

K15



KSTOOLS

PNEUMATIC TOOLS



*Innovation is
our mission!*

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PNEUMATIC TOOLS

Advantages

slimPOWER

Extremely versatile

- For hard to reach places
- Particularly low air consumption
- Low vibration
- Long service life
- Easy operation
- Supplied incl. coupling connector

MONSTER

Extremely strong

- Particularly low air consumption
- Low vibration
- Cold insulated handle
- Long service life
- Easy operation
- Supplied incl. coupling connector

Composition

Angular transmission with lubrication nipple

Collet chuck

Cold insulation handle

Adjusting screw for air supply adjusts speed and performance

Compressed air connection with rotating exhaust

Safety operation lever with locking device

Lever ratchet head (clockwise and anticlockwise)

Cold insulation handle

Adjusting screw for air supply adjusts speed and performance

Compressed air connection with rotating exhaust

Safety operation lever with locking device

Our pneumatic tools correspond to the demands of the following standards:

- Standards 2006/42/EC
- EN ISO 12100-1+A1:2009
- EN ISO 12100-2+A1:2009
- EN ISO 14121-1:2007, EN 792-6+A1:2008
- EN ISO 15744:2008, EN ISO 8662-7:1997

Striking mechanisms

Single hammer striking mechanisms



- Traditional approved construction
- Grease lubrication

Pin clutch



- Reliable construction
- Low vibration
- Fast torque progression
- Oil lubrication

Twin hammer striking mechanisms / clutch



- Excellent power to weight ratio
- Low sensitivity to air pressure fluctuations
- Constant impact with continuous torque progression
- Suitable for heavy and light duty
- Grease lubrication
- Industrial striking mechanisms e.g. 515.1215

Pneumatic profile

Reversing ratchets



Drilling machines



Spot weld drilling machines



Grinding tools



Burnishing tools



Erasing machines



Needle scaler



Pneumatic nibbler



Impact wrenches



Blind rivet gun



Oscillating cutter



Grease guns



Wheel filling gauge



Combination spray guns



Compressed air guns



Sawing



REVERSIBLE RATCHET

SlimPOWER mini-pneumatic-reversing ratchet

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Air exhaust through the handle rear end
- With ratchet head reversing lever (clockwise and anticlockwise)
- Easy operation
- Triple teeth
- With stepless speed regulation
- Vibration dampened
- Includes 1/4" coupling connector
- Robust housing



1/4"

Technical data:

| | |
|--------------------------|-----------------------|
| Square drive: | 1/4" |
| Max. tightening torque: | 34 N·m |
| Max. loosening torque: | 34 N·m |
| No load current: | 420 r.p.m. |
| Vibration: | < 2,3 ms ² |
| Noise performance level: | 92 dbA |
| Noise pressure level: | 85 dbA |
| Recommended torque: | 25 N·m |
| Air consumption: | 240.66 l/min |
| Operating pressure: | max. 5,5 bar (80 psi) |
| Min. tube diameter: | 1/4" - 4,8 mm |
| Connection thread: | 1/4"PT |

| | B mm | L mm | kg |
|----------|------|-------|-----|
| 515.5005 | 35.5 | 135.0 | 400 |

SlimPOWER mini-pneumatic-reversing ratchet

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Air exhaust through the handle rear end
- With ratchet head reversing lever (clockwise and anticlockwise)
- Easy operation
- Triple teeth
- With stepless speed regulation
- Vibration dampened
- Includes 1/4" coupling connector
- Robust housing



3/8"

Technical data:

| | |
|--------------------------|-----------------------|
| Square drive: | 3/8" |
| Max. tightening torque: | 34 N·m |
| Max. loosening torque: | 34 N·m |
| No load current: | 420 r.p.m. |
| Vibration: | < 2,3 ms ² |
| Noise performance level: | 92 dbA |
| Noise pressure level: | 85 dbA |
| Recommended torque: | 25 N·m |
| Air consumption: | 240.66 l/min |
| Operating pressure: | max. 5,5 bar (80 psi) |
| Min. tube diameter: | 3/8" - 4,8 mm |
| Connection thread: | 1/4"PT |

| | B mm | L mm | kg |
|----------|------|-------|-----|
| 515.5010 | 35.5 | 135.0 | 400 |

SlimPOWER mini-pneumatic-reversing ratchet

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Air exhaust through the handle rear end
- With ratchet head reversing lever (clockwise and anticlockwise)
- Easy operation
- Triple teeth
- With stepless speed regulation
- Vibration dampened
- Includes 1/4" coupling connector
- Robust housing



1/2"

Technical data:

| | |
|--------------------------|-----------------------|
| Square drive: | 1/2" |
| Max. tightening torque: | 34 N·m |
| Max. loosening torque: | 34 N·m |
| No load current: | 420 r.p.m. |
| Vibration: | < 2,3 ms ² |
| Noise performance level: | 92 dbA |
| Noise pressure level: | 85 dbA |
| Recommended torque: | 25 N·m |
| Air consumption: | 240.66 l/min |
| Operating pressure: | max. 5,5 bar (80 psi) |
| Min. tube diameter: | 1/4" - 4,8 mm |
| Connection thread: | 1/4"PT |

| | B mm | L mm | kg |
|----------|------|-------|-----|
| 515.5015 | 35.5 | 135.0 | 400 |

Mini pneumatic reversing ratchet

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Air exhaust through the handle rear end
- With ratchet head reversing lever (clockwise and anticlockwise)
- Easy operation
- Triple teeth
- With stepless speed regulation
- Number of revolutions adjustable through regulating screw
- Vibration dampened
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light robust housing special plastic



1/4"

Technical data:

| | |
|--------------------------|-----------------------|
| Square drive: | 1/4" |
| Max. tightening torque: | 40,6 N·m |
| Max. loosening torque: | 40,6 N·m |
| No load current: | 250 r.p.m. |
| Vibration: | < 4,4 ms ² |
| Noise performance level: | 97 dbA |
| Noise pressure level: | 87 dbA |
| Recommended torque: | 30 N·m |
| Air consumption: | 90 l/min |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Min. tube diameter: | 1/4" - 6,35 mm |
| Connection thread: | 1/4"PT |

| | B mm | L mm | kg |
|----------|------|-------|------|
| 515.3080 | 41.0 | 180.0 | 0.60 |

Pneumatic reversing ratchet

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Air exhaust through the handle rear end
- With ratchet head reversing lever (clockwise and anticlockwise)
- Easy operation
- Triple teeth
- With stepless speed regulation
- Number of revolutions adjustable through regulating screw
- Vibration dampened
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light robust housing special plastic



Technical data:

| | |
|--------------------------|-----------------------|
| Square drive: | 3/8" |
| Max. tightening torque: | 68 N·m |
| Max. loosening torque: | 68 N·m |
| No load current: | 160 r.p.m. |
| Vibration: | < 1,0 ms ² |
| Noise performance level: | 97 dbA |
| Noise pressure level: | 85 dbA |
| Recommended torque: | 50 N·m |
| Air consumption: | 250 l/min |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4"PT |

| | B mm | L mm | kg |
|----------|------|-------|------|
| 515.3085 | 50.0 | 260.0 | 1.20 |

Pneumatic reversing ratchet

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Air exhaust through the handle rear end
- With ratchet head reversing lever (clockwise and anticlockwise)
- Easy operation
- Triple teeth
- With stepless speed regulation
- Number of revolutions adjustable through regulating screw
- Vibration dampened
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light robust housing from special plastic



Technical data:

| | |
|--------------------------|-----------------------|
| Square drive: | 1/2" |
| Max. tightening torque: | 68 N·m |
| Max. loosening torque: | 68 N·m |
| No load current: | 175 r.p.m. |
| Vibration: | < 1,0 ms ² |
| Noise performance level: | 97 dbA |
| Noise pressure level: | 85 dbA |
| Recommended torque: | 50 N·m Nm |
| Air consumption: | 85 l/min |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4"PT |

| | B mm | L mm | kg |
|----------|------|-------|------|
| 515.3090 | 52.0 | 265.0 | 1.40 |

DIE & ANGLE DRILLING MACHINES

SlimPOWER Pneumatic straight drill

- Straight design
- Air exhaust through the handle rear end
- For one handed operation with ergonomic design
- Not reversible
- With quick release chuck capacity 1 - 6,5 mm
- For hard to reach places
- Ideally suited for car bodywork and industrial working
- With stepless speed regulation
- Vibration dampened through double bearing guides
- Includes 1/4" coupling connector
- Robust housing



Technical data:

| | |
|--------------------------|-----------------------|
| Chuck capacity: | 1 - 6,5 mm |
| Chuck thread reception: | 3/8" x 24 UNF |
| Capacity: | 190 Watt |
| No load current: | 6000 r.p.m. |
| Vibration: | < 0,7 ms ² |
| Noise performance level: | 95 dbA |
| Noise pressure level: | 80 dbA |
| Air consumption: | 240.66 l/min |
| Min. tube diameter: | 1/4" - 4,8 mm |
| Operating pressure: | max. 5,5 bar (80 psi) |
| Connection thread: | 1/4"NPT |

| | B mm | L mm | kg |
|----------|------|-------|-----|
| 515.5020 | 35.5 | 145.0 | 400 |

SlimPOWER Pneumatic angle drill

- Angled version
- Air exhaust through the handle rear end
- For one handed operation with ergonomic design
- Not reversible
- With gear rim drill chuck width 1 - 6,5 mm
- For hard to reach places
- Ideally suited for car body work
- With stepless speed regulation
- Vibration dampened through double bearing guides
- Includes 1/4" coupling connector
- Robust housing



Technical data:

| | |
|--------------------------|-----------------------|
| Chuck capacity: | 1 - 6,5 |
| Chuck thread reception: | 3/8" x 24 UNF |
| Capacity: | 230 Watt |
| No load current: | 4500 r.p.m. |
| Vibration: | < 0,7 ms ² |
| Noise performance level: | 95 dbA |
| Noise pressure level: | 83 dbA |
| Air consumption: | 240.66 l/min |
| Min. tube diameter: | 1/4" - 6,4 mm |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Connection thread: | 1/4" |

| | B mm | L mm | kg |
|----------|------|-------|-----|
| 515.5025 | 90.0 | 145.0 | 700 |

Pneumatic pistol grip drill

- Very handy and compact construction
- With non slip soft grip handle
- Air exhaust through the handle
- For one handed operation with ergonomic design
- With quick release chuck capacity 0 - 10 mm
- With practical clockwise and anticlockwise switch
- Suitable for continuous duty
- For working in hard to access areas
- Ideally suited for car bodywork and industrial working
- With stepless speed regulation
- Vibration dampened
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light robust housing from special plastic



Technical data:

| | |
|--------------------------|-----------------------|
| Chuck capacity: | 1 - 10 mm |
| Chuck thread reception: | 3/8" x 24 UNF |
| Capacity: | 330 Watt |
| No load current: | 1800 r.p.m. |
| Vibration: | < 0,1 ms ² |
| Noise performance level: | 95 dbA |
| Noise pressure level: | 82 dbA |
| Air consumption: | 113 l/min |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4"NPT |

| | B mm | L mm | kg |
|----------|-------|-------|------|
| 515.3030 | 165.0 | 150.0 | 0.92 |

Pneumatic straight drill

- Straight design
- Air exhaust through the handle rear end
- For one handed operation with ergonomic design
- Not reversible
- With quick release chuck capacity 0 - 10 mm
- For hard to reach places
- Ideally suited for car bodywork and industrial working
- With stepless speed regulation
- Number of revolutions adjustable through regulating screw
- Vibration dampened through double bearing guides
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light robust housing from special plastic



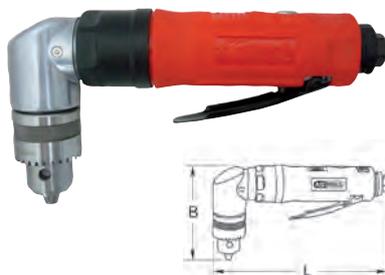
Technical data:

| | |
|--------------------------|-----------------------|
| Chuck capacity: | 1 - 10 mm |
| Chuck thread reception: | 3/8" x 24 UNF |
| Capacity: | 330 Watt |
| No load current: | 2600 r.p.m. |
| Vibration: | < 0,1 ms ² |
| Noise performance level: | 95 dbA |
| Noise pressure level: | 82 dbA |
| Air consumption: | 85 l/min |
| Min. tube diameter: | 3/8" - 10 mm |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Connection thread: | 1/4"NPT |

| | B mm | L mm | kg |
|----------|------|-------|------|
| 515.3025 | 44.0 | 215.0 | 0.75 |

Pneumatic angle drill

- Angled version
- With planetary gearing
- Air exhaust through the handle rear end
- For one handed operation with ergonomic design
- Not reversible
- With gear rim drill chuck width 0 - 10 mm
- For hard to reach places
- Ideally suited for car body work
- With stepless speed regulation
- Number of revolutions adjustable through regulating screw
- Vibration dampened through double bearing guides
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light robust housing from special plastic



Technical data:

| | |
|--------------------------|------------------------|
| Chuck capacity: | 1 - 10 |
| Chuck thread reception: | 3/8" x 24 UNF |
| Capacity: | 330 Watt |
| No load current: | 1800 r.p.m. |
| Vibration: | < 0,15 ms ² |
| Noise performance level: | 95 dbA |
| Noise pressure level: | 87 dbA |
| Air consumption: | 85 l/min |
| Operating pressure: | 6,3 bar (90 psi) |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4"NPT |

| | L mm | B mm | kg |
|----------|-------|-------|------|
| 515.1265 | 200.0 | 100.0 | 1.15 |

Pneumatic pistol grip drill

- Low rotation speed
- Non slip soft grip handle
- Ultra light robust housing from special plastic
- Air exhaust through the handle
- Quick release chuck capacity 0 - 13 mm
- Practical clockwise and anticlockwise switch
- Suitable for continuous duty
- Ideally suited for working with hard to machine materials
- For spot weld drills, polishing and grinding wheels, erasing rubbers etc.
- Very substantial guide
- Stepless speed regulation
- Vibration dampened
- Handle for 2 hand operation 360° revolving and lockable
- Cold insulated handle
- Includes 1/4" coupling connector



