

DOTCO® MINIATURE PRECISION TOOLS

Series 10-04 Pencil Tool

Nominal .1 HP – Rear Exhaust

Capacity: 1/4" Carbide Bur
1/4" Diamond Pin

O.D. of 10R0400 and 10R0401 models is .562" (14.3 mm)

O.D. of 10R0412 models is .670" (17.0 mm)

Air Inlet: 1/8" N.P.T.F. – Use 3/16" (4.8 mm) I.D. Hose

Specifications @ 90 psi (620 kPa) maximum air pressure.

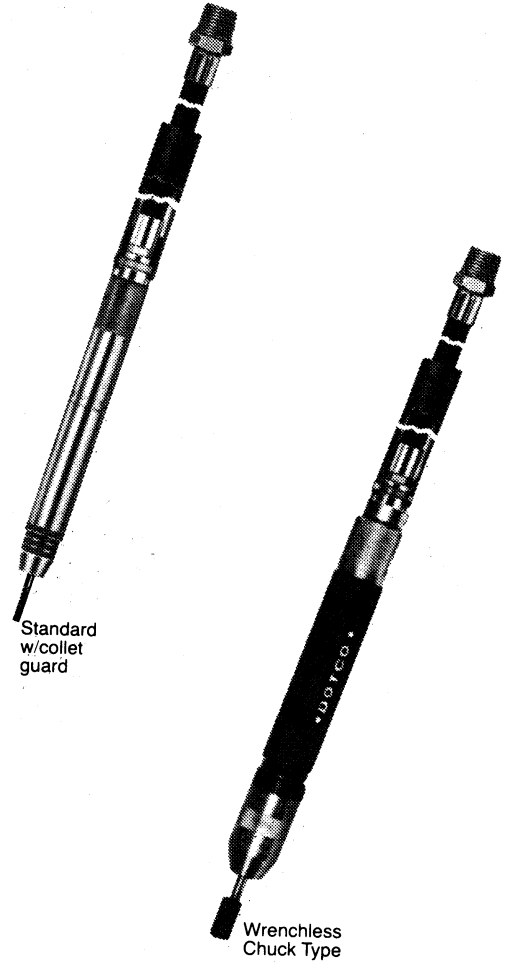
Model Number	Speed RPM	Standard Collet	Weight		Length	
			lbs.	kgs	in.	mm
STANDARD – WITHOUT COLLET GUARD						
10R0400-13	60,000	3mm	.25	.11	5.75	146
10R0400-16	60,000	3/32"	.25	.11	5.75	146
10R0400-18	60,000	1/8"	.25	.11	5.75	146
STANDARD – WITH COLLET GUARD						
10R0401-13	60,000	3mm	.25	.11	5.75	146
10R0401-16	60,000	3/32"	.25	.11	5.75	146
10R0401-18	60,000	1/8"	.25	.11	5.75	146
WRENCHLESS CHUCK TYPE (BUILT-IN COLLET GUARD)						
10R0412-13	60,000	3mm	.28	.13	6.13	156
10R0412-16	60,000	3/32"	.28	.13	6.13	156
10R0412-18	60,000	1/8"	.28	.13	6.13	156

STANDARD EQUIPMENT (ALL MODELS):

3/16" air supply hose 5-ft. (1.5 m) long – 45-0948, Overhose 1-ft. (.3 m) long – 45-0945A, Models 10R0400, 10R0401 include series HG collet and collet wrenches, Models 10R0401, 10R0412 include collet guard.

OPTIONAL EQUIPMENT:

Extra Cost: Overhose: 2-ft. (.6m) long – 45-0955A or 4-ft. (1.2m) long – 45-0956A, Filter-regulator-lubricator, Collet models, HG collets 1/16" (103), 2.35 mm (131), 1.00 mm (146) and bench mounted wrench



Series 12-04 Pencil Tool

Model Number	Speed RPM	Standard Collet	Weight		Length	
			lbs.	kgs	in.	mm
STANDARD – WITH SLEEVE AND COLLET GUARD						
12R0410-13	60,000	3mm	.27	.12	5.75	146
12R0410-16	60,000	3/32"	.27	.12	5.75	146
12R0410-18	60,000	1/8"	.27	.12	5.75	146

Series 12-03 Vertical Pencil Grinder

Nominal .1 HP – Rear Exhaust

Capacity: 1/4" Carbide Bur
1/4" Diamond Pin

Air Inlet: 1/8" N.P.T.F. – Use 3/16" (4.8 mm) I.D. Hose

Specifications @ 90 psi (620 kPa) maximum air pressure.

Model Number	Speed RPM	Standard Collet	Weight		Length	
			lbs.	kgs	in.	mm
12R0380-13	80,000	3mm	.28	.13	5.5	140
12R0380-16	80,000	3/32"	.28	.13	5.5	140
12R0380-18	80,000	1/8"	.28	.13	5.5	140

STANDARD EQUIPMENT:

3/16" air supply hose 5-ft. (1.5 m) long – 45-0948, Overhose 1-ft. (.3 m) long – 45-0955 Collet and collet wrenches.

OPTIONAL EQUIPMENT:

Extra Cost: 45-6002, Overhose 2-ft (.6 m) long – 45-6001, Overhose 4-ft. (1.2 m) long

