



SHINANO

Quality Japanese Air Tools



2015 CATALOGUE



SHINANO^U

Shinano Inc was established in 1949, specialising in Pneumatic Tools from 1969.

Building on our experience, we achieve excellent results in build quality, accuracy and user safety. With more than a hundred tools in the range, Shinano Inc is one of the worlds largest manufacturers of pneumatic tools.



Sophisticated and Functional Design

Our tools are the result of over 45 years of pneumatic tool design. Our experience in research, engineering and production techniques, have created a line of high performance tools that are durable, reliable and easy to use.

Perfection

Our customers needs are our top priority. Performance, quality, noise control and user safety, we stand by our products and strive for excellence.

This is our promise of the SI mark.



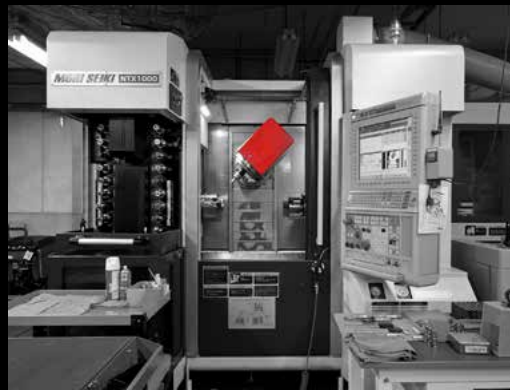
PLANNING AND DEVELOPMENT

Our product development team analyse industry data for the planning of new tools.

DESIGN

Our designs are drawn from over 45 years experience in pneumatic tool design and production, extensive industry research, sound engineering & ergonomic principles and employing modern production techniques.

In our design process, we carefully study the properties and function of each part. We examine the manufacturing parameters of an assembled component, then test for strength and performance. Shinano Inc. collects data by conducting test experiments in the fields of operator safety, health and workplace productivity. Our designers always aim for perfection in their designs which will in-turn build on the strengths of the SI product range.



PRODUCTION

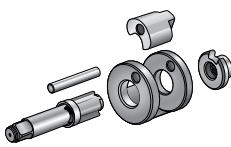
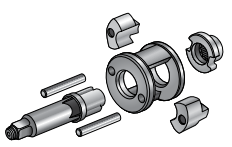
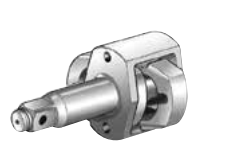


We believe that precision robotics, combined with the management systems of the human mind produce high quality products at a reasonable price. Our production lines incorporate fully automatic robotics, to accurately, rapidly and efficiently manufacture our products.

CERTIFYING OUR STANDARDS OF QUALITY

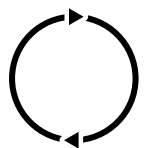
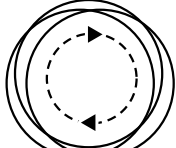
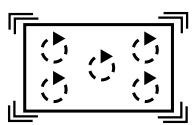
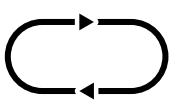
Component inspection is carefully carried out at a number of production stages. Inspectors ensure that the production meets the required quality and durability standards. Constant vigilance and daily production inspections ensure the high quality of Shinano Inc. air tools.



IMPACT CLUTCHES

Single Hammer	Double Hammer	Twin Hammer	Pinless Hammer	Pin Clutch
Single hammer makes one impact per rotation.	Two hammers makes two impacts per rotation.	Two hammers make one impact per rotation.	One hammer makes one impact per rotation.	One hammer makes one impact per rotation.
 <p>A single hammer is contained within the clutch rotor. This produces greater impact force per rotation and easy maintenance.</p>	 <p>Twin hammers are contained within the clutch rotor. This design produces lower vibration levels and higher torque than a single hammer configuration.</p>	 <p>This design is the most durable and light weight hammer configuration which produces less vibration, while maintaining high impact forces for it's weight.</p>	 <p>The impact power is transmitted directly to the anvil by a unified hammer and hammer pin. This unified hammer configuration delivers high impact force with long service life and easy maintenance.</p>	 <p>Cam driven engaging pins that extend and retract once per rotation, engaging the anvil with the hammer to produce high force impacts. This configuration produces the highest torque delivery in the range with minimum vibration.</p>
SI models using a Single Hammer clutch include: SI1305.	SI models using a Double Hammer clutch include: SI1365D.	SI models using a Twin Hammer clutch include: SI1420T, SI1422T, SI1490A, SI1492A, SI1550, SI1556, SI1605, SI1610.	SI models using a Pinless Hammer clutch include: SI1866, SI1870, SI1876.	SI models using a Pin Clutch include: SI1900.

SANDING MECHANISMS

Rotary Action	Dual Action	Orbital Action	Belt Action
Single rotary action.	Dual single and eccentric rotation.	Eccentric rotation.	Rotary track.
 <p>An aggressive sanding action suited to rapid removal and de-scaling of surfaces.</p>	 <p>A medium sanding action, suiting coarse to fine sanding on multiple surfaces.</p>	 <p>A mild sanding action suited to coarse or fine finish work on flat and curved surfaces.</p>	 <p>An aggressive sanding action suited to removing peeling and de-scaling surfaces.</p>
SI models using a Rotary Action mechanism include: SI2202, SI2201, SI2210, SI2210R, SI2026S, SI2322WRLE, SI2300, SI2351, SI2351WS.	SI models using a Dual Action mechanism include: SI2110, SI3102M, SI3100, SI3103-6A, SI3111-6A.	SI models using a Orbital Action mechanism include: SI3001A, SI3003M, SI3007M.	SI models using a Belt Action mechanism include: SI2740, SI2700LS, SI2800, SI2830.



IMPACT WRENCHES

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RATCHET WRENCHES

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PAD SANDERS

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BELT SANDERS

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DISC SANDERS

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ANGLE GRINDERS

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DIE GRINDERS

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POLISHERS

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DRILLS

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SCREW DRIVERS

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IMPACT DRIVERS

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CUTTING TOOLS

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HAMMERING TOOLS

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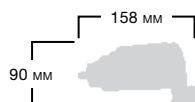
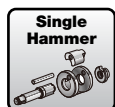
ACCESSORIES

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3/8" Butterfly Wrench

Model# SI1305

- 3/8" square palm grip impact with butterfly throttle lever for quick and easy single hand operation
- 360° Air inlet swivel for easy maneuvering



Max Torque: 66 Ft/lbs (90 Nm)
 Working Torque Range: 0-55 Ft/lbs (0-75 Nm)
 Free Speed: 9,000 RPM
 Weight: 0.94 Kg

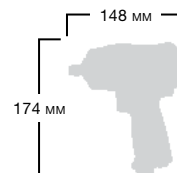
Noise Level: 91 DBA (102 Pwr)
 Vibration A: 3.8 M/S²
 K: 0.8 M/S²
 Av Air Cons.: 2.8 CFM



3/8" Impact Wrench

Model# SI1605

- Rubber grip for reduced vibration and temperature stability
- Ergonomic design, compact, and lightweight for easy operation
- Integrated muffler for reduced noise level
- Compact design for reduced space applications



Max Torque: 258 Ft/lbs (350 Nm)
 Working Torque Range: 0-207 Ft/lbs (0-280 Nm)
 Free Speed: 8,000 RPM
 Weight: 1.03 Kg
 Noise Level: 94 DBA (105 Pwr)
 Vibration A: 11.8 M/S²
 K: 1.6 M/S²
 Av Air Cons.: 3.8 CFM

1/2" Impact Wrench

Model# SI1610

Ergonomic design, compact, and lightweight for easy operation.

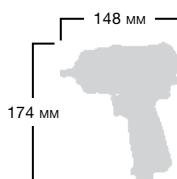
Compact design for reduced space applications

Integrated 6 position direction & speed selector

Rubber grip for reduced vibration and temperature stability

Easy to operate feather touch trigger.

Integrated muffler for reduced noise level.



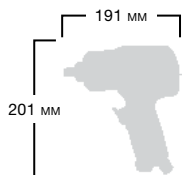
Max Torque: 332 Ft/lbs (450 Nm)
 Working Torque Range: 0-258 Ft/lbs (0-320 Nm)
 Free Speed: 8,000 RPM
 Weight: 1.04 Kg
 Noise Level: 93 DBA (104 Pwr)
 Vibration A: 7.7 M/S²
 K: 1.2 M/S²
 Av Air Cons.: 3.8 CFM



1/2" Impact Wrench

Model# SI1420T

- Higher powered impact wrench with 1/2" Square anvil
- Great for tyre shops
- The twin hammer clutch delivers higher torque and faster power delivery



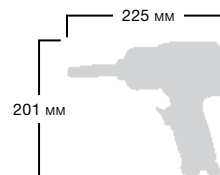
Max Torque: 369 Ft/lbs (500 Nm)
 Working Torque Range: 0-295 Ft/lbs (0-400 Nm)
 Free Speed: 6,000 RPM
 Weight: 2.55 Kg
 Noise Level: 91 DBA (102 Pwr)
 Vibration A: 7.3 M/S²
 K: 1.2 M/S²
 Av Air Cons.: 4.0 CFM



1/2" Impact Wrench with 2" Extended Anvil

Model# SI1422T

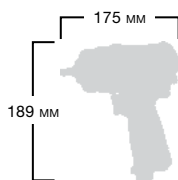
- 2" extended anvil
- Higher powered impact wrench with 1/2" Square anvil
- The twin hammer clutch delivers higher torque and faster power delivery
- Great for tyre shops



Max Torque: 354 Ft/lbs (480 Nm)
 Working Torque Range: 0-266 Ft/lbs (0-360 Nm)
 Free Speed: 6,000 RPM
 Weight: 2.65 Kg
 Noise Level: 92 DBA (103 Pwr)
 Vibration A: 8.2 M/S²
 K: 1.3 M/S²
 Av Air Cons.: 4.0 CFM



1/2" Heavy Duty Impact Wrench

Model# SI1490A


Max Torque: 627 Ft/lbs (850 Nm)
 Working Torque
 Range: 0-457 Ft/lbs (0-620 Nm)
 Free Speed: 8,000 RPM
 Weight: 1.9 Kg
 Noise Level: 94 dBA (105 Pwr)
 Vibration A: 11.4 m/s²
 K: 1.6 m/s²
 Av Air Cons.: 5.1 CFM



New ergonomic design which is lighter and more comfortable



Easy to operate feather touch trigger.

Separate 4 position speed selector

Forward/Reverse selector

Rubber grip for reduced vibration and temperature stability

Handle grip exhaust directs air away from operator and work space.

1/2" Deep Impact Flip Socket

See more Wrench Accessories on page 31 to 34.

Perfect for metric wheel lug nuts. Simply flip the socket for alternative size. For use with extended anvil impact wrenches.

1/2" Drive 17 & 19 mm
 Deep Impact Flip Socket

Part# GXFS121719



Made from Chrome Molybdenum Steel CR-MO.

1/2" Impact Wrench with 2" Extended Anvil

Model# SI1492A

- 2" extended anvil
- Rubber grip for reduced vibration and temperature stability
- New ergonomic design which is lighter and more comfortable

- Handle grip exhaust directs air away from operator and work space
- Forward/Reverse selector and separate 4 position speed selector



Max Torque: 612 Ft/lbs (830 Nm)
 Working Torque
 Range: 0-443 Ft/lbs (0-600 Nm)
 Free Speed: 8,000 RPM
 Weight: 1.94 Kg
 Noise Level: 94 dBA (105 Pwr)
 Vibration A: 13.9 m/s²
 K: 1.8 m/s²
 Av Air Cons.: 5.1 CFM



Housing Protectors

See more Wrench Accessories on page 31 to 34.

Shinano housing protectors are manufactured from soft, hard wearing rubber that inhibits the development of scratches, gashes and cracks to the motor housing of the impact wrench.



Shinano Housing Protector to suit SI1490 & SI1492 impact wrenches.

Part# 913-21



Impact Wrench not included.

Shinano Housing Protector to suit SI1420 & SI1422 impact wrenches.

Part# 930B-12Y



Impact Wrench not included.

