

1212

**LEMPCO**  
**EVANS**

**INDUSTRIAL  
HAND & MACHINE  
REAMERS**

**CATALOG *and* PRICE LIST**

No. R-I-1043

**LEMPCO PRODUCTS ★ BEDFORD, OHIO ★ U.S.A.**



# *Your* **COST IS LESS** **"Per Finished Hole"** **with LEMPCO Reamers!**

**HERE'S**

**WHY!**

★ The Lempco-Evans Reamer, unlike the ordinary reamer, consists of the body and shank in one piece, and three replaceable, "dual - spiral" cutting blades. Cutting blades are made of Hi-Speed steel, heat treated then hard chrome plated. Lempco-Evans "dual-spiral" cutting blades, under rigid tests, will last, and perform to complete satisfaction from 10 to 20 times longer than ordinary reamer blades. Longer blade life and the greater number of resharpenings permitted reflects a total reamer life as high as 100 times that of the ordinary reamer.

★ Straight line expansion of the cutting blades, PLUS expansion on a chordal plane in relation to the center-line of the reamer body, gives you the full benefit of ALL the cutting edges of the blades. This exclusive cutting action combined with right and left hand spiral flutes assures speed and precision with only a fraction of the amount of driving pressure or power ordinarily required to do a clean cutting job.

★ In the ordinary reamer the cutting action is concentrated in a very small cross section of the blades. With all the cutting action thus concentrated the

blades dull more quickly and require more frequent adjustment to maintain required tolerances. Since the ordinary plug-type expansion reamer can be resharpened on an average of only three or four times, it becomes both expensive and short-lived. Lempco-Evans cutting blades, with "Dual-Spiral, free cutting action" and "Straight-line expansion" can be resharpened many more times due to the greater expansion range and when worn undersize it is only necessary to replace the blade segments.

★ Dual-Spiral blades (each dove-tailed and locked-in) eliminate chatter, making it easy to ream bores with keyways, oil grooves, slots, or split bushings and still produce a smooth, flawless bearing surface.

★ Lempco-Evans Reamers are especially adapted for line reaming in machine assembling. Extensions and pilots can be made any length.

★ The Lempco-Evans construction makes the reamer universal in application for magnesium, aluminum, zinc, bronze and all machineable iron castings and steel alloys, laminated phenol formaldehyde and other plastic and fibrous materials.



# HAND REAMERS TYPE A

**LEMPco  
COIL SPRING**

(QUICK)

**ADJUSTMENT**

*for  
Hand Reaming*

## SIZE and PRICE, F.O.B. FACTORY

Size	Expansion	Net Price	Extra Blades
1 1/2"	.035"	\$18.00	\$ 9.00
1 7/8"	.035"	18.00	9.00
2"	.035"	18.00	9.00
2 1/8"	.035"	18.00	9.00
2 1/4"	.040"	19.00	10.43
2 3/8"	.040"	19.00	10.43
2 1/2"	.040"	19.00	10.43
2 3/4"	.040"	19.00	10.43
3"	.050"	19.30	10.71
3 1/8"	.050"	19.30	10.71
3 1/4"	.050"	19.30	10.71
3 3/8"	.050"	19.30	10.71
3 1/2"	.050"	20.00	11.43
3 3/4"	.050"	20.00	11.43
4"	.050"	20.00	11.43
4 1/8"	.050"	20.00	11.43
4 1/4"	.055"	20.71	12.14
4 3/8"	.055"	20.71	12.14
4 1/2"	.055"	20.71	12.14
4 3/4"	.055"	25.71	14.29
5"	.055"	25.71	14.29
5 1/8"	.055"	25.71	14.29
5 1/4"	.055"	25.71	14.29
5 3/8"	.055"	31.43	17.14
5 1/2"	.055"	31.43	17.14
5 3/4"	.055"	31.43	17.14
6"	.055"	31.43	17.14
6 1/8"	.055"	31.43	17.14
6 1/4"	.055"	31.43	17.14
6 3/8"	.055"	31.43	17.14
6 1/2"	.055"	31.43	17.14
6 3/4"	.055"	31.43	17.14
7"	.060"	35.00	19.29
7 1/8"	.060"	35.00	19.29
7 1/4"	.060"	35.00	19.29
7 3/8"	.060"	37.87	22.42
7 1/2"	.060"	37.87	22.42
7 3/4"	.060"	40.71	24.00
8"	.060"	40.71	24.00
8 1/8"	.080"	50.72	30.00
8 1/4"	.080"	50.72	30.00
8 3/8"	.080"	54.28	32.85
8 1/2"	.080"	54.28	32.85
8 3/4"	.080"	54.28	32.85
9"	.080"	54.28	32.85
9 1/8"	.080"	57.15	35.71
9 1/4"	.080"	57.15	35.71
9 3/8"	.080"	57.15	35.71

