



Pneumatic & Power Tools

GENERAL CATALOG

SAITAMASEIKI CO.,LTD





RATCHET WRENCHES

APPLICATIONS:

Fasten/unfasten screws of car engine and other automotive repairing and maintenance as well as various industrial operations at confined areas.

U-1900



3/8" Mini Ratchet Wrench

U-1900A 1/4" Mini Ratchet Wrench



U-1901

"U-GUIDE"
PAT. US6789448B2



3/8" Handy Ratchet Wrench

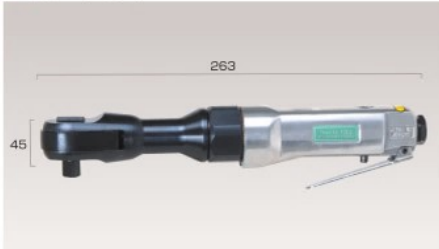
U-1902

"U-GUIDE"
PAT. US6789448B2



3/8" Mini Ratchet Wrench

U-131



1/2" Ratchet Wrench

U-133 3/8" Ratchet Wrench

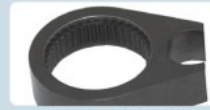
U-220



Through Ratchet Wrench

17mm hex. drive with 4 sockets, 8mm, 10mm, 12mm, 14mm.

"U-GUIDE" device for U-1901&U-1902



Improved YORK



Conventional YORK



[LEFT] worn anvil shank



[RIGHT] new anvil shank

- Solution to the structural problem of ratchet
- Special finish made on York teeth(US patent)
- Minimum slippage of Anvil Shank and York
- Minimum wearing of York teeth and Anvil Shank
- Stability of torque and rotation
- Minimize the damages of screws
- Additional fastening by hand is available

3-step SPEED REGULATOR for U-1901



- Low speed
- Medium speed
- high speed
- Air exhaust direction: 360-degree variable



2 grooves
LOW



3 grooves
MEDIUM



4 grooves
HIGH

| MODEL | Sq./Hex. (mm) | Free Speed (rpm) | Torque (N·m) | Air Cons. (L/min) | Air Inlet (PT) | Weight (kg) | Length (mm) | Housing Width(mm) | Housing Height(mm) |
|-----------|---------------|------------------|--------------|-------------------|----------------|-------------|-------------|-------------------|--------------------|
| U - 1900 | 9.5 | 250 | 20 | 350 | 1/4 | 0.50 | 165 | 31 | 35 |
| U - 1902 | 9.5 | 250 | 20 | 350 | 1/4 | 0.50 | 165 | 31 | 32 |
| U - 1900A | 6.35 | 250 | 20 | 350 | 1/4 | 0.50 | 165 | 31 | 35 |
| U - 1901 | 9.5 | 250 | 20 | 350 | 1/4 | 0.63 | 192 | 31 | 32 |
| U - 133 | 9.5 | 160 | 80 | 450 | 1/4 | 1.16 | 263 | 40 | 42 |
| U - 131 | 12.7 | 160 | 80 | 450 | 1/4 | 1.16 | 263 | 40 | 45 |
| U - 220 | 8·10·12·14 | 450 | 30 | 350 | 1/4 | 0.58 | 210 | 29 | 22 |



DRILLS, SCREWDRIVERS & AIR SAW

APPLICATIONS:

DRILLS: Metal working, wood working, automotive repairing & maintenance, and every drilling operation.

SCREWDRIVERS: Assembling operation for wooden, electric and other various products.

AIR SAW: Cutting sheet metal, wood, aluminium.

U-590



3/8" Drill

10mm cap.

U-810



Screwdriver

1/4"(6.35mm) hex. drive

U-600



3/8" Reversible Drill

10mm cap.

U-810-8



Low-speed Screwdriver

1/4"(6.35mm) hex. drive
High torque

U-527



1/2" Reversible Drill

13mm cap.
with side handle

U-830



Screwdriver, straight

1/4"(6.35mm) hex. drive

U-500AH



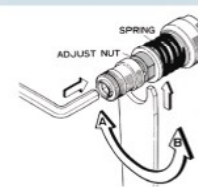
3/8" Angle-head Drill

10mm cap.

How to change torque for U-810,U-810-8,U-830

- ① Disassemble Housing.
- ② Take two wrenches from the box.
- ③ Adjust torque as shown.

Turn to "A" : High torque
Turn to "B" : Low torque



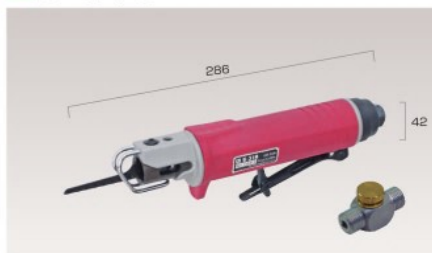
U-500AHR



3/8" Angle-head Reversible Drill

10mm cap.

U-310



Air Saw

Piston Strokes 10mm

with 24T & 32T blades & speed controller

φ5mm is also available.
140

| MODEL | Chuck Cap. (mm) | Free Speed (rpm) | Air Cons. (L/min) | Air Inlet (PT) | Hex.Drive (mm) | Screw Cap. (mm) | Torque (N·m) | Weight (kg) | Length (mm) | Height (mm) |
|------------|-----------------|------------------|-------------------|----------------|----------------|-----------------|--------------|-------------|-------------|-------------|
| U - 590 | 10 | 2,400 | 470 | 1/4 | - | - | - | 1.18 | 178 | 145 |
| U - 600 | 10 | 2,000 | 580 | 1/4 | - | - | - | 1.18 | 178 | 155 |
| U - 527 | 13 | 480 | 470 | 1/4 | - | - | - | 1.60 | 220 | 155 |
| U - 500AH | 10 | 1,900 | 360 | 1/4 | - | - | - | 0.98 | 185 | 95 |
| U - 500AHR | 10 | 1,200 | 360 | 1/4 | - | - | - | 1.27 | 208 | 100 |
| U - 810 | - | 1,800 | 600 | 1/4 | 6.35 | 6 | 12 | 1.16 | 185 | 155 |
| U - 810-8 | - | 800 | 600 | 1/4 | 6.35 | 8 | 15 | 1.35 | 205 | 155 |
| U - 830 | - | 1,800 | 420 | 1/4 | 6.35 | 6 | 12 | 1.15 | 250 | 43 |
| U - 310 | - | 9,000 (Stroke) | 150 | 1/4 | - | - | - | 0.64 | 236 | 42 |



IMPACT DRIVERS & IMPACT WRENCHES

APPLICATIONS:

IMPACT DRIVERS: Assembling operation for wooden, electric and other various products.

IMPACT WRENCHES: Assembling/disassembling the engines of cars & motorcycles. Tire changing. Assembling/disassembling construction machineries, and its maintenance.

