

Precision Grinders

DOTCO® Cleco®

50,000 – 100,000 RPM

0.06 – 0.2 hp (0.044 – 0.015 kW)

- Variety of configurations to meet all your application needs
- Ideal for precision deburring and metal removal
- Turbine, governed and non-governed models available
- 12-03 right angle gearless model to reduce maintenance and downtime



WARNING: Maximum extension on 10-95 Series: 1/4" bur is 1-1/2" and 1/8" bur is 3/4"
 WARNING: Do not use grinding wheels or non-standard burs: failure to comply may shatter abrasive and cause serious injury.

Grinder Kits

220G-600-C2-K

Kit includes grinder, hose, collet, collet wrench, cylindrical plain burr (413680), cylindrical radius end burr (413681), cone & taper burr (413682), and tree point burr (413683), carrying case.

14G-830

Kit includes grinder, hose, collet, collet wrench, two collet wrenches – 1006626, three grinding wheels – 1005327, 1005338, 1005344, dressing stone – 1004908, hose assembly – 1021393, carrying case – 1021743, filter-lubricator – 1020888

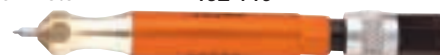


14G-830-KIT

15Z Series Air Marking Pen

- 0.06 hp (0.044 kW) In-line Piston Motor
- Sliding sleeve throttle
- Carbide tipped stylus
- Great for marking materials ranging from aluminum to titanium
- Weighs only 4 oz.

15Z-710



Model Number	Speed spm	Weight		Length		Diameter	
		lbs.	kgs	in.	mm	in.	mm
15Z-710	20,000	.25	0.1	5.5	140	0.6	15

General Air Inlet: 1/8" NPT – Use 3/16" (4.7mm) I.D. hose
 All tools performance rated @ 90psi (620 kPa) air pressure.

Standard Equipment Carbide tipped stylus

Extra Equipment Replacement carbide tipped stylus - 1018081

Air Marking Pen Kit 15Z-720 15Z-710 Air Marking Pen, five (5) foot air hose assembly, 3/16" I.D. with 1/8" NPT fittings, two (2) 1/2" wrenches, carrying case



15Z-720 KIT



WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions.

