

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" burr is 1-1/2" and 1/8" burr 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



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 ♦ 10L9500-36											
	10R9000-03		100,000	3/16" Carbide Bur, 3/16" Diamond Pin	A	0.5	0.2	5.4	137	3mm	1/8"
	10R9000-03		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	0.1	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	0.1	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