U-825



Impact Driver

1/4"(6.35mm) hex. drive
Double hammer clutch
4-step speed regulator built-in

U-135



3/8" Impact Wrench

Single-hammer clutch
4-step speed regulator built-in

U-P6L



Heavy duty Impact driver

1/4"(6.35mm) hex.drive
Double hammer clutch
4-step speed regulator built-in

U-150A



3/8" Impact Wrench

Light-weight & compact
Jumbo-hammer clutch
Composite housing

U-S6L



Heavy duty Impact driver

1/4"(6.35mm) hex. drive
Double hammer clutch
4-step speed regulator built-in

U-845



1/2" Impact Wrench

Pin-hammer clutch
4-step speed regulator built-in

U-845L



2" LONG ANVIL is also available.

U-P6



Heavy duty 3/8" Impact Wrench

Double-hammer clutch
4-step speed regulator built-in

U-150ST



1/2" Impact Wrench

Light-weight & compact
Jumbo-hammer clutch
Composite housing

U-S6



Heavy duty 3/8" Impact Wrench

Double-hammer clutch
4-step speed regulator built-in

U-171T



1/2" Impact Wrench

Twin-hammer clutch
Composite housing
One hand F/R switch

| MODEL | Sq. Drive (mm) | Bolt Cap. (mm) | Torque (N·m) | Free Speed (rpm) | Air Cons. (L/min) | Air Inlet (PT) | Weight (kg) | Length (mm) | Height (mm) | Anvil Length (mm) |
|--------------|-----------------|----------------------------------|--------------|------------------|-------------------|----------------|-------------|-------------|-------------|-------------------|
| U - P6 | 9.5 | 6-8 | 50-122 | 7,600 | 340 | 1/4 | 1.50 | 145 | 65 | 20 |
| U - S6 | 9.5 | 6-8 | 50-122 | 8,000 | 310 | 1/4 | 1.35 | 210 | 65 | 20 |
| U - 135 | 9.5 | 10 | 100(MAX) | 9,000 | 380 | 1/4 | 1.33 | 136 | 164 | 15 |
| U - 150A | 9.5 | 10 | 350(MAX) | 8,000 | 480 | 1/4 | 1.15 | 112 | 188 | 14 |
| U - 845/845L | 12.7 | 16 | 450(MAX) | 7,000 | 480 | 1/4 | 2.26/2.35 | 187/225 | 185 | 26/65 |
| U - 150ST | 12.7 | 16 | 470(MAX) | 9,500 | 480 | 1/4 | 1.15 | 112 | 188 | 17 |
| U - 171T | 12.7 | 16 | 600(MAX) | 7,300 | 620 | 1/4 | 1.98 | 180 | 182 | 17 |
| MODEL | Hex. Drive (mm) | Screw Cap. (mm) | Torque (N·m) | Free Speed (rpm) | Air Cons. (L/min) | Air Inlet (mm) | Weight (kg) | Length (mm) | Height (mm) | Anvil Length (mm) |
| U - 825 | 6.35 | 6 | 50(MAX) | 12,000 | 350 | 1/4 | 0.87 | 125 | 160 | - |
| MODEL | standard | Screw Capacity (mm) tapping wood | bolt | Free Speed (rpm) | Air Cons. (L/min) | Air Inlet (mm) | Weight (kg) | Length (mm) | Height (mm) | Anvil Length (mm) |
| U - P6L | 6.0-8.0 | 4.0-4.5 | 3.5-4.5 | 6.0-8.0 | 7,600 | 340 | 1/4 | 1.47 | 154 | 182 |
| U - S6L | 6.0-8.0 | 4.0-4.5 | 3.5-4.5 | 6.0-8.0 | 8,000 | 310 | 1/4 | 1.33 | 212 | 60 |



IMPACT DRIVERS & IMPACT WRENCHES

APPLICATIONS:

3/4" IMPACT WRENCHES: Assembling/disassembling the engines of cars & motorcycles. Tire changing. Assembling/disassembling construction machineries, and its maintenance.

1" IMPACT WRENCHES: Changing tires of heavy vehicles. Assembling/disassembling heavy duty construction machineries, and its maintenance. Construction and maintenance of buildings, bridges, railways, highways, oil plants, etc.

U-156



3/4" Impact Wrench

Pin-hammer clutch

U-156L



3/4" Impact Wrench with 2.5" long anvil

Pin-hammer clutch

U-1310S



3/4" Straight Impact Wrench

Twin-hammer clutch

U-1310



3/4" Straight Impact Wrench with 6" long anvil

Twin-hammer clutch

U-1320S



1" Light-weight Impact Wrench

Twin-hammer clutch

U-1320



1" Light-weight Impact Wrench with 7.5" long anvil

Twin-hammer clutch

U-1350S



1" Impact Wrench

Single pinless hammer clutch, 3-step speed regulator

U-1350



1" Impact Wrench with 7.5" long anvil

Single pinless hammer clutch, 3-step speed regulator

| MODEL | Sq. Drive (mm) | Bolt Cap. (mm) | Torque (N·m) | Free Speed (rpm) | Air Cons. (L/min) | Air Inlet (PT) | Weight (kg) | Length (mm) | Height (mm) | Anvil Length (mm) |
|-----------|----------------|----------------|--------------|------------------|-------------------|----------------|-------------|-------------|-------------|-------------------|
| U - 156 | 19 | 25 | 900 | 5,300 | 680 | 1/4 | 3.7 | 215 | 215 | 29 |
| U - 156L | 19 | 25 | 900 | 5,300 | 680 | 1/4 | 3.8 | 253 | 215 | 65 |
| U - 1310S | 19 | 25 | 1,800 | 3,700 | 1,250 | 3/8 | 6.8 | 360 | 170 | 45 |
| U - 1310 | 19 | 25 | 1,800 | 3,700 | 1,250 | 3/8 | 7.1 | 470 | 170 | 170 |
| U - 1320S | 25.4 | 36 | 1,800 | 3,700 | 1,250 | 3/8 | 7.0 | 360 | 170 | 45 |
| U - 1320 | 25.4 | 36 | 1,800 | 3,700 | 1,250 | 3/8 | 7.8 | 510 | 170 | 210 |
| U - 1350S | 25.4 | 38 | 2,000 | 3,500 | 1,280 | 1/2 | 9.3 | 360 | 175 | 43 |
| U - 1350 | 25.4 | 38 | 2,000 | 3,500 | 1,280 | 1/2 | 10.8 | 510 | 175 | 193 |



1" IMPACT WRENCHES

APPLICATIONS:

Changing tires of heavy vehicles. Assembling/disassembling heavy duty construction machineries, and its maintenance. Construction and maintenance of buildings, bridges, railways, highways, oil plants, etc.