Special blade diameters—lead pilot O. D.—follow sleeve pilot O. D.—and square tang shank O. D. made to your specifications at small additional charge.

COIL SPRING  
ADJUSTMENT



TYPE A

# LEMPco

BEDFORD, OHIO, U. S. A.



# HAND REAMERS TYPE AB

**LEMPCO**  
**COIL SPRING**  
(QUICK)  
**ADJUSTMENT**  
*for*  
**HAND REAMING**  
*No Lead Pilot-*  
*Nut Only*

## SIZE and PRICE, F.O.B. FACTORY

Size	Expansion	Net Price	Extra Blades
1 1/2"	.035"	\$18.00	\$ 9.00
1 7/8"	.035"	18.00	9.00
1 9/16"	.035"	18.00	9.00
1 5/8"	.035"	18.00	9.00
2"	.040"	19.00	10.43
2 1/8"	.040"	19.00	10.43
2 1/16"	.040"	19.00	10.43
2 1/4"	.040"	19.00	10.43
2 3/8"	.050"	19.30	10.71
2 1/2"	.050"	19.30	10.71
2 5/8"	.050"	19.30	10.71
2 3/4"	.050"	19.30	10.71
2 7/8"	.050"	20.00	11.43
2 9/8"	.050"	20.00	11.43
2 15/16"	.050"	20.00	11.43
2 31/32"	.050"	20.00	11.43
3"	.055"	20.71	12.14
3 1/8"	.055"	20.71	12.14
3 1/16"	.055"	20.71	12.14
3 1/4"	.055"	25.71	14.29
3 3/8"	.055"	25.71	14.29
3 1/2"	.055"	25.71	14.29
3 5/8"	.055"	25.71	14.29
3 3/4"	.055"	31.43	17.14
3 7/8"	.055"	31.43	17.14
3 9/8"	.055"	31.43	17.14
3 15/16"	.055"	31.43	17.14
3 31/32"	.055"	31.43	17.14
4"	.060"	35.00	19.29
4 1/8"	.060"	35.00	19.29
4 1/16"	.060"	35.00	19.29
4 1/4"	.060"	37.87	22.42
4 3/8"	.060"	37.87	22.42
4 1/2"	.060"	40.71	24.00
4 5/8"	.060"	40.71	24.00
4 3/4"	.080"	50.72	30.00
4 7/8"	.080"	50.72	30.00
4 9/8"	.080"	54.28	32.85
4 15/16"	.080"	54.28	32.85
4 31/32"	.080"	54.28	32.85
5"	.080"	54.28	32.85
5 1/8"	.080"	57.15	35.71
5 1/16"	.080"	57.15	35.71
5 1/4"	.080"	57.15	35.71
5 3/8"	.080"	57.15	35.71
5 1/2"	.080"	57.15	35.71

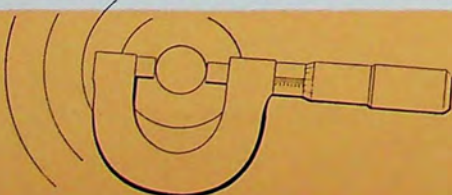
Special blade diameters—lead pilot O. D.—follow sleeve pilot O. D.—and square tang shank O. D. made to your specifications at small additional charge.

COIL SPRING  
ADJUSTMENT →

NO LEAD  
PILOT—  
NUT ONLY →



TYPE AB



# LEMPCO

BEDFORD, OHIO, U. S. A.



