: 1/2"x175 mmL.	EB-060300: 3/4"x300 mmL.	EB-080300: 1"x300 mmL.
EB-020300: 1/4"x300 mmL.	EB-040200: 1/2"x200 mmL.	EB-060325: 3/4"x325 mmL.	EB-080330: 1"x330 mmL.
EB-030075: 3/8"x75 mmL.	EB-040250: 1/2"x250 mmL.	EB-060400: 3/4"x400 mmL.	EB-080400: 1"x400 mmL.
EB-030125: 3/8"x125 mmL.	EB-040300: 1/2"x300 mmL.	EB-080100: 1"x100 mmL.	
EB-030150: 3/8"x150 mmL.	EB-060075: 3/4"x75 mmL.		
EB-030250: 3/8"x250 mmL.	EB-060089: 3/4"x89 mmL.		
EB-030300: 3/8"x300 mmL.	EB-060100: 3/4"x100 mmL.		
EB-040050: 1/2"x50 mmL.	EB-060125: 3/4"x125 mmL.		



IMPACT UNIVERSAL JOINT

- UJ-020043:** 1/4"x43 mmL.
- UJ-030071:** 3/8"x71 mmL.
- UJ-040075:** 1/2"x75 mmL.
- UJ-060105:** 3/4"x105 mmL.
- UJ-080130:** 1"x130 mmL.
- UJ-120182:** 1-1/2"x182 mmL.



IMPACT ADAPTOR

- AD-020030:** 1/4" (f) x 3/8" (m) x 26 mmL.
- AD-030020:** 3/8" (f) x 1/4" (m) x 28 mmL.
- AD-030040:** 3/8" (f) x 1/2" (m) x 36 mmL.
- AD-040030:** 1/2" (f) x 3/8" (m) x 38 mmL.
- AD-040060:** 1/2" (f) x 3/4" (m) x 48 mmL.
- AD-060040:** 3/4" (f) x 1/2" (m) x 58 mmL.
- AD-060080:** 3/4" (f) x 1" (m) x 63 mmL.
- AD-080060:** 1" (f) x 3/4" (m) x 75 mmL.
- AD-080120:** 1" (f) x 1-1/2" (m) x 90 mmL.
- AD-120080:** 1-1/2" (f) x 1" (m) x 100 mmL.
- AD-120200:** 1-1/2" (f) x 2-1/2" (m) x 120 mmL.



AS-80

11PCS - 3/8" DR. IMPACT SOCKET SET

- contents: 8-9-10-11-12-13-14-15-16-17-19mm x 32mmL.



AS-81

11PCS - 3/8" DR. DEEP IMPACT SOCKET SET

- contents: 8-9-10-11-12-13-14-15-16-17-19mm x 63mmL.



AS-82

5PCS - 1/2" DR. IMPACT SOCKET SET

- contents: 17-19-21-22-24mm x 38mmL.



AS-83

5PCS - 1/2" DR. DEEP IMPACT SOCKET SET

- contents: 17-19-21-22-24mm x 78mmL.



AS-84

12PCS - 1/2" DR. IMPACT SOCKET SET

- contents: 10-11-12-13-14-15-16-17-19-21-22-24mm. x 38mmL.



AS-84T

12PCS - 1/2" DR. IMPACT SOCKET SET

- contents: 10-11-12-13-14-15-16-17-19-21-22-24mm. x 38mmL.



AS-85

12PCS - 1/2" DR. DEEP IMPACT SOCKET SET

- contents: 10-11-12-13-14-15-16-17-19-21-22-24mm. x 78mmL.



AS-85T

12PCS - 1/2" DR. DEEP IMPACT SOCKET SET

- contents: 10-11-12-13-14-15-16-17-19-21-22-24mm. x 78mmL.



AS-87

8PCS - 1/2" DR. HEX. IMPACT SOCKET BIT SET

- contents: H17-H19 x 75 mmL.
- H6-H7-H8-H10-H12-H14 x 60mmL.