3/4" Impact Wrench

Model# SI1550

- Rubber grip for reduced vibration and temperature stability
- Easy to operate feather touch trigger
- Handle grip exhaust directs air away from operator and work space
- Forward/Reverse switch and 4 positions dial selector for fast and easy air regulator adjustment



3/4" Impact Wrench with 6" Extended Anvil

Model# SI1556

- 6" extended anvil
- Rubber grip for reduced vibration and temperature stability
- Handle grip exhaust directs air away from operator and work space
- Easy to operate feather touch trigger
- Forward/Reverse switch and 4 positions dial selector for fast and easy air regulator adjustment



1" H-Duty Impact Wrench

Model# SI1860

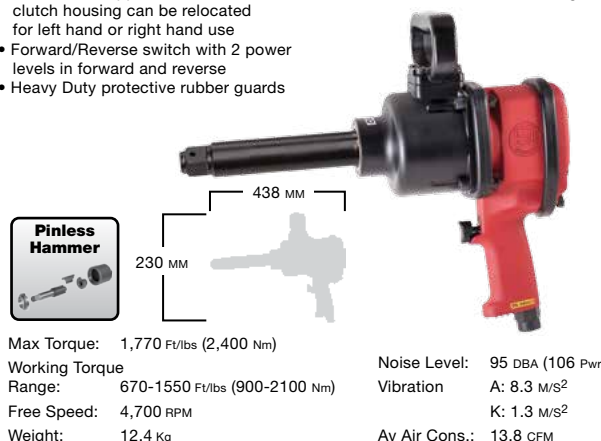
- Heavy Duty protective rubber guards
- Removable support handle and clutch housing can be relocated for left hand or right hand use
- Forward/Reverse switch with 2 power levels in forward and reverse
- 3 piece body construction engineered for easy maintenance
- Pinless Hammer Clutch for high durability



1" H-Duty Impact Wrench with 6" Extended Anvil

Model# SI1866

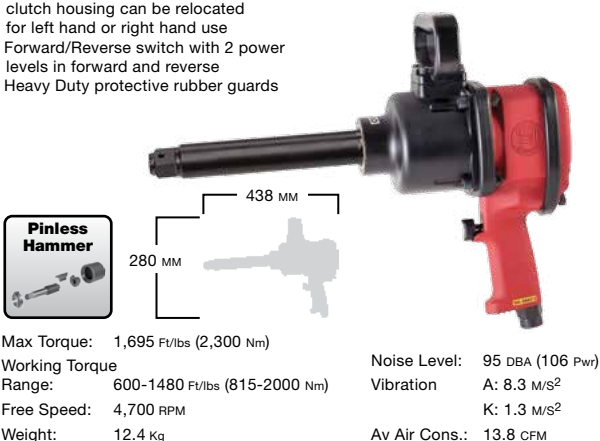
- 6" extended anvil for easy reach into deep truck wheels
- Removable support handle and clutch housing can be relocated for left hand or right hand use
- Forward/Reverse switch with 2 power levels in forward and reverse
- Heavy Duty protective rubber guards
- 3 piece body construction engineered for easy maintenance
- Pinless Hammer Clutch for high durability



1" H-Duty Pistol Grip Impact Wrench with 8" extended anvil

Model# SI1868

- 8" extended anvil for easy reach into deep truck wheels
- Removable support handle and clutch housing can be relocated for left hand or right hand use
- Forward/Reverse switch with 2 power levels in forward and reverse
- Heavy Duty protective rubber guards
- 3 piece body construction engineered for easy maintenance
- Pinless Hammer Clutch for high durability



3/4" Drive Budd Wheel Sockets

See more Wrench Accessories on page 31 to 34.

This two-in-one extra deep budd socket removes both nut and stud with one socket on dual-wheel applications. To suit Isuzu, Hino, Mitsubishi, Fuso and most European trucks.

3/4" Drive 17^{MM} Budd Wheel Socket

Part# GXBWS3417

3/4" Drive 19^{MM} Budd Wheel Socket

Part# GXBWS3419

3/4" Drive 21^{MM} Budd Wheel Socket

Part# GXBWS3421



1" H-Duty Inline Grip Impact Wrench

Model# SI1870

- Heavy Duty protective rubber guards
- Removable support handle can be rotated for left hand or right hand use
- Forward/Reverse switch with 2 power levels in forward and reverse
- 3 piece body construction engineered for easy maintenance
- Pinless Hammer Clutch for high durability



Max Torque: 1,770 Ft/lbs (2,400 Nm)
 Working Torque Range: 650-1550 Ft/lbs (880-2100 Nm)
 Free Speed: 4,400 RPM
 Weight: 10.6 Kg

Noise Level: 94 DBA (105 Pwr)
 Vibration A: 9.3 M/S²
 K: 1.4 M/S²
 Av Air Cons.: 11.5 CFM



1" H-Duty Inline Grip Impact Wrench with 6" Extended Anvil

Model# SI1876

- 6" extended anvil for easy reach into deep truck wheels
- Heavy Duty protective rubber guards
- Removable support handle can be rotated for left hand or right hand use
- Forward/Reverse switch with 2 power levels in forward and reverse
- 3 piece body construction engineered for easy maintenance
- Pinless Hammer Clutch for high durability



Max Torque: 1,700 Ft/lbs (2,300 Nm)
 Working Torque Range: 610-1470 Ft/lbs (830-2000 Nm)
 Free Speed: 4,400 RPM
 Weight: 12.1 Kg

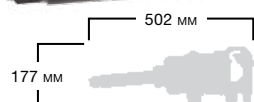
Noise Level: 94 DBA (105 Pwr)
 Vibration A: 12.1 M/S²
 K: 1.7 M/S²
 Av Air Cons.: 11.5 CFM



1" H-Duty Inline Grip Impact Wrench with 8" extended anvil

Model# SI1878

- 8" extended anvil for easy reach into deep truck wheels
- Heavy Duty protective rubber guards
- Removable support handle can be rotated for left hand or right hand use
- Forward/Reverse switch with 2 power levels in forward and reverse
- Engineered for easy maintenance with its 3-piece body construction.
- Pinless Hammer Clutch for high durability.



Max Torque: 1,625 Ft/lbs (2,200 Nm)
 Working Torque Range: 570-1390 Ft/lbs (770-1885 Nm)
 Free Speed: 4,400 RPM
 Weight: 13.6 Kg

Noise Level: 94 DBA (105 Pwr)
 Vibration A: 12.1 M/S²
 K: 1.7 M/S²
 Av Air Cons.: 11.5 CFM



1-1/2" H-Duty Inline Grip Impact Wrench

Model# SI1900

- Heavy Duty protective rubber guards
- Removable support handle can be rotated for left hand or right hand use
- 3 piece body construction engineered for easy maintenance



Max Torque: 4,060 Ft/lbs (5,500 Nm)
 Working Torque Range: 1110-3100 Ft/lbs (1500-4200 Nm)
 Free Speed: 3,600 RPM
 Weight: 18.0 Kg

Noise Level: 107 DBA (116 Pwr)
 Vibration A: 9.3 M/S²
 K: 1.3 M/S²
 Av Air Cons.: 13.3 CFM



Impact Extension Bars

See more Wrench Accessories on page 31 to 34.

1/4" Wobble Extension Bar 4 Piece Set
 Includes: 3", 6", 10" & 12" bars

Part# GXWEBS38

3/8" Wobble Extension Bar 4 Piece Set
 Includes: 3", 6", 10" & 18" bars

Part# GXWEBS14

1/2" Wobble Extension Bar 4 Piece Set
 Includes: 3", 5", 10" & 18" bars

Part# GXWEBS12



Air Tool Oil

See more Air Tool Oil on page 31.

250 ml bottle of Shinano Air Tool Oil

Part# SI250

1 Litre bottle of Shinano Air Tool Oil

Part# SI1000



1/4" Super Mini Ratchet

Model# SI1107B

- Super small ratchet wrench with 1/4"sq. anvil
- Smaller than SI1200B
- Best 1/4" ratchet for tight spaces



Max Torque:	22 Ft/lbs (30 Nm)	Noise Level:	77 DBA (88 Pwr)
Working Torque Range:	0-18 Ft/lbs (0-25 Nm)	Vibration	A: 6.1 M/S ²
Free Speed:	300 RPM		K: 1.1 M/S ²
Weight:	0.39 Kg	Av Air Cons.:	1.8 CFM

1/4" Mini Ratchet Wrench

Model# SI1200B

- Light and small ratchet wrench with 1/4" square anvil
- This model is the "Mini Ratchet Wrench" standard in the air tools industry



Max Torque:	26 Ft/lbs (35 Nm)	Noise Level:	82 DBA (93 Pwr)
Working Torque Range:	0-22 Ft/lbs (0-30 Nm)	Vibration	A: 3.6 M/S ²
Free Speed:	200 RPM		K: 0.8 M/S ²
Weight:	0.51 Kg	Av Air Cons.:	1.6 CFM

1/4" Mini Ratchet Wrench

Model# SI1207

- Same body size as SI1200B
- Polymer body cover for added vibration and cold temperature protection
- Inbuilt regulator for easy adjustment of torque
- 360° air inlet swivel



Max Torque:	28 Ft/lbs (38 Nm)	Noise Level:	84 DBA (95 Pwr)
Working Torque Range:	0-22 Ft/lbs (0-30 Nm)	Vibration	A: 4.0 M/S ²
Free Speed:	200 RPM		K: 0.9 M/S ²
Weight:	0.54 Kg	Av Air Cons.:	1.6 CFM

3/8" Super Mini Ratchet

Model# SI1108B

- Super small ratchet wrench with 3/8"sq. anvil
- Smaller than SI-1205B
- Best 3/8"ratchet for tight spaces



Max Torque:	22 Ft/lbs (30 Nm)	Noise Level:	77 DBA (88 Pwr)
Working Torque Range:	0-18 Ft/lbs (0-25 Nm)	Vibration	A: 6.4 M/S ²
Free Speed:	300 RPM		K: 1.1 M/S ²
Weight:	0.40 Kg	Av Air Cons.:	1.8 CFM

3/8" Mini Ratchet Wrench

Model# SI1205B

- Light and small ratchet wrench with 3/8" square anvil
- This model is the "Mini Ratchet Wrench" standard in the air tools industry



Max Torque:	30 Ft/lbs (40 Nm)	Noise Level:	82 DBA (93 Pwr)
Working Torque Range:	0-22 Ft/lbs (0-30 Nm)	Vibration	A: 5.7 M/S ²
Free Speed:	220 RPM		K: 1.0 M/S ²
Weight:	0.51 Kg	Av Air Cons.:	1.6 CFM

3/8" Mini Ratchet Wrench

Model# SI1208

- Same body size as SI-1205B
- Polymer body cover for added vibration and cold temperature protection
- Inbuilt regulator for easy adjustment of torque
- 360° air inlet swivel



Max Torque:	30 Ft/lbs (40 Nm)	Noise Level:	88 DBA (99 Pwr)
Working Torque Range:	0-22 Ft/lbs (0-30 Nm)	Vibration	A: 4.5 M/S ²
Free Speed:	200 RPM		K: 0.9 M/S ²
Weight:	0.54 Kg	Av Air Cons.:	2.2 CFM

3/8" Ratchet Wrench

Model# SI1320A

- Standard ratchet wrench with the front exhaust 3/8" square anvil
- Great price to performance ratio
- Industry standard



Max Torque: 59 Ft/lbs (80 Nm)	Noise Level: 89 DBA (100 Pwr)
Working Torque Range: 0-44 Ft/lbs (0-60 Nm)	Vibration A: 6.3 M/S ²
Free Speed: 160 RPM	K: 1.1 M/S ²
Weight: 1.16 Kg	Av Air Cons.: 2.7 CFM

3/8" Ratchet Wrench

Model# SI1340B

- Premium quality 3/8" ratchet wrench with polymer body cover
- Rear exhaust, 360° air inlet swivel
- Precise planetary gear mechanism for maximum power transfer and durability
- Inbuilt regulator for easy adjustment of torque



Max Torque: 81 Ft/lbs (110 Nm)	Noise Level: 82 DBA (93 Pwr)
Working Torque Range: 0-63 Ft/lbs (0-85 Nm)	Vibration A: 4.2 M/S ²
Free Speed: 160 RPM	K: 0.9 M/S ²
Weight: 1.14 Kg	Av Air Cons.: 2.5 CFM

1/2" Ratchet Wrench

Model# SI1325A

- Standard ratchet wrench with the front exhaust
- 1/2" Square anvil
- Great price to performance ratio
- Industry standard



Max Torque: 66 Ft/lbs (90 Nm)	Noise Level: 89 DBA (100 Pwr)
Working Torque Range: 0-52 Ft/lbs (0-70 Nm)	Vibration A: 6.3 M/S ²
Free Speed: 160 RPM	K: 1.1 M/S ²
Weight: 1.17 Kg	Av Air Cons.: 2.5 CFM

1/2" Ratchet Wrench

Model# SI1345B

- Premium quality 1/2" ratchet wrench with polymer body cover
- Rear exhaust, 360° air inlet swivel
- Precise planetary gear mechanism for maximum power transfer and durability
- Inbuilt regulator for easy adjustment of torque



Max Torque: 85 Ft/lbs (115 Nm)	Noise Level: 82 DBA (93 Pwr)
Working Torque Range: 0-66 Ft/lbs (0-90 Nm)	Vibration A: 4.1 M/S ²
Free Speed: 160 RPM	K: 0.9 M/S ²
Weight: 1.15 Kg	Av Air Cons.: 2.5 CFM

1/2" Heavy Duty Ratchet

Model# SI1435

- The largest ratchet wrench in the range with the highest torque
- 1/2" Square anvil
- Good for running nuts on tractor blades

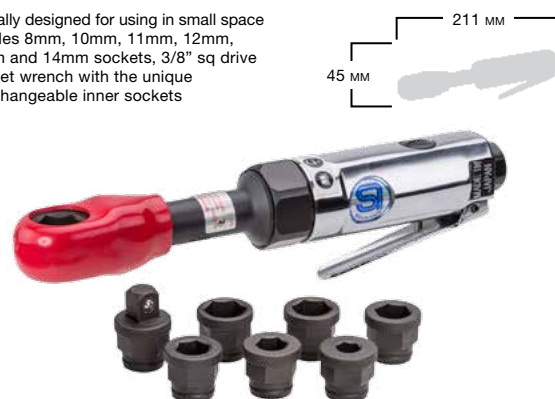


Max Torque: 118 Ft/lbs (160 Nm)	Noise Level: 93 DBA (104 Pwr)
Working Torque Range: 0-81 Ft/lbs (0-110 Nm)	Vibration A: 5.4 M/S ²
Free Speed: 140 RPM	K: 1.0 M/S ²
Weight: 1.95 Kg	Av Air Cons.: 4.7 CFM