# MACHINE REAMERS TYPE R

## LEMPCO Positive LOCK-NUT ADJUSTMENT

Specify Type R  
with Straight or  
Morse Taper Shank  
when ordering

### SIZE and PRICE, F.O.B. FACTORY

Size	Expansion	Net Price Straight Shank	Net Price Morse Taper Shank	Extra Blades Net	Standard Morse Tapers
1/2"	.035"	\$25.50	\$30.50	\$ 9.00	No. 1
17/32"	.035"	25.50	30.50	9.00	No. 1
9/16"	.035"	25.50	30.50	9.00	No. 1
19/32"	.035"	25.50	30.50	9.00	No. 1
5/8"	.040"	26.50	31.50	10.43	No. 2
21/32"	.040"	26.50	31.50	10.43	No. 2
11/16"	.040"	26.50	31.50	10.43	No. 2
23/32"	.040"	26.50	31.50	10.43	No. 2
3/4"	.050"	26.80	31.80	10.71	No. 2
25/32"	.050"	26.80	31.80	10.71	No. 2
13/16"	.050"	26.80	31.80	10.71	No. 2
27/32"	.050"	26.80	31.80	10.71	No. 2
7/8"	.050"	28.50	33.50	11.43	No. 3
29/32"	.050"	28.50	33.50	11.43	No. 3
15/16"	.050"	28.50	33.50	11.43	No. 3
31/32"	.050"	28.50	33.50	11.43	No. 3
1"	.055"	29.21	34.21	12.14	No. 3
1 1/32"	.055"	29.21	34.21	12.14	No. 3
1 1/16"	.055"	29.21	34.21	12.14	No. 3
1 1/8"	.055"	36.21	41.21	14.29	No. 3
1 1/4"	.055"	36.21	41.21	14.29	No. 3
1 3/8"	.055"	36.21	41.21	14.29	No. 3
1 1/2"	.055"	36.21	41.21	14.29	No. 3
1 5/8"	.055"	43.93	48.93	17.14	No. 4
1 3/4"	.055"	43.93	48.93	17.14	No. 4
1 7/8"	.055"	43.93	48.93	17.14	No. 4
1 15/16"	.055"	43.93	48.93	17.14	No. 4
1 1/2"	.055"	43.93	48.93	17.14	No. 4
1 1/4"	.055"	43.93	48.93	17.14	No. 4
1 3/8"	.055"	43.93	48.93	17.14	No. 4
1 1/2"	.055"	43.93	48.93	17.14	No. 4
1 5/8"	.060"	48.25	53.25	19.29	No. 4
1 3/4"	.060"	48.25	53.25	19.29	No. 4
1 7/8"	.060"	48.25	53.25	19.29	No. 4
1 15/16"	.060"	51.12	56.12	22.42	No. 4
1 1/2"	.060"	51.12	56.12	22.42	No. 4
1 1/4"	.060"	53.96	58.96	24.00	No. 4
1 3/8"	.060"	53.96	58.96	24.00	No. 4
1 7/8"	.080"	65.72	70.72	30.00	No. 5
1 15/16"	.080"	65.72	70.72	30.00	No. 5
2"	.080"	69.28	74.28	32.85	No. 5
2 1/16"	.080"	69.28	74.28	32.85	No. 5
2 1/8"	.080"	69.28	74.28	32.85	No. 5
2 1/4"	.080"	69.28	74.28	32.85	No. 5
2 3/8"	.080"	72.15	77.15	35.71	No. 5
2 1/2"	.080"	72.15	77.15	35.71	No. 5
2 5/8"	.080"	72.15	77.15	35.71	No. 5

Special blade diameters—lead pilot O. D.—follow sleeve pilot O. D.—and square tang shank O. D. made to your specifications at small additional charge.

