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Supplying the Aerospace, Defense & Metal Working Industries Since 1951!

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All prices are in US dollars.

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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.

Please ask about our tool rental policy!

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.

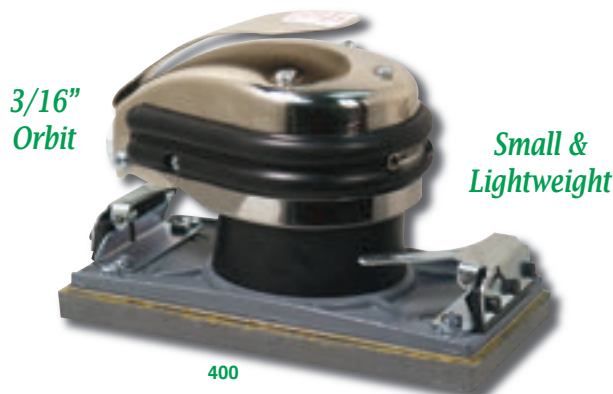
3/8" Orbit - 10,000 RPM			
Standard Models	Dust Extraction Models	Pad Capacity	Weight
DA-5	DA-5DE	5"	4.2 lbs (1.9 kgs)
DA-6	DA-6DE	6"	4.2 lbs (1.9 kgs)

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)