AS-88

8PCS - 1/2" DR. TORX IMPACT SOCKET BIT SET

- contents: T25-T27-T30-T40-T45-T50-T55-T60 x 78mmL.



AS-86

3PCS - 1/2" DR. DEEP IMPACT SOCKET SET

- contents: 17-19-21 mm.
- socket length: 85mmL.



AS-107

4PCS - 1/2" DR. DEEP IMPACT SOCKET SET

- contents: 17-19-21-22 mm.
- socket length: 85mmL.



AS-48

10PCS - 1/2" DR. IMPACT SOCKET SET

- contents: 14-16-17-18-19-21-22mm. x 38mmL.
- contents: 17-19-21mm. x 78mmL.



AS-89

3PCS - 1/2" DR. TORQUE CONTROL IMPACT SOCKET SET

- contents: 17-19-21mm.
- socket length: 220mmL.
- max. torque: 110 Nm.



AS-03AM

8PCS - 3/4" DR. IMPACT SOCKET SET

- contents: 22-24-26-27-29-32-35-38mm.
- socket length: 53 ~ 57mmL.



AS-03BM

8PCS - 3/4" DR. DEEP IMPACT SOCKET SET

- contents: 22-24-26-27-29-32-35-38mm.
- socket length: 90mmL.



AS-04AM

7PCS - 1" DR. IMPACT SOCKET SET

- contents: 24-26-27-30-32-38-41 mm.
- socket length: 58 ~ 65 mmL.



AS-04BM

7PCS - 1" DR. DEEP IMPACT SOCKET SET

- contents: 24-26-27-30-32-38-41 mm.
- socket length: 90 mmL.



ROTARY SUPPORT EXTENSION BAR

- | | |
|--------|---------------------|
| AS-72A | 3/8" dr. x 175 mmL. |
| AS-72B | 1/2" dr. x 200 mmL. |
| AS-72C | 3/4" dr. x 250 mmL. |



SANDING BELT

- | | |
|--------|---------------|
| AS-52A | 10 x 330 mmL. |
| AS-52C | 20 x 520 mmL. |
- grit: 100#.



AS-60H

2" SANDING PAD - hook face

- pad size: ø50 x 12 mm. (t.)
- bolt size: 5/16" x 24 t.
- pad w/out hole.



AS-60HM

2" SANDING PAD - hook face

- pad size: ø50 x 12 mm. (t.)
- bolt size: M6.
- pad w/out hole.



AS-61H

3" SANDING PAD - hook face

- pad size: ø75 x 12 mm. (t.)
- bolt size: 5/16" x 24 t.
- pad w/out hole.



AS-61HM

3" SANDING PAD - hook face

- pad size: ø75 x 12 mm. (t.)
- bolt size: M6.
- pad w/out hole.



AS-09H

6" SANDING PAD - hook face

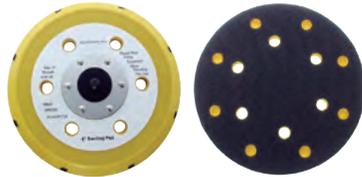
- pad size: $\varnothing 150 \times 12$ mm. (t.)
- bolt size: 5/16" x 24 t.
- pad w/out hole.



AS-07H

6" SANDING PAD - hook face

- pad size: $\varnothing 150 \times 12$ mm. (t.)
- bolt size: 5/16" x 24 t.
- pad with 14-hole.



AS-134H

6" SANDING PAD - hook face

- pad size: $\varnothing 150 \times 12$ mm. (t.)
- pad with 6-hole.
- available for CA-4035H and CA-4036H only.



AS-136H

8" SANDING PAD - hook face

- pad size: $\varnothing 200 \times 12$ mm. (t.)
- pad with 8-hole.
- available for CA-4038H and CA-4039H only.



AS-05C

ADAPTOR - stripping wheel

- thread root dia.: 5/16" x 24 t.
- shank outside diameter: 6 mm.
- overall length: 40 mm.