Technical data:

| | |
|--------------------------|------------------------|
| Chuck capacity: | 1,5 - 13 mm |
| Chuck thread reception: | 3/8" x 24 Gang |
| Capacity: | 330 Watt |
| No load current: | 450 r.p.m. |
| Vibration: | < 0,15 ms ² |
| Noise performance level: | 95 dbA |
| Noise pressure level: | 87 dbA |
| Air consumption: | 113 l/min |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4"NPT |

| | B mm | L mm | T mm | kg |
|----------|-------|-------|------|------|
| 515.3035 | 200.0 | 230.0 | 43.0 | 1.60 |

SPOT WELD DRILLING MACHINES

Pneumatic spot weld drill

- Air exhaust through the handle
- Easy operation
- Suitable for continuous duty
- Ideally suited for internal and external spot welds
- For spot weld drills
- Very substantial guide
- With adjustable milling machine depth ring in steps of 0,05 mm
- With revolving and removable frame to the fixation on the object
- With large frame for deep lying points
- Feed achievement through pneumatic cylinder
- With stepless speed regulation
- Includes 1/4" coupling connector
- Robust machined housing



Technical data:

| | |
|--------------------------|-----------------------|
| Drive: | Ø 8 mm with set screw |
| Capacity: | 500 Watt |
| No load current: | 1600 r.p.m. |
| Vibration: | < 0,3 ms ² |
| Noise performance level: | 90 dbA |
| Noise pressure level: | 81 dbA |
| Air consumption: | 280 l/min |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4" IG |

| | B mm | L mm | kg |
|----------|-------|-------|------|
| 515.1206 | 200.0 | 235.0 | 2.20 |

accessories:

| | | kg |
|----------|-------------------------------------|-----|
| 515.1207 | Counter bracket, small for 515.1206 | 300 |
| 515.1208 | Counter bracket, large for 515.1206 | 500 |

Pneumatic spot weld drill set

- Air exhaust through the handle
- Easy operation
- Suitable for continuous duty
- Ideally suited for internal and external spot welds
- For spot weld drills
- Very substantial guide
- Adjustable milling machine depth ring in steps of 0,05 mm
- Revolving and removable frame on the fixation on the object
- Large frame for deep lying points
- Feed achievement through pneumatic cylinder
- Stepless speed regulation
- Includes 1/4" coupling connector
- Robust machined housing
- In durable plastic case



Technical data:

| | |
|--------------------------|-----------------------|
| Drive: | Ø 8 mm with set screw |
| Capacity: | 500 Watt |
| No load current: | 1600 r.p.m. |
| Vibration: | < 0,2 ms ² |
| Noise performance level: | 90 dbA |
| Noise pressure level: | 81 dbA |
| Air consumption: | 280 l/min |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4" IG |

| | | kg |
|----------|-------------------------------------|------|
| 515.1205 | 9 pcs Pneumatic spot weld drill set | 2.20 |

consists of:

| | | kg |
|----------|-------------------------------------|------|
| 515.1206 | 1/2" pneumatic spot weld drill | 2.20 |
| 515.1207 | Counter bracket, small for 515.1206 | 0.30 |
| 515.1208 | Counter bracket, large for 515.1206 | 0.50 |
| 332.0108 | HSSE spot weld drill, Ø 8,0mm | 0.02 |
| 515.3361 | Pneumatic tool oil, 100ml | 0.25 |

Fastdrill pneumatic spot weld drill

- Special drive for high torque
- With non-slip soft-grip-handle
- Air exhaust through the handle
- Suitable for continuous duty
- Ideally suited for internal and external spot welds
- For carbide spot weld drills
- Very substantial guide
- With revolving and removable frame on the fixation on the object
- Feed achievement through pneumatic-cylinder
- With stepless speed regulation
- Cold insulated handle
- Includes 1/4" coupling connector
- Robust machined housing



Technical data:

| | |
|--------------------------|-------------------------|
| Drive in mm | 8 mm |
| Capacity: | 280 Watt |
| No load current: | 1000 r.p.m. |
| Vibration: | < 0,233 ms ² |
| Noise performance level: | 95.4 dbA |
| Noise pressure level: | 82.4 dbA |
| Air consumption: | 340 l/min |
| Operating pressure: | 6 bar |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4"PT |

| | B mm | L mm | kg |
|----------|-------|-------|------|
| 515.1311 | 175.0 | 315.0 | 1.85 |

accessories:

| | | kg |
|----------|-------------------------------|-----|
| 515.1312 | Bracket, small, for Fastdrill | 550 |
| 515.1313 | Bracket, big, for Fastdrill | 800 |

Fastdrill pneumatic spot weld drill set

- Special gearbox for high torque
- With non slip soft grip handle
- Air exhaust through the handle
- Suitable for continuous duty
- Ideally suited for internal and external spot welds
- For carbide spot weld drills
- Very substantial guide
- With revolving and removable frame on the fixation on the object
- Feed achievement through Pneumatic-cylinder
- With stepless speed regulation
- Cold insulated handle
- Includes 1/4" coupling connector
- Robust machined housing



Technical data:

| | |
|--------------------------|-------------------------|
| Drive in mm | 8 mm |
| Capacity: | 280 Watt |
| No load current: | 1000 r.p.m. |
| Vibration: | < 0,233 ms ² |
| Noise performance level: | 95.4 dbA |
| Noise pressure level: | 82.4 dbA |
| Air consumption: | 340 l/min |
| Operating pressure: | 6 bar |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4"PT |

| | | kg |
|----------|---|------|
| 515.1310 | 3 pcs Fastdrill pneumatic spot weld drill set | 2.40 |

consists of:

| | | kg |
|----------|-------------------------------------|------|
| 515.1311 | Fastdrill pneumatic spot weld drill | 1.85 |
| 515.1312 | Bracket, small, for Fastdrill | 0.55 |
| 515.1314 | T-handle wrench | 0.04 |

Spot weld drills can be found in the Cutting tools/brushes and files section.

PIN & DIE GRINDERS

Pneumatic pencil grinder, 70.000 rpm

- Straight design
- Air exhaust through the used air tube
- Ideal for carbide, corundum and tungsten carbide burrs
- For working in hard to access areas
- Very handy and compact construction
- Suitable for different repair works
- With stepless speed regulation
- Vibration dampened
- Cold insulated handle
- Includes 1/4" coupling connector and chuck wrench
- Aluminium housing



Technical data:

| | |
|--------------------------|-----------------------|
| Tube length: | 1 m |
| Tube diameter: | 5 mm |
| Chuck capacity: | 3 mm |
| Capacity: | 150 KW |
| No load current: | 70000 r.p.m. |
| Vibration: | < 2,5 ms ² |
| Noise performance level: | 86 dbA |
| Noise pressure level: | 74 dbA |
| Air consumption: | 140 l/min |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Min. tube diameter: | 1/4" - 6,35 mm |
| Connection thread: | 1/4"PT |

| | D mm | L mm | kg |
|----------|------|-------|-----|
| 515.3198 | 16.0 | 132.0 | 330 |

SlimPOWER pneumatic die grinder, straight

- Straight design
- Air exhaust through the handle rear end
- For one handed operation with ergonomic design
- For HM mills, mini cutting discs and grinding heads with a 6 mm shaft
- Ideal for grinding, polishing and engraving work
- For working in hard to access areas
- Very handy and compact construction
- Secure operation lever with locking device
- With stepless speed regulation
- Vibration dampened
- Includes 1/4" coupling connector
- Robust housing



Technical data:

| | |
|--------------------------|-----------------------|
| Chuck: | 6 mm |
| Capacity: | 230 Watt |
| No load current: | 25000 r.p.m. |
| Vibration: | < 1,5 ms ² |
| Noise performance level: | 95 dbA |
| Noise pressure level: | 81 dbA |
| Air consumption: | 319.93 l/min |
| Min. tube diameter: | 1/4" - 6,4 mm |
| Operating pressure: | max. 5,5 bar (80 psi) |
| Connection thread: | 1/4"PT |

| | B mm | L mm | kg |
|----------|------|-------|-----|
| 515.5030 | 35.0 | 123.0 | 300 |

Mini pneumatic die grinder, straight

- Straight design
- Air exhaust through the handle rear end
- For one handed operation with ergonomic design
- For HM mills, mini cutting discs and grinding heads with a 6 mm shaft
- Ideal for grinding, polishing and engraving work
- For working in hard to access areas
- Very handy and compact construction
- Secure operation lever with locking device
- With stepless speed regulation
- Number of revolutions adjustable through regulating screw
- Vibration dampened
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light robust housing from special plastic



Technical data:

| | |
|--------------------------|-----------------------|
| Chuck: | 6 mm |
| Capacity: | 250 Watt |
| No load current: | 25000 r.p.m. |
| Vibration: | < 0,1 ms ² |
| Noise performance level: | 95 dbA |
| Noise pressure level: | 82 dbA |
| Air consumption: | 85 l/min |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4"PT |

| | B mm | L mm | kg |
|----------|-------|-------|-----|
| 515.3005 | 365.0 | 155.0 | 920 |

Long shaft die grinder

- Straight design
- Air exhaust through the handle rear end
- For one handed operation with ergonomic design
- For HM mills, mini cutting discs and grinding heads with a 6 mm shaft
- Ideal for grinding, polishing and engraving work
- For working in deep lying areas
- Secure operation lever with locking device
- With stepless speed regulation
- Number of revolutions adjustable through regulating screw
- Vibration dampened
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light robust housing special plastic



Technical data:

| | |
|--------------------------|-----------------------|
| Chuck: | 6 mm |
| Capacity: | 330 Watt |
| No load current: | 22000 r.p.m. |
| Vibration: | < 0,1 ms ² |
| Noise performance level: | 95 dbA |
| Noise pressure level: | 82 dbA |
| Air consumption: | 85 l/min |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4"PT |

| | B mm | L mm | kg |
|----------|------|-------|------|
| 515.3015 | 26.5 | 280.0 | 1.08 |

Pneumatic die grinder

- Straight design
- Air exhaust through the handle rear end
- For one handed operation with ergonomic design
- For HM mills, mini cutting discs and grinding heads with a 6 mm shaft
- Ideal for grinding, polishing and engraving work
- For working in hard to access areas
- Very handy and compact construction
- Secure operation lever with locking device
- Number of revolutions adjustable through regulating screw
- Vibration dampened
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light robust housing special plastic



Technical data:

| | |
|--------------------------|-----------------------|
| Chuck: | 6 mm |
| Capacity: | 330 Watt |
| No load current: | 21000 r.p.m. |
| Vibration: | < 0,1 ms ² |
| Noise performance level: | 95 dbA |
| Noise pressure level: | 82 dbA |
| Air consumption: | 85 l/min |
| Operating pressure: | 6,3 bar (90 psi) |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4"PT |

| | B mm | L mm | kg |
|----------|------|-------|-----|
| 515.3010 | 44.0 | 175.0 | 920 |

Long shaft die grinder set

- With 25 mini grinding wheels and mounting mandrel
- Straight design
- Air exhaust through the handle rear end
- For one handed operation with ergonomic design
- For HM mills, mini cutting discs and grindstone with 6 mm shaft
- Ideal for grinding, polishing and engraving work
- For working in deep lying areas
- Secure operation lever with locking device
- With stepless speed regulation
- Number of revolutions adjustable through regulating screw
- Vibration dampened
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light robust housing from special plastic



Technical data:

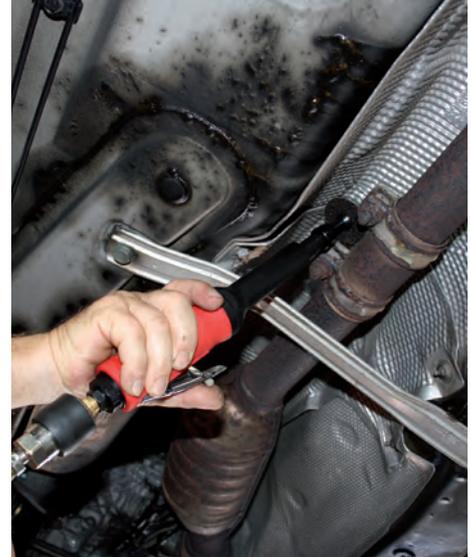
| | |
|--------------------------|-----------------------|
| Chuck: | 6 mm |
| Capacity: | 330 Watt |
| No load current: | 22000 r.p.m. |
| Vibration: | < 0,1 ms ² |
| Noise performance level: | 95 dbA |
| Noise pressure level: | 82 dbA |
| Air consumption: | 85 l/min |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4"PT |

| | B mm | L mm | kg |
|----------|------|-------|------|
| 515.3016 | 26.5 | 280.0 | 1.25 |

consists of:

| | | kg |
|----------|---|------|
| 515.3015 | Long shaft die grinder, 22.000 r.p.m. | 1.08 |
| 337.2005 | High performances thin disk, 1 mm, pack of 25 | 0.10 |
| 515.3017 | Clamping mandrel M6 f. thin cutting disk | 0.07 |

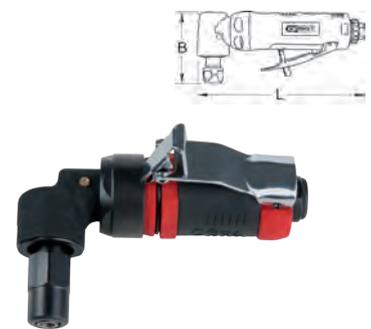
Thin disks can be found in the Cutting tools/brushes and files section on page 649



ANGLE DIE GRINDER

SlimPOWER Pneumatic angled die grinder

- Straight design
- Air exhaust through the handle rear end
- For one handed operation with ergonomic design
- For HM mills, mini cutting discs and grinding heads with a 6 mm shaft
- Ideal for grinding, polishing and engraving work
- For working in hard to access areas
- Secure operation lever with locking device
- With stepless speed regulation
- Vibration dampened
- Includes 1/4" coupling connector
- Robust housing