U-145SS



Heavy duty 1" Impact Wrench
Single pinless hammer clutch, 3-step speed regulator

U-145S



Heavy duty 1" Impact Wrench with 9" long anvil
Single pinless hammer clutch, 3-step speed regulator

U-1350P

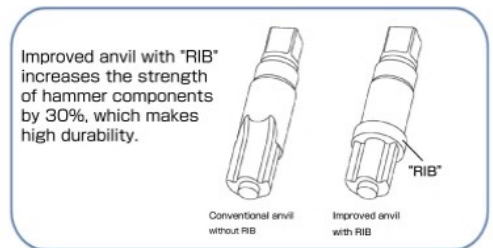


1" pistol grip Impact Wrench
Single pinless hammer clutch, 3-step speed regulator

U-1350PL



7.5" LONG ANVIL is also available



● HANMMER-CLUTCH MECHANISM



| MODEL | Sq. Drive (mm) | Bolt Cap. (mm) | Torque (N·m) | Free Speed (rpm) | Air Cons. (L/min) | Air Inlet (PT) | Weight (kg) | Length (mm) | Height (mm) | Anvil Length (mm) |
|------------|----------------|----------------|--------------|------------------|-------------------|----------------|-------------|-------------|-------------|-------------------|
| U - 145SS | 25.4 | 45 | 2,500 | 3,200 | 1,480 | 1/2 | 12.3 | 410 | 175 | 43 |
| U - 145S | 25.4 | 45 | 2,500 | 3,200 | 1,480 | 1/2 | 14.8 | 560 | 175 | 235 |
| U - 1350P | 25.4 | 38 | 2,000 | 3,500 | 1,280 | 1/2 | 9.6 | 270 | 280 | 43 |
| U - 1350PL | 25.4 | 38 | 2,000 | 3,500 | 1,280 | 1/2 | 11.1 | 420 | 280 | 193 |



GRINDERS & SINGLE ACTION SANDERS

APPLICATIONS:

Paint scraping. Removal of rust, die casting chips, welding spot, etc.

U-102GL



Mini Angle Grinder

lever throttle
with 50mm quick pad (M6)
& speed controller

U-102CL



Mini Angle Grinder

lever throttle
with 50mm quick pad
& speed controller

OPTION
1/8 collet, 1/4 collet

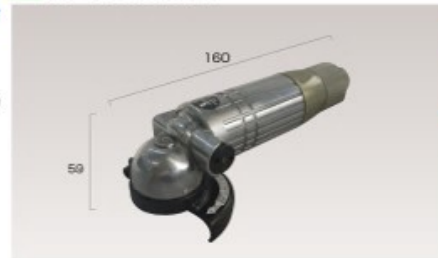
U-102GR



Mini Angle Grinder

rotary throttle
with 50mm quick pad (M6)
& speed controller

U-103GR



Super Mini Angle Grinder

rotary throttle
for 50mm grinding disc

U-103GL



LEVER throttle is also available

U-104SL



4" Disc Sander/Grinder

lever throttle
with 60 mm backing pad
for upto 100mm grinding disc

U-104SR



4" Disc Sander/Grinder

rotary throttle
with 60 mm backing pad
for upto 100mm grinding disc

U-104GL



4" Disc Grinder

lever throttle
for 100mm grinding disc

U-104GR



4" Disc Grinder

rotary throttle
for 100mm grinding disc

U-104GRF



5" Sander with FLEXIBLE PAD

rotary throttle
with 123mm flexible pad



Flexible Velcro Pad
Code: 5610

U-AR07



Turbo Lapper

rotary throttle
0.7mm stroke

| MODEL | Disc Size (mm) | Free Speed (rpm) | Air Cons. (L/min) | Air Inlet (PT) | Weight (kg) | Length (mm) | Height (mm) | Noise Level (dBA) |
|--------------|----------------|------------------|-------------------|----------------|-------------|-------------|-------------|-------------------|
| U - 102GL/GR | ø50 | 22,000 | 400 | 1/4 | 0.53/0.51 | 135/145 | 68 | 80 |
| U - 102CL | collect ø6 | 22,000 | 400 | 1/4 | 0.50 | 135 | 80 | 80 |
| U - 103GL/GR | ø50 | 12,500 | 540 | 1/4 | 0.59/0.54 | 160 | 59 | 85 |
| U - 104SL/SR | ø100 | 13,000 | 530 | 1/4 | 0.95/0.90 | 180 | 85 | 90 |
| U - 104GL/GR | ø100 | 12,000 | 680 | 1/4 | 1.35/1.30 | 207 | 92 | 92 |
| U - 104GRF | ø123 | 12,000 | 680 | 1/4 | 1.23 | 215 | 92 | 92 |
| U - AR07 | 3 | 35,000 | 46 | 1/4 | 0.24 | 146 | 26 | 78 |



DIE GRINDERS & Y-BRUSH

APPLICATIONS:

Removal of rust, die casting chips, welding spot, etc. Grinding & sanding die cast, welding spot, etc. Any metal grinding. Tire repairing. Chamfering.

U-125



Mini Die Grinder

safety lever throttle & speed regulator

OPTION
1/8 collet, 1/4 collet

U-125AH



Angle Die Grinder

safety lever throttle & speed regulator

OPTION
1/8 collet, 1/4 collet

U-130



Die Grinder

safety lever throttle & speed regulator

OPTION
1/8 collet, 1/4 collet

U-130C



Die Grinder

safety lever throttle
rear air exhaust
& speed regulator

OPTION
1/8 collet, 1/4 collet

U-130D



Low-speed Long Die Grinder

Lever throttle
rear air exhaust
& speed controller

OPTION
1/8 collet, 1/4 collet

Y-BRUSH



Nylon Abrasive Brush

for low speed die grinder
under 5000 rpm

Y-320: grit no. 320
Y-240: grit no. 240

U-1362



Micro Grinder

rotary throttle
with 3mm collet
& 173mm air hose



Carbide Bar 3mm Dia.

U-1635



Pencil Grinder

rotary throttle
with 6mm collet
& 3mm collet adaptor

U-1625R



Heavy duty Die Grinder

rotary throttle
with 6mm collet

U-1625



LEVER throttle is
also available

U-1625RL Heavy duty Long Die Grinder

rotary throttle with 6mm collet



U-1625L



LEVER throttle is also available

| MODEL | Disc Size (mm) | Free Speed (rpm) | Air Cons. (L/min) | Air Inlet (PT) | Weight (kg) | Length (mm) | Height (mm) | Noise Level (dBA) |
|------------------|----------------|------------------|-------------------|----------------|-------------|-------------|-------------|-------------------|
| U - 125 | φ6 | 27,000 | 380 | 1/4 | 0.30 | 120 | 32 | 86 |
| U - 125AH | φ6 | 20,000 | 380 | 1/4 | 0.42 | 123 | 73 | 86 |
| U - 130 | φ6 | 24,000 | 550 | 1/4 | 0.53 | 143 | 41 | 85 |
| U - 130C | φ6 | 22,000 | 450 | 1/4 | 0.57 | 168 | 41 | 91 |
| U - 130D | φ6 | 4,500 | 450 | 1/4 | 0.73 | 200 | 41 | 91 |
| U - 1362 | φ3 | 56,000 | 170 | 1/4 | 0.25 | 130 | 10.5 | 76 |
| U - 1635 | φ3-6 | 35,000 | 180 | 1/4 | 0.24 | 146 | 26 | 75 |
| U - 1625/1625R | φ6 | 25,000 | 300 | 1/4 | 0.60/0.62 | 163/180 | 37 | 86 |
| U - 1625L/1625RL | φ6 | 22,000 | 300 | 1/4 | 0.93/0.95 | 318/335 | 37 | 86 |



SINGLE ACTION & DOUBLE ACTION SANDERS

APPLICATIONS:

SINGLE ACTION SANDERS: Paint scraping. Removal of rust, die casting chips, welding spot, etc.

