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US Air Tool Company (also known as USATCO) has been a family owned and operated business since 1951. We are now a US manufacturer and worldwide distributor of high quality tools for the aviation industry with offices in New York & California. In addition, from the beginning of the homebuilder era in the 1970's, USATCO has been providing tools and equipment to craftsmen around the world who build and fly their own aircraft. These "sheet-metal artists" are now flying thousands of planes built and maintained with USATCO tools.

USATCO offers the highest quality products at competitive prices, with the knowledge and experience necessary for expert advice in product selection. Our courteous staff will be pleased to assist you. And of course, all the products we offer are fully guaranteed. If you don't see what you are looking for, please don't hesitate to contact us. We work hard to provide our customers with straightforward & reliable business. Try us & see!

USATCO.com

Don't forget to check out USATCO Online, with monthly sales, homebuilder specials, surplus items & an easy to use interface its a great place to shop for tools on the web. www.USATCO.com

Government IMPAC Cards Accepted

USATCO Tool Repair

We repair all major brand pneumatic tools on our premises. We are an official repair station for Cherry Textron[®], Chicago Pneumatic[®], and Cooper[®] Power Tools (including Dotco[®], Gardener Denver[®], Buckeye[®] and Doler[®]). In addition, we have our own manufacturing and modification facilities. We are riveting and product assembly specialists!

We will be happy to examine your tools free of charge and give you an estimate of repair cost. Ship prepaid to any of our facilities. Please send tensiometers to our New York Lab only.

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Limited Warranty

If for any reason you are not completely satisfied with any item purchased from us you may request a return authorization within seven (7) days of receipt of goods. When obtained, send us the item (transportation prepaid) for replacement, repair or refund. Tools manufactured by USATCO are warrantied for one (1) year from date of purchase. We cannot assume liability for abuse, misuse or alteration of goods. Any tampering with tools or attempted repairs of same will nullify this warranty. Warranties from other manufacturers available upon request.

SANDERS & GRINDERS

Master Power® Random Orbital Sanders

*Lightweight,
Low Vibration*



*Low Air
Consumption*

MP4403-05

- Low profile for more sanding control and greater comfort.
- High strength polymer material construction.
- Includes 3 interchangeable grips & 3/8" premium back-up pad.

Note: Air Inlet 1/4" NPT - 3/8" min. air hose. 5/16"-24 thread. Rated @ 90 psi.

| Non-Vacuum 0.3 hp (0.22 kW) - 12,000 RPM | | | | |
|--|-------------|--------|------------------|-------------------|
| 3/16" Orbit | 3/32" Orbit | Cap. | O.A.L. | Weight |
| MP4400-03 | — | 3-1/2" | 5-1/8" (13.0 cm) | 1.6 lbs (0.7 kgs) |
| MP4400-05 | MP4403-05 | 6" | 5-1/2" (13.9 cm) | 1.6 lbs (0.7 kgs) |
| MP4400-06 | MP4403-06 | 6" | 5-1/2" (13.9 cm) | 1.7 lbs (0.8 kgs) |

| Central Vacuum & Shroud 0.3 hp (0.22 kW) - 12,000 RPM | | | |
|---|----------|--------------|--------------------|
| 3/16" Orbit | Capacity | O.A.L. | Weight |
| MP4400-35 | 5" | 7" (17.9 cm) | 1.7 lbs (0.8 kgs) |
| MP4400-36 | 6" | 7" (17.9 cm) | 1.8 lbs (0.83 kgs) |

| Central Vacuum & Skirt 0.3 hp (0.22 kW) - 12,000 RPM | | | |
|--|----------|------------------|-------------------|
| 3/16" Orbit | Capacity | O.A.L. | Weight |
| MP4400-15 | 5" | 7-3/4" (19.7 cm) | 1.7 lbs (0.8 kgs) |

| Self-Generated Vacuum* 0.3 hp (0.22 kW) - 12,000 RPM | | | |
|--|----------|------------------|--------------------|
| 3/16" Orbit | Capacity | O.A.L. | Weight |
| MP4400-25HL | 5" | 8-3/8" (21.2 cm) | 1.7 lbs (0.8 kgs) |
| MP4400-26HL | 6" | 8-3/8" (21.2 cm) | 1.8 lbs (0.83 kgs) |

* Self generating vacuum models also include floor bag, hose, skirt.