POSITIVE  
LOCK-NUT  
ADJUSTMENT



TYPE R  
STRAIGHT  
SHANK



TYPE R—TAPER SHANK



# MACHINE REAMERS TYPE RB

**LEMPCO**

*Positive*

**LOCK-NUT  
ADJUSTMENT**

*Specify Type RB  
with Straight or  
Morse Taper Shank  
when ordering*

## SIZE *and* PRICE, F.O.B. FACTORY

Size	Expansion	Net Price Straight Shank	Net Price Morse Taper Shank	Extra Blades Net	Standard Morse Tapers
1/2"	.035"	\$25.50	\$30.50	\$ 9.00	No. 1
17/32"	.035"	25.50	30.50	9.00	No. 1
9/16"	.035"	25.50	30.50	9.00	No. 1
19/32"	.035"	25.50	30.50	9.00	No. 1
5/8"	.040"	26.50	31.50	10.43	No. 2
21/32"	.040"	26.50	31.50	10.43	No. 2
11/16"	.040"	26.50	31.50	10.43	No. 2
23/32"	.040"	26.50	31.50	10.43	No. 2
3/4"	.050"	26.80	31.80	10.71	No. 2
25/32"	.050"	26.80	31.80	10.71	No. 2
13/16"	.050"	26.80	31.80	10.71	No. 2
27/32"	.050"	26.80	31.80	10.71	No. 2
7/8"	.050"	28.50	33.50	11.43	No. 3
29/32"	.050"	28.50	33.50	11.43	No. 3
15/16"	.050"	28.50	33.50	11.43	No. 3
31/32"	.050"	28.50	33.50	11.43	No. 3
1"	.055"	29.21	34.21	12.14	No. 3
1 1/32"	.055"	29.21	34.21	12.14	No. 3
1 1/16"	.055"	29.21	34.21	12.14	No. 3
1 1/8"	.055"	36.21	41.21	14.29	No. 3
1 1/4"	.055"	36.21	41.21	14.29	No. 3
1 3/8"	.055"	36.21	41.21	14.29	No. 3
1 3/16"	.055"	36.21	41.21	14.29	No. 3
1 1/2"	.055"	43.93	48.93	17.14	No. 4
1 5/8"	.055"	43.93	48.93	17.14	No. 4
1 3/4"	.055"	43.93	48.93	17.14	No. 4
1 7/8"	.055"	43.93	48.93	17.14	No. 4
1 15/16"	.055"	43.93	48.93	17.14	No. 4
1 1/2"	.055"	43.93	48.93	17.14	No. 4
1 13/16"	.055"	43.93	48.93	17.14	No. 4
1 7/8"	.055"	43.93	48.93	17.14	No. 4
1 15/16"	.055"	43.93	48.93	17.14	No. 4
1 1/2"	.060"	48.25	53.25	19.29	No. 4
1 5/8"	.060"	48.25	53.25	19.29	No. 4
1 3/4"	.060"	48.25	53.25	19.29	No. 4
1 7/8"	.060"	51.12	56.12	22.42	No. 4
1 15/16"	.060"	51.12	56.12	22.42	No. 4
1 1/2"	.060"	53.96	58.96	24.00	No. 4
1 13/16"	.060"	53.96	58.96	24.00	No. 4
1 7/8"	.080"	65.72	70.72	30.00	No. 5
1 15/16"	.080"	65.72	70.72	30.00	No. 5
2"	.080"	69.28	74.28	32.85	No. 5
2 1/16"	.080"	69.28	74.28	32.85	No. 5
2 1/8"	.080"	69.28	74.28	32.85	No. 5
2 1/4"	.080"	69.28	74.28	32.85	No. 5
2 3/8"	.080"	72.15	77.15	35.71	No. 5
2 1/2"	.080"	72.15	77.15	35.71	No. 5
2 5/8"	.080"	72.15	77.15	35.71	No. 5

*Special blade diameters—lead pilot O. D.—follow sleeve pilot O. D.—and square tang shank O. D. made to your specifications at small additional charge.*