3/8" Super Mini Ratchet

Model# SI1288S

- Specially designed for using in small space
- Includes 8mm, 10mm, 11mm, 12mm, 13mm and 14mm sockets, 3/8" sq drive
- Ratchet wrench with the unique interchangeable inner sockets



Max Torque: 33 Ft/lbs (45 Nm)	Noise Level: 84 DBA (95 Pwr)
Working Torque Range: 0-26 Ft/lbs (0-35 Nm)	Vibration A: 6.8 M/S ²
Free Speed: 180 RPM	K: 1.1 M/S ²
Weight: 0.54 Kg	Av Air Cons.: 1.9 CFM

2" Mini Dual Action

Model# SI2107A

- 50 MM Velcro sanding pad
- 3 MM orbital diameter dual action
- Great for sanding & polishing in confined spaces



Pad Size:	48 MM x 48 MM	Noise Level:	85 DBA (76 Pwr)
Spindle Size:	M6x1	Vibration:	>2.5 M/S ²
Orbit Dia.:	3 MM	Av Air Cons.:	1.2 CFM
Free Speed:	8,500 RPM	Output:	125 Watts
Weight:	0.55 Kg		

Mini Dual Action Sander

Model# SI2110

- 75 MM Velcro sanding pad
- 3 MM orbital diameter dual action
- Engineered for the most aggressive sanding applications
- Durable ball-bearing construction for smooth power delivery



Pad Size:	75 MM x 75 MM
Spindle Size:	5/16-24 UNC
Orbit Dia.:	3 MM
Free Speed:	15,000 RPM
Weight:	0.52 Kg
Noise Level:	82 DBA (93 Pwr)
Vibration:	A: 9.5 M/S ² K: 2.1 M/S ²
Av Air Cons.:	2.5 CFM
Output:	168 Watts

3" Mini Orbital

Model# SI3102M

- Compact body design easy one hand operation
- 75 MM Velcro Pad
- 3 MM orbit diameter dual action
- Side mounted speed control

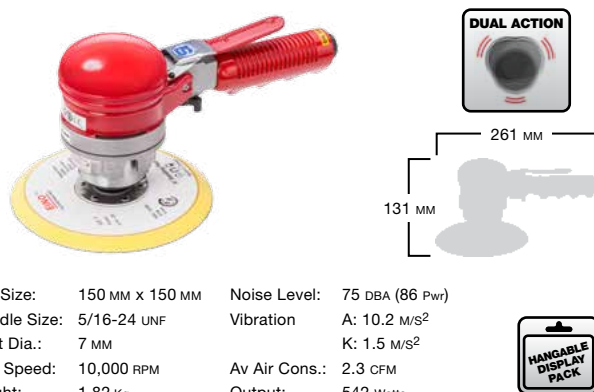


Pad Size:	75 MM x 75 MM
Spindle Size:	5/16-24 UNF
Orbit Dia.:	3 MM
Free Speed:	12,000 RPM
Weight:	0.89 Kg
Noise Level:	92 DBA (103 Pwr)
Vibration:	A: 6.6 M/S ² K: 1.1 M/S ²
Av Air Cons.:	2.5 CFM
Output:	153 Watts

6" Dual Action Sander

Model# SI3100

- Multi purpose dual action sander with bar grip
- 7 MM orbit diameter for aggressive but smooth sanding
- The best and longest selling 6" random orbit model
- Fantastic price point for the quality
- 6" velcro pad

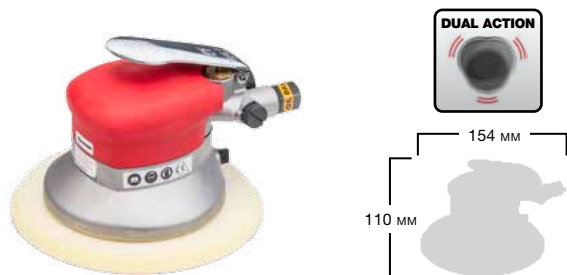


Pad Size:	150 MM x 150 MM	Noise Level:	75 DBA (86 Pwr)
Spindle Size:	5/16-24 UNF	Vibration:	A: 10.2 M/S ² K: 1.5 M/S ²
Orbit Dia.:	7 MM	Av Air Cons.:	2.3 CFM
Free Speed:	10,000 RPM	Output:	542 Watts
Weight:	1.82 Kg		

6" Dual Action Sander

Model# SI3103-6A

- Alloy shroud palm grip sander
- Powerful, high quality air motor
- 5 MM orbit diameter dual action
- Suitable for both rough and finish sanding
- 6" Velcro pad



Pad Size:	150 MM x 150 MM	Noise Level:	80 DBA (91 Pwr)
Spindle Size:	5/16-24 UNF	Vibration:	A: 11.5 M/S ² K: 1.6 M/S ²
Orbit Dia.:	5 MM	Av Air Cons.:	2.8 CFM
Free Speed:	9,000 RPM	Output:	134 Watts
Weight:	1.20 Kg		

Rotary Backing Pads

See more Sanding Accessories on page 35 & 36.

6" (150 MM) Velcro Pad
 5/16" External Thread
 Dust Free

Part# F6565



6" Dual Action Dust Free

Model# SI3111-6A

- Self generating vacuum dust system
- Light weight, ergonomic and compact palm grip body
- Smooth and easy operation
- 5 mm orbit diameter
- 6" Velcro pad

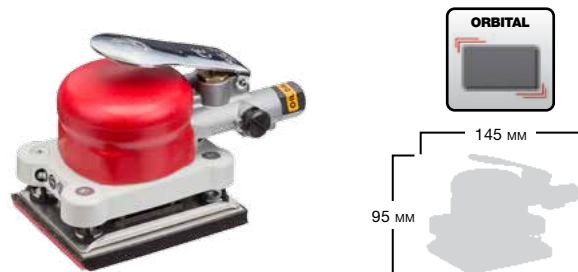


Pad Size:	150 MM x 150 MM	Noise Level:	88 DBA (99 Pwr)
Spindle Size:	5/16-24 UNF	Vibration	A: 11.7 M/S ²
Orbit Dia.:	5 MM		K: 1.6 M/S ²
Free Speed:	10,000 RPM	Av Air Cons.:	2.3 CFM
Weight:	1.29 Kg	Output:	148 Watts

75 x 110 Orbital Sander

Model# SI3001A

- Light weight and compact palm grip orbital sander
- 3 mm orbital diameter
- 75 mm x 110 mm velcro pad
- Incorporates Triple Pillar Stud (TPS) system for low power loss and extended tool life



Pad Size:	100 MM x 75 MM	Noise Level:	82 DBA (93 Pwr)
Spindle Size:	N/A	Vibration	A: 6.2 M/S ²
Orbit Dia.:	4 MM		K: 1.1 M/S ²
Free Speed:	10,000 RPM	Av Air Cons.:	2.3 CFM
Weight:	0.80 Kg	Output:	148 Watts

75 x 110 Orbital Sander

Model# SI3003M

- Light weight and compact
- 75 mm x 110 mm velcro pad
- Powerful high quality air motor
- 5 mm orbit diameter



Pad Size:	100 MM x 75 MM	Noise Level:	75 DBA (86 Pwr)
Spindle Size:	N/A	Vibration	A: 6.9 M/S ²
Orbit Dia.:	4 MM		K: 1.1 M/S ²
Free Speed:	9,000 RPM	Av Air Cons.:	2.8 CFM
Weight:	1.05 Kg	Output:	134 Watts

100 x 180 Orbital Sander

Model# SI3007M

- 100 mm x 180 mm velcro pad
- Palm grip orbital sander
- Pad features retailing clips enabling the use of 100 mm abrasive roll paper



Pad Size:	165 MM x 90 MM	Noise Level:	86 DBA (97 Pwr)
Spindle Size:	N/A	Vibration	A: 27.5 M/S ²
Orbit Dia.:	4.8 MM		K: 3.2 M/S ²
Free Speed:	11,000 RPM	Av Air Cons.:	2.8 CFM
Weight:	1.82 Kg	Output:	275 Watts

10 MM Belt Sander

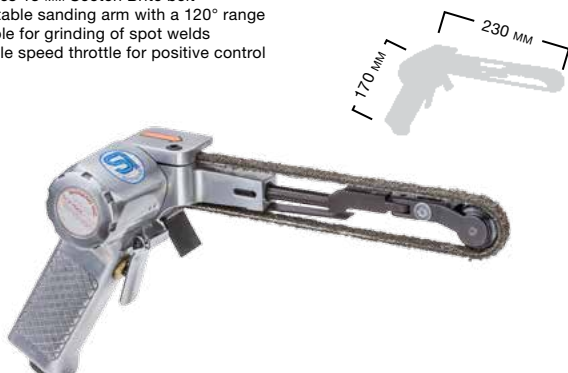
Model# SI2740


Belt Size:	330 MM x 10 MM	Vibration	A: 1.0 M/S ²
Free Speed:	15,000 RPM		K: 0.6 M/S ²
Weight:	0.73 Kg	Av Air Cons.:	3.3 CFM
Noise Level:	85 DBA (96 Pwr)	Output:	317 Watts

13 MM Belt Sander

Model# SI2700LS

- Includes 13 MM Scotch Brite belt
- Adjustable sanding arm with a 120° range
- Suitable for grinding of spot welds
- Variable speed throttle for positive control

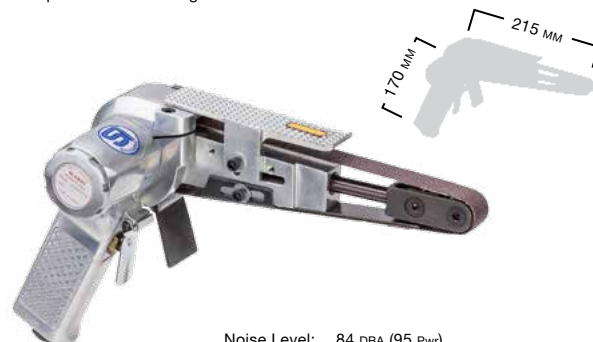


		Noise Level:	84 DBA (95 Pwr)
		Vibration	A: 1.6 M/S ²
			K: 0.6 M/S ²
Belt Size:	460 MM x 13 MM		
Free Speed:	15,000 RPM	Av Air Cons.:	3.3 CFM
Weight:	0.9 Kg	Output:	317 Watts

20 MM Belt Sander

Model# SI2800

- Integrated safety cover over belt wheel
- Adjustable arm angle 160°
- Includes 5 piece 20 MM sanding belts



		Noise Level:	84 DBA (95 Pwr)
		Vibration	A: 1.6 M/S ²
			K: 0.6 M/S ²
Belt Size:	520 MM x 20 MM		
Free Speed:	15,000 RPM	Av Air Cons.:	3.8 CFM
Weight:	1.43 Kg	Output:	429 Watts

30 MM Belt Sander

Model# SI2830

- Integrated safety cover over belt wheel
- Adjustable arm angle 160°
- Includes 5 piece 30 MM sanding belts
- Side handle for firm tool control



		Noise Level:	86 DBA (97 Pwr)
		Vibration	A: 1.6 M/S ²
			K: 0.6 M/S ²
Belt Size:	540 MM x 30 MM		
Free Speed:	10,000 RPM	Av Air Cons.:	5.3 CFM
Weight:	2.02 Kg	Output:	582 Watts

Scotch Brite Belts

See more Sanding Accessories on page 35 & 36.

Fine Scotch Brite Belts Blue

 Size: 10 MM x 330 MM
 Pack of 5

Part# SBB10BLUE



Coarse Scotch Brite Belts Brown

 Size: 20 MM x 520 MM
 Pack of 5

Part# SBB20BROWN



2" Disc Sander

Model# SI2201

- Designed for direct mounting of the 3M Roloc Pad
- No adaptors necessary



Disc Size:	50 MM
Spindle Size:	1/4-20 UNC
Free Speed:	17,000 RPM
Weight:	0.50 Kg
Noise Level:	82 DBA (93 Pwr)
Vibration	A: 2.2 M/S ² K: 0.7 M/S ²
Av Air Cons.:	2.5 CFM
Output:	174 Watts

Super Mini Dual Action Sander

Model# SI2202

- Ideal for the removal of rust, surface deposits and welds in hard-to-reach areas
- Double-sided, slide adjustable, speed regulator provides variability for a broader range of applications



Disc Size:	50 MM
Free Speed:	15,000 RPM
Spindle Size:	1/4-20 UNC
Weight:	0.46 Kg
Noise Level:	82 DBA (93 Pwr)
Vibration	K: 2.3 M/S ² A: 0.7 M/S ²
Av Air Cons.:	2.5 CFM
Output:	168 Watts

4" High Speed Disc Sander

Model# SI2210

- Very popular high speed disc sander.
- Easy one hand operation
- 3" and 4" disc pads included
- Inbuilt regulator

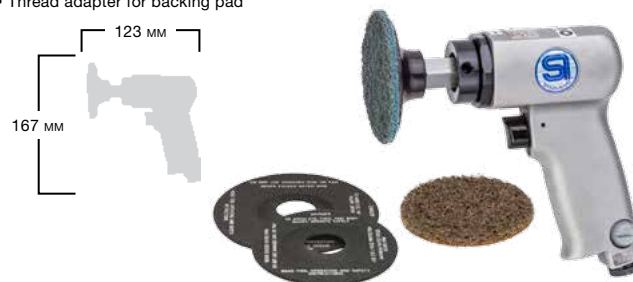


Disc Size:	75 MM
Spindle Size:	7/16-20 UNF
Free Speed:	19,000 RPM
Weight:	0.99 Kg
Noise Level:	91 DBA (102 Pwr)
Vibration	A: 3.8 M/S ² K: 1.0 M/S ²
Av Air Cons.:	3.9 CFM
Output:	475 Watts

4" Disc Sander

Model# SI2210R

- Same as the SI2210 and also includes 75 mm backing pad, coarse and fine abrasive discs
- Thread adapter for backing pad



Disc Size:	75 MM
Spindle Size:	7/16-20 UNF
Free Speed:	19,000 RPM
Weight:	0.99 Kg
Noise Level:	91 DBA (102 Pwr)
Vibration	A: 3.8 M/S ² K: 1.0 M/S ²
Av Air Cons.:	3.9 CFM
Output:	475 Watts

Abrasive Discs

See more Sanding Accessories on page 35 & 36.