70421900



70422100

| Replacement Interchangeable Grips | |
|-----------------------------------|----------------|
| Part Number | Size |
| 70421900 | 2-1/2" (64 mm) |
| 70422000 | 2-3/4" (70 mm) |
| 70422100 | 3" (76 mm) |

Dynabrade® Orbital Action Sanders



59020

- Thumb control for regulation of tool speed.
- High strength composite rotor with long lasting blades.
- Includes premium low profile sanding pad.

| Non-Vacuum 0.25hp (0.19 kW) - 12,000 RPM | | | |
|--|----------|-----------------|-------------------|
| 3/16" Orbit | Capacity | Overall Length | Weight |
| 59020 | 5" | 6-1/2" (165 mm) | 1.4 lbs (0.5 kgs) |
| 59025 | 6" | 7" (178 mm) | 1.5 lbs (0.6 kgs) |



59024

| Central Vacuum & 1" Vacuum Port 0.25hp (0.19 kW) - 12,000 RPM | | | |
|---|----------|-----------------|-------------------|
| 3/16" Orbit | Capacity | Overall Length | Weight |
| 59024 | 5" | 7-1/4" (184 mm) | 1.5 lbs (0.6 kgs) |
| 59029 | 6" | 7-3/4" (197 mm) | 1.5 lbs (0.6 kgs) |

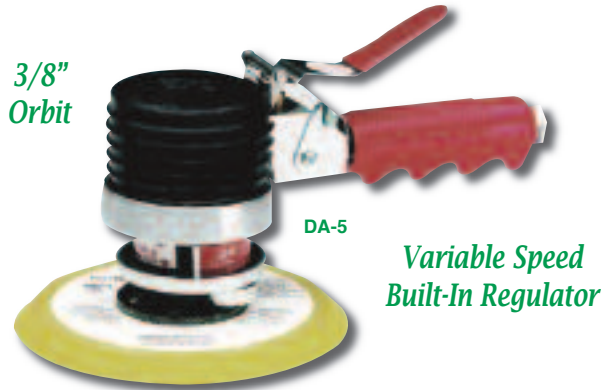


59023

| Self-Generated Vacuum* 0.24hp (0.18 kW) - 12,000 RPM | | | |
|--|----------|-----------------|-------------------|
| 3/16" Orbit | Capacity | Overall Length | Weight |
| 59023 | 5" | 8-1/2" (216 mm) | 1.5 lbs (0.6 kgs) |
| 59028 | 6" | 9" (229 mm) | 1.5 lbs (0.6 kgs) |

* Self generating vacuum models use optional hose & floor bag, please inquire.

National Detroit® Orbital Action Sanders



- Unique drive geometry for aggressive interrupted contact of the work surface with less heat & loading for longer abrasive life.
- Dust extraction models will work with most central vac or portable shop vac systems.
- Great for sanding, shaping, forming & feather edging.

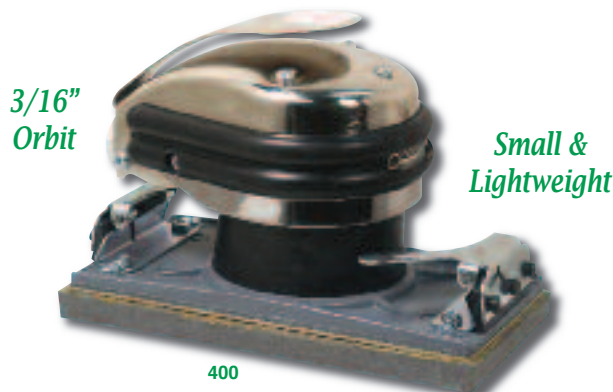
| 3/8" Orbit - 10,000 RPM | | | |
|-------------------------|------------------------|--------------|-------------------|
| Standard Models | Dust Extraction Models | Pad Capacity | Weight |
| DA-5 | DA-5DE | 5" | 4.2 lbs (1.9 kgs) |
| DA-6 | DA-6DE | 6" | 4.2 lbs (1.9 kgs) |

Motor Muffler Models

- Extra muffling & polypropylene motor cover for quieter operation.
- Meets all current OSHA noise level requirements.

| Motor Muffler, 3/8" Orbit - 10,000 RPM | | | |
|--|------------------------|--------------|-------------------|
| Standard Models | Dust Extraction Models | Pad Capacity | Weight |
| DAQ-5 | DAQ-5DE | 5" | 4.1 lbs (1.8 kgs) |
| DAQ-6 | DAQ-6DE | 6" | 4.1 lbs (1.8 kgs) |

Dynabrade® Orbital Action Sander



- Comfortable palm control with a 3/16" stroke that is aggressive enough for knock-down, but controllable enough for finish work.
- Great for feather edging, finish sanding, blending & blocking.

| 3/16" Orbit - 4000 to 6000 RPM | | |
|--------------------------------|-----------------|-------------------|
| Part Number | Pad Capacity | Weight |
| 400 | 3-3/8" x 6-3/4" | 4.4 lbs (2.0 kgs) |

Dynabrade® Dynafine® Vacuum Detail Sander



- Perfect for carbon fiber, fiberglass, painted aluminum etc.
- Accepts various pad shapes for countless applications.
- Efficiently diverts dust, captures debris & contaminants (including hexavalent chromium) for a safer workplace.
- Includes Dynaswivel, swivel cuff for added hose flexibility & tear-drop shaped, vinyl face vacuum sanding pad.
- 1-1/4" diameter vacuum port ready for connection to external or central vacuum system (not included).