AS-05A

RUBBER STRIPPING WHEEL

- outside diameter: $\varnothing 88$ mm.
- thickness: 15 mm.
- shank size: 5/16" x 24 t.
- max. speed: 4,000 rpm.



AS-05B

RUBBER STRIPPING WHEEL

- outside diameter: $\varnothing 88$ mm.
- thickness: 15 mm.
- shank size: 5/16" x 24 t.
- max. speed: 4,000 rpm.



AS-10H

6" SANDING PAD - hook face

- pad size: $\varnothing 150 \times 12$ mm. (t.)
- bolt size: 5/16" x 24 t.
- pad with 6-hole.



AS-133H

6" SANDING PAD - hook face

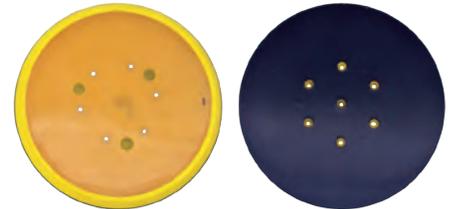
- pad size: $\varnothing 150 \times 12$ mm. (t.)
- pad w/out hole.
- available for CA-4034H only.



AS-135H

8" SANDING PAD - hook face

- pad size: $\varnothing 200 \times 12$ mm. (t.)
- pad w/out hole.
- available for CA-4037H only.



WOOL POLISHING BOB

AS-50AC $\varnothing 125$ mm.

AS-50AD $\varnothing 175$ mm.

- with tie-up function.



AS-05Z

ADAPTOR - stripping wheel

- thread root dia.: 5/16" x 24 t.
- shank: 1/4" hexagon driver.
- overall length: 48 mm.



AS-05AS

RUBBER STRIPPING WHEEL WITH ADAPTOR SET

- outside diameter: $\varnothing 88$ mm.
- thickness: 15 mm.
- shank size: 5/16" x 24 t.
- max. speed: 4,000 rpm.



AS-05BS

RUBBER STRIPPING WHEEL WITH ADAPTOR SET

- outside diameter: $\varnothing 88$ mm.
- thickness: 15 mm.
- shank size: 5/16" x 24 t.
- max. speed: 4,000 rpm.



AS-05D

RUBBER STRIPPING WHEEL

- outside diameter: $\varnothing 100$ mm.
- thickness: 26 mm.
- shank size: 5/16" x 24 t.
- max. speed: 4,000 rpm.



AS-05DS

RUBBER STRIPPING WHEEL WITH ADAPTOR SET

- outside diameter: $\varnothing 100$ mm.
- thickness: 26 mm.
- shank size: 5/16" x 24 t.
- max. speed: 4,000 rpm.



AS-05K

RUBBER STRIPPING WHEEL

- outside diameter: $\varnothing 70$ mm.
- thickness: 18 mm.
- shank size: 5/16" x 24 t.
- max. speed: 4,000 rpm.



AS-05KS

RUBBER STRIPPING WHEEL WITH ADAPTOR SET

- outside diameter: $\varnothing 70$ mm.
- thickness: 18 mm.
- shank size: 5/16" x 24 t.
- max. speed: 4,000 rpm.



AS-130A

STRIPPING WHEEL HUB

- hub inside diameter: $\varnothing 47$ mm.
- hub outside diameter: $\varnothing 66$ mm.
- thread root dia.: 5/16" x 24 t.
- available with: CA-4025AK only.



AS-70

RUBBER STRIPPING WHEEL

- inside diameter: $\varnothing 48$ mm.
- outside diameter: $\varnothing 106$ mm.
- thickness: 30 mm.
- max. speed: 4,000 rpm.



AS-131

STRAIGHT-TYPE METAL WIRE STRIPPING WHEEL

- metal wire diameter: 0.8 mm.
- wheel inside diameter: $\varnothing 48$ mm.
- wheel outside diameter: $\varnothing 100$ mm.
- metal wire length: 25 mm.
- max. speed: 4,000 rpm.