Maroon 50 MM Medium Abrasive Disc

Packet of 10

Part# GPA1528X10



Blue 75 MM Fine Abrasive Disc

Packet of 10

Part# GPA1530X10



5" Angle Head Disc Sander

Model# SI2026S

- Angle head 5" disc sander, for general sanding and polishing
- High quality air motor provides high power, durability and reduced vibration

- Side handle for smooth and stable sanding
- Compact design



Disc Size:	125 MM
Spindle Size:	5/8" x 11 UNC
Free Speed:	5,500 RPM
Weight:	1.50 Kg
Noise Level:	88 DBA (99 Pwr)
Vibration	A: 3.4 M/S ² K: 0.8 M/S ²
Av Air Cons.:	4.4 CFM
Output:	491 Watts



5" Wet Sander

Model# SI2322WRLE

- Wet sander designed for stone sanding and polishing with water
- Supplied with 14 mm thread spindle
- Waterproofed mechanism ensures a long working life
- Suitable for diamond polishing and dry marble polishing
- Inbuilt water and air regulators
- Water exits through spindle



Disc Size:	80 MM	Vibration	A: 1.7 M/S ²
Spindle Size:	M14		K: 0.6 M/S ²
Free Speed:	5,500 RPM		
Weight:	1.32 Kg	Av Air Cons.:	4.0 CFM
Noise Level:	88 DBA (99 Pwr)	Output:	435 Watts



7" Vertical Sander

Model# SI2300

- Vertical grip for stable and easy sanding operation
- 7" Sanding pad
- Exhausts through side handle
- Single direction sanding action



Disc Size:	180 MM
Spindle Size:	5/8" x 11UNC
Free Speed:	4,000 RPM
Weight:	2.27 Kg
Noise Level:	82 DBA (93 Pwr)
Vibration	A: 1.4 M/S ²
	K: 0.6 M/S ²
Av Air Cons.:	3.9 CFM
Output:	409 Watts

7" Heavy Duty Angle

Model# SI2351

- Angle head sander with 7" disc
- Side handle for smooth and stable sanding
- Rear exhaust through the handle directs air away from operator and workplace



Disc Size:	180 MM	Vibration	A: 4.9 M/S ²
Spindle Size:	5/8" x 11 UNC		K: 0.9 M/S ²
Free Speed:	4,500 RPM		
Weight:	2.13 Kg	Av Air Cons.:	4.1 CFM
Noise Level:	80 DBA (91 Pwr)	Output:	458 Watts

7" Wet Sander

Model# SI2351WS

- Angle head sander with 7" disc
- Side handle for smooth and stable sanding
- Rear exhaust through the handle
- Integrated water feed through the spindle
- Water and air regulators included



Disc Size:	180 MM	Vibration	A: 4.9 M/S ²
Spindle Size:	5/8" x 11 UNC		K: 0.9 M/S ²
Free Speed:	4,500 RPM		
Weight:	2.13 Kg	Av Air Cons.:	4.1 CFM
Noise Level:	80 DBA (91 Pwr)	Output:	458 Watts



4" Angle Grinder

Model# SI2500L

- 4" Angle Grinder
- High quality air motor for high power, durability and reduced vibration
- Speed governed for optimal disc RPM
- Side handle and safety throttle lever



Disc Size: 100 MM
 Spindle Size: M10 x 1.5
 Free Speed: 12,700 RPM
 Weight: 1.82 Kg

Noise Level: 80 DBA (91 Pwr)
 Vibration A: 9.9 M/S²
 K: 3.2 M/S²
 Av Air Cons.: 2.7 CFM
 Output: 443 Watts

4" Angle Grinder

Model# SI2501L

- Compact and light weight 4" disc grinder
- 40% lighter than SI2500
- Speed governed for optimal disc rpm
- Precise gear mechanism for high power transfer
- Designed for tight working conditions



Disc Size: 100 MM
 Spindle Size: M10 x 1.5
 Free Speed: 13,000 RPM
 Weight: 1.04 Kg

Noise Level: 81 DBA (92 Pwr)
 Vibration A: 9.6 M/S²
 K: 3.1 M/S²
 Av Air Cons.: 2.7 CFM
 Output: 303 Watts

5" Angle Grinder

Model# SI2505L

- 5" Disc grinder with safety lever throttle
- Speed governed for optimal disc rpm
- Front exhaust
- Spline disc receiver and nut



Disc Size: 125 MM
 Spindle Size: 22 x 7/8"
 Free Speed: 12,000 RPM
 Weight: 1.91 Kg

Noise Level: 82 DBA (93 Pwr)
 Vibration A: 5.8 M/S²
 K: 1.9 M/S²
 Av Air Cons.: 3.3 CFM
 Output: 443 Watts

5" Angle Grinder

Model# SI2515LA

- 5" Disc grinder with M14 spindle thread
- Spindle lock button enables exchanging disc quickly
- Speed governed for optimal disc RPM
- Rear exhaust with safety lever throttle



Disc Size: 125 MM
 Spindle Size: M14 x 2
 Free Speed: 12,000 RPM
 Weight: 1.65 Kg

Noise Level: 85 DBA (96 Pwr)
 Vibration A: 11.0 M/S²
 K: 3.6 M/S²
 Av Air Cons.: 2.8 CFM
 Output: 480 Watts

7" Angle Grinder

Model# SI2600L

- 7" Disc grinder with safety lever throttle
- High quality air motor for high power, durability and reduced vibration
- Speed governed for optimal disc RPM
- Spline disc receiver and nut



Disc Size: 180 MM
 Spindle Size: M10 x 1.5
 Free Speed: 7,500 RPM
 Weight: 3.24 Kg

Noise Level: 97 DBA (108 Pwr)
 Vibration A: 4.0 M/S²
 K: 1.3 M/S²
 Av Air Cons.: 4.0 CFM
 Output: 754 Watts

1/4" Small Die Grinder

Model# SI2001S

- Compact body die grinder
- 1/8", 3 mm and 6 mm collets available
- Good for restricted access grinding applications



Collet Size:	1/4"	Vibration	A: 3.4 M/S ²
Free Speed:	25,000 RPM		K: 0.8 M/S ²
Weight:	0.37 Kg	Av Air Cons.:	2.7 CFM
Noise Level:	84 DBA (95 Pwr)	Output:	173 Watts

1/4" Small Die Grinder

Model# SI2002

- Compact, lightweight, ergonomic design
- Built-in air regulator for easy adjustment
- Polymer body cover for increased vibration absorption
- 1/8", 3 mm and 6 mm collets available



Collet Size:	1/4"	Vibration	A: 2.3 M/S ²
Free Speed:	27,000 RPM		K: 0.7 M/S ²
Weight:	0.37 Kg	Av Air Cons.:	2.6 CFM
Noise Level:	84 DBA (95 Pwr)	Output:	219 Watts

1/4" Hd Die Grinder

Model# SI2005HD

- Compact size angle head die grinder
- High durability die grinder
- Compact, lightweight, ergonomic design
- 1/8", 3 mm and 6 mm collets available
- Polymer body cover for increased vibration absorption
- Lever throttle with safety lock



Collet Size:	1/4"	Vibration	A: 7.3 M/S ²
Free Speed:	20,000 RPM		K: 1.2 M/S ²
Weight:	0.56 Kg	Av Air Cons.:	2.4 CFM
Noise Level:	81 DBA (92 Pwr)	Output:	200 Watts

1/4" Angle Head

Model# SI2006S

- Small body size, angle head die grinder
- Compact, lightweight, ergonomic design
- Lever throttle with safety lock
- 1/8", 3 mm and 6 mm collets available



Collet Size:	1/4"	Vibration	A: 7.4 M/S ²
Free Speed:	20,000 RPM		K: 1.6 M/S ²
Weight:	0.49 Kg	Av Air Cons.:	2.3 CFM
Noise Level:	83 DBA (94 Pwr)	Output:	127 Watts

1/4" Medium Die Grinder

Model# SI2011S

- Medium body size die grinder, rear exhaust
- Lever throttle with safety lock
- Compact, lightweight, ergonomic design
- 1/8", 3 mm and 6 mm collets available



Collet Size:	1/4"	Vibration	A: 6.5 M/S ²
Free Speed:	25,000 RPM		K: 1.1 M/S ²
Weight:	0.60 Kg	Av Air Cons.:	4.0 CFM
Noise Level:	87 DBA (98 Pwr)	Output:	422 Watts

1/4" Medium Die Grinder

Model# SI2012

- Medium body size die grinder
- Compact, lightweight, ergonomic design
- Polymer body cover for increased vibration absorption
- 1/8", 3 mm and 6 mm collets available



Collet Size:	1/4"	Vibration	A: 3.9 M/S ²
Free Speed:	25,000 RPM		K: 1.3 M/S ²
Weight:	0.60 Kg	Av Air Cons.:	4.0 CFM
Noise Level:	87 DBA (98 Pwr)	Output:	388 Watts

1/4" Medium Die Grinder

Model# SI2015A

- Planetary geared die grinder for low speed and high torque
- Compact, lightweight, ergonomic design
- Polymer body cover for increased vibration absorption
- 1/8", 3 mm and 6 mm collets available



Collet Size:	6 MM	Vibration	A: 4.9 M/S ²
Free Speed:	5,500 RPM		K: 0.9 M/S ²
Weight:	0.91 Kg	Av Air Cons.:	4.2 CFM
Noise Level:	88 DBA (99 Pwr)	Output:	457 Watts

1/4" Extended Die Grinder

Model# SI2022S

- Die grinder with the extended shaft
- Designed for heavy duty and deep hole applications
- Oversized motor for higher power
- Lever throttle with safety lock
- 1/8", 3 mm and 6 mm collets available



Collet Size:	1/4"	Vibration	A: 4.1 M/S ²
Free Speed:	24,000 RPM		K: 0.9 M/S ²
Weight:	1.34 Kg	Av Air Cons.:	4.5 CFM
Noise Level:	89 DBA (100 Pwr)	Output:	537 Watts

1/4" Extended Die Grinder

Model# SI2023

- Low Speed Die Grinder with the extended shaft
- High torque for applications requiring power
- 1/8", 3 mm and 6 mm collets available
- Designed for heavy duty and deep hole applications
- Suitable for larger diameter burrs and abrasives



Collet Size:	1/4"	Vibration	A: 4.0 M/S ²
Free Speed:	6,000 RPM		K: 0.9 M/S ²
Weight:	1.70 Kg	Av Air Cons.:	3.8 CFM
Noise Level:	90 DBA (101 Pwr)	Output:	435 Watts

Carbide Burr Sets

See more Die Grinder Accessories on page 34.

3/8 Head Carbide Burr 3 Piece Set

Part# CBSET3

Set includes:

Radius Ended Cylinder Shape

Head Dia: 3/8"
Head Length: 3/4"
Overall Length: 2 1/2"

Cylinder Shape

Head Dia: 3/8"
Head Length: 3/4"
Overall Length: 2 1/2"

Ball Nosed Tree Shape

Head Dia: 3/8"
Head Length: 3/4"
Overall Length: 2 1/2"



30 MM High Speed Angle

Model# SI2050AG

- High speed angle head disc grinder with 30 mm diameter disc
- Designed for exact and delicate grinding work



Spindle Size:	M7 x 0.75	Vibration	A: 0.9 M/S ²
Free Speed:	21,000 RPM		K: 0.3 M/S ²
Weight:	0.23 Kg	Av Air Cons.:	1.1 CFM
Noise Level:	71 DBA (82 Pwr)	Output:	0 Watts

1/8" High Speed Straight

Model# SI2051SG

- High speed die grinder with 1/8" collet
- Designed for fine work in reduced space
- Low vibration and noise allows extended use
- Optional 3mm collet



Collet Size:	3 mm or 1/8"	Vibration	A: 1.2 M/S ²
Free Speed:	50,000 RPM		K: 0.6 M/S ²
Weight:	0.19 Kg	Av Air Cons.:	1.0 CFM
Noise Level:	71 DBA (82 Pwr)	Output:	0 Watts

70 MM Angle Head Polisher

Model# SI2221

- Geared polisher with 3" Velcro pad
- Light and compact body
- Designed for polishing and buffing

- Either a wool buff or sponge buff can be used



Pad Size: 75 MM
 Spindle Size: M6 x 1
 Free Speed: 4,500 RPM
 Weight: 0.64 Kg
 Noise Level: 83 DBA (94 Pwr)

Vibration A: 1.4 M/S²
 K: 0.6 M/S²
 Av Air Cons.: 2.5 CFM
 Output: 203 Watts

6" Vertical Polisher

Model# SI2405

- Vertical polisher with 6" pad
- Precise and high quality 2 gear mechanism ensures high power transfer