| 1/32" Orbit, 7° Offset - Central Vacuum 0.12 hp (0.09 kW) | | | |
|---|--------|-----------------|-------------------|
| Part Number | RPM | O.A.L. | Weight |
| 58017 | 15,000 | 11-3/8" (29 cm) | 1.8 lbs (0.8 kgs) |

Note: Air Inlet 1/4" NPT (use 1/4" I.D. air hose). Please inquire for specially shaped tear-drop, triangle & round abrasives.

| Vacuum Sanding Pads | | |
|---------------------|-----------|------------|
| Vinyl Face | Hook Face | Shape |
| 58045 | 58048 | Tear-Drop |
| 58046 | 58049 | Triangular |
| 58044 | 58047 | Round |

Dynabrade® Straight Line Sander



- Rugged all metal body with comfortable palm control.
- Great for wet sanding, polishing & finish blending on stainless.

| 5/16" Stroke - 3200 SPM | | |
|-------------------------|--------------|-------------------|
| Part Number | Pad Capacity | Weight |
| 600 | 3-2/3" x 9" | 5.4 lbs (2.5 kgs) |

SANDERS & GRINDERS

Dotco® Right Angle Disc Sanders



- 1/2" carbide burr, 1" mtd. wheel capacity (disc capacity below).
- Collet models use 300 series collet (included with tool).
- Many other models available, please inquire.

Composite Housing Models

- Dual-material composite w/cushioned areas for comfort & control.

Note: Air Inlet 1/4" NPT. Rated @ 90 psi.

| Composite Housing, 0.4 hp (0.30 kW) - 1/4" Collet | | | | | |
|---|------------|------|--------|------------------|----------------------|
| F. Exhaust | R. Exhaust | Cap. | RPM | O.A.L. | Weight |
| 12LF200-36 | 12LF280-36 | 3" | 12,000 | 6.6" (168 mm) | 1.1 lbs (0.5 kgs) |
| 12LF201-36 | 12LF281-36 | 2" | 20,000 | 6.6" (168 mm) | 1.1 lbs (0.5 kgs) |

| Composite Housing, 0.4 hp (0.30 kW) - 1/4"-28 Int. Thread | | | | |
|---|----------|--------|------------------|----------------------|
| Front Exhaust | Capacity | RPM | O.A.L. | Weight |
| 12LF200-32 | 3" | 12,000 | 6.6" (168 mm) | 1.1 lbs (0.5 kgs) |
| 12LF201-32 | 2" | 20,000 | 6.6" (168 mm) | 1.1 lbs (0.5 kgs) |

Aluminum Housing Models

- Rugged aluminum body for maximum durability.

Note: Air Inlet 1/4" NPT. Rated @ 90 psi.

| Aluminum Housing, 0.4 hp (0.30 kW) - 1/4" Collet | | | | | |
|--|------------|------|--------|------------------|----------------------|
| F. Exhaust | R. Exhaust | Cap. | RPM | O.A.L. | Weight |
| 10LF200-36 | 10LF280-36 | 3" | 12,000 | 6.6" (168 mm) | 1.1 lbs (0.5 kgs) |
| 10LF201-36 | 10LF281-36 | 2" | 20,000 | 6.6" (168 mm) | 1.1 lbs (0.5 kgs) |

| Aluminum Housing, 0.4 hp (0.30 kW) - 1/4"-28 Int. Thread | | | | |
|--|----------|--------|------------------|----------------------|
| Front Exhaust | Capacity | RPM | O.A.L. | Weight |
| 10LF200-32 | 3" | 12,000 | 6.6" (168 mm) | 1.1 lbs (0.5 kgs) |
| 10LF201-32 | 2" | 20,000 | 6.6" (168 mm) | 1.1 lbs (0.5 kgs) |

Dynabrade® Vacuum Shroud Disc Sanders



- Efficient & clean material removal on non-ferrous surfaces.
- Perfect for carbon fiber, fiberglass, painted aluminum etc.
- High quality clear urethane shroud with sanding disc viewport captures debris & contaminants (incl. hexavalent chromium).
- 6° shroud angle allows ideal surface contact & debris extraction.

3" Diameter, Right Angle - Self-Generated Vacuum

- 1" diameter vacuum port ready for connection to portable or external dust collection system (not included).

| Self-Generated Vacuum 0.4 hp (0.30 kW) - 15,000 RPM | | | | |
|---|----------|------------------|-----------------------|----------------------|
| Part No. | Capacity | Shroud* | O.A.L. | Weight |
| 50210 | 3" | 1" Height | 9-11/16" (24.7 cm) | 1.7 lbs (0.7 kgs) |
| 50570 | 3" | 1-1/2" Height | 9-11/16" (24.7 cm) | 1.7 lbs (0.7 kgs) |

3" Diameter, Right Angle - Central Vacuum

- 1-1/4" diameter vacuum port ready for connection to external or central vacuum system (not included).

| Central Vacuum 0.4 hp (0.30 kW) - 15,000 RPM | | | | |
|--|----------|------------------|-----------------------|----------------------|
| Part No. | Capacity | Shroud* | O.A.L. | Weight |
| 50211 | 3" | 1" Height | 9-11/16" (24.7 cm) | 1.7 lbs (0.7 kgs) |
| 50561 | 3" | 1-1/2" Height | 10" (25.4 cm) | 1.7 lbs (0.7 kgs) |