Technical data:

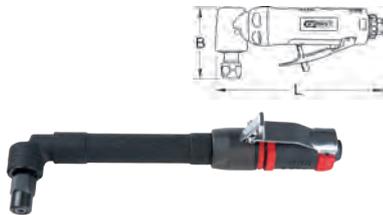
| | |
|--------------------------|-----------------------|
| Chuck: | 6 mm |
| Capacity: | 190 Watt |
| No load current: | 19000 r.p.m. |
| Vibration: | < 1,5 ms ² |
| Noise performance level: | 95 dbA |
| Noise pressure level: | 82 dbA |
| Air consumption: | 240.66 l/min |
| Min. tube diameter: | 1/4" - 4,8 mm |
| Operating pressure: | max. 5,5 bar (80 psi) |
| Connection thread: | 1/4" |

| | B mm | L mm | kg |
|----------|------|-------|-----|
| 515.5035 | 75.0 | 123.0 | 300 |

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SlimPOWER Pneumatic angled die grinder

- Straight design
- Air exhaust through the handle rear end
- For one handed operation with ergonomic design
- For HM mills, mini cutting discs and grinding heads with a 6 mm shaft
- Ideal for grinding, polishing and engraving work
- For working in hard to access areas
- Secure operation lever with locking device
- With stepless speed regulation
- Vibration dampened
- Includes 1/4" coupling connector
- Robust housing



Technical data:

| | |
|--------------------------|-----------------------|
| Chuck: | 6 mm |
| Capacity: | 230 Watt |
| No load current: | 20000 r.p.m. |
| Vibration: | < 1,5 ms ² |
| Noise performance level: | 95 dbA |
| Noise pressure level: | 83 dbA |
| Air consumption: | 319.93 l/min |
| Min. tube diameter: | 1/4" - 6,4 mm |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Connection thread: | 1/4" |

| | B mm | L mm | |
|----------|---------|---------|-----|
| 515.5040 | 70.0 | 270.0 | 700 |

Pneumatic angled die grinder

- 90° offset execution
- Air exhaust through the handle rear end
- For one handed operation with ergonomic design
- For HM mills, mini cutting discs and grinding heads with a 6 mm shaft
- Ideal for grinding, polishing and engraving work
- For working in hard to access areas
- Secure operation lever with locking device
- With stepless speed regulation
- Number of revolutions adjustable through regulating screw
- Vibration dampened
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light robust housing from special plastic
- Grease nipple for maintenance on striking mechanism ensures long life (KS grease gun 980.1070)



Technical data:

| | |
|--------------------------|-----------------------|
| Angle size: | 80 mm |
| Chuck: | 6 mm |
| Capacity: | 330 Watt |
| No load current: | 18000 r.p.m. |
| Vibration: | < 0,1 ms ² |
| Noise performance level: | 95 dbA |
| Noise pressure level: | 82 dbA |
| Air consumption: | 85 l/min |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4"PT |

| | B mm | L mm | |
|----------|---------|---------|------|
| 515.3020 | 80.0 | 180.0 | 0.92 |

BURNISHER

SlimPOWER mini pneumatic burnisher

- 90° offset execution
- Air exhaust through the handle rear end
- For one hand operation
- Ideal for curved cutting
- For working in hard to access areas
- Secure operation lever with locking device
- With stepless speed regulation
- Vibration dampened
- Very compact construction
- Receiver: External thread
- Includes 3 Velcro receivers
- Includes 1/4" coupling connector
- Robust housing



Technical data:

| | |
|----------------------------|-----------------------|
| Capacity: | 190 Watt |
| No load current: | 4000 r.p.m. |
| Sponge diameter: | 50 + 75 mm |
| Polishing sponge diameter: | 46 mm |
| Vibration: | 1,5 ms ² |
| Noise performance level: | 95 dbA |
| Noise pressure level: | 81 dbA |
| Air consumption: | 240.66 l/min |
| Min. tube diameter: | 1/4" - 4,8 mm |
| Operating pressure: | max. 5,5 bar (80 psi) |
| Connection thread: | 1/4" |

| | B mm | L mm | |
|----------|---------|---------|-----|
| 515.5125 | 55.0 | 140.0 | 600 |

Grinding disc

- With Velcro receiver
- With internal thread receiver



| | Ø mm | Material | Content | |
|----------|---------|----------|---------|----|
| 515.5101 | 46,0 | flexible | 5 | 13 |
| 515.5102 | 75,0 | flexible | 5 | 20 |
| 515.5103 | 46,0 | rigid | 5 | 13 |

Burnishing pads

- For burnishing of smooth surfaces



| | Ø mm | Material | Colour code | Content | |
|----------|---------|----------|-------------|---------|-----|
| 515.5126 | 50,0 | plastic | yellow | 5 | 10 |
| 515.5122 | 85,0 | plastic | yellow | 5 | 55 |
| 515.5127 | 50,0 | plastic | white | 5 | 10 |
| 515.5123 | 85,0 | plastic | white | 5 | 55 |
| 515.5128 | 50,0 | plastic | black | 5 | 10 |
| 515.5129 | 50,0 | leather | | 5 | 48 |
| 515.5124 | 80,0 | leather | | 5 | 102 |

Mini pneumatic burnisher set

- For hard to reach places and improvement work
- With non-slip soft-grip-handle
- 90° offset execution
- Air exhaust through the handle rear end
- For one hand operation
- Ideal for curved cutting
- For working in hard to access areas
- Vibration dampened
- Very compact construction
- Grinding disc with Velcro
- Includes 1/4" coupling connector
- Receiver: Internal thread
- Robust housing
- In durable plastic storage case



Technical data:

| | |
|--------------------------|---------------------|
| No load current: | 2500 r.p.m. |
| Vibration: | 1,5 ms ² |
| Noise performance level: | 92 dbA |
| Noise pressure level: | 81 dbA |
| Air consumption: | 113 l/min |
| Operating pressure: | max. 5,2 |
| Min. tube diameter: | 10 mm |
| Connection thread: | 1/4" |

| 515.5120 | 5 pcs Mini pneumatic burnisher set | 1.96 |
|----------|------------------------------------|------|

consists of:

| 515.5121 | 1/4" mini burnishing machine | 680 |
|----------|-------------------------------------|-----|
| 515.5122 | Plastic pad, yellow, Ø 85.0 mm | 55 |
| 515.5123 | Plastic pad, white, Ø 85.0 mm | 55 |
| 515.5124 | Burnishing pad, lambskin, Ø 80.0 mm | 102 |
| 515.5112 | Grinding disc Ø76.5 mm | 20 |

Grinding disc

- With Velcro receiver
- With external thread receiver



| | Ø mm | Material | Content | |
|----------|---------|----------|---------|----|
| 515.5113 | 46,0 | flexible | 5 | 13 |
| 515.5112 | 76,5 | flexible | 5 | 20 |

Burnishing pads

- For burnishing of smooth surfaces

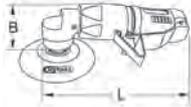


| | Ø mm | Material | Colour code | Content | |
|----------|---------|----------|-------------|---------|-----|
| 515.5126 | 50,0 | plastic | yellow | 5 | 10 |
| 515.5122 | 85,0 | plastic | yellow | 5 | 55 |
| 515.5127 | 50,0 | plastic | white | 5 | 10 |
| 515.5123 | 85,0 | plastic | white | 5 | 55 |
| 515.5128 | 50,0 | plastic | black | 5 | 10 |
| 515.5129 | 50,0 | leather | | 5 | 48 |
| 515.5124 | 80,0 | leather | | 5 | 102 |

GRINDING MACHINES

SlimPOWER mini pneumatic grinding machine

- 90° offset execution
- Air exhaust through the handle rear end
- For one hand operation
- Ideal for curved cutting
- For working in hard to access areas
- Secure operation lever with locking device
- With stepless speed regulation
- Vibration dampened
- Very compact construction
- Includes 1/4" coupling connector
- Receiver: External thread
- Robust housing
- Incl. three grinding discs



Technical data:

Capacity: 190 Watt
 No load current: 16500 r.p.m.
 Sponge diameter: 50 + 75 mm
 Polishing sponge diameter: 46 mm
 Vibration: < 1,5 ms²
 Noise performance level: 95 dbA
 Noise pressure level: 81 dbA
 Air consumption: 240.66 l/min
 Min. tube diameter: 1/4" - 4,8 mm
 Operating pressure: max. 5,5 bar (80 psi)
 Connection thread: 1/4"

| | B mm | L mm | g |
|----------|------|-------|-----|
| 515.5100 | 40,0 | 120,0 | 300 |

Grinding disc

- With Velcro receiver
- With internal thread receiver



| | Ø mm | Material | Content | g |
|----------|------|----------|---------|----|
| 515.5101 | 46,0 | flexible | 5 | 13 |
| 515.5102 | 75,0 | flexible | 5 | 20 |
| 515.5103 | 46,0 | rigid | 5 | 13 |

Grinding pads

- For polishing rough surfaces made from wood, metal, varnish and natural stone
- For breaking edges



| | Ø mm | Grain | Content | g |
|----------|------|-------|---------|----|
| 515.5119 | 50,0 | 320 | 10 | 16 |
| 515.5116 | 75,0 | 320 | 10 | 19 |
| 515.5118 | 50,0 | 400 | 10 | 16 |
| 515.5115 | 75,0 | 400 | 10 | 19 |
| 515.5117 | 50,0 | 600 | 10 | 16 |
| 515.5114 | 75,0 | 600 | 10 | 19 |

SlimPOWER mini pneumatic grinding machine for small pads

- 90° offset execution
- Air exhaust through the handle rear end
- For one hand operation
- Ideal for curved cutting
- For working in hard to access areas
- Secure operation lever with locking device
- With stepless speed regulation
- Vibration dampened
- Very compact construction
- For screw in pads with 26.7 mm diameter
- Includes 1/4" coupling connector
- Receiver: Internal thread
- Robust housing



Technical data:

No load current: 16500 r.p.m.
 Vibration: < 1,5 ms²
 Noise performance level: 92 dbA
 Noise pressure level: 81 dbA
 Air consumption: 240.66 l/min
 Min. tube diameter: 1/4" - 4,8 mm
 Operating pressure: max. 5,5 bar (80 psi)
 Connection thread: 1/4"

| | B mm | L mm | g |
|----------|------|-------|-----|
| 515.5070 | 65,0 | 120,0 | 300 |

Grinding pads 26.7 mm

- For polishing rough surfaces made from wood, metal, varnish and natural stone
- For breaking edges
- With external thread receiver



| | Material | Ø mm | Grain | Colour code | Content | g |
|----------|-----------|------|-------|-------------|---------|----|
| 515.5071 | | 26,7 | 60 | brown | 10 | 10 |
| 515.5072 | | 26,7 | 80 | brown | 10 | 20 |
| 515.5073 | | 26,7 | 150 | purple | 10 | 20 |
| 515.5074 | | 26,7 | 300 | blue | 10 | 20 |
| 515.5075 | Strip Rad | 26,7 | | black | 10 | 25 |

SlimPOWER mini pneumatic grinding machine for large pads

- 90° offset execution
- Air exhaust through the handle rear end
- For one hand operation
- Ideal for curved cutting
- For working in hard to access areas
- Secure operation lever with locking device
- With stepless speed regulation
- Vibration dampened
- Very compact construction
- For screw in pads with 50.0 mm diameter
- Includes 1/4" coupling connector
- Receiver: Internal thread
- Robust housing



Technical data:

No load current: 16500 r.p.m.
 Vibration: < 1,5 ms²
 Noise performance level: 92 dbA
 Noise pressure level: 81 dbA
 Air consumption: 240.66 l/min
 Min. tube diameter: 1/4" - 4,8 mm
 Operating pressure: max. 5,5 bar (80 psi)
 Connection thread: 1/4"

| | B mm | L mm | g |
|----------|------|-------|-----|
| 515.5080 | 70,0 | 120,0 | 300 |

Grinding pads 50.0 mm

- For polishing rough surfaces made from wood, metal, varnish and natural stone
- For breaking edges
- With external thread receiver

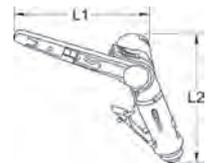


| | Material | Ø mm | Grain | Colour code | Content | g |
|----------|---------------|------|-------|-------------|---------|-----|
| 515.5081 | Scouring wool | 50,0 | | white | 10 | 100 |
| 515.5083 | Sand paper | 50,0 | 80 | brown | 10 | 90 |
| 515.5084 | Sand paper | 50,0 | 150 | purple | 10 | 100 |
| 515.5082 | Sand paper | 50,0 | 240 | brown | 10 | 60 |
| 515.5085 | Sand paper | 50,0 | 300 | blue | 10 | 90 |
| 515.5086 | Strip Rad | 50,0 | | purple | 10 | 160 |
| 515.5087 | Strip Rad | 50,0 | | black | 10 | 120 |

BELT SANDER

Belt sander

- With non slip soft grip handle
- Air exhaust through the handle rear end
- Working head is 360° adjustable
- Adjustable for quick sanding belt change
- Ideal for narrow areas (10 mm belt width)
- Secure operation lever with locking device
- With stepless speed regulation
- Number of revolutions adjustable through regulating screw
- Vibration dampened
- Cold insulated handle
- Includes 1/4" coupling connector
- Light aluminium housing



Technical data:

Belt speed: 1188 m/min
 No load current: 18000 r.p.m.
 Vibration: < 2,0 ms²
 Noise performance level: 81 dbA
 Noise pressure level: 73 dbA
 Air consumption: 142 l/min
 Operating pressure: max. 6,3 bar (90 psi)
 Min. tube diameter: 3/8" - 10 mm
 Connection thread: 1/4"PT

| | L1 mm | L2 mm | g |
|----------|-------|-------|-----|
| 515.3549 | 150,0 | 170,0 | 800 |