- Light weight
- Can also be used as a sander



Pad Size: 150 MM
 Spindle Size: 5/16 x 24 UNF
 Free Speed: 1,800 RPM
 Weight: 1.17 Kg
 Noise Level: 84 DBA (95 Pwr)
 Vibration A: 1.8 M/S²
 K: 1.0 M/S²
 Av Air Cons.: 2.8 CFM
 Output: 241 Watts

7" Vertical Polisher

Model# SI2400

- Vertical polisher with 7" backing pad
- Vertical grip for stable and easy operation
- Highest power vertical polisher



Pad Size: 180 MM
 Spindle Size: 5/8" x 11 UNC
 Free Speed: 2,000 RPM
 Weight: 2.24 Kg
 Noise Level: 83 DBA (94 Pwr)
 Vibration A: 1.8 M/S²
 K: 0.6 M/S²
 Av Air Cons.: 4.0 CFM
 Output: 511 Watts

7" Heavy Duty Angle Polisher

Model# SI2451

- Angle head polisher with 7" backing pad
- Dual position side handle for enhanced tool control

- Rear exhaust through the body handle
- Single direction polishing action
- 7" Velcro pad available (FP36175)



Pad Size: 180 MM
 Spindle Size: 5/8" x 11 UNC
 Free Speed: 2,300 RPM
 Weight: 2.13 Kg
 Noise Level: 83 DBA (94 Pwr)

Vibration A: 2.2 M/S²
 K: 0.7 M/S²
 Av Air Cons.: 3.9 CFM
 Output: 482 Watts

7" Wet Polisher

Model# SI2451WS

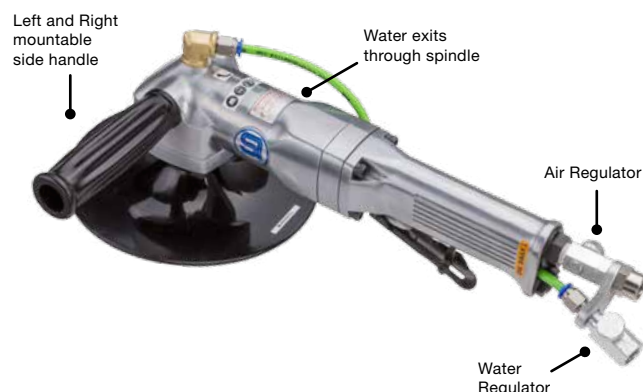
- Angle head sander with 7" backing pad
- Wet sander designed for stone sanding and polishing with water
- Stainless steel bearings

- Dual position side handle for smooth and stable control
- Rear exhaust through the body handle



Pad Size: 180 MM
 Spindle Size: 5/8" x 11 UNC
 Free Speed: 2,300 RPM
 Weight: 2.13 Kg
 Noise Level: 83 DBA (94 Pwr)

Vibration A: 2.2 M/S²
 K: 0.7 M/S²
 Av Air Cons.: 3.9 CFM
 Output: 482 Watts





8 MM Inline Grip Spot Mill

Model# SI5800

- Designed to remove spot welds on motorcars body panels
- Work guide for easy operation
- Easy to adjust depth of cut
- Supplied with 8 mm ø Mill



Chuck Size:	8 MM	Noise Level:	82 DBA (93 Pwr)
Drilling Cap:	8 MM	Vibration	A: <2.5 M/S ²
Spindle Size:	8		K: - m/s ²
Free Speed:	1,600 RPM	Av Air Cons.:	3.0 CFM
Weight:	1.8 Kg	Output:	197 Watts

8 MM Pistol Grip Spot Mill

Model# SI5850

- Designed to remove spot welds on body panel of motorcars
- Work guide makes easy operation
- Easy to adjust depth of cut
- With 8 mm ø Mill



Chuck Size:	8 MM	Noise Level:	83 DBA (94 Pwr)
Drilling Cap:	8 MM	Vibration	A: <2.5 M/S ²
Spindle Size:	8		K: - m/s ²
Free Speed:	2,000 RPM	Av Air Cons.:	1.3 CFM
Weight:	1.39 Kg	Output:	390 Watts

3/8" Straight Drill

Model# SI2015AD

- 3/8" capacity geared straight grip drill
- Specially designed tool for use in narrow place
- 3/8" capacity geared chuck
- Side handle supplied as standard for better tool control



Chuck Size:	10 MM	Noise Level:	86 DBA (97 Pwr)
Drilling Cap:	6 MM	Vibration	A: 2.6 M/S ²
Spindle Size:	3/8 x 24 UNF		K: 0.7 M/S ²
Free Speed:	6,000 RPM	Av Air Cons.:	4.2 CFM
Weight:	1.06 Kg	Output:	457 Watts

3/8" Pistol Drill

Model# SI5100A

- 3/8" capacity geared pistol grip drill
- High speed drill for soft metal
- 3/8" capacity geared chuck

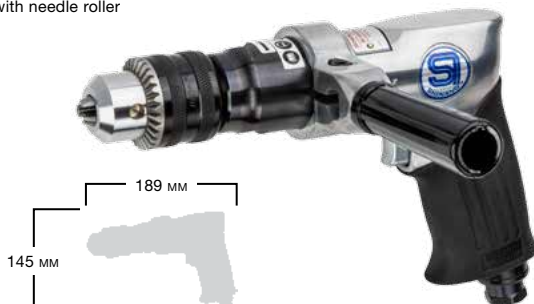


Chuck Size:	10 MM	Noise Level:	84 DBA (95 Pwr)
Drilling Cap:	6 MM	Vibration	A: 3.4 M/S ²
Spindle Size:	3/8 x 24 UNF		K: 0.8 M/S ²
Free Speed:	5,000 RPM	Av Air Cons.:	3.3 CFM
Weight:	0.90 Kg	Output:	390 Watts

1/2" Heavy Duty Drill

Model# SI5200A

- 1/2" capacity, geared, pistol grip drill
- 600 RPM low speed and high torque
- Precise planetary gear mechanism with needle roller
- High power and durability
- Side handle for greater hand control



Chuck Size:	13 MM	Noise Level:	82 DBA (93 Pwr)
Drilling Cap:	13 MM	Vibration	A: 3.0 M/S ²
Spindle Size:	3/8 x 24 UNF		K: 1.0 M/S ²
Free Speed:	600 RPM	Av Air Cons.:	3.5 CFM
Weight:	1.42 Kg	Output:	390 Watts

3/8" Heavy Duty Drill

Model# SI5300A

- Heavy duty 3/8" air drill - our best selling model
- High power, durability and reduced vibration levels
- Precise planetary gear mechanism supported by needle roller bearings



Chuck Size:	10 MM	Noise Level:	84 DBA (95 Pwr)
Drilling Cap:	10 MM	Vibration	A: 2.0 M/S ²
Spindle Size:	3/8 x 24UNF		K: 0.7 M/S ²
Free Speed:	2,000 RPM	Av Air Cons.:	3.6 CFM
Weight:	0.91 Kg	Output:	378 Watts



10 MM Precision Non-Reversible Drill

Model# SI5300AMK

- Heavy duty 3/8" air drill - 3/8" Keyless chuck
- Precise planetary gear mechanism supported by needle roller bearings
- High power, durability and reduced vibration levels



Chuck Size:	10 MM	Noise Level:	84 DBA (95 Pwr)
Drilling Cap:	10 MM	Vibration	A: 2.0 M/S ²
Spindle Size:	3/8 x 24UNF		K: 0.7 M/S ²
Free Speed:	2,000 RPM	Av Air Cons.:	3.6 CFM
Weight:	0.91 Kg	Output:	378 Watts

3/8" H-Duty Reversible Drill

Model# SI5305A

- Forward/Reverse lever positioned close to trigger
- Reliable proven design
- 3/8" capacity geared pistol grip reversible drill

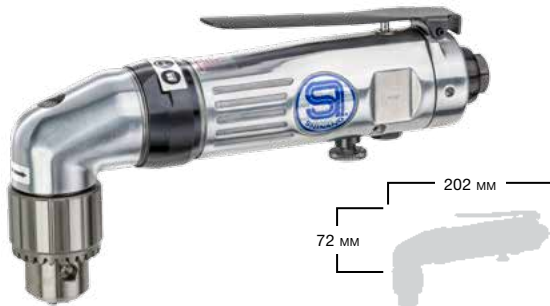


Chuck Size:	10 MM	Noise Level:	90 DBA (101 Pwr)
Drilling Cap:	10 MM	Vibration	A: 4.7 M/S ²
Spindle Size:	3/8 x 24UNF		K: 0.9 M/S ²
Free Speed:	2,000 RPM	Av Air Cons.:	3.9 CFM
Weight:	1.02 Kg	Output:	326 Watts

3/8" Angle Drill Reversible

Model# SI5355

- 3/8" capacity geared angle head drill
- Designed for drilling in confined places
- Button design forward and reverse control



Chuck Size:	10 MM	Noise Level:	84 DBA (95 Pwr)
Drilling Cap:	10 MM	Vibration	A: 3.2 M/S ²
Spindle Size:	3/8 x 24 UNF		K: 0.8 M/S ²
Free Speed:	1,200 RPM	Av Air Cons.:	3.0 CFM
Weight:	0.94 Kg	Output:	180 Watts

3/8" Light Duty Keyless Reversible Drill

Model# SI5405

- Triple idler planetary gearing for smooth operation and extended tool life
- High quality 3/8" keyless chuck
- End mounted reverse lever for one hand directional control



Chuck Size:	10 MM	Noise Level:	80 DBA (91 Pwr)
Drilling Cap:	10 MM	Vibration	A: 2.9 M/S ²
Spindle Size:	3/8 x 24 UNF		K: 0.9 M/S ²
Free Speed:	1,500 RPM	Av Air Cons.:	2.4 CFM
Weight:	1.08 Kg	Output:	197 Watts

3/8" Compact Drill

Model# SI5500

- 3/8" capacity geared pistol grip drill
- Economic price point model
- Ergonomic, compact and lightweight design



Chuck Size:	10 MM	Noise Level:	85 DBA (96 Pwr)
Drilling Cap:	10 MM	Vibration	A: 2.8 M/S ²
Spindle Size:	3/8 x 24 UNF		K: 0.7 M/S ²
Free Speed:	2,600 RPM	Av Air Cons.:	2.5 CFM
Weight:	0.79 Kg	Output:	258 Watts

3/8" Geared Variable Speed Keyed Drill

Model# SI5501

- Super light weight & compact design
- Solid composite body with molded rubber grip
- Comfortable grip with reduced vibration
- 3/8" capacity geared pistol grip drill
- Single hand operation of regulator lever



Chuck Size:	10 MM	Noise Level:	80 DBA (91 Pwr)
Drilling Cap:	10 MM	Vibration	A: 2.6 M/S ²
Spindle Size:	3/8 x 24 UNF		K: 0.7 M/S ²
Free Speed:	2,400 RPM	Av Air Cons.:	2.2 CFM
Weight:	0.60 Kg	Output:	234 Watts



3/8" Reversible Compact Drill

Model# SI5505

- 3/8" capacity geared pistol grip drill with solid composite body
- Supplied with 3/8 keyless chuck
- Comfortable grip with reduced vibration
- Single hand operation of reverse lever



Chuck Size:	10 mm	Noise Level:	80 DBA (91 Pwr)
Drilling Cap:	10 mm	Vibration	A: 2.5 M/S ²
Spindle Size:	-		K: 0.7 M/S ²
Free Speed:	1,900 RPM	Av Air Cons.:	2.6 CFM
Weight:	0.75 Kg	Output:	158 Watts

3/8" Super Light Weight Reversible Drill

Model# SI5506

- Super light weight & compact design
- 3/8" capacity geared pistol grip drill
- Solid composite body with molded rubber grip
- Comfortable grip with reduced vibration
- Single hand operation of reverse lever



Chuck Size:	10 mm	Noise Level:	80 DBA (91 Pwr)
Drilling Cap:	10 mm	Vibration	A: 1.9 M/S ²
Spindle Size:	3/8 x 24 UNF		K: 0.6 M/S ²
Free Speed:	1,700 RPM	Av Air Cons.:	2.4 CFM
Weight:	0.60 Kg	Output:	146 Watts

1/2 Capacity Reversible Keyed Drill

Model# SI5305-8A

- 1/2" capacity pistol grip reversible drill
- Low 800 RPM speed produces high torque
- 1/2" geared chuck
- Side handle for increased tool control



Chuck Size:	13 mm	Noise Level:	91 DBA (102 Pwr)
Drilling Cap:	13 mm	Vibration	A: 6.0 M/S ²
Spindle Size:	3/8 x 24 UNF		K: 1.6 M/S ²
Free Speed:	800 RPM	Av Air Cons.:	4.2 CFM
Weight:	1.45 Kg	Output:	326 Watts

Drill 1/2 Capacity Keyless Reversible

Model# SI5405-6

- 1/2" capacity pistol grip reversible drill
- Side handle for increased tool control
- 1/2" Keyless chuck
- Double reduction mechanism for exceptional power to weight



Chuck Size:	13 mm	Noise Level:	82 DBA (93 Pwr)
Drilling Cap:	13 mm	Vibration	A: 3.4 M/S ²
Spindle Size:	3/8 x 24 UNF		K: 0.8 M/S ²
Free Speed:	600 RPM	Av Air Cons.:	2.3 CFM
Weight:	1.41 Kg	Output:	186 Watts

1/4" Straight Screwdriver

Model# SI1140

- 4mm capacity straight grip screw driver
- Reverse button
- Clutch mechanism for easy adjustment of maximum torque