DOUBLE ACTION SANDERS: Widely used at various industrial sites, as carbody repairing, wooden working, metal working, FRP working, etc. with U-TOOLS' excellent sanding program. Tools are of low vibration, low gravity center, well-balanced & excellent performance.

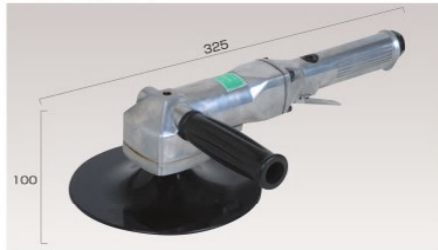
U-5901



3" Paper Sander

with 70mm backing pad & speed regulator

U-580



7" Angle Sander

with 175mm pad & side handle

U-803S



Heavy duty Brush Sander

with 75mm nylon brush (M16) side handle & safety lever



U-55JI



Dynamic Single Action Sander

10mm orbit dia. with 5" pad & speed controller (6" pad optional)

U-51



1.2" Mini Double Action Sander

with Glue-on pad 30mm dia. & speed controller

U-52



2" Mini Double Action Sander

with Velcro pads 45mm (1.8") dia., 72mm (2.8") dia., buffering disc 50mm (2") dia. & speed controller

U-521



2" Mini Double Action Sander

"Light-weight", composite housing with Velcro pad 48mm & speed controller

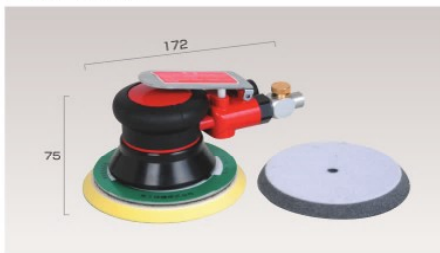
U-54



4" Double Action Sander

with Velcro pad 98mm, cushion base 98mm & speed controller

U-551



5" Double Action Sander

"SPECIAL PAD SYSTEM"

with Velcro pad base 105mm, hard pad 123mm, soft pad 123mm & speed controller

U-551S



5" Double Action Sander

"Light-weight"

with Velcro pad 123mm & speed controller

| MODEL | Pad/Disc Size (mm) | Free Speed (rpm) | Orbit Dia. (mm) | Air Cons. (L/min) | Pad Screw Size (mm) | Air Inlet (PT) | Weight (kg) | Length (mm) | Height (mm) | Noise Level (dBA) |
|----------|--------------------|------------------|--------------------|-------------------|---------------------|----------------|-------------|-------------|-------------|-------------------|
| U - 5901 | φ70 | 18,000 | - | 400 | - | 1/4 | 0.95 | 107 | 180 | 90 |
| U - 580 | φ175 | 4,800 | - | 630 | - | 1/4 | 2.05 | 325 | 100 | 95 |
| U - 803S | M16 screw | 5,000 | - | 460 | - | 1/4 | 1.20 | 205 | 96 | 84 |
| U - 55JI | φ123 | 9,000 | 10 (Pad amplitude) | 350 | 5/16-24UNF | 1/4 | 1.13 | 300 | 91 | 78 |
| U - 51 | φ30 | 8,500 | 3 | 140 | 5/16-24UNF | 1/4 | 0.48 | 175 | 75 | 75 |
| U - 52 | φ45 · 72 | 10,000 | 3 | 280 | 5/16-24UNF | 1/4 | 0.71 | 198 | 95 | 83 |
| U - 521 | φ48 | 13,000 | 3 | 380 | M6 | 1/4 | 0.85 | 180 | 78 | 85 |
| U - 54 | φ98 | 9,000 | 5 | 340 | 5/16-24UNF | 1/4 | 0.70 | 165 | 75 | 78 |
| U - 551 | φ123 | 9,000 | 5 | 340 | 5/16-24UNF | 1/4 | 0.69 | 172 | 75 | 78 |
| U - 551S | φ123 | 9,000 | 5 | 340 | 5/16-24UNF | 1/4 | 0.70 | 172 | 75 | 78 |



DOUBLE ACTION, OSCILLATION SANDERS

APPLICATIONS:

Widely used at various industrial sites, as carbody repairing, wooden working, metal working, FRP working, etc. with U-TOOLS' excellent sanding program. Tools are of low vibration, low gravity center, well-balanced & excellent performance.

U-55



5" Double Action Sander

with Velcro pad 123mm dia. & speed controller

U-56



with Velcro pad 148mm dia. & speed controller

U-55L



5" Double Action Sander

"Light-weight", composite housing with Velcro pad 123mm dia. & speed controller

U-556



5" Double Action Sander

One hand grip throttle with handle grip, Velcro pad 123mm dia. & speed controller

U-556J



10mm orbit dia. with Velcro pad 123mm dia.

U-55J

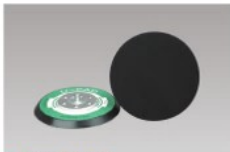


5" Double Action Sander

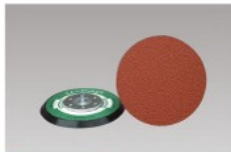
10mm orbit dia.

with Velcro pad 123mm dia. & speed controller

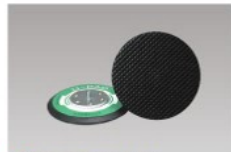
Double action Sander Optional Pad



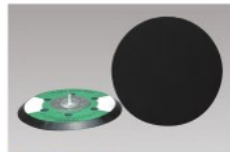
■ Velcro Pad
123mm dia. x 10mm T.
Code: 5500



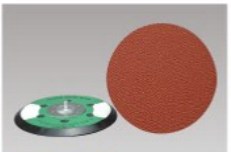
■ Glue-on Pad
123mm dia. x 10mm T.
Code: 5502



■ Glue-on Soft Pad
123mm dia. x 8mm T.
Code: 5504

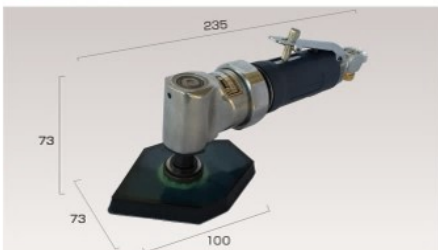


■ Velcro Pad
148mm dia. x 10mm T.
Code: 5531



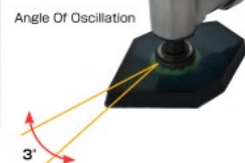
■ Glue-on Pad
148mm dia. x 10mm T.
Code: 5537

