

12-05 Series - Precision Grinder- with Collet Guard - Cleco Dotco

40,000 RPM 0.2 hp (0.15 kW)



- Robust design have been continuously improved for six decades
- Compact size for ultimate control - easy access to confined areas
- Ideal for die and mold work as well as deburring
- Comprehensive selection of speed available
- Equipped with dial throttle

MODEL	COLLET SIZE	EXHAUST	FREE SPEED	ABRASIVE CAPACITY GRINDER	TYPE HOUSING	WEIGHT	LENGTH	AIR INLET SIZE
			R/MIN			LB	IN	IN
12R0500-36	1/4 IN	FRONT	40000	1/4" CARBIDE BURR, 7/8" MOUNTED WHEEL	COMPOSITE	0.66	5.9	1/8

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

Minimum Hose I.D.: 3/16in / 4.8mm

Standard Equipment: Applicable collet, collet wrenches, collet guard, 7 ft / 2.1m air supply hose

12-10 Series - Die Grinder - 300 Series Collet - Cleco Dotco

12,000 - 34,000 RPM 0.3 hp (0.22 kW)



- Durable and ergonomic composite housing
- Compact size for ultimate control - easy access to confined areas
- Ideal for die and mold work as well as deburring
- Comprehensive selection of speed available
- Standard equipped with lock-off lever

MODEL	COLLET SIZE	EXHAUST	FREE SPEED	ABRASIVE CAPACITY GRINDER	TYPE HOUSING	WEIGHT	LENGTH	AIR INLET SIZE
			R/MIN			LB	IN	IN
12L1045-36	1/4 IN	FRONT	12000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	COMPOSITE	0.88	6.0	1/4
12L1045-36M6*	1/4 IN 6 MM	FRONT	12000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	COMPOSITE	0.88	6.0	1/4
12L1046-36	1/4 IN	FRONT	18000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	COMPOSITE	0.88	6.0	1/4
12L1028-36	1/4 IN	REAR	20000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	COMPOSITE	0.88	6.0	1/4
12L1028-36M6*	1/4 IN 6 MM	REAR	20000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	COMPOSITE	0.88	6.0	1/4
12L1003-36	1/4 IN	FRONT	25000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	COMPOSITE	0.88	6.0	1/4
12L1082-36	1/4 IN	REAR	25000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	COMPOSITE	0.88	6.0	1/4
12L1082-36M6*	1/4 IN 6 MM	REAR	25000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	COMPOSITE	0.88	6.0	1/4
12L1000-36	1/4 IN	FRONT	30000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	COMPOSITE	0.88	6.0	1/4
12L1000-36M6*	1/4 IN 6 MM	FRONT	30000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	COMPOSITE	0.88	6.0	1/4

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

Standard Equipment: Applicable collet, collet wrenches

Minimum Hose I.D.: 1/4 in / 6.4 mm

* -36M6 includes both 1/4" Collet and 6 mm Collet. -36M6OH termination includes both 1/4" Collet and 6 mm Collet and overhose

MODEL	COLLET SIZE	EXHAUST	FREE SPEED	ABRASIVE CAPACITY GRINDER	TYPE HOUSING	WEIGHT	LENGTH	AIR INLET SIZE
			R/MIN			LB	IN	IN
12L1080-36	1/4 IN	REAR	30000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	COMPOSITE	0.88	6.0	1/4
12L1080-36M6*	1/4 IN 6 MM	REAR	30000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	COMPOSITE	0.88	6.0	1/4
12L1080-36M6OH*	1/4 IN 6 MM	REAR	30000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	COMPOSITE	0.88	6.0	1/4
12L1001-36	1/4 IN	FRONT	34000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	COMPOSITE	0.88	6.0	1/4
12L1081-36	1/4 IN	REAR	34000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	COMPOSITE	0.88	6.0	1/4
12L1081-36M6OH*	1/4 IN 6 MM	REAR	34000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	COMPOSITE	0.88	6.0	1/4
12S1008-36	1/4 IN	FRONT	20000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	COMPOSITE	0.88	6.0	1/4