Shank Size:	1/4	Noise Level:	80 DBA (91 Pwr)
Bolt Cap:	5/32 MM	Vibration	A: 0.2 M/S ²
Max Torque:	1.10 Ft/lbs		K: 0.5 M/S ²
Free Speed:	1,700 RPM		
Weight:	0.62 Kg	Av Air Cons.:	1.9 CFM

1/4" Straight Screwdriver

Model# SI1161

- 6mm capacity straight grip screw driver
- Adjustable clutch
- Reverse button
- Compact, lightweight and ergonomic design



Shank Size:	1/4	Noise Level:	85 DBA (96 Pwr)
Bolt Cap:	1/4 MM	Vibration	A: 0.3 M/S ²
Max Torque:	3.70 Ft/lbs		K: 0.5 M/S ²
Free Speed:	1,600 RPM		
Weight:	1.12 Kg	Av Air Cons.:	2.8 CFM

1/4" Screwdriver

Model# SI1166A

- 6mm capacity pistol grip screw driver
- Ergonomic pistol grip for easy operation
- Adjustable clutch



Shank Size:	1/4	Noise Level:	88 DBA (99 Pwr)
Bolt Cap:	1/4 MM	Vibration	A: 0.4 M/S ²
Max Torque:	3.70 Ft/lbs		K: 0.5 M/S ²
Free Speed:	2,000 RPM		
Weight:	1.18 Kg	Av Air Cons.:	3.5 CFM

1/4" Screwdriver

Model# SI1166-8A

- 8mm capacity pistol grip screw driver
- Ergonomic pistol grip for easy operation
- Adjustable clutch



Shank Size:	1/4	Noise Level:	91 DBA (102 Pwr)
Bolt Cap:	5/16 MM	Vibration	A: 1.0 M/S ²
Max Torque:	6.60 Ft/lbs		K: 0.6 M/S ²
Free Speed:	800 RPM		
Weight:	1.35 Kg	Av Air Cons.:	3.3 CFM

1/4" Screwdriver

Model# SI1170

- Fully composite body for reduced weight
- External torque adjustment with marked ring
- Molded soft grip for comfort
- Magnetic screw bit holder



Shank Size:	1/4	Noise Level:	85 DBA (96 Pwr)
Bolt Cap:	5/16 MM	Vibration	A: 0.8 M/S ²
Max Torque:	14.80 Ft/lbs		K: 0.5 M/S ²
Free Speed:	700 RPM		
Weight:	0.85 Kg	Av Air Cons.:	2.3 CFM

1/4" Screwdriver

Model# SI5305AQC

- Pistol grip reversible screwdriver
- No clutch for maximum torque
- Forward/Reverse lever positioned close to trigger



Shank Size:	10	Noise Level:	90 DBA (101 Pwr)
Bolt Cap:	3/8 x 24 UNF MM	Vibration	A: 4.7 M/S ²
Max Torque:	N/A		K: 0.9 M/S ²
Weight:	1.42 Kg		
Av Air Cons.:			3.9 CFM

1/4" Pistol Impact Driver

Model# SI1065

- 6mm capacity pistol grip impact driver
- Double hammer design
- Ergonomic pistol grip for easy operation
- Rotating reverse lever

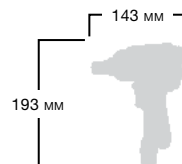


Max Torque:	48 Ft/lbs (65 Nm)	Noise Level:	88 DBA (99 Pwr)
Working Torque Range:	0-33 Ft/lbs (0-45 Nm)	Vibration	A: 6.9 M/S ² K: 2.0 M/S ²
Free Speed:	11,000 RPM		
Weight:	0.98 Kg	Av Air Cons.:	3.4 CFM

1/4" Pistol Impact Driver

Model# SI1365D

- 8mm capacity pistol grip impact driver
- Double hammer
- External silencer
- Reverse lever above trigger



Max Torque:	52 Ft/lbs (70 Nm)
Working Torque Range:	0-44 Ft/lbs (0-60 Nm)
Free Speed:	8,000 RPM
Weight:	1.32 Kg
Noise Level:	84 DBA (95 Pwr)
Vibration	A: 7.6 M/S ² K: 2.6 M/S ²
Av Air Cons.:	3.3 CFM

3" Cut Off Grinder

Model# SI2033

- 75 MM Blade diameter
- For cutting sheet metal or pipe
- Especially useful for cutting the exhaust pipe on motorcars
- Compact and lightweight body with lever throttle for safety operation



Specifications: 75 MM dia. saw blade
 Cut Cap.: 1 MM
 Free Speed: 20,000 RPM
 Weight: 1.00 Kg

Noise Level: 89 DBA (100 Pwr)
 Vibration A: 7.5 M/S²
 K: 2.4 M/S²
 Av Air Cons.: 4.0 CFM
 Output: 347 Watts

Multifunction Body Saw

Model# SI4700B

- Proven air saw design popular for cutting body panels
- A must have tool for the automotive repair market
- Integrated regulator and safety lever
- A popular tool at reasonable price



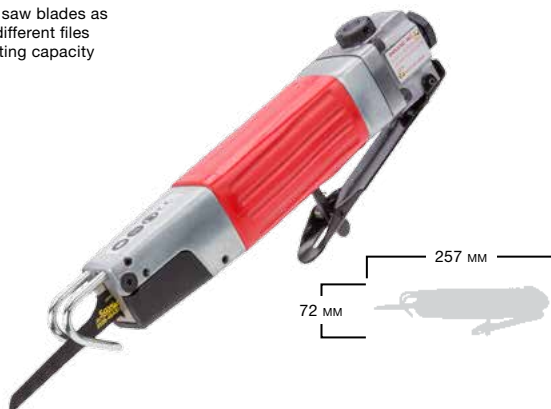
Specifications: 10 mm Stroke Length
 Cut Cap.: 3 MM
 Free Speed: 10,000 RPM

Weight: 0.58 Kg
 Noise Level: 82 DBA (93 Pwr)
 Vibration A: 22.6 M/S²
 K: 2.7 M/S²
 Av Air Cons.: 1.2 CFM

Multifunction Body Saw

Model# SI4710

- Accepts saw blades as well as different files
- High cutting capacity



Specifications: 5 mm file shank opening
 Cut Cap.: 3 MM
 Free Speed: 10,000 RPM

Weight: 0.80 Kg
 Noise Level: 85 DBA (97 Pwr)
 Vibration A: 21.0 M/S²
 K: 1.5 M/S²

Multifunction Body Saw

Model# SI4710F

- Accepts saw blades as well as different files
- High cutting capacity
- Includes Square, Triangular & Round 5 mm files



Specifications: 5 mm shank
 Cut Cap.: 3 MM
 Free Speed: 10,000 RPM
 Weight: 0.80 Kg
 Noise Level: 85 DBA (97 Pwr)
 Vibration A: 21.0 M/S²
 K: 1.5 M/S²
 Av Air Cons.: 1.0 CFM

Muti-Function Mini Air Saw

Model# SI4740

- World's smallest and lightest air saw
- Easy to use in confined work spaces
- Reduced 5 mm stroke length reduces risk of damaging other underlying components
- Designed to accept saw blades as well as 5 mm files
- Rubber grip reduces vibration and temperature transfer to the users hands
- Includes in-line air regulator for quick speed adjustments



Specifications: 5 mm Stroke Length
 Cut Cap.: 4 MM
 Free Speed: 10,500 RPM

Weight: 0.52 Kg
 Noise Level: 83 DBA (94 Pwr)
 Vibration A: 14.5 M/S²
 K: 1.9 M/S²
 Av Air Cons.: 1.7 CFM
 Output: 135 Watts

Oscillation Sealant Cutter & Sander

Model# SI3200A

- Oscillating mechanism tool with a triangular pad.
- For delicate and fine sanding work in confined spaces and corners
- Sealant cutter blades for rubber surround cutting
- CAUTION - blades are extremely sharp



Specifications: 75 mm x 70 mm pad and 90 mm blade
 Weight: 0.65 Kg
 Noise Level: 83 DBA (94 Pwr)

Vibration A: 9.6 M/S²
 K: 2.2 M/S²
 Av Air Cons.: 2.4 CFM
 Output: 173 Watts

Oscillation Cutter

Model# SI4300

- Oscillation cutting tool designed for cutting the body panels of motor vehicles
- Two different cutting blades are supplied with the tool
- Depth of cut attachment supplied
- Specially designed tool for car repair shop



Specifications: 2.8° oscillating angle

Free Speed: 20,000 RPM

Weight: 0.89 Kg

Noise Level: 88 DBA (99 Pwr)

Vibration A: 4.8 M/S²

K: 0.9 M/S²

Av Air Cons.: 3.2 CFM

Punch and Flange Tool

Model# SI4800

- Best tool for welding work on car body
- Head position adjustable 360 degree
- Punching and flanging tool for panel beating work



Specifications: 5 mm punching diameter

Cut Cap.: 1 mm

Weight: 1.2 Kg

Noise Level: 1.01 DBA (2.23 Pwr)

Vibration A: <2.5 M/S²

K: 0 M/S²

Av Air Cons.: 1.3 CFM

Metal Cutting Shear

Model# SI4500

- 3 blades shear head makes smooth cutting work for sheet metal
- Central blade pivots
- Designed for the speedy cutting of sheet metal



Specifications: 5.4 mm cutting width

Cut Cap.: 1.6 mm

Free Speed: 2,000 RPM

Weight: 1.26 Kg

Noise Level: 83 DBA (94 Pwr)

Vibration A: 4.9 M/S²

K: 0.9 M/S²

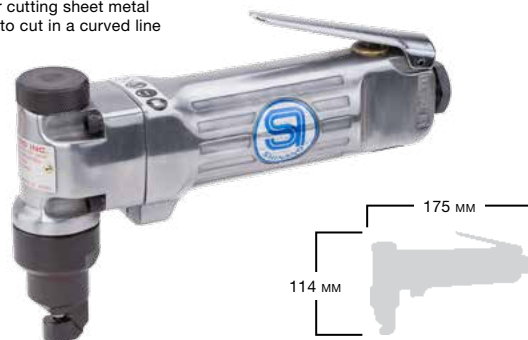
Av Air Cons.: 3.5 CFM

Output: 378 Watts

Air Nibbler

Model# SI4600

- The use of a punch and die makes cutting metal quick
- Air nibbler for cutting sheet metal
- Can be used to cut in a curved line



Specifications: 4.5 mm cutting width

Cut Cap.: 1.6 mm

Free Speed: 2,600 RPM

Weight: 1.00 Kg

Noise Level: 88 DBA (99 Pwr)

Vibration A: 8.6 M/S²

K: 1.3 M/S²

Av Air Cons.: 3.3 CFM

Output: 316 Watts

Oscillation Cutter Saws & Knives

See more Cutting Accessories on page 37.

Compact Oscillation Sealant Knife

50 mm blade length.

Part# 320A



Oscillation Sealant Knife

50 mm blade with 40 mm extension.

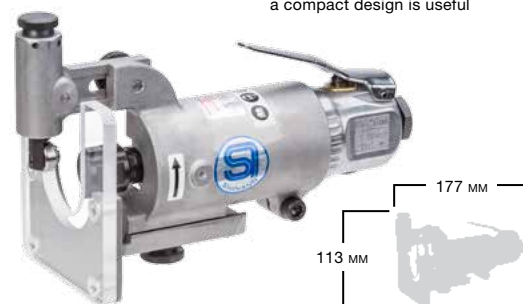
Part# 320B



Laminate Trimmer

Model# SI2018A

- Adjustable work guide for trimming laminate
- 1/4" collet mount
- Easy trimming work for woodwork products
- Designed for applications where a compact design is useful



Specifications: 1/4" collet size

Cut Cap.: 0 mm

Free Speed: 22,000 RPM

Weight: 0.91 Kg

Noise Level: 87 DBA (98 Pwr)

Vibration A: <2.5 M/S²

K: - m/s²

Av Air Cons.: 4.2 CFM

Output: 173 Watts



Straight Grip Needle Scaler

Model# SI4150

- Straight grip needle scaler for removing rust or old paint
- Excellent performance on uneven or rough surfaces
- Ergonomic grip
- Simple mechanism for easy maintenance and needle replacement



Arbor Type: 12 needle cluster, 3mm Dia.
Stroke Length: 4.5 MM
Impact Rate: 3,500 OPM
Arbor Type: 12 needle cluster, 3mm Dia.
Weight: 2.06 Kg
Noise Level: 97 DBA (107 Pwr)
Vibration: 13.0 M/S²
Av Air Cons.: 1.3 CFM

Pistol Grip Needle Scaler

Model# SI4160

- Pistol type needle scaler is good for holding
- Excellent performance on uneven or rough surfaces
- Simple mechanism provides easy maintenance and needle replacement
- Ergonomic design with a rubber grip



Arbor Type: 12 needle cluster, 3mm Dia.
Stroke Length: 4.5 MM
Impact Rate: 3,300 OPM
Arbor Type: 12 needle cluster, 3mm Dia.
Weight: 2.19 Kg
Noise Level: 95 DBA (108 Pwr)
Vibration: 14.1 M/S²
Av Air Cons.: 1.4 CFM

10.2 MM Pistol Grip Air Hammer

Model# SI4120A

- Pistol grip air hammer for 10.2 mm diameter chisels
- Many kinds of the chisels are available as accessories
- High speed piston suits a variety of chisel applications



Arbor Type: 12 needle cluster, 3mm Dia.
Stroke Length: 10.0 MM
Impact Rate: 2,600 OPM
Arbor Type: 12 needle cluster, 3mm Dia.
Weight: 1.60 Kg
Noise Level: 104 DBA (116 Pwr)
Vibration: 9.0 M/S²
Av Air Cons.: 3.0 CFM

Scaler Needles

See more Scaling & Hammering Tool Accessories on page 38.