Replacement Vacuum Shrouds

- Flexible shrouds can be trimmed for custom applications.

| Part Number | Shroud Height* |
|-------------|----------------|
| 50789 | 1" (25.4 mm) |
| 50771 | 1-1/2" (38 mm) |

* 1" shroud models will accommodate 3" diameter locking-type abrasive discs, 1-1/2" shroud models will accommodate 3" diameter bristle-type discs. Air Inlet 1/4" NPT (use 1/4" I.D. air hose). 1/4"-20 male spindle thread. Rated @ 90 psi.

Dynabrade® Vac. Shroud Disc Sanders (cont'd)



51236

2" Diameter, 7° Offset - Central Vacuum

- 1-1/4" diameter vacuum port ready for connection to external or central vacuum system (not included).

| 7° Offset - Central Vacuum 0.4 hp (0.30 kW) - 25,000 RPM | | | |
|--|----------|-------------------|-------------------|
| Part Number | Capacity | O.A.L. | Weight |
| 51236 | 2" | 10-1/4" (24.7 cm) | 1.7 lbs (0.7 kgs) |

| Part Number | Description |
|-------------|---------------------------|
| 52742 | Replacement Vacuum Shroud |

Dynabrade® Dynafile



Quick Belt Change Design

- Work metal, plastic, fiberglass & composites.
- Motor easily adjusts for the most comfortable throttle lever position.
- Over 30 interchangeable contact arms available, please inquire.

| 0.5 hp (.37 kW) - (1/8" to 1/2") x 24" Belt Capacity | | | |
|--|--------|------------------|-------------------|
| Part Number | RPM | Overall Length | Weight |
| 14000 | 20,000 | 14-5/8" (371 mm) | 3.3 lbs (1.5 kgs) |

Dynabrade® Dynafile II

7° Offset Ergo Handle



Grinding Head Pivots 360°

- Work metal, plastic, fiberglass & composites.
- Motor easily adjusts for the most comfortable throttle lever position.
- Over 30 interchangeable contact arms available, please inquire.

| 0.5 hp (.37 kW) - (1/4" to 3/4") x 18" Belt Capacity | | | |
|--|--------|------------------|-------------------|
| Part Number | RPM | Overall Length | Weight |
| 40320 | 20,000 | 14-1/4" (362 mm) | 2.8 lbs (1.3 kgs) |

Dynabrade® Mini-Dynafile II



- Work metal, plastic, fiberglass & composites.
- Ergo handle with 7° offset design.
- Motor easily adjusts for the most comfortable throttle lever position.
- Over 30 interchangeable contact arms available, please inquire.

| 0.4 hp (.30 kW) - (1/8" to 1/2") x 12" Belt Capacity | | | |
|--|--------|------------------|-------------------|
| Part Number | RPM | Overall Length | Weight |
| 15003 | 25,000 | 11-3/4" (298 mm) | 1.7 lbs (0.8 kgs) |

Dynabrade® Versatility Kits



14010

Dynafile Versatility Kit:

Dynafile, Five Contact Arms, Abrasive Belt Assortment, Hard & Soft Platen Pads & Sturdy Carrying Case

| Dynafile Versatility Kit | |
|--------------------------|--------------------|
| Part Number | Description |
| 14010 | Complete 22 PC Kit |

Dynafile II Versatility Kit:

Dynafile II, Three Contact Arms, Abrasive Belt Ass't, Hard & Soft Platen Pads, Die Grinder Collet & Sturdy Carrying Case

| Dynafile II Versatility Kit | |
|-----------------------------|--------------------|
| Part Number | Description |
| 40321 | Complete 20 PC Kit |

Mini Dynafile II Versatility Kit:

Mini Dynafile II, Three Contact Arms, Abrasive Belt Ass't, Hard & Soft Platen Pads, Die Grinder Collet & Sturdy Carrying Case

| Mini Dynafile II Versatility Kit | |
|----------------------------------|--------------------|
| Part Number | Description |
| 15006 | Complete 21 PC Kit |

SANDERS & GRINDERS

Dotco® Belt Sanders

12L1281-36B2



Many other models available, please inquire.

Note: Includes 2 sanding belts (80 & 120 grit), wrenches, grease gun & gear lube.