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

Standard Equipment: Applicable collet, collet wrenches

Minimum Hose I.D.: 1/4 in / 6.4 mm

* -36M6 includes both 1/4" Collet and 6 mm Collet. -36M6OH termination includes both 1/4" Collet and 6 mm Collet and overhose

10-10 Series - Die Grinder - 200 & 300 Series Collet - Cleco Dotco

25,000 - 34,000 RPM 0.3 hp (0.22 kW)



- Durable aluminum housing
- Compact size for ultimate control - easy access to confined areas
- Ideal for die and mold work as well as deburring
- Comprehensive selection of speed available

MODEL	COLLET SIZE	EXHAUST	FREE SPEED	ABRASIVE CAPACITY GRINDER	TYPE HOUSING	WEIGHT	LENGTH	AIR INLET SIZE
			R/MIN			LB	IN	IN
10L1003-36	1/4 IN	FRONT	25000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	ALUMINUM	0.66	4.60	1/4
10L1082-36	1/4 IN	REAR	25000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	ALUMINUM	0.66	4.60	1/4
10L1000-36	1/4 IN	FRONT	30000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	ALUMINUM	0.66	4.60	1/4
10L1080-36	1/4 IN	REAR	30000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	ALUMINUM	0.66	4.60	1/4
10L1097-36	1/4 IN	REAR	30000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	ALUMINUM WITH BAIL	0.66	4.60	1/4
10N1080-01*	1/4 IN	REAR	30000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	ALUMINUM	0.66	4.60	1/4
10L1001-36	1/4 IN	FRONT	34000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	ALUMINUM	0.66	4.60	1/4
10L1081-36	1/4 IN	REAR	34000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	ALUMINUM	0.66	4.60	1/4
10N1081-36*	1/4 IN	REAR	34000	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	ALUMINUM	0.66	4.60	1/4

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

Standard Equipment: Applicable collet, collet wrenches

Minimum Hose I.D.: 1/4 in / 6.4 mm

* Tool will start with applied air, intended for fixtured applications

12-20 Series - Die Grinder - 200 Series Collet - Cleco Dotco

12,000 - 25,000 RPM 0.6 hp (0.45 kW)



- Ergonomic composite housing
- Front and rear exhaust models available
- Designed to work comfortably with the operator
- Standard equipped with 200 series collet

MODEL	COLLET SIZE	EXHAUST	FREE SPEED	ABRASIVE CAPACITY GRINDER	TYPE HOUSING	WEIGHT	LENGTH	AIR INLET SIZE
			R/MIN			LB	IN	IN
12L2003-01	1/4 IN	FRONT	12000	3/4" CARBIDE BURR, 1.5" MOUNTED WHEEL	COMPOSITE	1.32	6.9	1/4
12L2002-01	1/4 IN	FRONT	18000	3/4" CARBIDE BURR, 1.5" MOUNTED WHEEL	COMPOSITE	1.32	6.9	1/4
12L2001-01	1/4 IN	FRONT	20000	3/4" CARBIDE BURR, 1.5" MOUNTED WHEEL	COMPOSITE	1.32	6.9	1/4
12L2081-01	1/4 IN	REAR	20000	3/4" CARBIDE BURR, 1.5" MOUNTED WHEEL	COMPOSITE	1.32	6.9	1/4
12L2081-01M6*	1/4 IN 6 MM	REAR	20000	3/4" CARBIDE BURR, 1.5" MOUNTED WHEEL	COMPOSITE	1.32	6.9	1/4
12L2081-01M6OH*	1/4 IN 6 MM	REAR	20000	3/4" CARBIDE BURR, 1.5" MOUNTED WHEEL	COMPOSITE	1.32	6.9	1/4
12L2000-01	1/4 IN	FRONT	25000	3/4" CARBIDE BURR, 1.5" MOUNTED WHEEL	COMPOSITE	1.32	6.9	1/4
12L2080-01	1/4 IN	REAR	25000	3/4" CARBIDE BURR, 1.5" MOUNTED WHEEL	COMPOSITE	1.32	6.9	1/4
12L2080-01M6*	1/4 IN 6 MM	REAR	25000	3/4" CARBIDE BURR, 1.5" MOUNTED WHEEL	COMPOSITE	1.32	6.9	1/4
12L2082-01	1/4 IN	REAR	18000	3/4" CARBIDE BURR, 1.5" MOUNTED WHEEL	COMPOSITE	1.32	6.9	1/4