Sanding belt for belt sander

- Sanding belt for belt sander 515.3549



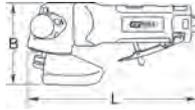
| | Grain | Content | g |
|----------|-------|---------|-----|
| 515.3551 | 80 | 10 | 60 |
| 515.3552 | 100 | 10 | 80 |
| 515.3553 | 120 | 10 | 100 |

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ROUGH GRINDERS

Pneumatic disc cutter

- Air exhaust through the handle rear end
- For grinding wheels up to Ø 125 mm x 22 mm
- With safety cover
- For grinding metal sheet and steel
- Secure operation lever with locking device
- With detachable second handle
- With stepless speed regulation
- Vibration dampened
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light robust housing from special plastic



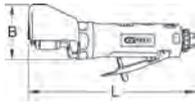
Technical data:

| | |
|--------------------------|-----------------------|
| Tool holder: | 5/8" - 11 Gang |
| No load current: | 10000 r.p.m. |
| Capacity: | 700 Watt |
| Vibration: | < 0,2 ms ² |
| Noise performance level: | 103 dbA |
| Noise pressure level: | 90 dbA |
| Air consumption: | 142 l/min |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4"PT |

| | B mm | L mm | kg |
|----------|---------|---------|------|
| 515.3045 | 95.0 | 210.0 | 1.75 |

Pneumatic disc cutter

- Air exhaust through the handle rear end
- For one handed operation with ergonomic design
- For cutting wheels up to Ø 75 mm x 10 mm
- With safety cover
- For cutting metal sheet and steel
- Secure operation lever with locking device
- For working in inaccessible places
- With stepless speed regulation
- Number of revolutions adjustable through regulating screw
- Vibration dampened
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light robust housing special plastic



Technical data:

| | |
|--------------------------|-----------------------|
| Tool holder: | 5/16" - 24 mm |
| No load current: | 21000 r.p.m. |
| Capacity: | 330 Watt |
| Vibration: | < 0,2 ms ² |
| Noise performance level: | 95 dbA |
| Noise pressure level: | 82 dbA |
| Air consumption: | 85 l/min |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4"PT |

| | B mm | L mm | kg |
|----------|---------|---------|------|
| 515.3040 | 80.0 | 195.0 | 1.00 |

RANDOM ORBIT SANDERS

Mini pneumatic random orbital sander set

- For hard to reach places and improvement work
- With non-slip soft-grip-handle
- 90° offset execution
- Air exhaust through the handle rear end
- For one hand operation
- Ideal for curved cutting
- For working in hard to access areas
- Vibration dampened
- Very compact construction
- Includes 1/4" coupling connector
- Receiver: Internal thread
- Robust housing
- Grinding disc with Velcro
- In durable plastic storage case



Technical data:

| | |
|--------------------------|-----------------------|
| No load current: | 15000 r.p.m. |
| Vibration: | < 1,5 ms ² |
| Noise performance level: | 92 dbA |
| Noise pressure level: | 81 dbA |
| Air consumption: | 113 l/min |
| Operating pressure: | max. 5,2 |
| Min. tube diameter: | 10 mm |
| Connection thread: | 1/4" |

| | D mm | L mm | kg |
|----------|---------|--|------|
| 515.5110 | 63 pcs | Mini pneumatic random orbital sander set | 1.45 |

consists of:

| | D mm | L mm | kg |
|----------|---------|---|----|
| 515.5111 | 1000 | Mini random orbital sander | |
| 515.5119 | 16 | Replacement grinding pads graining 320, Ø50 mm, 10pcs | |
| 515.5118 | 16 | Replacement grinding pads graining 400, Ø50 mm, 10pcs | |
| 515.5117 | 16 | Replacement grinding pads graining 600, Ø50 mm, 10pcs | |
| 515.5116 | 19 | Replacement grinding pads graining 320, Ø75 mm, 10pcs | |
| 515.5115 | 19 | Replacement grinding pads graining 400, Ø75 mm, 10pcs | |
| 515.5114 | 19 | Replacement grinding pads graining 600, Ø75 mm, 10pcs | |
| 515.5113 | 13 | Grinding disc Ø 46.0 mm | |
| 515.5112 | 20 | Grinding disc Ø76.5 mm | |

Grinding disc

- With Velcro receiver
- With external thread receiver



| | Ø mm | Material | Content | kg |
|----------|---------|----------|---------|----|
| 515.5113 | 46,0 | flexible | 5 | 13 |
| 515.5112 | 76,5 | flexible | 5 | 20 |

Grinding pads

- For polishing rough surfaces made from wood, metal, varnish and natural stone
- For breaking edges



| | Ø mm | Grain | Content | kg |
|----------|---------|-------|---------|----|
| 515.5119 | 50,0 | 320 | 10 | 16 |
| 515.5116 | 75,0 | 320 | 10 | 19 |
| 515.5118 | 50,0 | 400 | 10 | 16 |
| 515.5115 | 75,0 | 400 | 10 | 19 |
| 515.5117 | 50,0 | 600 | 10 | 16 |
| 515.5114 | 75,0 | 600 | 10 | 19 |

Fine finish eccentric sander with dust extraction

- Air exhaust through the used air tube
- With ergonomic design for fatigue free working
- Compact construction height and light composite housing for controlled working
- For sanding or polishing
- Alternatively can be used with dust bag or industrial vacuum cleaner
- Includes fabric dust collection bag
- With 6 punched hole in pitch circle: 80 mm / Ø 11 mm
- With stepless speed regulation
- Low vibration
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light robust housing special plastic



Technical data:

| | |
|--------------------------|-----------------------|
| Sanding radius: | 2,5 mm |
| Velcro disc receiver: | Ø 152,4 mm = 6" |
| Tube length: | 2 m |
| Capacity: | 240 Watt |
| No load current: | 10000 r.p.m. |
| Vibration: | 3,5 ms ² |
| Noise performance level: | 71 dbA |
| Noise pressure level: | 60 dbA |
| Air consumption: | 255 l/min |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Min. tube diameter: | 1/4" - 6,35 mm |
| Connection thread: | 1/4"PT |

| | D mm | L mm | kg |
|----------|---------|---------|-----|
| 515.3061 | 150.0 | 100.0 | 900 |

Rapid removal eccentric sander with dust extraction

- Air exhaust through the used air tube
- With ergonomic design for fatigue free working
- Compact construction height and light composite housing for controlled working
- For sanding or polishing
- Alternatively can be used with dust bag or industrial vacuum cleaner
- Includes fabric dust collection bag
- With 6 punched hole in pitch circle: 80 mm / Ø 11 mm
- With stepless speed regulation
- Low vibration
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light robust housing special plastic



Technical data:

| | |
|--------------------------|-----------------------|
| Sanding radius: | 5 mm |
| Velcro disc receiver: | Ø 152,4 mm = 6" |
| Tube length: | 2 m |
| Capacity: | 240 Watt |
| No load current: | 10000 r.p.m. |
| Vibration: | 3,5 ms ² |
| Noise performance level: | 71 dbA |
| Noise pressure level: | 60 dbA |
| Air consumption: | 225 l/min |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Min. tube diameter: | 1/4" - 6,35 mm |
| Connection thread: | 1/4"PT |

| | D mm | L mm | kg |
|----------|---------|---------|-----|
| 515.3066 | 150.0 | 100.0 | 900 |

MULTIGRINDER

Pneumatic multi-grinder set

- For removing underbody coating, sealant, rust, corrosion, clingages, paints, films, text as well as for paint stripping
- With non-slip soft-grip-handle
- For hard to reach places
- Air exhaust through the handle rear end
- Easy operation
- Ideal for grinding and erasing work
- For working in hard to access areas
- Vibration dampened
- Includes 1/4" coupling connector
- Robust housing
- In durable plastic storage case



Technical data:

- No load current: 3500 r.p.m.
- Vibration: < 4,4 ms²
- Noise performance level: 94 dbA
- Noise pressure level: 88 dbA
- Air consumption: 113 l/min
- Operating pressure: 6.2
- Min. tube diameter: 1/4" - 6,3 mm
- Connection thread: 1/4"

| 🔧 | | | |
|----------|--------|-----------------------------|------|
| 515.5130 | 17 pcs | Pneumatic multi-grinder set | 4.67 |

consists of:

| 🔧 | | |
|----------|---|------|
| 515.5131 | Mini multi-grinder with handle | 1040 |
| 515.5132 | Film eraser, light execution | 240 |
| 515.5133 | Film eraser, dark execution | 260 |
| 515.5134 | Adaptor for film eraser | 100 |
| 515.5135 | Brushing belt, coarse, curved tips, 11 mm | 20 |
| 515.5136 | Brushing belt, coarse, curved tips, 23 mm | 60 |
| 515.5137 | Brushing belt, straight tips, 11 mm | 20 |
| 515.5138 | Brushing belt, straight tips, 23 mm | 60 |
| 515.5139 | Eliminator disc 15 mm | 40 |
| 515.5166 | Adaptor for 11 mm Ø brushing belt | 80 |
| 515.5167 | Adaptor for individual eliminator disc, 19 mm | 80 |
| 515.5168 | Adaptor for double eliminator disc, 31 mm | 100 |

ERASER

Pneumatic erasing machine

- Straight design
- Air exhaust through the handle rear end
- For one handed operation with ergonomic design
- Ideal for removing of stickers glue and color remainders
- Includes neutral colored rubber eraser disc
- Stepless speed regulation
- Number of revolutions adjustable through regulating screw
- Vibration dampened
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light robust housing from special plastic



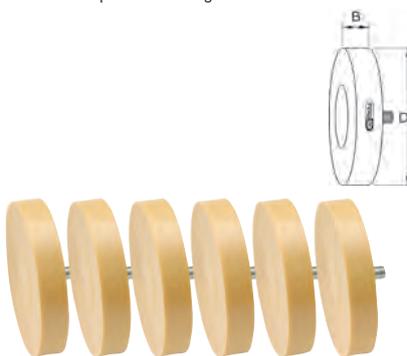
Technical data:

- Tool holder: 5/16" - 24
- Capacity: 330 Watt
- No load current: 2600 r.p.m.
- Vibration: < 0,1 ms²
- Noise performance level: 95 dbA
- Noise pressure level: 82 dbA
- Air consumption: 85 l/min
- Operating pressure: max. 6,3 bar (90 psi)
- Min. tube diameter: 3/8" - 10 mm
- Connection thread: 1/4"PT

| | B mm | L mm | Eraser wheels | 🔧 |
|----------|------|-------|---------------|------|
| 515.1244 | 40.0 | 225.0 | 515.1243 | 1.08 |

Rubber eraser disc

- For removing of stickers, glue and color remainders on varnished areas
- Includes neutral colored rubber eraser preventing a smearing on the surface
- Not suitable for pneumatic die grinders



Technical data:

- Speed: 4000 rpm
- Shaft: M8

| | B mm | D mm | Content | 🔧 |
|----------|------|------|---------|-----|
| 515.1243 | 15.0 | 90.0 | 1 | 110 |
| 515.1285 | 15.0 | 90.0 | 6 | 660 |



CHISEL HAMMER

Pneumatic chisel set

- Non slip soft grip handle
- Air exhaust through the handle
- Ultra light housing from two component plastic
- Ergonomic designed handle
- For ripping out car body sheet metal with compressed air
- Ideal for industry
- Also suitable for loosening firmly rusted fittings
- Stepless impact regulation
- Vibration dampened
- Cold insulated handle
- Includes 1/4" coupling connector
- In durable plastic case



Technical data:

- Chisel holder: 10 mm
- Number of blows: 3000 blows/min
- No load current: 3200 r.p.m.
- Vibration: 8,5 ms²
- Noise performance level: 99.2 dbA
- Noise pressure level: 110.9 dbA
- Air consumption: 270 l/min
- Operating pressure: max. 6,3 bar (90 psi)
- Min. tube diameter: 3/8"
- Connection thread: 1/4"PT

| 🔧 | | | |
|----------|-------|----------------------|------|
| 515.3810 | 7 pcs | Pneumatic chisel set | 1.70 |

consists of:

| 🔧 | | |
|----------|--------------------------------------|------|
| 515.3801 | Pointed chisel | 137 |
| 515.3802 | Sheet metal cutting chisel | 147 |
| 515.3803 | Rivet cutting chisel, curved | 146 |
| 515.3804 | Flat chisel 19 mm | 150 |
| 515.3805 | Curved cutting chisel | 146 |
| 515.3806 | Pneumatic chisel with 1/4" connector | 1550 |
| 515.3815 | Holder for air chisel set | 126 |

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Pneumatic chisel set

- Non slip soft grip handle
- Air exhaust through the handle
- Ergonomic designed handle
- For ripping out car body sheet metal with compressed air
- Ideal for industry
- Also suitable for loosening firmly rusted fittings
- Quick release chuck for quick chisel changing
- Stepless impact regulation
- Vibration dampened
- Cold insulated handle
- Includes 1/4" coupling connector and chuck
- Ultra light housing from two component plastic
- In durable plastic case



Technical data:

| | |
|--------------------------|-----------------------|
| Chisel holder: | 10 mm |
| Number of blows: | 2900 blows/min |
| Vibration: | 5,35 ms ² |
| Noise performance level: | 104,9 dbA |
| Noise pressure level: | 90,4 dbA |
| Air consumption: | 77,3 l/min |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Connection thread: | 1/4"PT |

| K | | |
|----------|-------|---------------------------|
| 515.3840 | 7 pcs | Pneumatic chisel set 1.70 |

consists of:

| K | | |
|----------|-----------------------------------|------|
| 515.3841 | AIR CHISEL | 1.50 |
| 515.3842 | Rivet cutting chisel | 0.17 |
| 515.3843 | Spot weld chisel | 0.16 |
| 515.3844 | Flat chisel | 0.16 |
| 515.3845 | Pointed chisel | 0.16 |
| 515.3846 | Curved sheet metal cutting chisel | 0.16 |
| 515.3847 | Quick change retainer | 0.10 |