AS-132

BENT-TYPE METAL WIRE STRIPPING WHEEL

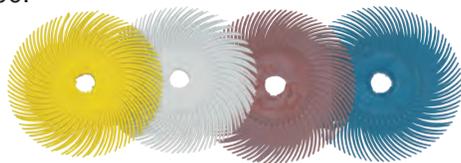
- metal wire diameter: 0.8 mm.
- wheel inside diameter: $\varnothing 48$ mm.
- wheel outside diameter: $\varnothing 100$ mm.
- metal wire length: 25 mm.
- max. speed: 4,000 rpm.



RADIAL BRISTLE WHEEL

AS-150A	wheel $\varnothing 10 \times \varnothing 75$ mm.	yellow-grit 80#
AS-150B	wheel $\varnothing 10 \times \varnothing 75$ mm.	white-grit 120#
AS-150C	wheel $\varnothing 10 \times \varnothing 75$ mm.	red-grit 220#
AS-150D	wheel $\varnothing 10 \times \varnothing 75$ mm.	blue-grit 400#

- max. rpm: 20,000.



QUICK CHANGE HOLDER

AS-140A	wheel $\varnothing 50$ mm.	30,000 rpm.
AS-140B	wheel $\varnothing 75$ mm.	20,000 rpm.
AS-140C	wheel $\varnothing 100$ mm.	10,000 rpm.

- shank: $\varnothing 6$ mm.



AS-102

5PCS - 2" SANDING PLATE KIT

- disc: $\varnothing 50$ mm.
- shank: $\varnothing 6.0$ mm.
- grit: 80# x 2pcs.
- grit: 100# x 2pcs.



AS-103

5PCS - 2" CONDITIONING PLATE KIT

- disc: $\varnothing 50$ mm.
- shank: $\varnothing 6.0$ mm.
- brown: 80# x 1pc.
- green: 300# x 1pc.
- red: 150# x 2pcs.



AS-70C

NYLON STRIPPING WHEEL

- inside diameter: $\varnothing 12$ mm.
- outside diameter: $\varnothing 100$ mm.
- thickness: 15 mm.
- grit: 80#.
- free speed: 11,000 rpm.



TYRE BUFFING BOWL

AS-147A	grit: 23G.
AS-147B	grit: 36G.
AS-147C	grit: 70G.

- material: tungsten steel.
- outside: $\varnothing 50$ mm. X 30 mmH.
- free speed: 2,500 rpm.



AS-149

ADAPTOR - radial bristle wheel

- shank outside diameter: $\varnothing 6.0$ mm.
- hub outside diameter: $\varnothing 10$ mm.



LONG CUTTING BLADE

AS-33A blade length: 57 mmL.

AS-33B blade length: 90 mmL.

- inlet size: hex. 19 mm.



ANGLE CUTTING BLADE

AS-39A blade length: 18 mmL.

AS-39B blade length: 24 mmL.

AS-39C blade length: 36 mmL.

AS-39D blade length: 63 mmL.

AS-39E blade length: 90 mmL.

- inlet size: hex. 19 mm.



METAL SAW BLADE

AS-31A 24 t. x 93 mmL.

AS-31B 32 t. x 93 mmL.

- bi-metal blade.
- available for CA-6509, CA-6523, CA-6524K & CA-6524K.



METAL SAW BLADE

AS-109A 18 t. x 75 mmL.

AS-109B 24 t. x 75 mmL.

AS-109C 32 t. x 75 mmL.

- bi-metal blade.
- available for CA-6513 and CA-6515.



AS-127

METAL SAW BLADE

- 18 t. x 150 mmL.
- bi-metal blade.
- available for CA-6521, CA-6522, CA-6523 and CA-6517K.



DRILLING CHUCK WITH KEY

AS-18 3/8" dr. ($\varnothing 10$ mm.)

AS-19 1/2" dr. ($\varnothing 13$ mm.)

- chuck threaded: 3/8" x 24 t.
- run-out: 1" / 0.20 mm.