U-75A



Oscillation Sander

with Pentagonal Velcro pad, cushion pad 123mm dia. & speed controller

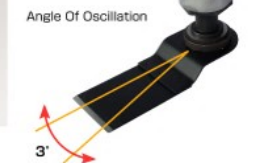


U-75B

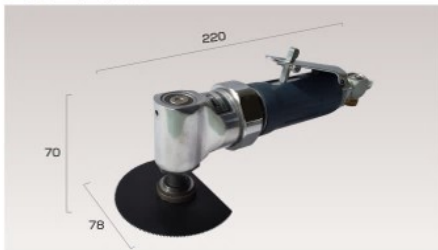


Oscillation Scraper

with scraper & speed controller



U-75C

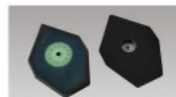


Oscillation Cutter

with semicircle sawblade & speed controller



U-75 Accessories



■ Pentagon Velcro Pad
73mm W. x 100mm L.
(13 holes)
Code: 7495



■ Scraper
34mm W. x 90mm L.
Code: 7494



■ Semicircle Sawblade
78mm dia.
Code: 7492

| MODEL | Pad/Disc Size (mm) | Free Speed (rpm) | Orbit Dia. (mm) | Air Cons. (L/min) | Pad Screw Size (mm) | Air Inlet (PT) | Weight (kg) | Length (mm) | Height (mm) | Noise Level (dBA) |
|---------|--------------------|------------------|-----------------|-------------------|---------------------|----------------|-------------|-------------|-------------|-------------------|
| U - 55 | φ 123 | 10,000 | 5 | 380 | 5/16-24UNF | 1/4 | 0.90 | 172 | 91 | 78 |
| U - 56 | φ 148 | 10,000 | 5 | 380 | 5/16-24UNF | 1/4 | 0.90 | 185 | 91 | 78 |
| U - 55L | φ 123 | 10,000 | 5 | 400 | 5/16-24UNF | 1/4 | 0.70 | 180 | 88 | 82 |
| U - 556 | φ 123 | 11,000 | 6 | 400 | 5/16-24UNF | 1/4 | 1.70 | 265 | 120 | 80 |
| U - 55J | φ 123 | 9,000 | 10 | 350 | 5/16-24UNF | 1/4 | 1.00 | 175 | 91 | 83 |
| U - 556 | φ 123 | 11,000 | 10 | 400 | 5/16-24UNF | 1/4 | 1.70 | 265 | 120 | 80 |
| U - 75 | 73x100 | 20,000 (Strokes) | 3(Angle) | 340 | - | 1/4 | 0.66 | 235 | 73 | 67 |



ORBITAL SANDERS, WET SANDERS

APPLICATIONS:

Widely used at various industrial sites, as carbody repairing, wooden working, metal working, FRP working, etc. High efficiency by high torque motor, low vibration and low gravity center, Less fatigue by well-balanced ergonomical design.

U-62



Orbital Sander

with Velcro pad 71x106mm & speed controller

U-64



with Velcro pad 71x145mm & speed controller

U-625



5" Round-Pad Orbital Sander

with Velcro pad 123mm & speed controller

U-623



with Velcro pad 72mm & speed controller

U-65



Orbital Sander

5mm orbit dia.

with Velcro pad 72x174mm & speed controller

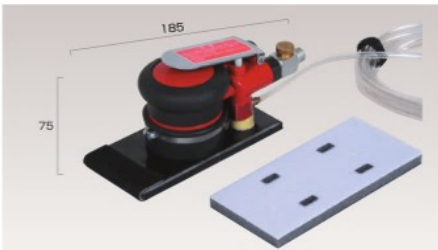
U-62W



Wet Orbital Sander

with Velcro pad 71x106mm, soft pad, speed controller & water hose 4M

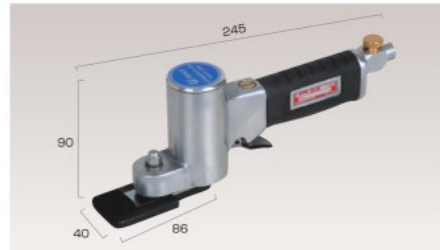
U-64W



Wet Orbital Sander

with Velcro pad 71x145mm, soft pad, speed controller & water hose 4M

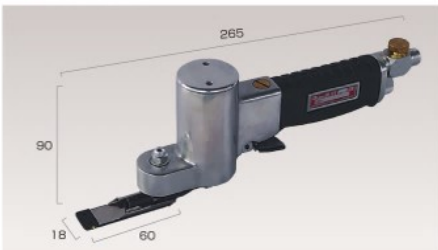
U-71



Tip Sander

with standard soft edge Velcro pad 40mm(W) & speed controller (hard edge pad & long pad optional)

U-71F



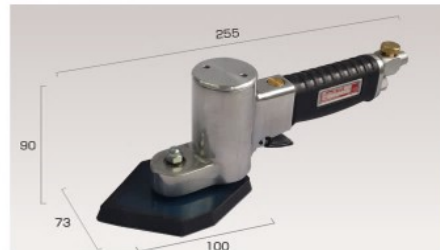
Tip Sander

with quick ON/OFF Velcro pad 18x60mm & speed controller



■ Velcro Pad 18x60mm Code: 7048

U-71Z



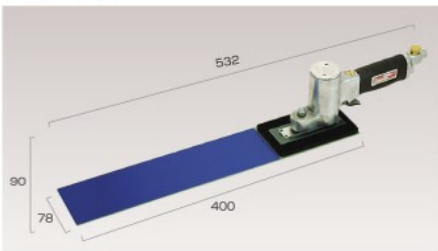
Tip Sander

with Pentagon Velcro pad 73x100mm & speed controller



■ Velcro Pad 73x100mm Code: 7495-2

U-73



Extra Long Pad Orbital Sander

with glue-on pad 78x400mm & speed controller (Velcro pad optional)