Vibro impact pneumatic chisel hammer set

- With non slip soft grip handle
- Air exhaust through the handle
- Ergonomic designed handle
- Ideal for industry
- Efficient, gentle loosening of screw fittings
- With stepless impact regulation
- Vibration dampened
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light housing from two component plastic



| K | | | |
|----------|-------|--|------|
| 515.3880 | 6 pcs | Vibro impact pneumatic chisel hammer set | 5.70 |

consists of:

| K | | | |
|----------|---|------|--|
| 515.3881 | Pneumatic chisel hammer | 2.17 | |
| 515.3882 | Holder for pneumatic chisel hammer | 1.55 | |
| 515.3886 | Pneumatic chisel track rod loosener, 110mm | 0.14 | |
| 515.3887 | Pneumatic chisel hammer, 110mm | 0.15 | |
| 515.3888 | Pneumatic chisel loosening adapter, 130mm | 0.16 | |
| 515.3889 | Pneumatic chisel loosening mandrel, 100x25x12mm | 0.19 | |

Special Vibro chisel set

- For loosening seized screw joints and loosening components
- Gentle peeling and driving
- Vibration is transmitted directly to the screw connections
- Impact mandrel attachment as ingenious aid to any removal operation
- For hexagonal and round 10 mm machine mountings
- Including pressure plate adapter for driving out bearings, sleeves, bushings

Caution: Use only in conjunction with a pneumatic hammer chisel!



| K | | | |
|----------|-------|--------------------------|-----|
| 515.3885 | 4 pcs | Special Vibro chisel set | 774 |

consists of:

| K | | | |
|----------|---|-----|--|
| 515.3886 | Pneumatic chisel track rod loosener, 110mm | 138 | |
| 515.3887 | Pneumatic chisel hammer, 110mm | 148 | |
| 515.3888 | Pneumatic chisel loosening adapter, 130mm | 159 | |
| 515.3889 | Pneumatic chisel loosening mandrel, 100x25x12mm | 190 | |

NEEDLE SCALER

Pneumatic needle scaler

- In handy pistol design
- Air exhaust through the handle
- For removing and/or derusting of coatings and solid metal parts
- Is coarser than a sand blasting and finer than rust hammers
- Equipped with 19 needles of 3 mm a piece
- With adjustable needle cover
- Cold insulated handle
- Includes 1/4" coupling connector
- Robust steel housing



Technical data:

| | |
|--------------------------|-----------------------|
| Needle amount: | 19 pcs. à 3 mm |
| Number of blows: | 3200 blows/min |
| Vibration: | 13,9 ms ² |
| Noise performance level: | 110 dbA |
| Noise pressure level: | 97 dbA |
| Air consumption: | 170 l/min |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4"PT |

| | B mm | D mm | L mm | Replacement needle pack | K |
|----------|-------|------|-------|-------------------------|------|
| 515.3070 | 205.0 | 45.0 | 330.0 | 515.3071 | 2.60 |

NIBBLERS

Pneumatic nibbler

- 90° offset execution
- Air exhaust through the handle rear end
- For one handed operation with ergonomic design
- Ideal for curved and straight cutting
- Cut is made by punching a series of holes sequentially in sheet metal
- Also suitable for plastic cutting
- For extremely small radius
- With stepless speed regulation
- Vibration dampened
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light robust housing special plastic



Technical data:

| | |
|--------------------------|----------------------------------|
| Cutting speed: | 2,6 m/min |
| Cutting output: | steel 1,2 mm Aluminium 1,6 mm |
| Cutting width: | 4,5 mm |
| Capacity: | 330 Watt |
| Vibration: | < 0,5 ms ² |
| Noise performance level: | 95 dbA |
| Noise pressure level: | 82 dbA |
| Air consumption: | 85 l/min |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4"PT |

| | B mm | L mm | K |
|----------|-------|-------|------|
| 515.3050 | 100.0 | 190.0 | 1.15 |

SAWING

SlimPOWER pneumatic reciprocating bodywork key hole saw

- Air exhaust through the used air tube to the rear
- For one handed operation
- For works in car body panels, beams and profile
- Secure operation lever with locking device
- Suitable for small sawing radius
- Stepless speed regulation
- Vibration dampened
- Includes 1/4" coupling connector
- Robust metal housing



Technical data:

Stroke: 7.9 mm
 Cutting strokes: 5760 strokes/min
 Capacity: 190 Watt
 Vibration: < 16,4 ms²
 Noise pressure level: 92 dbA
 Noise performance level: 81.0 dbA
 Air consumption: 240.66 l/min
 Operating pressure: max. 5,5 bar (80 psi)
 Min. tube diameter: 4,8 mm
 Connection thread: 1/4"

| | B mm | L mm | | |
|----------|------|-------|-------------|-----|
| 515.5045 | 36.0 | 170.0 | 129.3740-46 | 500 |

LONG-DISC CUTTER

SlimPOWER short disc cutter

- Air exhaust through the handle rear end
- For cutting wheels up to Ø 50,4 x 11 x 9,56 mm
- For grinding wheels up to Ø 59,0 x 4,0 x 9,56 mm
- Ideal for loosening worn down and/or rusted connections
- Adjustable sparkguard
- For working in inaccessible places
- Long service life
- Secure operation lever with locking device
- With stepless speed regulation
- Vibration dampened
- Includes 1/4" coupling connector
- Robust housing



Technical data:

Tool holder: 9,60 mm
 Capacity: 230 Watt
 No load current: 16500 r.p.m.
 Vibration: < 2,0 ms²
 Noise performance level: 95 dbA
 Noise pressure level: 81 dbA
 Air consumption: 240.66 l/min
 Operating pressure: max. 5,5 bar (80 psi)
 Min. tube diameter: 1/4" - 4,8 mm
 Connection thread: 1/4"

| | B mm | L mm | |
|----------|------|-------|-----|
| 515.5050 | 60.0 | 125.0 | 400 |



SlimPOWER mini pneumatic disc cutter, long

- Air exhaust through the handle rear end
- For cutting wheels up to Ø 75,0 x 1,35 x 9,56 mm
- Ideal for loosening worn down and/or rusted connections
- Fixed sparkguard
- For working in inaccessible places
- Long service life
- Secure operation lever with locking device
- With stepless speed regulation
- Vibration dampened
- Very compact construction
- Includes 1/4" coupling connector
- Robust housing



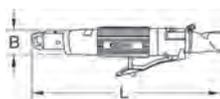
Technical data:

Tool holder: 9,56 mm
 Capacity: 230 Watt
 No load current: 19000 r.p.m.
 Vibration: < 1,5 ms²
 Noise performance level: 99,9 dbA
 Noise pressure level: 86 dbA
 Air consumption: 319.93 l/min
 Operating pressure: max. 6,2 (90 psi)
 Min. tube diameter: 1/4" - 6,4 mm
 Connection thread: 1/4"

| | B mm | L mm | |
|----------|------|-------|-----|
| 515.5060 | 50.0 | 275.0 | 700 |

Pneumatic reciprocating bodywork saw, low vibration

- Air exhaust through the used air tube to the rear
- For one handed operation with ergonomic design
- For works in car body panels, beams and profile
- Secure operation lever with locking device
- Suitable for small sawing radius
- Stepless speed regulation
- Number of revolutions adjustable through regulating screw
- Vibration dampened
- Cold insulated handle
- Includes 1/4" coupling connector
- Robust metal housing



Technical data:

Stroke: 10 mm
 Cutting strokes: 5760 strokes/min
 Vibration: < 9,1 ms²
 Noise pressure level: 69,2 dbA
 Noise performance level: 81,0 dbA
 Air consumption: 196 l/min
 Operating pressure: max. 6,3 bar (90 psi)
 Min. tube diameter: 3/8" - 10 mm
 Connection thread: 1/4"PT

| | B mm | L mm | | |
|----------|------|-------|-------------|------|
| 515.3000 | 45.0 | 790.0 | 129.3740-46 | 0.80 |

SlimPOWER mini pneumatic long-disc cutter

- Air exhaust through the handle rear end
- For cutting wheels up to Ø 75,0 x 1,35 x 9,56 mm
- Ideal for loosening worn down and/or rusted connections
- Fixed sparkguard
- For working in inaccessible places
- Long service life
- Secure operation lever with locking device
- With stepless speed regulation
- Vibration dampened
- Very compact construction
- Includes 1/4" coupling connector
- Robust housing



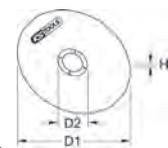
Technical data:

Tool holder: 9,56 mm
 Capacity: 230 Watt
 No load current: 19000 r.p.m.
 Vibration: < 1,5 ms²
 Noise performance level: 99,9 dbA
 Noise pressure level: 81 dbA
 Air consumption: 319.93 l/min
 Operating pressure: max. 6,2 bar (90 psi)
 Min. tube diameter: 1/4" - 6,4 mm
 Connection thread: 1/4"

| | B mm | L mm | |
|----------|------|-------|-----|
| 515.5055 | 50.0 | 230.0 | 500 |

High performances thin disk

- Exact and clean cut
- No deburring necessary
- Very short cutting times
- Machine load reduced
- Inox stainless steel



| | RPM max | D1 mm | D2 mm | H mm | Center | |
|----------|---------|-------|-------|------|--------|-----|
| 515.5056 | 3600 | 50,0 | 10 | 1,1 | 50 | 650 |
| 515.5057 | 20100 | 75,0 | 10 | 1,5 | 50 | 710 |

Allround flapwheel, curved

- For universal usage
- Zirconium aluminum oxide on a glassfibre plate
- Fan like and radial arrangement of the multi purpose disc
- High level of flexibility
- Consistent high cutting power

Ideal for use in metal, stainless steel, wood and plastic.

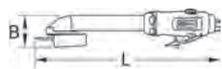


| | RPM max | D1 mm | D2 mm | H mm | Content | |
|----------|---------|-------|-------|------|---------|-----|
| 515.5058 | 22000 | 59,0 | 9,56 | 4,0 | 25 | 710 |



Long disc cutter

- Air exhaust through the handle rear end
- With practical clockwise and anticlockwise switch
- For cutting wheels up to Ø 100 x 1,0 x 10 mm
- Ideal for loosening worn down and/or rusted connections
- Adjustable sparkguard
- For working in inaccessible places
- Long service life
- Secure operation lever with locking device
- With stepless speed regulation
- Number of revolutions adjustable through regulating wheel
- Vibration dampened
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light robust housing special plastic
- Grease nipple for maintenance on striking mechanism ensures long life (KS grease gun 980.1070)



Technical data:

| | |
|--------------------------|-----------------------|
| No load current: | 12000 r.p.m. |
| Vibration: | < 2,0 ms ² |
| Noise performance level: | 100 dbA |
| Noise pressure level: | 90 dbA |
| Air consumption: | 142 l/min |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Drive: | 16 mm / M10 x 1,0 mm |
| Min. tube diameter: | 1/4" - 6,35 mm |
| Connection thread: | 1/4"PT |

| | B mm | L mm | Replacement cut off wheels | |
|----------|------|-------|----------------------------|------|
| 515.3075 | 60,0 | 400,0 | 337.2010 | 1,80 |

High performances thin disk

- Exact and clean cut
- No deburring necessary
- Very short cutting times
- Machine load reduced
- Inox stainless steel

Ideal for use in very thin materials until 2.5 mm, tool steel, sheet metal, thin walled pipes and profiles all type suited for locksmiths, car body building, sanitary and heating fitting, plumbing, sheet metal processing, carpentry, joinery, roofing, metal processing and all motor vehicles businesses.

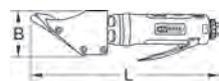


| | RPM max | D1 mm | D2 mm | H mm | Content | |
|----------|---------|-------|-------|------|---------|------|
| 337.2010 | 15250 | 100,0 | 16,0 | 1,6 | 25 | 1200 |

METAL SHEARS

Pneumatic sheet metal shear

- Air exhaust through the handle rear end
- For one handed operation with ergonomic design
- Ideal for the cutting of car body sheet metal and aluminium sheet
- Eccentric cutting drive
- For curved cutting up to 100 mm radius
- With stepless speed regulation
- Number of revolutions adjustable through regulating screw
- Vibration dampened
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light robust housing special plastic



Technical data:

| | |
|--------------------------|----------------------------------|
| Cutting speed: | 2,6 m/min |
| Cutting output: | steel 1,2 mm Aluminium 1,6 mm |
| Cutting width: | 5,0 mm |
| Vibration: | < 9,1 ms ² |
| Noise performance level: | 95 dbA |
| Noise pressure level: | 82 dbA |
| Air consumption: | 85 l/min |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4"PT |

| | B mm | L mm | |
|----------|------|-------|------------------|
| 515.3055 | 59,0 | 250,0 | 515.3055-40 1,25 |

IMPACT WRENCHES

Mini pneumatic impact wrench 433 N·m

- With non slip soft grip handle
- Air exhaust through the handle
- With practical clockwise and anticlockwise switch
- Easy operation
- 3 stage torque adjustment
- Low vibration
- High performance double hammer mechanism
- Long service life
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light magnesium housing
- Grease nipple for maintenance on striking mechanism ensures long life (KS grease gun 980.1070)



1/2"

Technical data:

| | |
|--------------------------|---|
| Square drive: | 1/2" |
| Max. tightening torque: | 1 = 217 N·m 2 = 346 N·m 3 = 433 N·m |
| Max. loosening torque: | 433 N·m |
| No load current: | 10000 r.p.m. |
| Vibration: | < 2,01 m/s ² |
| Noise performance level: | 103,8 dbA |
| Noise pressure level: | 92,8 dbA |
| Recommended torque: | 448 N·m |
| Air consumption: | 75 l/min |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Min. tube diameter: | 3/8" - 10 mm |
| Max. screw size: | M13 |

| | B mm | L mm | |
|----------|-------|-------|------|
| 515.1275 | 150,0 | 185,0 | 2,84 |