2" / 3" CUTTING WHEEL

AS-49A $\varnothing 10$ x $\varnothing 50$ x 2.0 mm. (t.)

AS-49AA $\varnothing 10$ x $\varnothing 50$ x 1.0 mm. (t.)

AS-49B $\varnothing 10$ x $\varnothing 75$ x 2.0 mm. (t.)

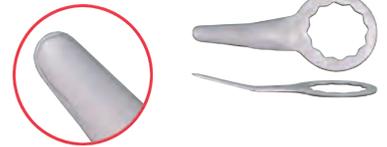
AS-49BB $\varnothing 10$ x $\varnothing 75$ x 1.0 mm. (t.)



AS-34

ANGLE CUTTING BLADE

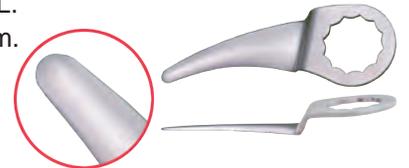
- blade length: 35 mmL.
- inlet size: hex. 19 mm.



AS-35

CURVED CUTTING BLADE

- blade length: 50 mmL.
- inlet size: hex. 19 mm.



AS-36

SCRAPER CUTTING BLADE

- blade length: 45 mmL.
- inlet size: hex. 19 mm.



METAL SAW BLADE

AS-110A 18 t. x 100 mmL.

AS-110B 24 t. x 100 mmL.

- bi-metal blade.
- available for CA-6516 only.



METAL SAW BLADE

AS-73A 14 t. x 78 mmL.

AS-73B 18 t. x 78 mmL.

AS-73C 24 t. x 78 mmL.

AS-73D 32 t. x 78 mmL.

- bi-metal blade.
- available for CA-1519BK only.



AS-116

4PCS - MINI FILE SET

- shank dia.: 4 mm.
- overall length: 115 mmL.
- available for CA-6513, CA-1519BK and CA-6523.



DRILLING KEYLESS CHUCK

AS-20 3/8" dr. ($\varnothing 10$ mm.)

AS-21 1/2" dr. ($\varnothing 13$ mm.)

- chuck threaded: 3/8" x 24 t.
- run-out: 1" / 0.20 mm.



DRILLING CHUCK WITH KEY

AS-118A 3/8" dr. (ø10 mm.)

AS-118B 1/2" dr. (ø13 mm.)

- chuck threaded: 3/8" x 24 t.
- chuck threaded: 1/2" x 20 t.
- run-out: 1" / 0.10 mm.



SPOT DRILLING BIT

AS-32A ø6.5 mm.

AS-32B ø8.0 mm.

- material: HSS
- shank: ø8 mm.



AS-26

QUICK-CHANGE SPRING RETAINER

- chisel can be installed and removed quickly.
- available with air hammer.
- for the busy technician.



AS-27

SPRING RETAINER

- chisel can be installed and removed quickly.
- available with air hammer.



AS-28R

5PCS - ROUND SHANK CHISEL SET

- round shank: ø10.2 mm.
- chisel length: 125 mmL.
- material: SCM 440



AS-28H

5PCS - HEX SHANK CHISEL SET

- hex. shank: 11 mm.
- chisel length: 125 mmL.
- material: SCM 440



AS-29R

5PCS - ROUND SHANK CHISEL SET

- round shank: ø10.2 mm.
- chisel length: 175 mmL.
- material: SCM 440



AS-29H

5PCS - HEX SHANK CHISEL SET

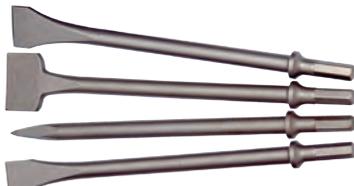
- hex. shank: 11 mm.
- chisel length: 175 mmL.
- material: SCM 440



AS-43H

4PCS - HEX SHANK CHISEL SET

- hex. shank: 11 mm.
- chisel length: 250 mmL.
- material: SCM 440



AS-23

1/4" DR. WATER SEPARATOR

- material: aluminum.