Model Number			Free Speed rpm	Abrasives Capacity	Type Housing	Weight		Length		Collet Size	Air Inlet Size
With Collet Guard	Without Collet Guard	Wrenchless Chuck†				lbs.	kgs	in.	mm		
10-90 Series – 0.06 hp (0.044 kW) – Front Exhaust – Turbine♦											
		10R9000-03	100,000	3/16" Carbide Bur, 3/16" Diamond Pin	A	0.5	0.2	5.4	137	3mm	1/8"
		10R9000-08	100,000	3/16" Diamond Pin	A	0.5	0.2	5.4	137	1/8"	1/8"
10-95 Series – 0.1 hp (0.074 kW) – Front Exhaust – Turbine♦											
		10L9500-36	80,000	1/4" Carbide Bur, 3/16" Diamond Pin	A	1.9	0.9	5.8	147	1/8"	1/4"
12R91 Series W/O Overhose – 0.1 hp (0.074kw) – Governed – Front Exhaust – Turbine♦											
		12R9180-03*	65,000**	1/8" Carbide Bur, 1/8" Diamond Pin	C	0.4	0.2	5.8	147	3mm	1/8"
		12R9180-08*	65,000**	1/8" Carbide Bur, 1/8" Diamond Pin	C	0.4	0.2	5.8	147	1/8"	1/8"
12R91 Series with 4ft (1.2m) Overhose – 0.1 hp (0.074kw) – Governed – Front Exhaust – Turbine♦											
		12R9180-43*	65,000**	1/8" Carbide Bur, 1/8" Diamond Pin	C	0.4	0.2	5.8	147	3mm	1/8"
		12R9180-48*	65,000**	1/8" Carbide Bur, 1/8" Diamond Pin	C	0.4	0.2	5.8	147	1/8"	1/8"
12-03 Series – 0.1 hp (0.074 kW) Gearless Right Angle – Rear Exhaust											
		12R0380-13*	80,000	1/4" Carbide Bur, 1/4" Diamond Pin	C	0.3	0.1	5.5	140	3mm	1/8"
		12R0380-18	80,000	1/4" Carbide Bur, 1/4" Diamond Pin	C	0.3	0.1	5.5	140	1/8"	1/8"
10-04 Series – 0.1 hp (0.074 kW) – Rear Exhaust											
		10R0401-13* 10R0400-13*	60,000	1/4" Carbide Bur, 1/4" Diamond Pin	A	0.2	0.1	5.8*	147*	3mm	1/8"
		10R0401-18* 10R0400-18 10R0412-18	60,000	1/4" Carbide Bur, 1/4" Diamond Pin	A	0.2	0.1	5.8*	147*	1/8"	1/8"
12-04 Series – 0.1 hp (0.074 kW) – Rear Exhaust											
		12R0410-13* 12R0400-13*	60,000	1/4" Carbide Bur, 1/4" Diamond Pin	C	0.3	0.1	5.8	147	3mm	1/8"
		12R0410-18* 12R0400-18*	60,000	1/4" Carbide Bur, 1/4" Diamond Pin	C	0.3	0.1	5.8	147	1/8"	1/8"
220G Series – 0.1 hp (.74 kW) – Push-Pull Start – Front Exhaust											
		220G-600-C2	60,000	1/4" Carbide Burr	A	4	0.11	4.6	118	1/8"	1/8"
220GL Series – 0.1 hp (.74 kW) – Lever Start – Front Exhaust											
		220GL-600-C2	60,000	1/4" Carbide Burr	A	6	0.11	4.6	118	1/8"	1/8"
14G Series – 0.1 hp (0.074 kW) – Front Exhaust											
		14G-810	50,000	1/4" Carbide Bur, 1/2" Mounted Wheel	S	0.3	0.1	3.9	99	1/8"	1/8"
18G Series – 0.2 hp (0.015 kW) – Front Exhaust											
		18G-810D	40,000	1/4" Carbide Bur, 1/2" Mounted Wheel	S	0.9	0.7	5.9	150	1/4"	1/8"

†For length of 10R0412 wrenchless chuck models, add 0.4" (10mm)

*Optional overhose lengths available, but not as Rapid Select

**Governor-controlled speed

Housing Guide: A=Aluminum, C=Composite, S=Steel

♦ CAUTION:

Use dry air at 90psi (maximum): Do not lubricate turbine grinders. Lubrication will be detrimental to the operation and life of turbine tools. Do not attach a quick-disconnect fitting directly to the tool.

GENERAL:

Minimum Hose Size: 3/16" (4.8mm)

All tools performance rated @ 90psi (620 kPa) air pressure.

STANDARD EQUIPMENT:

10-90 Series: Applicable collet, collet wrenches, 7 ft. (2.1m) air supply hose, replaceable cartridge hose filter.

10-95 Series: Applicable collet, collet wrenches, 8 ft. (2.4m) air supply hose, built-in air filter, speed regulator

12R91 Series: Applicable collet, collet wrenches, collet guard, 5 ft. (1.5m) air supply hose

12-03, 10-04 & 12-04 Series:

Applicable collet, collet wrenches, collet guard, 5 ft (1.5m) air supply hose, 1 ft. (0.3m) overhose

220G Series: Collet, Collet Nut Wrench, Collet Locking Pin

14G Series: Two collet wrenches, Nosepiece

18G Series: 1/4" collet - 7808, Nosepiece -1011790, 7/16" Spindle Wrench - 1011691, 11/16" Collet Nut Wrench - 1014472

EXTRA EQUIPMENT:

Collets: See page 26

Collet Guard (10-90 series): See page 27

Cartridge hose filter: 45-0211

Overhose: See page 63

Refer to Page 7 for description of Rapid Select.