Pneumatic impact wrench 677 N·m

- With ergonomic soft grip handle
- Air exhaust through the handle
- With practical clockwise and anticlockwise switch
- Easy operation
- 3 stage torque adjustment
- Low vibration
- High performance pin hammer mechanism
- Long service life
- Cold insulated handle
- Includes 1/4" coupling connector
- Light aluminium housing



1/2"

Technical data:

| | |
|--------------------------|---|
| Square drive: | 1/2" |
| Max. tightening torque: | 1 = 474 N·m 2 = 609 N·m 3 = 677 N·m |
| Max. loosening torque: | 850 Nm |
| No load current: | 7000 r.p.m. |
| Vibration: | < 1,13 m/s ² |
| Noise performance level: | 106,1 dbA |
| Noise pressure level: | 95,4 dbA |
| Recommended torque: | 493 Nm |
| Air consumption: | 128 l/min |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Max. screw size: | M16 |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4"PT |

| | B mm | L mm | |
|----------|-------|-------|------|
| 515.1290 | 180,0 | 187,6 | 2,50 |

Pneumatic impact wrench 810 N-m

- With non slip soft grip handle
- Air exhaust through the handle
- With practical clockwise and anticlockwise switch
- Easy operation
- 3 stage torque adjustment
- Low vibration
- High performance double hammer mechanism
- Long service life
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light magnesium housing



1/2"

Technical data:
 Square drive: 1/2"
 Max. tightening torque: 1 = 444 N-m
 2 = 592 N-m
 3 = 810 N-m
 Max. loosening torque: 1490 N-m Nm
 No load current: 7500 r.p.m.
 Vibration: < 2,69 ms²
 Noise performance level: 104 dbA
 Noise pressure level: 88 dbA
 Recommended torque: 542 N-m Nm
 Air consumption: 128 l/min
 Operating pressure: max. 6,3 bar
 Max. screw size: M 16
 Min. tube diameter: 3/8" - 10 mm
 Connection thread: 1/4"PT

| | B mm | L mm | kg |
|----------|-------|-------|------|
| 515.1215 | 190.0 | 208.0 | 2.86 |

MONSTER High Performance Pneumatic impact wrench

- With non slip soft grip handle
- Air exhaust through the handle
- With practical clockwise and anticlockwise switch
- Easy operation
- 3 stage torque adjustment
- Low vibration
- High performance double hammer mechanism
- Long service life
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light Aluminium housing



1/2"

Technical data:
 Square drive: 1/2"
 Max. tightening torque: 1 = 510 N-m
 2 = 680 N-m
 3 = 931 N-m
 Max. loosening torque: 1.690 N-m
 No load current: 7930 r.p.m.
 Vibration: 2,69 ms²
 Noise performance level: 104 dbA
 Noise pressure level: 88 dbA
 Recommended torque: 542 N-m
 Air consumption: 128 l/min
 Operating pressure: max. 6,3 bar
 Max. screw size: M 16
 Min. tube diameter: 3/8" - 10 mm
 Connection thread: 1/4"PT

| | B mm | L mm | kg |
|----------|-------|-------|------|
| 515.1210 | 195.0 | 200.0 | 1.99 |

Pneumatic impact wrench 1490 N-m

- With non slip soft grip handle
- Air exhaust through the handle
- With practical clockwise and anticlockwise switch
- Easy operation
- 3 stage torque adjustment
- Low vibration
- High performance double hammer mechanism
- Long service life
- Cold insulated handle
- Includes 3/8" coupling connector
- Ultra light magnesium housing



1"

Technical data:
 Square drive: 1"
 Max. tightening torque: 1 = 969 N-m
 2 = 1267 N-m
 3 = 1490 N-m
 Max. loosening torque: 1490 N-m Nm
 No load current: 5500 r.p.m.
 Vibration: < 2,64 ms²
 Noise performance level: 106.3 dbA
 Noise pressure level: 95.3 dbA
 Recommended torque: 1089 N-m
 Air consumption: 204 l/min
 Operating pressure: max. 6,3 bar (90 psi)
 Max. screw size: M 30
 Min. tube diameter: 1/2"
 Connection thread: 3/8"PT

| | B mm | L mm | kg |
|----------|-------|-------|------|
| 515.3750 | 230.0 | 227.0 | 5.75 |



Pneumatic impact wrench 1490 N-m

- With non slip soft grip handle
- Air exhaust through the handle
- With practical clockwise and anticlockwise switch
- Easy operation
- 3 stage torque adjustment
- Low vibration
- High performance double hammer mechanism
- Long service life
- Cold insulated handle
- Includes 3/8" coupling connector
- Ultra light magnesium housing



3/4"

Technical data:
 Square drive: 3/4"
 Max. tightening torque: 1 = 969 N-m
 2 = 1267 N-m
 3 = 1490 N-m
 Max. loosening torque: 1490 N-m Nm
 No load current: 5500 r.p.m.
 Vibration: < 2,64 ms²
 Noise performance level: 106.3 dbA
 Noise pressure level: 95.3 dbA
 Recommended torque: 1084 N-m
 Air consumption: 206 l/min
 Operating pressure: max. 6,3 bar (90 psi)
 Max. screw size: M 30
 Min. tube diameter: 1/2"
 Connection thread: 3/8"PT

| | B mm | L mm | kg |
|----------|-------|-------|------|
| 515.3735 | 197.0 | 227.0 | 5.70 |

Pneumatic impact wrench 2169 N-m

- With non slip handle
- Air exhaust through the handle rear end
- With practical clockwise and anticlockwise switch
- Easy operation
- 3 stage torque adjustment
- Low vibration
- High performance double hammer mechanism
- Long service life
- Cold insulated handle
- Includes 1/2" coupling connector
- Ultra light magnesium housing



1"

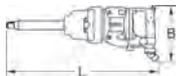
Technical data:
 Square drive: 1"
 Max. tightening torque: 1 = 651 N-m
 2 = 1085 N-m
 3 = 1518 N-m
 4 = 2169 N-m
 Max. loosening torque: 2169 N-m Nm
 No load current: 4500 r.p.m.
 Vibration: < 3,0 ms²
 Noise performance level: 123.6 dbA
 Noise pressure level: 111.3 dbA
 Recommended torque: 1590 N-m
 Air consumption: 283 l/min
 Operating pressure: max. 6,3 bar (90 psi)
 Max. screw size: M 33
 Min. tube diameter: 3/4" - 19 mm
 Connection thread: 1/2"PT

| | B mm | L mm | kg |
|----------|-------|-------|------|
| 515.3770 | 230.0 | 334.0 | 9.74 |

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Pneumatic impact wrench 3388 N·m

- With non slip handle
- Air exhaust through the handle rear end
- With practical clockwise and anticlockwise switch
- Easy operation
- 4 stage torque adjustment
- Low vibration
- High performance double hammer mechanism
- Long service life
- Includes 1/2" coupling connector
- Ultra light magnesium housing



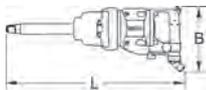
Technical data:

| | |
|--------------------------|--|
| Square drive: | 1" |
| Max. tightening torque: | 1 = 1016 N·m 2 = 1694 N·m 3 = 2372 N·m 4 = 3388 N·m |
| Max. loosening torque: | 3388 N·m |
| No load current: | 4200 r.p.m. |
| Vibration: | < 3,32 ms ² |
| Noise performance level: | 114.7 dbA |
| Noise pressure level: | 103.8 dbA |
| Recommended torque: | 2481 N·m |
| Air consumption: | 283 l/min |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Max. screw size: | M 50 |
| Min. tube diameter: | 3/4" - 19 mm |
| Connection thread: | 1/2"PT |

| | B mm | L mm | kg |
|----------|---------|---------|-------|
| 515.3765 | 230.0 | 630.0 | 16.20 |

Pneumatic impact wrench 2,441 N·m

- With non-slip handle
- Air exhaust through the handle sideways
- With 3 stages torque control for loosening and tightening
- Draw-off is integrated in the handle
- Low vibration
- Low sound level
- With rubber housing
- High performance double hammer mechanism
- With bore for locking pin
- Long service life
- Includes 1/2" coupling connector
- Ultra light housing from aluminium



Technical data:

| | |
|--------------------------|-----------------------|
| Square drive: | 1" |
| Max. tightening torque: | 2033 Nm |
| Max. loosening torque: | 2441 Nm |
| Vibration: | 12,5 ms ² |
| No load current: | 6000 r.p.m. |
| Noise performance level: | 86 dbA |
| Noise pressure level: | 96 dbA |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Air consumption: | 282 l/min |
| Min. tube diameter: | 1/2" - 13 mm |
| Max. screw size: | M 38 |
| Connection thread: | 1/2"PT |

| | B mm | L mm | kg |
|----------|---------|---------|------|
| 515.3745 | 170.0 | 467.0 | 7.30 |

IMPACT WRENCH SETS

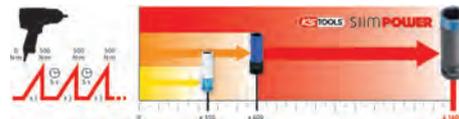
Pneumatic impact wrench set

- With ergonomic soft grip handle
- Air exhaust through the handle
- With practical clockwise and anticlockwise switch
- Easy operation
- 3 stage torque adjustment
- Low vibration
- High performance pin hammer mechanism
- Long service life
- Cold insulated handle
- Includes 1/4" coupling connector
- Light aluminium housing
- In durable plastic storage case



1/2"

| | | kg |
|----------|---|------|
| 515.5140 | 17 pcs Pneumatic impact wrench set | 6.80 |
| 1 x | 677 Nm | |
| 10 x | 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 21 - 22 mm | |
| 3 x | 17 - 19 - 21 mm | |
| 1 x | 1/4" | |
| 1 x | 125 mm | |
| 1 x | 68 mm | |



Pneumatic impact wrench set

- With ergonomic soft grip handle
- Air exhaust through the handle
- With practical clockwise and anticlockwise switch
- Easy operation
- 3 stage torque adjustment
- Low vibration
- High performance pin hammer mechanism
- Long service life
- Cold insulated handle
- Includes 1/4" coupling connector
- Light aluminium housing
- In durable plastic storage case



1/2"

| | | kg |
|----------|---|------|
| 515.5150 | 17 pcs Pneumatic impact wrench set | 7.30 |
| 1 x | 1690 Nm | |
| 10 x | 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 21 - 22 mm | |
| 3 x | 17 - 19 - 21 mm | |
| 1 x | 1/4" | |
| 1 x | 125 mm | |
| 1 x | 68 mm | |

Pneumatic impact wrench set

- With non slip soft grip handle
- Air exhaust through the handle
- With practical clockwise and anticlockwise switch
- Easy operation
- 3 stage torque adjustment
- Low vibration
- High performance double hammer mechanism
- Long service life
- Cold insulated handle
- Includes 1/4" coupling connector
- In durable plastic storage case
- Ultra light magnesium housing



1/2"

| | | kg |
|----------|---|------|
| 515.1220 | 17 pcs Pneumatic impact wrench set | 6.32 |
| 1 x | 740 Nm | |
| 10 x | 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 21 - 22 mm | |
| 3 x | 17 - 19 - 21 mm | |
| 1 x | 1/4" | |
| 1 x | 125 mm | |
| 1 x | 68 mm | |



RIVETING TOOLS PISTOL

Pneumatic riveting tool pistol

- Air exhaust through the handle rear end
- For one handed operation with ergonomic design
- For pop rivet working
- With swivel joint at the coupling connector for flexible use
- Cold insulated
- Includes 1/4" coupling connector
- Robust aluminium housing



Technical data:

| | |
|--------------------------|--------------------------|
| Rivet sizes: | 2,4 - 3,2 - 4,0 - 4,8 mm |
| Stroke length: | 14 mm |
| Driving power: | 8677,5 N |
| Vibration: | < 2,5 ms ² |
| Noise performance level: | 98,6 dbA |
| Noise pressure level: | 85 dbA |
| Air consumption: | 1 l/Hub |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4"PT |

| | B mm | L mm | kg |
|----------|-------|-------|------|
| 515.3102 | 195.0 | 290.0 | 1.50 |

Pneumatic riveting tool pistol

- Air exhaust through the handle rear end
- For one handed operation with ergonomic design
- For professional riveting, continuous operation
- For steel, aluminium, stainless steel or copper riveting up to 6,4 mm
- With 6 mouth pieces, 4,8 mm is pre assembled
- Especially low noise level
- Swivel joint at the connection thread for flexible use
- Cold insulated
- Includes 1/4" coupling connector
- Robust aluminium housing



Technical data:

| | |
|--------------------------|--------------------------|
| Rivet sizes: | 3,2 - 4,0 - 4,8 - 6,4 mm |
| Stroke length: | 19 mm |
| Driving power: | 13839,5 N |
| Vibration: | < 2,5 ms ² |
| Noise performance level: | 85 dbA |
| Noise pressure level: | 73,3 dbA |
| Air consumption: | 1,8 l/Hub |
| Operating pressure: | max. 6,3 bar (90 psi) |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4"PT |

| | B mm | L mm | kg |
|----------|-------|-------|------|
| 515.3101 | 210.0 | 340.0 | 2.00 |

OSCILLATING CUTTER

Pneumatic oscillating cutter

- 90° offset execution
- Air exhaust through used air tube
- For one handed operation with ergonomic design
- For the professional dismantling of vehicle discs
- Universal blade reception for all standard blades
- Secure operation lever with locking device
- Stepless speed regulation
- Includes 1/4" coupling connector and blade changing spanner
- Robust steel housing



Technical data:

| | |
|--------------------------|----------------------|
| Oscillating speed: | 2000/min |
| No load current: | 22000 r.p.m. |
| Vibration: | 4,3 m/s ² |
| Noise performance level: | 79,8 dbA |
| Noise pressure level: | 69,9 dbA |
| Air consumption: | 300 l/min |
| Operating pressure: | 6,3 bar (90 psi) |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4"PT |

| | L mm | Drive | kg |
|----------|-------|---------|------|
| 140.2251 | 725.0 | Ø 22 mm | 1.27 |