0.3 hp (.22 kW) - 1/4" x 12" Belt Capacity

| Front Exhaust | Rear Exhaust | RPM | O.A.L. | Weight |
|---------------|--------------|--------|-------------------|----------------------|
| 12L1201-36B1 | 12L1281-36B1 | 20,000 | 11.3" (287 mm) | 1.4 lbs (0.6 kgs) |
| 12L1200-36B1 | — | 12,000 | 11.3" (287 mm) | 1.4 lbs (0.6 kgs) |

0.3 hp (.22 kW) - 1/2" x 12" Belt Capacity

| Front Exhaust | Rear Exhaust | RPM | O.A.L. | Weight |
|---------------|--------------|--------|-------------------|----------------------|
| 12L1201-36B2 | 12L1281-36B2 | 20,000 | 11.3" (287 mm) | 1.4 lbs (0.6 kgs) |
| 12L1200-36B2 | 12L1280-36B2 | 12,000 | 11.3" (287 mm) | 1.4 lbs (0.6 kgs) |

0.3 hp (.22 kW) - 1/2" x 24" Belt Capacity

| Front Exhaust | Rear Exhaust | RPM | O.A.L. | Weight |
|---------------|--------------|--------|-------------------|----------------------|
| 12L1201-36B3 | 12L1281-36B3 | 20,000 | 16.4" (417 mm) | 1.6 lbs (0.7 kgs) |
| — | 12L1280-36B3 | 12,000 | 16.4" (417 mm) | 1.6 lbs (0.7 kgs) |

0.3 hp (.22 kW) - 1" x 12" Belt Capacity

| Front Exhaust | Rear Exhaust | RPM | O.A.L. | Weight |
|---------------|--------------|--------|-------------------|----------------------|
| — | 12L1280-36B4 | 12,000 | 11.3" (287 mm) | 1.7 lbs (0.8 kgs) |

JET® R8 Series Belt Sanders



Safety Throttle Lock

JAT-750

Lightweight Aluminum Construction

- Ergonomic grip absorbs vibration and reduces hand fatigue.
- 360° head rotation for use in confined spaces and difficult angles.

Note: 1/4" air inlet thread.

0.5 hp (.375 kW) - 3/8" x 13" Belt Capacity

| Part Number | RPM | O.A.L. | Weight |
|-------------|--------|--------------|-------------------|
| JAT-750 | 20,000 | 13" (330 mm) | 1.9 lbs (0.9 kgs) |

0.6 hp (.45 kW) - 3/4" x 20-1/2" Belt Capacity

| Part Number | RPM | O.A.L. | Weight |
|-------------|--------|------------------|-------------------|
| JAT-751 | 18,000 | 15-3/4" (400 mm) | 3.0 lbs (1.4 kgs) |

Dotco® Precision Pencil Grinders

12R0400-18



1/4" carbide burr & 1/4" diamond pin capacity - HG series collet.

Note: Includes collet, wrenches, 5' air hose (1/8" NPT) & 1' overhose.

Composite Housing, 0.1 hp (0.074 kW) - 60,000 RPM

| Rear Exhaust | Collet | Overall Length | Weight |
|--------------|--------|----------------|-------------------|
| 12R0400-13 | 3 mm | 5.8" (147 mm) | 0.3 lbs (0.1 kgs) |
| 12R0400-18 | 1/8" | 5.8" (147 mm) | 0.3 lbs (0.1 kgs) |

Dotco® Gearless Angle Head Precision Grinders

12R0380-18



- 1/4" carbide burr & 1/4" diamond pin cap. - HG collet.
- Gearless design reduces maintenance & downtime.

Note: Includes collet, wrenches, 5' air hose (1/8" NPT) & 1' overhose.

Composite Housing, 0.1 hp (0.074 kW) - 80,000 RPM

| Rear Exhaust | Collet | Overall Length | Weight |
|--------------|--------|----------------|-------------------|
| 12R0380-13 | 3 mm | 5.5" (140 mm) | 0.3 lbs (0.1 kgs) |
| 12R0380-18 | 1/8" | 5.5" (140 mm) | 0.3 lbs (0.1 kgs) |

Dotco® Precision Turbine Pencil Grinders

12R9180-08



- Rear exhaust motor with only one moving part, requires no oil*.
- 1/8" carbide burr & 1/8" diamond pin capacity - HG series collet.

Note: Includes collet, wrenches, collet guard & 5' air hose (1/8" NPT).

* Use only dry air @ 90 PSI max. Do not attach quick-disconnect directly to tool.

Composite Housing, 0.1 hp (0.074 kW) - 65,000 RPM

| Front Exhaust | Collet | Overall Length | Weight |
|---------------|--------|----------------|-------------------|
| 12R9180-03 | 3 mm | 5.8" (147 mm) | 0.4 lbs (0.2 kgs) |
| 12R9180-08 | 1/8" | 5.8" (147 mm) | 0.4 lbs (0.2 kgs) |

Models With 2' (0.6 m) Overhose Included

Composite Housing, 0.1 hp (0.074 kW) - 65,000 RPM

| Front Exhaust | Collet | Overall Length | Weight |
|---------------|--------|----------------|-------------------|
| 12R9180-23 | 3 mm | 5.8" (147 mm) | 0.4 lbs (0.2 kgs) |
| 12R9180-28 | 1/8" | 5.8" (147 mm) | 0.4 lbs (0.2 kgs) |

Models With 4' (1.2 m) Overhose Included

Composite Housing, 0.1 hp (0.074 kW) - 65,000 RPM

| Front Exhaust | Collet | Overall Length | Weight |
|---------------|--------|----------------|-------------------|
| 12R9180-43 | 3 mm | 5.8" (147 mm) | 0.4 lbs (0.2 kgs) |
| 12R9180-48 | 1/8" | 5.8" (147 mm) | 0.4 lbs (0.2 kgs) |

Master Power® High Speed Pencil Grinder

Double Bearings For Durability



- Lightweight, ergonomically designed & vibration free.
- Ideal for precision deburring, blending & smoothing applications.
- Includes 5' air hose & 1' overhose.
- 1/4" carbide burr & 1/4" diamond pin capacity - HG series collet.