AS-24D

1/4" DR. AIR REGULATOR

- material: brass.
- max. capacity: 11 bar.



AS-24C

1/4" DR. AIR REGULATOR

- material: aluminum.
- max. capacity: 8 bar.



AIR REGULATOR

AS-24A 1/4" dr.

AS-24B 3/8" dr.

- material: steel and brass.



MINI OILER

AS-22A 1/4" dr.

AS-22B 3/8" dr.

- material: brass.



AS-101A

SAFETY GOGGLE

- soft temple tip.
- polycarbonate one piece design.
- polycarbonate 6.5 bar curve lens.
- adjustable temple length.
- side shield protect design.
- meet CE EN166.



AIR SWIVEL FITTING

AS-25A 1/4" dr.

AS-25B 3/8" dr.

- material: aluminum.



AS-151A

1/4" JAPANESE TYPE PLUG SWIVEL FITTING

- 1/4" PT male.
- working pressure: 12 bar.
- maximum pressure: 15 bar.
- material: steel.



AS-151B

1/4" JAPANESE TYPE PLUG SWIVEL FITTING

- 3/8" PT male.
- working pressure: 12 bar.
- maximum pressure: 15 bar.
- material: steel.



AS-152A

1/4" INDUSTRIAL TYPE PLUG SWIVEL FITTING

- 1/4" NPT male.
- working pressure: 12 bar.
- maximum pressure: 15 bar.
- material: steel.



AS-152B

1/4" INDUSTRIAL TYPE PLUG SWIVEL FITTING

- 3/8" NPT male.
- working pressure: 12 bar.
- maximum pressure: 15 bar.
- material: steel.



AS-153A

1/4" EUROPEAN TYPE PLUG SWIVEL FITTING

- 1/4" G male.
- working pressure: 12 bar.
- maximum pressure: 15 bar.
- material: steel.



AS-153B

1/4" EUROPEAN TYPE PLUG SWIVEL FITTING

- 3/8" G male.
- working pressure: 12 bar.
- maximum pressure: 15 bar.
- material: steel.



AS-154A

1/4" NPT FEMALE PLUG SWIVEL FITTING

- 1/4" NPT male.
- working pressure: 12 bar.
- maximum pressure: 15 bar.
- material: steel.



AS-154B

1/4" PT FEMALE PLUG SWIVEL FITTING

- 1/4" PT male.
- working pressure: 12 bar.
- maximum pressure: 15 bar.
- material: steel.



AS-155A

1/4" JAPANESE TYPE PLUG SWIVEL FITTING

- 1/4" PT female.
- working pressure: 12 bar.
- maximum pressure: 15 bar.
- material: steel.



AS-155B

1/4" JAPANESE TYPE PLUG SWIVEL FITTING

- 3/8" PT female.
- working pressure: 12 bar.
- maximum pressure: 15 bar.
- material: steel.



AS-156A

1/4" EUROPEAN TYPE PLUG SWIVEL FITTING

- 1/4" G female.
- working pressure: 12 bar.
- maximum pressure: 15 bar.
- material: steel.



AS-156B

1/4" EUROPEAN TYPE PLUG SWIVEL FITTING

- 3/8" G female.
- working pressure: 12 bar.
- maximum pressure: 15 bar.
- material: steel.



PRESSURE		
1 PSI	=	0.07031 KGF/CM ²
1 PSI	=	0.06895 BAR
1 PSI	=	6895 PA
1 PSI	=	6.89476 KPA
1 PSI	=	51.7157 TORR
1 KPA	=	0.01 BAR
1 KPA	=	0.010972 KP/CM ²
1 KPA	=	0.145038 PSI
1 KP/CM ²	=	98.0665 KPA

TORQUE		
1 FT/LB	=	1.35582NM
1 FT/LB	=	0.138 KG/M
1 NM	=	0.737562 FT/LB
1 NM	=	0.101972 KPM
1 KPM	=	9.80665 NM
1 KG/M	=	9.8 NM
1 KG/M	=	7.23314 FT/LB