■ Glue-on Extra Long pad Code: 5600

U-51T



Toile Cutter

with Glue-on pad & speed controller



■ Glue-on pad Code: 4293

| MODEL | Pad Size (mm) | Free Speed (rpm) | Orbit Dia. (mm) | Air Cons. (L/min) | Air Inlet (PT) | Weight (kg) | Length (mm) | Height (mm) | Noise Level (dB) |
|---------------|---------------------|------------------|-----------------|-------------------|----------------|-------------|-------------|-------------|------------------|
| U - 62 / 64 | 71 x 106 / 71 x 145 | 8,500 | 3 | 340 | 1/4 | 0.74 / 0.76 | 165 / 185 | 75 | 78 |
| U - 625 / 623 | φ123 / φ72 | 8,500 | 3 | 340 | 1/4 | 0.74 | 172 / 145 | 75 | 78 |
| U - 65 | 72 x 174 | 8,000 | 5 | 380 | 1/4 | 1.00 | 193 | 91 | 83 |
| U - 62W | 71 x 106 | 8,500 | 3 | 340 | 1/4 | 0.78 | 165 | 75 | 78 |
| U - 64W | 71 x 145 | 8,500 | 3 | 340 | 1/4 | 0.80 | 185 | 75 | 78 |
| U - 71 | 40 x 86 | 10,000 | 3 | 280 | 1/4 | 0.71 | 245 | 90 | 83 |
| U - 71F | 18 x 60 | 10,000 | 3 | 280 | 1/4 | 0.73 | 265 | 90 | 83 |
| U - 71Z | 73 x 100 | 10,000 | 3 | 280 | 1/4 | 0.73 | 255 | 90 | 83 |
| U - 73 | 78 x 400 | 8,000 | 3 | 260 | 1/4 | 0.79 | 532 | 90 | 88 |
| U - 51T | 35 x 62 | 8,500 | 3 | 140 | 1/4 | 0.49 | 205 | 75 | 75 |



D/A & O/B SANDERS, DUST EXTRACTION

APPLICATIONS:

Strong dust extraction performance due to excellent design makes operators quite comfortable.

U-54D



4" Double Action Sander

Dust Extraction with Velcro pad 98mm, speed controller, air exhaust hose & dust bag

U-551D



5" Double Action Sander

"SPECIAL PAD SYSTEM"

Dust Extraction with Velcro pad base 105mm, hard pad 123mm, soft pad 123mm, speed controller, air exhaust hose & dust bag

U-551SD



5" Double Action Sander

"Light-weight"

Dust Extraction with Velcro pad 123mm, speed controller, air exhaust hose & dust bag

U-55D



5" Double Action Sander

Dust Extraction with Velcro pad 123mm, speed controller, air exhaust hose & dust bag

U-56D



6" Double Action Sander

Dust Extraction with Velcro pad 148mm, speed controller, air exhaust hose & dust bag

U-55LD



5" Double Action Sander

Dust Extraction "Light-weight", composite housing with Velcro pad 123mm & speed controller, air exhaust hose & dust bag

U-55JD



5" Double Action Sander

Dust Extraction 10mm orbit dia. with Velcro pad 123mm, speed controller, air exhaust hose & dust bag

U-62D



Orbital Sander

Dust Extraction with Velcro pad 71x106mm, speed controller, air exhaust hose & dust bag

U-64D



Orbital Sander

Dust Extraction with Velcro pad 71x145mm, speed controller, air exhaust hose & dust bag

U-65D



Orbital Sander

5mm orbit dia. Dust Extraction with Velcro pad 72x174mm, speed controller, air exhaust hose & dust bag

| MODEL | Pad / Disc Size (mm) | Free Speed (rpm) | Orbit Dia. (mm) | Air Cons. (L/min) | Pad Screw Size (mm) | Air Inlet (PT) | Weight (kg) | Length (mm) | Height (mm) | Noise Level (dBA) |
|-----------|----------------------|------------------|-----------------|-------------------|---------------------|----------------|-------------|-------------|-------------|-------------------|
| U - 54D | φ98 | 8,500 | 5 | 340 | 5/16-24UNF | 1/4 | 0.73 | 213 | 75 | 78 |
| U - 551D | φ123 | 8,500 | 5 | 340 | 5/16-24UNF | 1/4 | 0.75 | 225 | 75 | 78 |
| U - 551SD | φ123 | 8,500 | 5 | 340 | 5/16-24UNF | 1/4 | 0.75 | 225 | 75 | 78 |
| U - 55D | φ123 | 8,500 | 5 | 380 | 5/16-24UNF | 1/4 | 0.96 | 225 | 91 | 78 |
| U - 56D | φ123 | 8,500 | 5 | 380 | 5/16-24UNF | 1/4 | 0.96 | 237 | 91 | 78 |
| U - 55LD | φ123 | 10,000 | 5 | 400 | 5/16-24UNF | 1/4 | 0.74 | 193 | 88 | 82 |
| U - 55JD | φ123 | 9,000 | 10 | 350 | 5/16-24UNF | 1/4 | 1.07 | 225 | 91 | 83 |
| U - 62D | 71 x 106 | 8,500 | 3 | 340 | - | 1/4 | 0.80 | 215 | 75 | 78 |
| U - 64D | 71 x 145 | 8,500 | 3 | 340 | - | 1/4 | 0.82 | 265 | 75 | 78 |
| U - 65D | 72 x 174 | 8,000 | 5 | 380 | - | 1/4 | 1.07 | 250 | 91 | 83 |



POLISHERS

APPLICATIONS:

POLISHERS: Polishing & finishing on paint-coated surface.

U-83P



Mini Angle Polisher

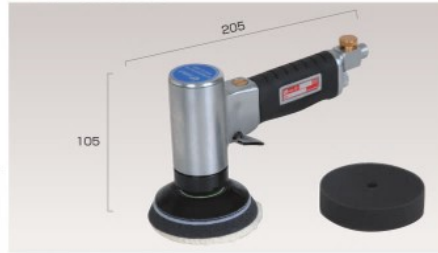
High torque

with 72mm Velcro pad, 80mm polishing disc & speed controller

OPTION : Side Handle (Code No.4378)



U-83HP



Mini Angle Polisher

with 72mm Velcro pad, 80x5mm polishing disc, 80x20mm buffering disc & speed controller

U-85V



Vertical Polisher / Sander

with 123x15mm Velcro "B" pad & speed controller

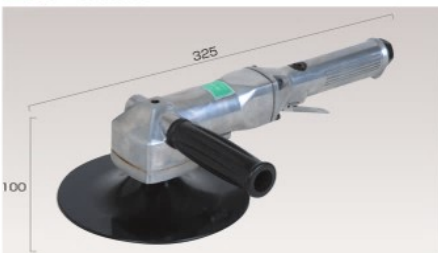
U-102GP



High-speed Mini Polisher

with 45mm Velcro pad, 50x5mm polishing disc & speed controller

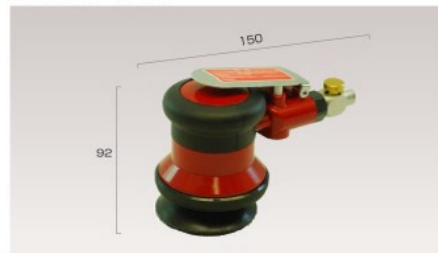
U-585



8" Angle Polisher

with 175mm backing disc, side handle & speed regulator

U-53SP



Polishing Sander

Sanding/polishing by 12mm orbit dia. with 72mm Velcro pad & speed controller

U-55P



Wax Polisher

with Velcro pad 123mm, two buffering discs & speed controller

U-62P



Glass Polisher

with Velcro pad 71x106mm, 2 buffering pads, glass compound & speed controller

U-EP83 (14.4V, 2.0A)