Note: Air Inlet 1/4" NPT - use 1/4" (6.4 mm) air hose. Rated @ 90 psi.

| 0.1 hp (0.07 kW) - 70,000 RPM - Rear Exhaust | | | |
|--|--------|------------------|-------------------|
| Part Number | Collet | Overall Length | Weight |
| MP4200 | 1/8" | 5-3/8" (13.7 cm) | 0.4 lbs (0.2 kgs) |

Dotco® Precision Turbine Grinders

10R9000-08



- Front exhaust motor requires no oil*.
- 3/16" carbide burr & 3/16" diamond pin capacity - HG series collet.

Note: Includes collet, wrenches, hose filter & 7' air hose (1/8" NPT).

* Use only dry air @ 90 PSI max. Do not attach quick-disconnect directly to tool.

| Aluminum Housing, 0.06 hp (0.04 kW) - 100,000 RPM | | | |
|---|--------|----------------|-------------------|
| Front Exhaust | Collet | Overall Length | Weight |
| 10R9000-03 | 3 mm | 5.4" (137 mm) | 0.5 lbs (0.2 kgs) |
| 10R9000-08 | 1/8" | 5.4" (137 mm) | 0.5 lbs (0.2 kgs) |

Dotco® Precision Turbine Grinder



- Front exhaust motor with built-in speed regulator requires no oil*.
- 1/4" carbide burr & 3/16" diamond pin capacity - HG series collet.

Note: Includes collet, wrenches, hose filter, speed regulator & 8' air hose (1/4" NPT).

* Use only dry air @ 90 PSI max. Do not attach quick-disconnect directly to tool.

| Aluminum Housing, 0.1 hp (0.07 kW) - 80,000 RPM | | | |
|---|--------|----------------|-------------------|
| Front Exhaust | Collet | Overall Length | Weight |
| 10L9500-36 | 1/8" | 5.8" (147 mm) | 1.9 lbs (0.9 kgs) |



For Eye & Face Protection See Pages 234-235

Chicago Pneumatic® Pencil Grinder Kit



Kit Includes:

Pencil Grinder, Silencer Hose, Two Collets (1/8" & 3 mm), Five Mounted Points, Five Carbide Burrs, Wrenches & Fitted Plastic Case

Quiet & Lightweight

Quiet and lightweight, this easy to handle pencil grinder is ideal for limited space applications. A versatile general maintenance kit.

| Part Number | Free RPM | Noise Level |
|-------------|----------|-------------|
| CP9104Q | 60,000 | 71 dB(A) |

Dotco® Die Grinders

12L1001-36



1/2" carbide burr & 1" mtd. wheel capacity - incl. 300 series collet.

Note: All models include collet & wrenches. 1/4" NPT (use 1/4" I.D. air hose).

| Composite Housing, 0.3 hp (.22 kW) - 1/4" Collet | | | | |
|--|--------------|--------|-------------|-------------------|
| Front Exhaust | Rear Exhaust | RPM | O.A.L. | Weight |
| 12L1001-36 | 12L1081-36 | 34,000 | 6" (152 mm) | 0.8 lbs (0.4 kgs) |
| 12L1000-36 | 12L1080-36 | 30,000 | 6" (152 mm) | 0.8 lbs (0.4 kgs) |
| 12L1003-36* | 12L1082-36* | 25,000 | 6" (152 mm) | 0.8 lbs (0.4 kgs) |

High Power Models

* Oilless blades.

3/4" carbide burr & 1-1/2" mtd. wheel capacity** - incl. 200 series collet.

** 0.9 HP models (12L2500-01 & 12L2580-01) have a 1" carbide burr capacity.

| Composite Housing, 0.6 hp (.45 kW) - 1/4" Collet | | | | |
|--|--------------|--------|---------------|-------------------|
| Front Exhaust | Rear Exhaust | RPM | O.A.L. | Weight |
| 12L2000-01 | 12L2080-01 | 25,000 | 6.9" (175 mm) | 1.4 lbs (0.6 kgs) |

| Composite Housing, 0.9 hp (.67 kW) - 1/4" Collet | | | | |
|--|--------------|--------|---------------|-------------------|
| Front Exhaust | Rear Exhaust | RPM | O.A.L. | Weight |
| 12L2500-01 | 12L2580-01 | 23,000 | 7.3" (185 mm) | 1.8 lbs (0.8 kgs) |

SANDERS & GRINDERS

Dotco® Die Grinders



Excellent For Titanium Blending & Buffing

12LS1093-01

1/4" carbide burr & 1/2" mtd. wheel capacity* - incl. 200 series collet.