Scaler Needles

12 Scaler Needles
180 MM x 3 Dia
Suits SI4150 Needle Scaler

Part# 820-11SET



Air Hammer Retainers

See more Air Hammer Retainers on page 38.

Quick Change
Heavy Duty
Spring Retainer
Suits SI4120A
10 MM Air Hammer

Part# GPA2311

Spring Retainer
Suits SI4120A
10 MM Air Hammer

Part# GPA70



Round Shank Air Hammer Chisels

See more Scaling & Hammering Tool Accessories on page 38.

Spot Weld Breaker Chisel
10 MM/0.401" Round Shank

Part# SI815



SOUND LEVELS

The noise tests are carried out in accordance with BS EN ISO15744:2008 and BS EN ISO11203:2009. The test is performed outdoors over a reflecting plane and there are no reflecting obstacles within a distance larger than 6 meters from the tool to the obstacle in each direction.

VIBRATION LEVELS

The vibration tests have been carried out in accordance with ISO28927 or standard EN60745 standards for power tools. Vibration levels under these standards are described by two values, "A" gives the vibration value (m/s²) and "K" the measurement uncertainty (m/s²). They represent the values, as measured in the lab, taken from 3 axes and closest to field conditions, rather than the data obtained on one axis, as was the case under the previous standard ISO8662.



WARRANTY POLICY

M Gamer Pty. Ltd. (ABN 29 095 491 633) of
 36 Success Street, Acacia Ridge Qld 4110.

Email: info@gamer.com.au
 Phone No: (07) 3277 6611
 Facsimile No: (07) 3875 1531

The Importer (the "Importer") warrants with the customer, (the "Customer") the quality of Shinano Goods ("Goods") subject to the following conditions:

1. Such warranty shall be to be repair or replace any Goods or part of Goods, which within 12 months from the date of delivery (the "Warranty Period") be defective. This warranty is in addition to other rights and remedies under Australian Consumer Law.
2. This Warranty only applies to Shinano Goods which the Customer purchased from the Importer or from an authorised dealer of the Importer. This Warranty does not apply to Shinano Goods purchased from any other source including but not limited to: retailers not authorised by the Importer, by auction or from a private seller.
3. No liability on the Importer's part shall arise unless within five (5) working days after the discovery of the defect the Customer sends written notice to the Importer by Email: info@gamer.com.au or Facsimile No: (07) 3875 1531 and includes photographs showing the alleged defect. Such notice must be received within the Warranty Period and the Customer provide to the Importer written proof of purchase. Further the Goods must have been purchased by the Customer from the Importer for the Goods.

4. The cost of returning the alleged defective goods from the Customer to the Importer (including postage and freight) shall be the responsibility of and at the expense of the Customer until it is verified by the Importer to be a warranty claim and at which time these expenses shall be the responsibility of and the expense of the Importer.

5. The Warranty shall not cover any defect or damage which may be caused or partly be caused through any or all of the following: (a) Improper adjustment, maintenance, operation or use of the Goods; (b) Any modification or adaption or addition to the Goods; (c) Misuse of the Goods or operation contrary to the product specifications or inadequate maintenance of the Goods.

6. If the Customer is a Consumer (as defined by section 3 of the Competition and Consumer Act 2010) the Goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund from major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the Goods repaired or replaced if the Goods fail to be of acceptable quality and the failure does not amount to a major failure.

7. In the event that the Importer is liable to the Customer under this Warranty, the Importer's liability is limited to repairing or replacing the Goods or part of Goods that do not comply with such Warranty and in no case shall the Importer be liable for consequential loss or costs any greater than the price of the Goods or part thereof that does not comply.

8. The decision to repair or replace Goods or part of Goods under this Warranty is at the sole discretion of the Importer.

9. The Customer cannot assign this Warranty without the prior written approval of the manufacturer. 10. All terms which would otherwise be implied are excluded (in the case of any terms that would be implied or incorporated by statute, any such terms are excluded to the extent that they are able to be excluded) except if stated in this Warranty.

11. The Customer does not rely on any representation, warranty or other term made by or on behalf of the Importer which is not set out in this Warranty and the Importer is not liable for any damage, economic loss or loss of profits whether direct, indirect, general special or consequential arising out of a breach of an implied or expressed term or suffered as a result of negligence of the Importer or its employers or agents, apart from liability as set out in this Warranty.

OPERATING ENVIRONMENT

In order to have a tool operate safely and with satisfactory performance, please read the following information thoroughly before considering which SI tool is right for your application.

WORK STATION

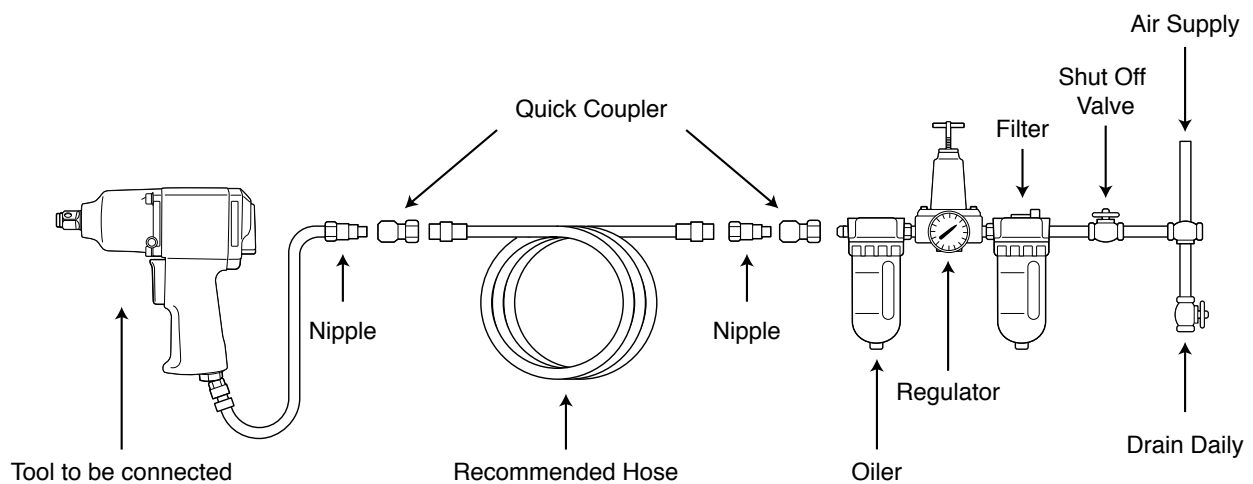
The tools in this catalogue are intended to be used as a hand-held tool only. It is always recommended that the operator uses the tool in a standing position on a solid floor. These tools can be used in other positions, but before any such use, the operator must ensure they are in a secure position holding the tool firmly and following extra safety precautions that may be required by your workplace.

AIR SUPPLY SYSTEM

To ensure that SI pneumatic tools perform as expected it is necessary to ensure the air supply to the tool is setup correctly. Compressed air must be supplied to the tool at a pressure of 90 PSI (0.63 mpa) when the tool is running with the trigger fully depressed.

Shinano Inc. recommends air regulators, filters, lubricator and water traps be installed in the air supply system. Hose diameter and length can effect the performance of some high capacity pneumatic tools. It is important that the correct hoses and fittings be used. Details of such equipment can be obtained from your pneumatic tool supplier.

It is recommended that the pneumatic tools are connected to an air supply system with a configuration as shown in the diagram below. DO NOT connect a pneumatic tool to the airline system without incorporating an easy to reach and operate air shut off valve. Ensure the air supply system can support the tool(s) that will be connected to it. An air filter, regulator and lubricator units should be installed to the air supply system that powers your pneumatic tools.



To properly maintain Shinano pneumatic tools it is critical that internal moving parts are sufficiently lubricated. Shinano recommends the use of a quality pneumatic tool oil which incorporates a rust inhibitor. If in-line lubrication equipment is not installed then the tool should be manually lubricated by the operator before and after using the tool. Disconnect the airline and pour pneumatic tool oil into the inlet bushing (approx. 5 ml). Reconnect tool to air supply and run tool slowly for a few seconds to allow air to circulate the oil.



Air Tool Maintenance

Air Tool Oil

250 ml bottle of
Shinano Air Tool Oil

Part# SI250



1 Litre bottle of
Shinano Air Tool Oil

Part# SI1000



5 Litre bottle of
Shinano Air Tool Oil

Part# SI5000



24 x 250 ml bottles of
Shinano Air Tool Oil Carton

Part# SI250x24



12 x 1 Litre bottles of
Shinano Air Tool Oil Carton

Part# SI1000x12



20 Litre Drum of
Shinano Air Tool Oil

Part# SI20LT



Wrench Accessories

Metric Impact Sockets



3/8" Drive Deep Impact Sockets

Part #	Size
GXLS3808	8 mm Deep Impact Socket
GXLS3810	10 mm Deep Impact Socket
GXLS3812	12 mm Deep Impact Socket
GXLS3813	13 mm Deep Impact Socket
GXLS3814	14 mm Deep Impact Socket
GXLS3815	15 mm Deep Impact Socket
GXLS3816	16 mm Deep Impact Socket
GXLS3817	17 mm Deep Impact Socket
GXLS3818	18 mm Deep Impact Socket
GXLS3819	19 mm Deep Impact Socket
GXLS3820	20 mm Deep Impact Socket
GXLS3821	21 mm Deep Impact Socket
GXLS3822	22 mm Deep Impact Socket
GXLS3824	24 mm Deep Impact Socket

1/2" Drive Deep Impact Sockets

Part #	Size
GXLS1210	10 mm Deep Impact Socket
GXLS1212	12 mm Deep Impact Socket
GXLS1213	13 mm Deep Impact Socket
GXLS1214	14 mm Deep Impact Socket
GXLS1215	15 mm Deep Impact Socket
GXLS1216	16 mm Deep Impact Socket
GXLS1217	17 mm Deep Impact Socket
GXLS1218	18 mm Deep Impact Socket
GXLS1219	19 mm Deep Impact Socket
GXLS1221	21 mm Deep Impact Socket
GXLS1222	22 mm Deep Impact Socket
GXLS1224	24 mm Deep Impact Socket
GXLS1227	27 mm Deep Impact Socket
GXLS1230	30 mm Deep Impact Socket
GXLS1232	32 mm Deep Impact Socket

3/4" Drive Deep Impact Sockets

Part #	Size
GXLS3417	17 mm Deep Impact Socket
GXLS3418	18 mm Deep Impact Socket
GXLS3419	19 mm Deep Impact Socket
GXLS3421	21 mm Deep Impact Socket
GXLS3422	22 mm Deep Impact Socket
GXLS3424	24 mm Deep Impact Socket
GXLS3427	27 mm Deep Impact Socket
GXLS3430	30 mm Deep Impact Socket
GXLS3432	32 mm Deep Impact Socket
GXLS3433	33 mm Deep Impact Socket
GXLS3434	34 mm Deep Impact Socket
GXLS3436	36 mm Deep Impact Socket
GXLS3438	38 mm Deep Impact Socket



Wrench Accessories

Impact Socket Sets



Made from Chrome Molybdenum Steel CR-MO. Meet or exceeds DIN & ANSI standards.

3/8" 8 Piece Metric Impact Socket Set

Sizes: 8, 10, 11, 12, 13, 15, 17, 19 mm

Part# GX838SSM

3/8" 8 Piece Imperial Impact Socket Set

Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"

Part# GX838SSI

1/2" 13 Piece Metric Impact Socket Set

Sizes: 10, 12, 13, 14, 15, 17, 18, 19, 21, 22, 24, 27 & 30 mm

Part# GX1312SSM

1/2" 13 Piece Imperial Impact Socket Set

Sizes: 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8 & 1-1/4"

Part# GX1312SSI

1/2" Imperial Hex Bit 8 Piece Set

Socket Length: 78 mm
Sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 3/4"

Part# GX12HBSI

1/2" Imperial Hex Bit 8 Piece Set

Socket Length: 60 mm
Sizes: 5, 6, 8, 10, 12, 14, 17, 19 mm

Part# GX12HBSM



Made from SNCM 8660 Steel which allows 20% more torque than CR-MO.

3/4" 8 Piece Imperial Impact Socket Set

Sizes: 1, 1-1/16, 1-1/8, 1-1/4, 1-5/16, 1-3/8, 1-7/16 & 1-1/2"

Part# GX834SSI

3/4" 8 Piece Metric Impact Socket Set

Sizes: 26, 27, 29, 30, 32, 35, 36 & 38 mm

Part# GX834SSM

1" 9 Piece Imperial Impact Socket Set

Sizes: 1, 1-1/8, 1-1/4, 1-3/8, 1-1/2, 1-5/8, 1-3/4, 1-7/8 & 2"

Part# GX91SSI

1" 9 Piece Metric Impact Socket Set

Sizes: 24, 27, 30, 32, 33, 36, 38, 41 & 46 mm

Part# GX91SSM



3/4" Drive Budd Wheel Sockets

Made from Chrome Molybdenum Steel CR-MO.

This two-in-one extra deep budd socket removes both nut and stud with one socket on dual-wheel applications. To suit Isuzu, Hino, Mitsubishi, Fuso and most European trucks.