Cordless Mini Polisher

with 72mm Velcro "R" pad, 80mm Wool Buffering Disc, 80mm Urethane Buffering Disc, Battery Pack & Battery Charger

OPTION : Side Handle (Code No.4799)



U-EDP12V



Double Action Polisher (12mm Orbit dia.)

with 120mm Velcro pad, 150mm Wool Buffering Disc, 150mm Urethane Buffering Disc & speed controller

| MODEL | Pad Size (mm) | Free Speed (rpm) | Orbit Dia. (mm) | Air Cons. (L/min) | Air Inlet (PT) | Weight (kg) | Length (mm) | Height (mm) | Noise Level (dBA) |
|------------|---------------|------------------|-----------------|-------------------|----------------|-------------|-------------|-------------|-------------------|
| U - 83P | φ72 | 2,500 | - | 350 | 1/4 | 0.70 | 185 | 75 | 84 |
| U - 83HP | φ72 | 3,500 | - | 380 | 1/4 | 0.78 | 205 | 105 | 88 |
| U - 85V | φ123 | 3,000 | - | 450 | 1/4 | 1.14 | 232 | 145 | 82 |
| U - 102GP | φ45 | 22,000 | - | 400 | 1/4 | 0.49 | 135 | 65 | 80 |
| U - 585 | φ175 | 2,400 | - | 630 | 1/4 | 2.05 | 325 | 100 | 95 |
| U - 53SP | φ72 | 10,000 | 12 | 380 | 1/4 | 0.94 | 150 | 92 | 78 |
| U - 55P | φ123 | 8,500 | 5 | 340 | 1/4 | 0.92 | 172 | 91 | 78 |
| U - 62P | 71x106 | 8,500 | 3 | 340 | 1/4 | 0.74 | 165 | 75 | 78 |
| MODEL | Pad Size (mm) | Free Speed (rpm) | Orbit Dia. (mm) | Power Cons. | Voltage (V) | Weight (kg) | Length (mm) | Height (mm) | Power Cord (m) |
| U - EP83 | φ72 | 3,000 | - | 2.0A | 14.4 | 1.00 | 140 | 178 | - |
| U - EDP12V | φ120 | 4,800 | 12 | 1,010W | 100 | 2.92 | 250 | 252 | 2.5 |



VARIOUS TOOLS & BELT SANDERS

APPLICATIONS:

NEEDLE SCALER/FLUX CHIPPER: Rust removal, scraping. BEVELLER: chamfering & deburring small holes.

BURR REMOVER: Chamfering die cast mould. PARTICLE REMOVER: Particle removal.

MANUAL SANDER: Finishing sanding.

U-25S



Needle Scaler (Straight Grip)

with 19 needles and a chisel

Flux Chipper



U-20P



Needle Scaler (Pistol Grip)

with 13 needles and a chisel

Flux Chipper



U-7902



Burr Remover

with chamfer bit & extension bar (50mm)

Attaching the extension bar



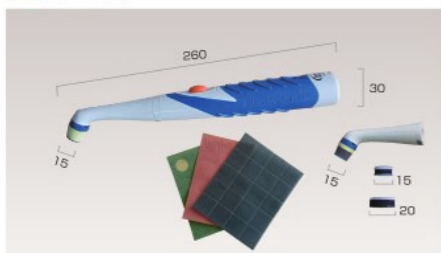
U-725S



Mini Beveller

with 3 cutting chips

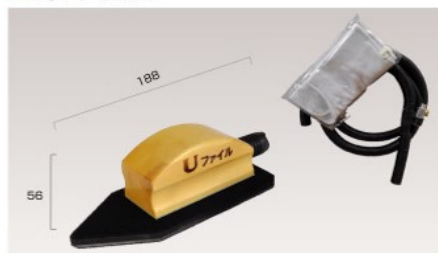
U-15



Mini Particle Remover

with soft pad unit, hard pad unit, 15mm hard pad & 20mm pad base, tolecut paper (Grit No.1500, 2000, 3000)

U-FILE



Manual Finishing Sander

dust extraction model complete unit with square & pentagonal pads, dust hose & bag, & air regulator Swivel air inlet.

Non-dust extraction model is also available.



U-110M



Belt Sander

10/12 x 330mm belt

with speed regulator

U-120M



Belt Sander

20 x 520mm belt

with speed regulator

U-113M

Belt Sander with speed regulator

113M-A



10/12 x 330mm belt

113M-B



3 x 330mm belt

113M-C



10/12 x 330mm belt (Large contact wheel)

113M-E




18 x 330mm belt

| MODEL | Piston Dia. (mm) | Piston Stroke (mm) | Blows (bpm) | Air Cons. (L/min) | Air Inlet (PT) | Weight (kg) | Length (mm) | Height (mm) |
|----------|-------------------------|---------------------|----------------------|-------------------|----------------|--------------------------|--------------------------|-------------------|
| U - 25S | 25 | 22 | 4,000 | 400 | 1/4 | 2.6(scaler)/1.7(chipper) | 410(scaler)/232(chipper) | 50 |
| U - 20P | 20 | 12 | 4,000 | 250 | 1/4 | 2.7(scaler)/1.8(chipper) | 395(scaler)/198(chipper) | 165 |
| MODEL | Bevelling Capacity (mm) | Mini.Hole Dia. (mm) | Hole Dia. Range (mm) | Air Cons. (L/min) | Air Inlet (PT) | Weight (kg) | Length (mm) | Height (mm) |
| U - 725S | Max.1.5C | 6.8 | - | 450 | 1/4 | 0.40 | 112 | 85 |
| U - 7902 | - | - | 1- 20 | 350 | 1/4 | 0.50 | 165 | 57 |
| MODEL | Size (mm) | Free Speed (rpm) | Air Cons. (L/min) | Air Inlet (PT) | Weight (kg) | Length (mm) | Height (mm) | Noise Level (dBA) |
| U - 110M | 10/12x330 | 17,000 | 450 | 1/4 | 0.79 | 315 | 50 | 84 |
| U - 120M | 20x520 | 17,000 | 450 | 1/4 | 1.23 | 385 | 50 | 84 |
| U - 113M | - | 17,000 | 450 | 1/4 | 0.86 | 313 | 50 | 84 |
| U - 15 | - | 5,000(Stroke) | Dry Cell AAAx4 | - | 0.20 | 260 | 30 | - |