Note: Includes collet & wrenches. 1/4" NPT (use 1/4" I.D. air hose).

| 0.3 hp (0.22 kW) - 1/4" Collet - Rear Exhaust | | | |
|---|------|-----------------|-------------------|
| Part Number | RPM | Overall Length | Weight |
| 12LS1093-01 | 5000 | 7-1/4" (184 mm) | 1.6 lbs (0.7 kgs) |

| 0.6 hp (0.45 kW) - 1/4" Collet - Rear Exhaust | | | |
|---|------|-----------------|---------------------|
| Part Number | RPM | Overall Length | Weight |
| 15LS089-01 | 9000 | 9-5/8" (245 mm) | 2.15 lbs (0.98 kgs) |

* For 12LS1093-01 use only buffing wheels.

Chicago Pneumatic® Die Grinder

Streamlined Safety Lever



CP3019-20

Lightweight & Ergonomic



- Industrial duty for long use and demanding applications.
- Compact body with comfortable, insulating composite cover.

Note: Use 3/8" (9.5 mm) I.D. air hose. Rated @ 90 psi.

| 0.5 hp (0.37 kW) - 1/4" Collet - Rear Exhaust | | | |
|---|--------|-----------------|-------------------|
| Part Number | RPM | Overall Length | Weight |
| CP3019-40 | 40,000 | 6-5/8" (169 mm) | 0.8 lbs (0.4 kgs) |
| CP3019-31 | 31,000 | 6-5/8" (169 mm) | 0.8 lbs (0.4 kgs) |
| CP3019-25 | 25,000 | 6-5/8" (169 mm) | 0.8 lbs (0.4 kgs) |
| CP3019-20 | 20,000 | 6-5/8" (169 mm) | 0.8 lbs (0.4 kgs) |
| CP3019-18 | 18,000 | 6-5/8" (169 mm) | 0.8 lbs (0.4 kgs) |

Chicago Pneumatic® Extension Die Grinder



Streamlined Safety Lever



CP3019-40ES

Lightweight & Ergonomic

- Industrial duty for long use and demanding applications.
- Compact body with comfortable, insulating composite cover.

Note: Use 3/8" (9.5 mm) I.D. air hose. Rated @ 90 psi.

| 0.5 hp (0.37 kW) - 1/4" Collet - Rear Exhaust | | | |
|---|--------|-----------------|-------------------|
| Part Number | RPM | Overall Length | Weight |
| CP3019-40ES | 40,000 | 9-7/8" (249 mm) | 1.2 lbs (0.6 kgs) |
| CP3019-31ES | 31,000 | 9-7/8" (249 mm) | 1.2 lbs (0.6 kgs) |
| CP3019-25ES | 25,000 | 9-7/8" (249 mm) | 1.2 lbs (0.6 kgs) |
| CP3019-20ES | 20,000 | 9-7/8" (249 mm) | 1.2 lbs (0.6 kgs) |

Dotco® Extension Die Grinders



12L1100-36

1/2" carbide burr & 1" mounted wheel capacity - 300 series collet.

Note: Incl. collet & wrenches. 1/4" NPT (use 1/4" I.D. air hose). * Oilless blades.

| Composite Housing, 0.3 hp (.22 kW) - 1/4" Collet - 3" Extension | | | |
|---|--------|----------------|-------------------|
| Front Exhaust | RPM | Overall Length | Weight |
| 12L1100-36 | 28,000 | 8.9" (226 mm) | 1.1 lbs (0.5 kgs) |
| 12L1111-36* | 25,000 | 8.9" (226 mm) | 1.1 lbs (0.5 kgs) |

| Composite Housing, 0.3 hp (.22 kW) - 1/4" Collet - 5" Extension | | | |
|---|--------|----------------|-------------------|
| Front Exhaust | RPM | Overall Length | Weight |
| 12L1101-36 | 28,000 | 10.9" (277 mm) | 1.3 lbs (0.6 kgs) |
| 12L1112-36* | 25,000 | 10.9" (277 mm) | 1.3 lbs (0.6 kgs) |

Dotco® Right Angle Die Grinders



12LF200-36

20% Higher Working Speed

33% More Power

Simplified Maintenance, No Shims Required

1/2" burr & 1" mtd. wheel capacity - incl. 300 series collet.