3/4" Drive 17 mm Budd Wheel Socket

Part# GXBWS3417

3/4" Drive 19 mm Budd Wheel Socket

Part# GXBWS3419

3/4" Drive 21 mm Budd Wheel Socket

Part# GXBWS3421



1/2" Deep Impact Flip Socket

Made from Chrome Molybdenum Steel CR-MO.

Perfect for metric wheel lug nuts. Simply flip the socket for alternative size. For use with extended anvil impact wrenches.

1/2" Drive 17 & 19 mm Deep Impact Flip Socket

Part# GXFS121719



Wrench Accessories

Impact Extension Bars



Made from Chrome Molybdenum Steel CR-MO.

1/4" Wobble Extension Bar 4 Piece Set
Includes: 3", 6", 10" & 12" bars
Part# GXWEBS38



3/8" Wobble Extension Bar 4 Piece Set
Includes: 3", 6", 10" & 18" bars
Part# GXWEBS14



1/2" Wobble Extension Bar 4 Piece Set
Includes: 3", 5", 10" & 18" bars
Part# GXWEBS12



Impact Spin Extensions Bars

The ergonomic roller-bearing grab handle protects your hand from friction burns, burs and "glove grab". Its use also helps to balance heavy impact tools. The aluminum alloy handle is permanently mounted on the CrMo extension.

1/2" Impact Spin Extensions Bar
Length: 8
Part# GX12SE



3/4" Impact Spin Extensions Bar
Length: 10
Part# GX34SE



Impact Universal Joints



3/8" Drive Impact Universal Joint
Socket Length: 50 MM
Part# GX38U



1/2" Drive Impact Universal Joint
Socket Length: 63 MM
Part# GX12U



3/4" Drive Impact Universal Joint
Socket Length: 90 MM
Part# GX34U



Impact Adapter Sets



Chrome molybdenum impact 5 piece adapter set
Set Includes:
1/4" Female to 3/8" Male
1/2" Female to 3/8" Male
3/8" Female to 1/4" Male
1/2" Female to 3/4" Male
3/8" Female to 1/2" Male
Part# GXIA5



Wrench Accessories

Housing Protectors

Shinano housing protectors are manufactured from soft, hard wearing rubber that inhibits the development of scratches, gashes and cracks to the motor housing of the impact wrench.

Shinano Housing Protector to SI1490 & SI1492 impact wrenches.

Part# 913-21



Impact Wrench
not included.

Shinano Housing Protector to SI1420 & SI1422 impact wrenches.

Part# 930B-12Y



Impact Wrench
not included.

Fender Cover

Genuine Shinano Fender Cover

Prevent car fenders from being marked by grease and solvents or scratched by belt buckles and tools.

- Protective felt backing
- Magnetic strip

Dimensions: 796 MM x 595 MM.

Part# SI-FC



Die Grinder Accessories

Carbide Burr Sets

morrisflex

3/8 Head Carbide Burr 3 Piece Set

Part# CBSET3

Set includes:



**Radius Ended
Cylinder Shape**

Head Dia: 3/8"
Head Length: 3/4"
Overall Length: 2 1/2"

Cylinder Shape

Head Dia: 3/8"
Head Length: 3/4"
Overall Length: 2 1/2"

Ball Nosed Tree Shape

Head Dia: 3/8"
Head Length: 3/4"
Overall Length: 2 1/2"

1/2 Head Carbide Burr Piece 5 Set

Part# CBSET5

Set includes:



Ball Shape

Head Dia: 1/2"
Head Length: 7/16"
Overall Length: 2 1/4"

**Radius Ended
Cylinder Shape**

Head Dia: 1/2"
Head Length: 1"
Overall Length: 2 3/4"

Cylinder Shape

Head Dia: 1/2"
Head Length: 1"
Overall Length: 2 3/4"

**Ball Nosed
Tree Shape**

Head Dia: 1/2"
Head Length: 1"
Overall Length: 2 3/4"

Pointed Tree Shape

Head Dia: 1/2"
Head Length: 1"
Overall Length: 2 3/4"

3 Piece Non-ferrous Carbide Burr Set

PN: CBSET3NF

Set includes:



Ball Nosed Tree Shape

Head Dia: 3/8"
Head Length: 3/4"
Overall Length: 2 1/2"

Cylinder Shape

Head Dia: 3/8"
Head Length: 3/4"
Overall Length: 2 1/2"

**Radius Ended
Cylinder Shape**

Head Dia: 3/8"
Head Length: 3/4"
Overall Length: 2 1/2"

1/4 & 3/8 Head Carbide Burr 8 Piece Set

Part# CBSET8

Set includes:



Ball Shape

Head Dia: 1/4"
Head Length: 3/16"
Overall Length: 2"

Ball Shape

Head Dia: 3/8"
Head Length: 5/16"
Overall Length: 2 1/8"

Cylinder Shape

Head Dia: 1/4"
Head Length: 11/16"
Overall Length: 2"

Cylinder Shape

Head Dia: 3/8"
Head Length: 3/4"
Overall Length: 2 1/2"

Radius Ended Cylinder

Head Dia: 1/4"
Head Length: 11/16"
Overall Length: 2"

Radius Ended Cylinder

Head Dia: 3/8"
Head Length: 3/4"
Overall Length: 2 1/2"

Ball Nosed Tree Shape

Head Dia: 1/4"
Head Length: 11/16"
Overall Length: 2"

Ball Nosed Tree Shape

Head Dia: 3/8"
Head Length: 3/4"
Overall Length: 2 1/2"

Sanding Accessories

Rotary Backing Pads

6" (150 mm) Velcro Pad
 5/16" External Thread

Part# F6505



6" (150 mm) Velcro Pad
 5/16" External Thread
 Dust Free

Part# F6565



EINO
 POLYURETHANE PADS

150 mm Velcro Multi Hole
 E80/65/120 Pad
 Speed Rated: 12,000 RPM
 Suits Festo & Makita
 5/16" & 8 mm male thread

Part# FP17099



150 mm Velcro Pad
 M14 x 2 Int. Thread

Part# FP36155



flexipads
 HANGABLE DISPLAY PACK

100 mm Nylon Pad
 M10 x 1.5 internal thread.
 Includes Lock Nut

Part# FP20020



178 mm Nylon Pad
 M14 x 2 internal thread
 Includes Lock Nut

Part# FP20410



125 mm Nylon Pad
 M14 x 2 internal thread.
 Includes Lock Nut

Part# FP20210



178 mm Nylon Pad
 5/8 UNC internal thread.
 Includes Lock Nut

Part# FP20405

1/4" Shank Adaptor
 Mounts 1/4" thread
 abrasive pads to tool.

Part# GPA1520



50 mm Backing Pad
 50 mm quick-loc style
 backing pad and
 1/4" shank adapter.

Part# GPA1523K



75 mm Backing Pad
 75 mm quick-loc style
 backing pad and
 1/4" shank adapter.

Part# GPA1524K



geiger
 HANGABLE DISPLAY PACK

5" Turbo Rubber Backing Pad
 M14 internal thread.

Part# GTP162214



7" Rubber Turbo Backing Pad
 5/8" x 11 UNC
 internal thread.

Part# GTP1736

7" Rubber Turbo Backing Pad
 M14 internal thread

Part# GTP1737



5" Rubber Turbo Backing Pad
 5/8" x 11 UNC internal thread.

Part# GTP162258

Sanding Accessories

Abrasive Discs



**Blue 50 MM Fine
Abrasive Discs**

Packet of 10

Part# GPA1527X10



**Brown 75 MM Coarse
Abrasive Discs**

Packet of 10

Part# GPA1529X10



**Maroon 50 MM Medium
Abrasive Discs**

Packet of 10

Part# GPA1528X10



**Blue 75 MM Fine
Abrasive Discs**

Packet of 10

Part# GPA1530X10



**Brown 50 MM Coarse
Abrasive Discs**

Packet of 10

Part# GPA1526X10



Can be purchased in bulk buys

Scotch Brite Belts

**Fine Scotch Brite
Belts Blue**

Size: 10 MM x 330 MM
Pack of 5

Part# SBB10BLUE



**Fine Scotch Brite
Belts Blue**

Size: 20 MM x 520 MM
Pack of 5

Part# SBB20BLUE



**Coarse Scotch Brite
Belts Brown**

Size: 10 MM x 330 MM
Pack of 5

Part# SBB10BROWN



**Coarse Scotch Brite
Belts Brown**

Size: 20 MM x 520 MM
Pack of 5

Part# SBB20BROWN



Zirconia Sanding Belts

40 Grit Sanding Belts

Size: 10 MM x 330 MM
Pack of 10

Part# SIP10MMXP40

100 Grit Sanding Belts

Size: 10 MM x 330 MM
Pack of 10

Part# SIP10MMXP100

40 Grit Sanding Belts

Size: 20 MM x 520 MM
Pack of 10

Part# SIP20MMXP40

100 Sanding Belts

Size: 20 MM x 520 MM
Pack of 10

Part# SIP20MMXP100

60 Grit Sanding Belts

Size: 10 MM x 330 MM
Pack of 10

Part# SIP10MMXP60

120 Grit Sanding Belts

Size: 10 MM x 330 MM
Pack of 10

Part# SIP10MMXP120

60 Grit Sanding Belts

Size: 20 MM x 520 MM
Pack of 10

Part# SIP20MMXP60

120 Grit Sanding Belts

Size: 20 MM x 520 MM
Pack of 10

Part# SIP20MMXP120

80 Grit Sanding Belts

Size: 10 MM x 330 MM
Pack of 10

Part# SIP10MMXP80



80 Grit Sanding Belts

Size: 20 MM x 520 MM
Pack of 10

Part# SIP20MMXP80



Polishing Accessories

Polishing Bonnets



5" (125 mm) Merino Wool Sheep Skin Polishing Bonnet.

100% Merino sheep skin wool pile with tie cord.
 Max RPM: 2500
 Thickness: 32 mm

Part# FP40005



7" (180 mm) Merino Wool Sheep Skin Polishing Bonnet.

100% Merino sheep skin wool pile with tie cord.
 Max RPM: 2500
 Thickness: 32 mm

Part# FP40015



Rotary Polishing Pads



50 mm Q/Change Felt Polishing Pad

Part# GPA1525

75 mm Q/Change Felt Polishing Pad

Part# GPA1575

Taper Spindle

1/4" round shank

Part# TS12



Calico Polish Mop

Suits TS12 Taper Spindle
 50 mm Diameter

Part# PMC50



Cutting Accessories

Air Saw Files

5 mm Round Air Saw File

Shank: 5 mm
 File Size: 6 mm
 Length: 106 mm

Part# 506P-56R



5 mm Square Air Saw File

Shank: 5 mm
 File Size: 8.5W mm x
 2.7T mm x 57L mm
 Length: 106 mm

Part# 506P-56S



5 mm Triangle Air Saw File

5 mm shank
 File Size: 6 mm
 Length: 106 mm

Part# 506P-56T



Cut Off Discs



3" Cut Off Discs Pack of 5

New discs only 0.8 mm thick.
 Cuts quicker and cleaner saving you time and money.
 Ø75 x 0.8 x Ø9.53 mm
 Speed rated to 25,000 RPM
 Suits SI2033 Cut Off Grinder

Part# CO007K



Oscillation Cutter Saws & Knives

Micro Oscillation Saw Blade

20 mm blade width.

Part# 508-45B



Oscillation Saw Blade

64 mm Diameter

Part# 508-45B



Oscillation Saw Depth Guard

Limits oscillation cutter to 2 mm, 4 mm and 6 mm depths.

Part# 508-45B



Compact Oscillation Sealant Knife

50 mm blade length.

Part# 320A



Oscillation Sealant Knife

50 mm blade with 40 mm extension.

Part# 320B



Air Saw Blades



Pack of 5 18 TPI Bidirectional Metal Air Saw Blades

Suits SI4710, SI4710F, SI4740 Air Saws

Part# PT301A18



Pack of 5 24 TPI Bidirectional Metal Air Saw Blades

Suits SI4710, SI4710F, SI4740 Air Saws

Part# PT301A24



Pack of 5 32 TPI Bidirectional Metal Air Saw Blades

Suits SI4710, SI4710F, SI4740 Air Saws

Part# PT301A32



Scaling & Hammering Tool Accessories

Air Hammer Retainers



**Quick Change
Heavy Duty
Spring Retainer**
Suits SI4120A 10 MM
Air Hammer
Part# GPA2311



Spring Retainer
Suits SI4120A 10 MM Air Hammer
Part# GPA70

Packet of 2 Spring Retainers
Suits SI4120A 10 MM Air Hammer
Part# GPA70X2



Scaler Needles



Scaler Needles
12 Scaler Needles
180 MM x 3 Dia
Suits SI4150 Needle Scaler
Part# 820-11SET



Round Shank Air Hammer Chisels (10 MM/0.401")

15/16" Fork Chisel
Part# SI803J



Scraper Chisel
Part# SI805



Bushing Splitter
Part# SI806



Sheet Metal Cutter
Part# SI807



Double Edge Panel Cutter
Part# SI809



Flat 7" X 3/4" Chisel
Part# SI810



Taper Punch Chisel
Part# SI812



Blank Chisel
Part# SI814



Spot Weld Breaker Chisel
Part# SI815



Sheet Metal B Chisel
Part# SI816



Flat Bend Chisel
Part# SI818



Panel Crimper Chisel
Part# SI820



Straight Punch
Part# SI822



Paint Scraper Chisel
Part# SI823



Moil Point Chisel
Part# SI825





SHINANO^U

Quality Japanese Air Tools



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