Pneumatic oscillating cutter set

- 90° offset execution
- Air exhaust through used air tube
- For one handed operation with ergonomic design
- For the professional dismantling of vehicle discs
- Universal blade reception for all standard blades
- Secure operation lever with locking device
- Stepless speed regulation
- Includes 1/4" coupling connector and blade changing spanner
- Robust steel housing



| | | | kg |
|----------|-------|----------------------------------|------|
| 140.2219 | 6 pcs | Pneumatic oscillating cutter set | 1,51 |
| 1 x | | 57 mm | |
| 1 x | | 16 mm | |
| 1 x | | 57 mm | |
| 1 x | | 90 mm | |
| 1 x | | 50 mm | |
| 1 x | | 35 mm | |

Cutting / scraper blades

- For the pneumatic oscillating cutter
- Special steel



| | | | kg |
|----------|--|----|----|
| 140.2252 | Scraper blade, offset, blade width 16 mm | 20 | |
| 140.2255 | Cutting blade, straight, offset, length 50 mm | 20 | |
| 140.2256 | Cutting blade, straight, offset, length 90 mm | 30 | |
| 140.2261 | Cutting blade, angled, offset, cutting depth 55 mm | 20 | |
| 140.2263 | Cutting blade, straight, cutting depth 35 mm | 10 | |



| | | | kg |
|----------|---|----|----|
| 515.5093 | Scraper blade, curved, curved, blade length 16 mm | 13 | |
| 515.5094 | Scraper blade, curved, curved, blade length 36 mm | 15 | |
| 515.5095 | Scraper blade, curved, curved, blade length 63 mm | 19 | |
| 515.5096 | Scraper blade, curved, curved, blade length 90 mm | 25 | |
| 515.5097 | Scraper blade, curved, straight, blade length 24 mm | 12 | |

VIBRO EXTRACTOR

Glow plug vibro extractor set

- Ideal for loosening and extracting jammed glow plugs
- Especially suitable in glow plugs jammed by corrosion and/or soot coal
- Produces controlled vibration impulse
- Suitable for all current glow plugs
- Loosening torque in 4 stages in accordance with manufacturer guidelines
- Extensive cost intensive repairs can be avoided through dismantling glow plugs
- Includes 1/4" coupling connector
- In durable steel storage case



Technical data:

| | |
|--------------------------|--|
| Square drive: | 1/4" |
| Max. tightening torque: | 40 Nm |
| Max. loosening torque: | 1 = 10 Nm 2 = 20 Nm 3 = 30 Nm 4 = 40 Nm |
| No load current: | 7500 r.p.m. |
| Vibration: | < 2,69 ms ² |
| Noise performance level: | 104 dbA |
| Noise pressure level: | 88 dbA |
| Recommended torque: | 42 Nm |
| Air consumption: | 128 l/min |
| Operating pressure: | max. 6,3 (90 psi) |
| Max. screw size: | M16 |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4"PT |

| | | | kg |
|----------|-------|-------------------------------|------|
| 152.1060 | 5 pcs | Glow plug vibro extractor set | 1,80 |

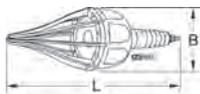
consists of:

| | | | kg |
|----------|--------------------------------------|-----|----|
| 152.1061 | 1/4" Vibro extractor 10-40 N-m | 900 | |
| 152.1062 | 1/4" Impact wrench socket long 8 mm | 30 | |
| 152.1063 | 1/4" Impact wrench socket long 10 mm | 40 | |
| 152.1064 | 1/4" Impact wrench socket long 12 mm | 50 | |
| 152.1065 | 1/4" Universal joint | 40 | |

AXLE BOOTS ASSEMBLY DEVICES

Pneumatic assembly tool for CV joint boots

- Air exhaust through the handle rear end
- Suitable for all universal and original vehicle CV joint boots
- For CV joint boots diameter from 20 - 120 mm
- Expanding of the joint arms through compressed air
- Air pressure is regulated through a button
- No additional lubricant necessary
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light robust housing from special plastic



Technical data:

| | |
|--------------------------|--------------|
| Max. expansion diameter: | 120 mm |
| Operating pressure: | max. 8 bar |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4"PT |

| | B mm | L mm | kg |
|----------|-------|-------|------|
| 515.3100 | 148.0 | 450.0 | 2.50 |

OILS & GREASES

Pneumatic tool oil

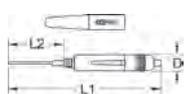
- For the lubrication of compressed air tools
- With lockable nozzle
- Contents 100 ml



| | B mm | L mm | kg |
|----------|------|-------|-----|
| 515.3361 | 60.0 | 148.0 | 250 |

Precision oiler

- In ball point pen form
- Practical pocket clip
- Protective cap
- Oil dosage through pushing a button
- Smallest angles and corners reached
- Suitable for a wide range of applications
- Light aluminium housing



| | D mm | L1 mm | L2 mm | kg |
|----------|------|-------|-------|----|
| 550.1035 | 15.0 | 140.0 | 50.0 | 50 |

Mini grease gun

- Grease gun for maintenance work
- Precise, exact dosage per pressure button with return spring
- For tubes
- Includes long, rigid nozzle
- Tube contents 100 g



| | Replacement tube | kg |
|----------|------------------|-----|
| 980.1070 | 980.1075 | 100 |

Mini grease gun set

- Grease gun for maintenance work
- Precise, exact dosage per pressure button with return spring
- For exchangeable cartridges and bucket goods
- Includes long, rigid nozzle and an additional nozzle extension
- Tube contents 110 g



| | kg |
|------------------------------------|-----|
| 980.1095 3 pcs Mini grease gun set | 265 |

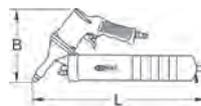
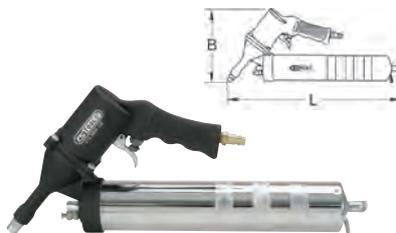
accessories:

| | kg |
|---|-----|
| 980.1096 Lubricant 110 g | 110 |
| 980.1097 Replacement tip for mini grease gun, 1 mm | 60 |
| 980.1098 Replacement tip for mini grease gun long execution | 80 |

GREASE GUN

Pneumatic grease gun

- Air exhaust through the handle
- For one handed operation with balanced ergonomic design
- For cartridges and bucket goods and/or also for loose grease
- Includes rigid and flexible filling tubes high pressure tube
- Cold insulated handle
- Includes 1/4" coupling connector



| | |
|------------------------|--------------------------|
| Technical data: | 260 bar |
| Output pressure: | 288 cm ³ /min |
| Hauling capacity: | 400g |
| Capacity: | 170 l/min |
| Air consumption: | 6,3 bar (90 psi) |
| Operating pressure: | 1/4"PT |
| Connection thread: | |

| | B mm | L mm | kg |
|----------|-------|-------|------|
| 515.3900 | 165.0 | 400.0 | 1.80 |

Grease gun adaptor set

- For standard hand, cordless and pneumatic grease guns
- Adaptor with sliding sleeve for break-proof connection
- Straight and angled grease nipple
- For grease nipples out of steel, brass and stainless steel

Application range: Cone, funnel, ball and flat grease nipples



| | kg |
|---------------------------------------|------|
| 980.1100 7 pcs Grease gun adaptor set | 1.90 |



WHEEL FILLING GAUGE

Tyre filling gauge

- For one hand operation
- Rubber coated manometer
- Manometer with bar and psi scale
- Filling lever and pressure release button
- Tube with integrated locking male nipple
- Robust rubber coated housing



| | |
|------------------------|----------------------|
| Technical data: | 0 - 11 bar |
| Working range: | 9 - 160 psi |
| Tube length: | 500 mm |
| Operating pressure: | max 6,3 bar (90 psi) |
| Connection thread: | 1/4"PT |

| | L mm | kg |
|----------|-------|-----|
| 515.1950 | 535.0 | 600 |

Calibrated tyre filling gauge

- For one handed operation with ergonomic design
- Rubber coated manometer
- Manometer with bar scale
- With filling lever and pressure release button
- Tube with integrated locking male nipple
- Hanging hole
- Includes 1/4" coupling connector
- Robust rubber coated housing



Technical data:

Working range: 0 - 10 bar
 Tube length: 500
 Operating pressure: max. 6,3 bar (90 psi)
 Connection thread: 1/4"PT

| | L mm | |
|----------|---------|-----|
| 515.1960 | 540.0 | 450 |

SPRAY GUNS

Pneumatic combination spray gun

- For underbody coating or acoustic protection or body cavity sealing with wax
- Handy and light
- For standard 1000 ml cartridges
- Attached, flexible 500 mm-hose with spreader nozzle for all-round wax mist permits unproblematic wax application in cavities and interspaces
- Easy application of the underbody coating (or acoustic protection) with standard installed nozzles
- Application tip: Open cartridge, immerse suction pipe and screw in cartridge. Finished!
- Robust housing
- Includes 1/4" coupling connector



Technical data:

Air consumption: 225 l/min
 Min. tube diameter: 1/4" - 6,3 mm
 Operating pressure: 6,3 bar (90 psi)
 Connection thread: 1/4"PT

| | L mm | |
|----------|---------|-----|
| 515.5065 | 220.0 | 410 |

AIR BLOW OUT TOOLS

Compressed blow out pen

- In ball point pen form
- With practical pocket clip
- Controllable air volume
- With 2,5 mm nozzle
- With Euro connection
- Direct air coupling suitable for connection
- Light aluminium housing



Technical data:

Input pressure: max. 12 bar
 Operating pressure: max. 6,3 bar (90 psi)
 Max. flow rate: 360 l/min
 Noise pressure level: 90 dbA
 Connection thread: 1/4"PT

| | D mm | L1 mm | L2 mm | |
|----------|---------|----------|----------|-----|
| 515.1908 | 10.0 | 110.0 | 70.0 | 150 |



Compressed air blow out pistol with extension

- Ergonomic handle
- Controllable air volume
- With 2,5 mm nozzle
- Direct air coupling suitable for connection
- Easily operated
- With hanging hole
- Includes 1/4" coupling connector
- Solid metal base body
- Robust metal housing



Technical data:

Input pressure: max. 15 bar
 Operating pressure: max. 6,3 bar (90 psi)
 Max. flow rate: 130 l/min
 Noise pressure level: 90 dbA
 Connection thread: 1/4"PT

| | L1 mm | L2 mm | L3 mm | L4 mm | |
|----------|----------|----------|----------|----------|-----|
| 515.1930 | 125.0 | 110.0 | 75.0 | 125.0 | 180 |

Compressed air blow out pistol with flow regulation

- With universal mouth piece
- Ideal for cleaning and removing of foreign objects
- Ergonomic handle
- Controllable air volume
- With hanging function
- Direct air coupling suitable for connection
- Easily operated
- Slip proof handle
- Includes 1/4" coupling connector
- Ultra light robust housing from special plastic



Technical data:

Input pressure: max. 15 bar
 Operating pressure: max. 6,3 bar (90 psi)
 Max. flow rate: 300 l/min
 Noise pressure level: 90 dbA
 Connection thread: 1/4"PT

| | L1 mm | L2 mm | L3 mm | |
|----------|----------|----------|----------|-----|
| 515.1901 | 235.0 | 100.0 | 75.0 | 150 |

Universal compressed air blow out pistol

- Ideal for cleaning and removing of foreign objects
- Ergonomic handle
- Controllable air volume
- With hanging function
- Direct air coupling suitable for connection
- Easily operated
- Slip proof handle
- Includes 1/4" coupling connector
- Ultra light robust housing from special plastic



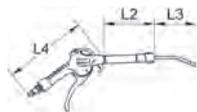
Technical data:

Input pressure: max. 15 bar
 Operating pressure: max. 6,3 bar (90 psi)
 Max. flow rate: 300 l/min
 Noise pressure level: 90 dbA
 Connection thread: 1/4"PT

| | L1 mm | L2 mm | L3 mm | |
|----------|----------|----------|----------|-----|
| 515.1902 | 235.0 | 95.0 | 75.0 | 170 |
| 515.1903 | 470.0 | 325.0 | 75.0 | 240 |
| 515.1904 | 650.0 | 500.0 | 75.0 | 280 |

Telescopic compressed air blow out pistol

- With stepless extendable nozzle
- Telescopic blast pipe in length and angle adjustable 65 - 280 mm / 360°
- Ideal for cleaning and removing of foreign objects
- Ergonomic handle
- Controllable air volume
- With hanging function
- Direct air coupling suitable for connection
- Easily operated
- Slip proof handle
- Includes 1/4" coupling connector



| | L2 mm | L3 mm | L4 mm | |
|----------|----------|----------|----------|-----|
| 515.1907 | 110.0 | 55.0 | 140.0 | 230 |

Compressed air blow out pistol set

- Ideal for cleaning and removing of foreign objects
- Ergonomic handle
- Controllable air volume
- With hanging function
- Direct air coupling suitable for connection
- Easily operated
- Slip proof handle
- Includes 1/4" coupling connector
- Ultra light robust housing from special plastic



| 515.1921 3 pcs Compressed air blow out pistol set | 690 |
|---|--------|
| 1 x | 100 mm |
| 1 x | 330 mm |
| 1 x | 490 mm |



VACUUMS

Pneumatic suction gun

- Includes reinforced fabric dust collection bag
- Versatile usage
- Includes 1/4" coupling connector
- Robust housing



Technical data:

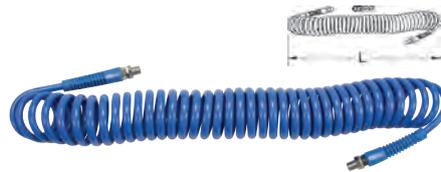
| | |
|--------------------------|-----------------------|
| Operating pressure: | max. 6,3 bar (90 psi) |
| Max. flow rate: | 96 l/min |
| Noise performance level: | 97 dbA |
| Noise pressure level: | 92 dbA |
| Min. tube diameter: | 3/8" - 10 mm |
| Connection thread: | 1/4" |

| | L mm | |
|----------|---------|-----|
| 515.5090 | 145.0 | 670 |

COMPRESSED AIR HOSE

PU compressed air spiral coiled tube

- Flexible, crush resistant polyurethane hose
- Tube ends with anti kink device
- Rotating fitting
- Flexible in cold
- Oil and petrol resistant



Technical data:

| | |
|----------------|--------|
| Max. pressure: | 12 bar |
|----------------|--------|

| | Tube inner Ø mm | Connection | L m | suitable coupling | suitable fitting connector | |
|----------|--------------------|------------|--------|----------------------|-------------------------------|------|
| 515.3330 | 6 | G1/4" AG | 8.0 | 515.3483 | 515.3492 | 0.60 |
| 515.3335 | 8 | G1/4" AG | 15.0 | 515.3483 | 515.3492 | 1.20 |
| 515.3340 | 10 | G3/8" AG | 15.0 | 515.3484 | 515.3493 | 1.80 |

PU compressed air hose

- High quality compressed air hose
- Suitable for compressed air and water
- Light and crush free material
- Suitable accessories
- Long service life
- Oil and petrol resistant



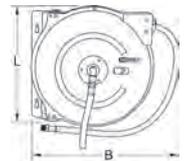
Technical data:

| | |
|------------------------|---------------|
| Temperature constancy: | -40°C - +70°C |
| Max. pressure: | 15 bar |

| | Ø Tube mm | Connection | L m | suitable coupling | suitable fitting connector | |
|----------|--------------|------------|--------|----------------------|-------------------------------|------|
| 515.3344 | 6 x 9 | G1/4" AG | 20.0 | 515.3483 | 515.3492 | 1.00 |
| 515.3345 | 8 x 12 | G1/4" AG | 20.0 | 515.3483 | 515.3492 | 1.80 |

Automatic compressed air hose reel Ø 6 mm x 15 m

- With wall mounting bracket
- For compressed air and water
- Drum 180° freely tiltable by means of wall mounting
- Flexible PVC hose
- Automatic hose return
- Multi gearlock per rotation
- Device adjusting lock
- Include 1 m connecting hose
- Impact resistant plastic housing



Technical data:

| | |
|-------------------------|----------------|
| Tube diameter: | 6 mm |
| Hose external diameter: | 12 mm |
| Tube length: | 15 + 1 m m |
| Max. pressure: | 20,0 bar |
| Connection thread: | 1/4" - 6,35 mm |

| | B mm | L mm | |
|----------|---------|---------|-------|
| 515.3310 | 435.0 | 400.0 | 12.50 |

Air line hose reel

- With wall mounting bracket
- For compressed air and water
- Drum 180° freely tiltable by means of wall mounting
- Flexible, crush resistant Hybrid-Polymer hose
- Automatic hose return
- Multi gearlock per rotation
- Device adjusting lock
- Include 1 m connecting hose
- Impact resistant plastic housing



Technical data:

| | |
|----------------|---------|
| Tube diameter: | 10 mm |
| Tube length: | 15 m |
| Max. pressure: | 6,3 bar |

| | Connection thread mm | |
|----------|-------------------------|-------|
| 515.3410 | 3/8" - 10 mm | 15.40 |
| 515.3415 | 1/2" - 12,5 mm | 9.70 |

AIR SERVICE UNIT

Compressed air water trap

- For separating condensation
- Assembly directly in the access direction
- Made out of sintered metal



| | D1 | D2 | dim mm | L mm | kg |
|----------|---------|---------|--------|------|-----|
| 515.3370 | G1/4"AG | G1/4"IG | 14 | 88.0 | 140 |

Compressed air side oiler

- For automatic oiling of compressed air tools
- To test oil state through transparent visibility glass
- Compact execution
- Usably in most compressed air tool
- Extends the service life of compressed air tools
- Refillable
- Assembly directly in the access direction



| | D1 | D2 | dim mm | L mm | kg |
|----------|---------|---------|--------|------|-----|
| 515.3360 | G1/4"AG | G1/4"IG | 17 | 54.0 | 110 |

Air service unit

- Suitable for wall mounting
- Consists of filter pressure reducer, oil regulator and manometer
- Inspection glass for fluid inspection
- For the assembly of compressed air tools
- Output pressure regulates independent of the input pressure
- Filters dirt particles and condensation
- With adjustable oil regulator
- With integrated wall mounting bracket



Technical data:

| | |
|--------------------------------|---|
| Max. pressure: | 16 bar |
| Max. working pressure: | 12 bar |
| Pressure gauge: | 0,5 - 12 bar |
| Allowable temperature range: | -10° - +55°C |
| Air pressure up to 6,3 bar: | 1/4" = 1800 l/min 3/8" = 5000 l/min 1/2" = 5000 l/min |
| Filter pressure more inferior: | 1/4" = 30 ml 3/8" = 50 ml 1/2" = 50 ml |
| Oil trap: | 1/4" = 40 ml 3/8" = 170 ml 1/2" = 170 ml |

| | Connection | B mm | L1 mm | L2 mm | kg |
|----------|------------|-------|-------|-------|------|
| 515.3355 | 1/4" | 140.0 | 200.0 | 135.0 | 0.43 |
| 515.3350 | 3/8" | 140.0 | 200.0 | 135.0 | 1.14 |
| 515.3356 | 1/2" | 140.0 | 200.0 | 135.0 | 1.30 |

PNEUMATIC ADAPTERS & COUPLINGS

Metal swivel joint

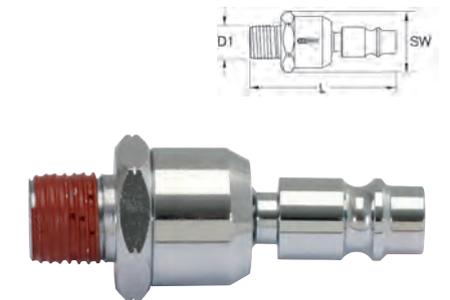
- For compressed air tools 1/4"
- Prevents damages of the compressed air tube
- Execution with compressed air regulator
- Body made out of metal



| | D1 | D2 | dim mm | L mm | kg |
|----------|---------|---------|--------|------|----|
| 515.3396 | G1/4"AG | G1/4"IG | 16 | 39.0 | 80 |

Metal ball joint fitting nipple

- Prevents damages of the compressed air tube
- 360° rotating head and 30° angled
- For compressed air tools 1/4" AG
- Ideal for use with paint sprayers
- Body made out of metal



| | D1 | dim mm | L mm | kg |
|----------|---------|--------|------|----|
| 515.3395 | G1/4"AG | 21 | 56.0 | 50 |

Metal ball joint fitting nipple

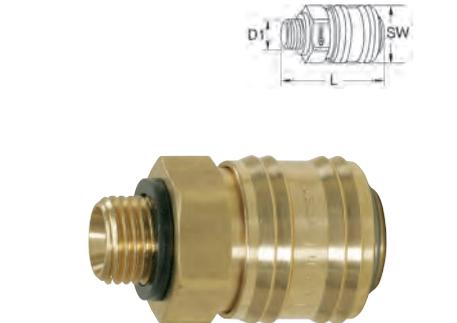
- Prevents damage of the compressed air tube
- Joint takes rotatable movements on the paint sprayer
- 360° rotating head and 30° angled
- For compressed air tools 1/4" IG
- Ideal for use with paint sprayers
- Body made out of metal



| | D2 | dim mm | L mm | kg |
|----------|---------|--------|------|----|
| 515.3394 | G1/4"IG | 16 | 46.0 | 30 |

Coupling with male thread

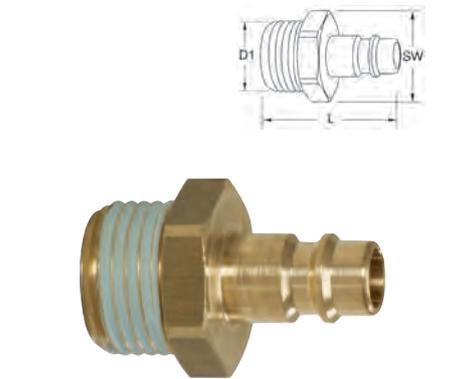
- With one handed operation
- Self sealing on the coupling
- Size 22
- Body made of brass



| | D1 | dim mm | L mm | kg |
|----------|---------|--------|------|----|
| 515.3480 | G1/4"AG | 22 | 40.0 | 70 |
| 515.3481 | G3/8"AG | 22 | 41.0 | 90 |
| 515.3482 | G1/2"AG | 22 | 43.0 | 90 |

Male coupling with male thread

- Size 17, 19 and 24
- Body made of brass



| | D1 | dim mm | L mm | kg |
|----------|---------|--------|------|----|
| 515.3489 | G1/4"AG | 17 | 33.0 | 20 |
| 515.3490 | G3/8"AG | 19 | 33.0 | 25 |
| 515.3491 | G1/2"AG | 24 | 35.0 | 41 |

Brass coupling with female thread

- Self sealing on the coupling
- Unilaterally closing off
- Size 22 and 24
- Body made of brass

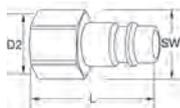


| | D2 | dim mm | L mm | kg |
|----------|---------|--------|------|----|
| 515.3483 | G1/4"IG | 22 | 41.0 | 80 |
| 515.3484 | G3/8"IG | 22 | 41.0 | 85 |
| 515.3485 | G1/2"IG | 24 | 43.0 | 90 |

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Brass male coupling with female thread

- Size 17, 19 and 24
- Body made of brass



| | D2 | dim mm | L mm | |
|----------|---------|--------|------|----|
| 515.3492 | G1/4"IG | 17 | 33.0 | 24 |
| 515.3493 | G3/8"IG | 19 | 33.0 | 22 |
| 515.3494 | G1/2"IG | 24 | 35.0 | 40 |

Brass Coupling with hose connector

- With one handed operation
- Roller latch
- Non return valve
- Size 21
- Body made of brass

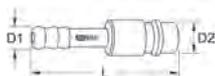


| | D1 mm | L mm | |
|----------|--------|------|----|
| 515.3486 | Ø 6mm | 55.0 | 70 |
| 515.3487 | Ø 9mm | 55.0 | 80 |
| 515.3488 | Ø 13mm | 55.0 | 90 |



Male coupling with hose connector

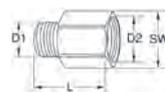
- Body made of brass



| | D1 mm | D2 mm | L mm | |
|----------|--------|-------|------|----|
| 515.3495 | Ø 6mm | 7.2 | 44.0 | 10 |
| 515.3496 | Ø 9mm | 7.2 | 44.0 | 20 |
| 515.3497 | Ø 13mm | 7.2 | 46.0 | 25 |

Brass reducing nipple

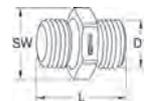
- Size 19 and 24
- Body made of brass



| | D1 | D2 | dim mm | L mm | |
|----------|---------|---------|--------|------|----|
| 515.3383 | G3/8"AG | G1/4"IG | 19 | 14.0 | 10 |
| 515.3384 | G1/2"AG | G3/8"IG | 24 | 26.0 | 30 |
| 515.3385 | G3/8"AG | G1/2"IG | 24 | 26.0 | 50 |
| 515.3386 | G1/4"AG | G3/8"IG | 19 | 18.0 | 60 |

Brass reducing nipple

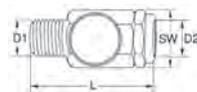
- Size 17, 19 and 24
- Body made of brass



| | D1 | dim mm | L mm | |
|----------|---------|--------|------|----|
| 515.3380 | G1/4"AG | 17 | 23.0 | 20 |
| 515.3381 | G3/8"AG | 19 | 23.0 | 30 |
| 515.3382 | G1/2"AG | 24 | 30.0 | 50 |

Brass compressed air regulator

- With regulation wheel
- For regulating the air flow volume
- Assembly directly in the access direction
- Completely lockable
- Body made of brass

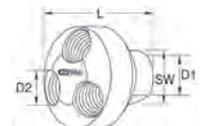


| | D1 | D2 | dim mm | L mm | |
|----------|---------|---------|--------|------|----|
| 515.3385 | G1/4"AG | G1/4"IG | 18 | 43.0 | 80 |



Brass compressed air 3 way separator

- Connection of 3 departure directions 1/4" IG at each access point
- Body made of solid brass



| | D1 | D2 | dim mm | L mm | |
|----------|---------|-----------|--------|------|-----|
| 515.3375 | G1/4"IG | 3xG1/4"IG | 19 | 32.0 | 160 |

Brass hose nipple with male thread

- Size 17, 19 and 24
- Inner cone 45°
- Body made of brass



| | D1 | D2 mm | dim mm | L mm | |
|----------|---------|--------|--------|------|----|
| 515.3387 | G1/4"AG | Ø 6mm | 17 | 35.0 | 20 |
| 515.3388 | G1/4"AG | Ø 9mm | 17 | 35.0 | 20 |
| 515.3389 | G3/8"AG | Ø 9mm | 19 | 36.0 | 30 |
| 515.3390 | G3/8"AG | Ø 13mm | 19 | 42.0 | 30 |
| 515.3391 | G1/2"AG | Ø 9mm | 24 | 40.0 | 50 |
| 515.3392 | G1/2"AG | Ø 13mm | 24 | 46.0 | 50 |

Ear protection can be found in the Industrial safety & workwear section.



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PNEUMATIC TOOLS

SLIMPOWER

- For hard to reach places
- Particularly low air consumption
- Low vibration
- Long service life
- Easy operation
- Supplied incl. DL connection



MONSTER

- Particularly low air consumption
- Low vibration
- Cold insulated handle
- Long service life
- Easy operation
- Supplied incl. DL connection