SANDING PADS & ACCESSORIES

| | | | | | | | |
|---|--|--|---|---|---|---|---|
| <p>● For 83P, 83HP & 52</p>   <p>■ Velcro Soft Pad 72mm dia. x 10mm T. Code: 5506</p> |  <p>■ Velcro Soft Pad 40mm dia. x 10mm T. Code: 5507</p>  <p>■ Velcro Pad 72mm dia. x 10mm T. Code: 5544</p> |  <p>■ Velcro Pad 45mm dia. x 10mm T. Code: 5508</p>  <p>■ Buffering Disc 80mm dia. x 5mm T. Code: 5511</p> |  <p>■ Buffering Disc 50mm dia. x 5mm T. Code: 5513</p>  <p>■ Thick Buffer 80mm dia. x 15mm T. Code: 5510</p> |  <p>■ Urethane Buffer (fine) 50mm dia. x 20mm T. Code: 5906</p>  <p>■ Urethane Buffer (fine) 80mm dia. x 20mm T. Code: 5512</p> | | | |
| <p>● For 85V & 83P</p>   <p>■ "B" Velcro Pad 92mm dia. x 15mm T. Code: 5523</p> |  <p>■ "B" Velcro Pad 98mm dia. x 15mm T. Code: 5550</p> |  <p>■ Buffer 110mm dia. x 15mm T. x 10mm dia. hole Code: 5520</p> |  <p>■ Urethane Buffer (fine) 110mm dia. x 20mm T. x 10mm dia. hole Code: 5538</p> | | | | |
| <p>● For 85V</p>   <p>■ "B" Velcro Pad 123mm dia. x 15mm T. Code: 5547</p> |  <p>■ Buffering Disc 150mm dia. x 15mm T. Code: 5904</p> |  <p>■ Buffer 150mm dia. Code: 5903</p> |  <p>■ Urethane Buffer (fine) 150mm dia. x 30mm T. x 30mm dia. hole Code: 5514</p> | | | | |
| <p>● For 54, 54D</p>   <p>■ Velcro Soft Pad 98mm dia. x 10mm T. Code: 5524</p> |  <p>■ Cushion Base 98mm dia. x 10mm T. Code: 5529</p> | <p>● For 55D, 56D, 55LD, 55JD</p>   <p>■ Cushion Base 123mm dia. x 10mm T. Code: 5519</p> |  <p>■ Velcro Pad 123mm dia. x 10mm T. Code: 5501</p> |  <p>■ Glue-on Pad 123mm dia. x 10mm T. Code: 5503</p> |  <p>■ Velcro Pad 148mm dia. x 10mm T. (9 holes) Code: 5530</p> |  <p>■ Velcro Pad 148mm dia. x 10mm T. (15 holes) Code: 5573</p> |  <p>■ Velcro Pad 148mm dia. x 10mm T. (7 holes) Code: 5532</p> |
| <p>● For 551 & 551D</p>   <p>■ Velcro Pad 123mm dia. x 10mm T. (7holes) Code: 5563</p> |  <p>■ Velcro Pad 123mm dia. x 10mm T. Code: 5564</p> |  <p>■ Glue-on Pad 123mm dia. x 10mm T. Code: 5565</p> |  <p>■ Velcro Pad Base 105mm dia. x 2mm T. Code: 5902</p> | | | | |
| <p>● For 62, 64, 62D, 64D</p>   <p>■ Velcro Soft Disc 123mm dia. x 10mm T. Code: 5900</p> |  <p>■ Velcro Hard Disc 123mm dia. x 10mm T. Code: 5901</p> |  <p>■ Glue-on Hard Disc 123mm dia. x 10mm T. Code: 5907</p> |  <p>■ Velcro Soft Disc 123mm dia. x 10mm T. Code: 5899</p> | | | | |
|  <p>■ Velcro Pad 71mm W. x 106mm L. x 10mm T. Code: 4478</p> |  <p>■ Cushion Pad 72mm W. x 106mm L. x 5mm T. Code: 5535</p> |  <p>■ Oil-removal Buffer 75mm W. x 110mm L. x 10mm T. Code: 5536</p> |  <p>■ Velcro Pad 71mm W. x 145mm L. x 10mm T. Code: 4730</p> |  <p>■ Cushion Pad 72mm W. x 148mm L. x 10mm T. Code: 5533</p> | | | |



SANDING PADS & ACCESSORIES

| | | | |
|---|---|---|---|
| <p>●For 62W, 64W</p>  <p>■Velcro Pad 71mm W. x 106mm L. x 10mm T. Code: 4720</p> | <p>●For 623, 625</p>  <p>■Velcro Pad 71mm W. x 106mm L. x 10mm T. Code: 4720</p> | <p>●For 65, 65D</p>  <p>■Velcro Pad 72mm W. x 174mm L. Code: 4770</p> | <p>●For 71</p>  <p>■Velcro Pad 71mm W. x 145mm L. x 10mm T. Code: 4714</p> |
| <p>●For 310</p>  <p>■Velcro Pad(5mm dia. spindle) 20mm W. x 63mm L. x 9mm T. ●Straight(A Set): 31098 ●Step(B Set): 31099</p> | <p>■Soft Edge Velcro Pad 40mm W. x 86mm L. x 10mm T. Code: 7020</p> | <p>■Hard Edge Velcro Pad 40mm W. x 86mm L. x 10mm T. Code: 7021</p> | <p>■Long Velcro Pad 32mm W. x 123mm L. x 10mm T. Code: 5539</p> |
| <p>●For 51</p>  <p>■Velcro Pad Base 30mm dia. x 2.5mm T. Code: 4276</p> <p>■Glue-on Hard Disc 30mm dia. x 7mm T. Code: 4274</p> | <p>■Glue-on Soft Disc 30mm dia. x 7mm T. Code: 4275</p> | <p>●For 102-series</p>  <p>■2" Abrasive Disc 50mm dia. Grid 60</p> | <p>■Quick Pad 50mm dia. (6mm dia. spindle) Code: 5400</p> <p>■Quick Pad (M6) 50mm dia. Code: 5401</p> <p>■Velcro Pad(M6) 45mm dia. x 10mm T. Code: 5551</p> <p>■Velcro Pad(M6) 48mm dia. x 10mm T. Code: 5552</p> |
| <p>●For EP83</p>  <p>■Battery Capacity: 2.0Ah Code: EP83200</p> | <p>■Charger Power: 100~240V Code: EP83100</p> | <p>■Velcro Pad 72mm dia. x 10mm T. Code: 5544R</p> | <p>●For 585</p>  |
| <p>●For EDP12V</p>  <p>■Velcro Pad Base 120mm dia. Code: 4566</p> | <p>■Bore Buffer 150mm dia. x 30mm T. x 30mm dia.hole Code: 5926</p> | <p>■Buffer 190mm dia. Code: 5917</p> | <p>■Velcro Pad 180mm dia. Code: 3250</p> |
| <p>■Exhaust hose 19mm dia. x 1.6m Code: 4443</p> | <p>■Dust bag Code: 4445</p> | <p>■Speed Controller Code: 4362</p> | <p>■Swivel Air Regulator Code: 4381</p> |
| <p>■Belt Paper For 113M ●Arm B: 3 x 330mm ●Arm E: 18 x 330mm</p> | | | |

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