Composite Housing Models

- Dual-material composite w/cushioned areas for comfort & control.

| Composite Housing, 0.4 hp (0.30 kW) - 1/4" Collet | | | | |
|---|--------------|--------|---------------|-------------------|
| Front Exhaust | Rear Exhaust | RPM | O.A.L. | Weight |
| 12LF201-36 | 12LF281-36 | 20,000 | 6.6" (168 mm) | 1.1 lbs (0.5 kgs) |
| 12LF200-36 | 12LF280-36 | 12,000 | 6.6" (168 mm) | 1.1 lbs (0.5 kgs) |

Aluminum Housing Models

- Rugged aluminum body for maximum durability.

| Aluminum Housing, 0.4 hp (0.30 kW) - 1/4" Collet | | | | |
|--|--------------|--------|---------------|-------------------|
| Front Exhaust | Rear Exhaust | RPM | O.A.L. | Weight |
| 10LF201-36 | 10LF281-36 | 20,000 | 6.6" (168 mm) | 1.1 lbs (0.5 kgs) |
| 10LF200-36 | 10LF280-36 | 12,000 | 6.6" (168 mm) | 1.1 lbs (0.5 kgs) |

Note: All tools: air inlet 1/4" NPT. Rated @ 90 psi.

Chicago Pneumatic® Right Angle Die Grinders



Streamlined Safety Lever

Lightweight & Ergonomic

- Industrial duty for long use and demanding applications.
- Compact body with comfortable, insulating composite cover.

Note: Use 3/8" (9.5 mm) I.D. air hose. Rated @ 90 psi.

| 0.5 hp (0.37 kW) - 1/4" Collet - Rear Exhaust | | | |
|---|--------|-----------------|-------------------|
| Part Number | RPM | Overall Length | Weight |
| CP3019-20AC | 20,000 | 8-1/2" (216 mm) | 1.1 lbs (0.5 kgs) |
| CP3019-12AC | 12,000 | 8-1/2" (216 mm) | 1.1 lbs (0.5 kgs) |

Dotco® Precision Collets

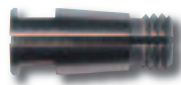


200 Series



300 Series

| 200 & 300 Series | | | |
|------------------|------------|--------|-----------------|
| 200 Series | 300 Series | Size | Capacity |
| — | 301 | 3/64" | 1/64" to 3/64" |
| — | 302 | 5/64" | 3/64" to 5/64" |
| — | 303 | 3/32" | 1/16" to 3/32" |
| 204 | 304 | 1/8" | 3/32" to 1/8" |
| 205 | 305 | 5/32" | 1/8" to 5/32" |
| 206 | 306 | 3/16" | 5/32" to 3/16" |
| 207 | 307 | 7/32" | 3/16" to 7/32" |
| 208 | 308 | 1/4" | 7/32" to 1/4" |
| 209 | — | 9/32" | 1/4" to 9/32" |
| 210 | — | 5/16" | 9/32" to 5/16" |
| 211 | — | 11/32" | 5/16" to 11/32" |
| 212 | — | 3/8" | 11/32" to 3/8" |
| — | 309 | 3 mm | 2.2 to 3 mm |
| 213 | 310 | 6 mm | 5.2 to 6 mm |
| 216 | — | 8 mm | 5.2 to 8 mm |



HG Series

| HG Series | | |
|-------------|---------|----------|
| Part Number | Size | Capacity |
| 103 | 1/16" | 1/16" |
| 102 | 3/32" | 3/32" |
| 100 | 1/8" | 1/8" |
| 146 | 1 mm | 1 mm |
| 131 | 2.35 mm | 2.35 mm |
| 148 | 3 mm | 3 mm |

JET® R12 Series Die Grinders

Variable-Speed Throttle With Safety Lock



JAT-404

- Ergonomic grip absorbs vibration and reduces hand fatigue.
- Superior strength & durability across a wide range of applications.

All Tools: 1/4" air inlet thread (3/8" air hose recommended). Average Air Consumption: JAT-404 & JAT-407 = 3.5 CFM, JAT-405 & JAT 406 = 2.5 CFM.

| Grinder 0.5 hp (0.37 kW) - 1/4" Collet - Rear Exhaust | | | |
|---|--------|-----------------|--------------------|
| Part Number | RPM | Overall Length | Weight |
| JAT-404 | 20,000 | 7-3/8" (187 mm) | 1.9 lbs (0.85 kgs) |



JAT-405

Rugged & Durable Ball Bearing Design



JAT-406

| 90° Angle Grinder, 0.3 hp (0.22 kW) - 1/4" Collet - Rear Ex. | | | |
|--|--------|-----------------|--------------------|
| Part Number | RPM | Overall Length | Weight |
| JAT-405 | 20,000 | 6-1/2" (165 mm) | 1.4 lbs (0.64 kgs) |

| 115° Angle Grinder, 0.3 hp (0.22 kW) - 1/4" Collet - Rear Ex. | | | |
|---|--------|-------------------|--------------------|
| Part Number | RPM | Overall Length | Weight |
| JAT-406 | 20,000 | 7-15/16" (202 mm) | 1.5 lbs (0.66 kgs) |



JAT-407

Full Size Yet Lightweight Aluminum Construction

| Extension Grinder, 0.5 hp (0.37 kW) - 1/4" Collet - Rear Ex. | | | |
|--|--------|--------------------|---------------------|
| Part Number | RPM | Overall Length | Weight |
| JAT-407 | 20,000 | 13-11/16" (297 mm) | 3.34 lbs (1.51 kgs) |