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

Standard Equipment: Applicable collet, collet wrenches

Minimum Hose I.D.: 1/4in / 6.4mm

* -36M6 includes both 1/4" Collet and 6 mm Collet. -36M6OH termination includes both 1/4" Collet and 6 mm Collet and overhose. -01M6 includes both 1/4" Collet and 6 mm Collet. -01M6OH termination includes both 1/4" Collet and 6 mm Collet and overhose.

10-20 Series - Die Grinder - 200 & 300 Series Collet - Cleco Dotco

18,000 - 25,000 RPM 0.6 hp (0.45 kW)



- Durable aluminum housing
- Front, side, and rear exhaust models available
- Designed to work comfortably with the operator

MODEL	COLLET SIZE	EXHAUST	FREE SPEED	ABRASIVE CAPACITY GRINDER	TYPE HOUSING	WEIGHT	LENGTH	AIR INLET SIZE
			R/MIN			LB	IN	IN
10L2002-36	1/4 IN	FRONT	18000	3/4" CARBIDE BURR, 1.5" MOUNTED WHEEL	ALUMINUM	1.32	6.6	1/4
10L2082-01	1/4 IN	REAR	18000	3/4" CARBIDE BURR, 1.5" MOUNTED WHEEL	ALUMINUM	1.32	6.6	1/4
10L2005-01	1/4 IN	FRONT	20000	3/4" CARBIDE BURR, 1.5" MOUNTED WHEEL	ALUMINUM	1.32	5.7	1/4

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

Standard Equipment: Applicable collet, collet wrenches Minimum Hose I.D.: 5/16 in / 7.9 mm

Termination -01 = 200 Series collet

Termination -36 = 300 series collet

* -36M6 includes both 1/4" Collet and 6 mm Collet. -36M6OH termination includes both 1/4" Collet and 6 mm Collet and overhose. -01M6 includes both 1/4" Collet and 6 mm Collet. -01M6OH termination includes both 1/4" Collet and 6 mm Collet and overhose.

** Tool will start with applied air, intended for fixtured applications

MP44 Series Die Grinder

25,000 RPM 0.5 hp (0.373 kW)

- Ideal for general purpose applications.
- Ergonomic grip for operator comfort
- 360° air inlet swivel



MODEL	COLLET SIZE	EXHAUST	FREE SPEED	ABRASIVE CAPACITY GRINDER	TYPE HOUSING	WEIGHT	LENGTH	AIR INLET SIZE
			R/MIN			LB	IN	IN
MP4458	1/4 IN	FRONT	25000	1" CARBIDE BURR, 1.5" MOUNTED WHEEL	STEEL	1.32	6.1	1/4

General: Air Inlet 1/4" NPT. Use 1/4" (6.4 mm) I.D. hose. All tools performance rated @ 90psi (620 kPa) air pressure.

Optional: MP4424 & MP4430: 70619500 3/16" collet; 70610500 1/4" collet; 70610600 6 mm collet; MP4424: 543944 – 16oz. angle head grease.

12-11 Series - Extended - Die Grinder - Cleco Dotco

25,000 - 28,000 RPM 0.3 hp (0.22 kW)

- 3" | 75mm and 5" | 125mm extended housings available
- Overhose available
- Multiple industrial bearings for low vibration and perfect balance



