

Dotco®

Introducing the new Dotco 12R91 Series Precision Turbines

These new Dotco 12R91 series high speed precision turbines are ergonomically designed for ease of use and engineered for smooth, long life operation. Just what you have come to expect from a quality Dotco tool.


COOPER Tools

DOTCO® 12R91 Series Precision Turbines

- High speed bearings with patent pending precision preload for extended life
- Low runout for smooth operation and long cutter life
- Extended spindle gives convenient pencil style grip position
- Very low noise – 68 dBA
- Patent pending governed design allows the tool to idle for long life but provides full power under load
- Roll valve gives easy, convenient operation
- Simple turbine motor has 1 moving part and requires no oil
- Overhose available to direct exhaust away from work area
- Oil free



Model Number	Capacity	Free Speed rpm	Weight		Length		Collet Size
			lbs.	kgs	in.	mm	
Rear Exhaust W/O Overhose – 0.1 hp (0.074kw)							
12R9180-03	1/4" Carbide Bur, 1/4" Diamond Pin	65,000	0.4	0.2	5.8	147	3mm
12R9180-08	1/4" Carbide Bur, 1/4" Diamond Pin	65,000	0.4	0.2	5.8	147	1/8"
Rear Exhaust with 2ft (.6m) Overhose – 0.1 hp (0.074kw)							
12R9180-23	1/4" Carbide Bur, 1/4" Diamond Pin	65,000	0.4	0.2	5.8	147	3mm
12R9180-28	1/4" Carbide Bur, 1/4" Diamond Pin	65,000	0.4	0.2	5.8	147	1/8"
Rear Exhaust with 4ft (1.2m) Overhose – 0.1 hp (0.074kw)							
12R9180-43	1/4" Carbide Bur, 1/4" Diamond Pin	65,000	0.4	0.2	5.8	147	3mm
12R9180-48	1/4" Carbide Bur, 1/4" Diamond Pin	65,000	0.4	0.2	5.8	147	1/8"

Horsepower: .1hp (0.074 KW)

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

GENERAL:

Air Inlet 1/8" NPT - Use 3/16" (4.8mm) I.D. Hose
All tools performance rated @ 90psi (620 kPa) air pressure.

STANDARD EQUIPMENT:

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

Rapid Select

Models indicated with the **Rapid Select** icon represent our most popular tools, and are available for fast delivery on limited quantities.



- AIRETOOL®
- APEX® • BUCKEYE®
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- COOPER AUTOMATION™ • CRESCENT®
- DGD® • DOLER® • DOTCO® • EREM®
- GARDNER-DENVER® • GARDOTRANS™
- GETA™ • KAHNETICS® • LUFKIN®
- MASTER POWER® • METRONIX™
- NICHOLSON® • PLUMB® • H.K. PORTER®
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