MODEL	COLLET SIZE	EXHAUST	FREE SPEED	EXTENSION	ABRASIVE CAPACITY GRINDER	TYPE HOUSING	WEIGHT	LENGTH	AIR INLET SIZE
			R/MIN	IN			LB	IN	IN
12L1111-36	1/4 IN	FRONT	25000	3	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	COMPOSITE	1.10	8.9	1/4
12L1112-36	1/4 IN	FRONT	25000	5	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	COMPOSITE	1.32	10.9	1/4
12L1100-36	1/4 IN	FRONT	28000	3	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	COMPOSITE	1.10	8.9	1/4
12L1101-36	1/4 IN	FRONT	28000	5	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	COMPOSITE	1.32	10.9	1/4
12L1180-36	1/4 IN	REAR	28000	3	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	COMPOSITE	1.10	8.9	1/4
12L1181-36	1/4 IN	REAR	28000	5	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	COMPOSITE	1.32	10.9	1/4

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

Standard Equipment: Applicable collet, collet wrenches

Minimum Hose I.D.: 1/4 in / 4.8 mm

10-11 Series - Extended - Die Grinder - 300 Series Collet - Cleco Dotco

25,000 - 28,000 RPM 0.3 hp (0.22 kW)



- 3" | 75mm & 5" | 125mm extended housing for hard to reach areas
- Available in a variety of speeds
- Balanced and comfortable to minimize fatigue

MODEL	COLLET SIZE	EXHAUST	FREE SPEED	EXTENSION	ABRASIVE CAPACITY GRINDER	TYPE HOUSING	WEIGHT	LENGTH	AIR INLET SIZE
			R/MIN	IN			LB	IN	IN
10L1111-36	1/4 IN	FRONT	25000	3	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	ALUMINUM	1.10	7.6	1/4
10L1112-36	1/4 IN	FRONT	25000	5	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	ALUMINUM	1.10	9.8	1/4
10L1100-36	1/4 IN	FRONT	28000	3	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	ALUMINUM	1.10	7.6	1/4
10L1101-36	1/4 IN	FRONT	28000	5	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	ALUMINUM	1.10	9.8	1/4
10L1101-36M6*	1/4 IN 6 MM	FRONT	28000	5	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	ALUMINUM	1.10	9.8	1/4
10L1180-36	1/4 IN	REAR	28000	3	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	ALUMINUM	1.10	8.4	1/8
10L1181-36	1/4 IN	REAR	28000	5	1/2" CARBIDE BURR, 1" MOUNTED WHEEL	ALUMINUM	1.10	9.8	1/4

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

Standard Equipment: Applicable collet, collet wrenches

Minimum Hose I.D.: 1/4 in / 6.4 mm

; * -36M6 includes both 1/4" Collet and 6 mm Collet. -36M6OH termination includes both 1/4" Collet and 6 mm Collet and overhose

12-26 Series - Extended - Die Grinder - 5" (127mm) Extension - 200 Series Collet - Cleco Dotco

12,000 - 22,000 RPM 0.9 hp (0.67 kW)



- 5" | 125mm Extended housing for hard to reach areas
- Available in a variety of speeds
- Balanced and comfortable to minimize fatigue

MODEL	COLLET SIZE	EXHAUST	FREE SPEED	ABRASIVE CAPACITY GRINDER	TYPE HOUSING	WEIGHT	LENGTH	AIR INLET SIZE
			R/MIN			LB	IN	IN
12L2602-01	1/4 IN	SIDE	18000	1" CARBIDE BURR, 1.5" MOUNTED WHEEL	COMPOSITE	2.87	12.9	1/4
12L2668-01*	1/4 IN	SIDE	18000	1" CARBIDE BURR, 1.5" MOUNTED WHEEL	COMPOSITE	2.87	12.9	1/4
12L2600-01	1/4 IN	SIDE	22000	1" CARBIDE BURR, 1.5" MOUNTED WHEEL	COMPOSITE	2.87	12.9	1/4
12L2680-01	1/4 IN	REAR	22000	1" CARBIDE BURR, 1.5" MOUNTED WHEEL	COMPOSITE	2.87	12.9	1/4
12L2682-01	1/4 IN	REAR	12000	1" CARBIDE BURR, 1.5" MOUNTED WHEEL	COMPOSITE	2.87	12.9	1/4

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

Standard Equipment: Applicable collet, collet wrenches

Minimum Hose I.D.: 5/16 in / 7.9 mm

* Governed