POSITIVE  
LOCK-NUT  
ADJUSTMENT

NO LEAD  
PILOT  
NUT ONLY



TYPE RB  
TAPER  
SHANK



TYPE RB—STRAIGHT SHANK



# MACHINE REAMERS TYPE RX

## LEMPCO Positive LOCK-NUT ADJUSTMENT WITH LEAD PILOT

Specify Type RX  
with Straight or  
Morse Taper Shank  
when ordering

### SIZE and PRICE, F.O.B. FACTORY

Size	Expansion	Net Price Straight Shank	Net Price Morse Taper Shank	Extra Blades Net	Standard Morse Tapers
1/2"	.035"	\$25.50	\$30.50	\$ 9.00	No. 1
17/32"	.035"	25.50	30.50	9.00	No. 1
9/16"	.035"	25.50	30.50	9.00	No. 1
19/32"	.035"	25.50	30.50	9.00	No. 1
5/8"	.040"	26.50	31.50	10.43	No. 2
21/32"	.040"	26.50	31.50	10.43	No. 2
11/16"	.040"	26.50	31.50	10.43	No. 2
23/32"	.040"	26.50	31.50	10.43	No. 2
3/4"	.050"	26.80	31.80	10.71	No. 2
25/32"	.050"	26.80	31.80	10.71	No. 2
13/16"	.050"	26.80	31.80	10.71	No. 2
27/32"	.050"	26.80	31.80	10.71	No. 2
7/8"	.050"	28.50	33.50	11.43	No. 3
29/32"	.050"	28.50	33.50	11.43	No. 3
15/16"	.050"	28.50	33.50	11.43	No. 3
31/32"	.050"	28.50	33.50	11.43	No. 3
1"	.055"	29.21	34.21	12.14	No. 3
1 1/32"	.055"	29.21	34.21	12.14	No. 3
1 1/16"	.055"	29.21	34.21	12.14	No. 3
1 3/32"	.055"	36.21	41.21	14.29	No. 3
1 1/8"	.055"	36.21	41.21	14.29	No. 3
1 5/16"	.055"	36.21	41.21	14.29	No. 3
1 3/8"	.055"	36.21	41.21	14.29	No. 3
1 7/16"	.055"	43.93	48.93	17.14	No. 4
1 1/4"	.055"	43.93	48.93	17.14	No. 4
1 9/16"	.055"	43.93	48.93	17.14	No. 4
1 5/8"	.055"	43.93	48.93	17.14	No. 4
1 11/16"	.055"	43.93	48.93	17.14	No. 4
1 3/4"	.055"	43.93	48.93	17.14	No. 4
1 13/16"	.055"	43.93	48.93	17.14	No. 4
1 7/8"	.055"	43.93	48.93	17.14	No. 4
1 15/16"	.060"	48.25	53.25	19.29	No. 4
1 1/2"	.060"	48.25	53.25	19.29	No. 4
1 9/8"	.060"	48.25	53.25	19.29	No. 4
1 5/4"	.060"	51.12	56.12	22.42	No. 4
1 11/8"	.060"	51.12	56.12	22.42	No. 4
1 3/4"	.060"	53.96	58.96	24.00	No. 4
1 13/8"	.060"	53.96	58.96	24.00	No. 4
1 7/4"	.080"	65.72	70.72	30.00	No. 5
1 15/4"	.080"	65.72	70.72	30.00	No. 5
2"	.080"	69.28	74.28	32.85	No. 5
2 1/16"	.080"	69.28	74.28	32.85	No. 5
2 1/8"	.080"	69.28	74.28	32.85	No. 5
2 1/4"	.080"	69.28	74.28	32.85	No. 5
2 3/8"	.080"	72.15	77.15	35.71	No. 5
2 1/2"	.080"	72.15	77.15	35.71	No. 5
2 5/8"	.080"	72.15	77.15	35.71	No. 5

Special blade diameters—lead pilot O. D.—follow sleeve pilot O. D.—and square tang shank O. D. made to your specifications at small additional charge.

POSITIVE  
LOCK-NUT  
ADJUSTMENT

LEAD  
PILOT



TYPE RX  
TAPER  
SHANK



TYPE RX—STRAIGHT SHANK



# LONG PILOT ALIGNMENT HAND REAMERS, TYPE ALP

**LEMPCO**

Includes  
**TAPERED  
PILOT  
BUSHING**

## SIZE and PRICE, F.O.B. FACTORY

Size	Expansion	Pilot Length	Pilot Outside Diameter	Reamer Net Price	Extra Blade Price
1/2"	.035"	7"	.436"	\$23.00	\$ 9.00
17/32"	.035"	7"	.436"	23.00	9.00
9/16"	.035"	7"	.436"	23.00	9.00
19/32"	.035"	7"	.436"	23.00	9.00
5/8"	.040"	7 1/2"	.549"	24.00	10.43
21/32"	.040"	7 1/2"	.549"	24.00	10.43
11/16"	.040"	7 1/2"	.549"	24.00	10.43
23/32"	.040"	7 1/2"	.549"	24.00	10.43
3/4"	.050"	8"	.655"	24.30	10.71
25/32"	.050"	8"	.655"	24.30	10.71
13/16"	.050"	8"	.655"	24.30	10.71
27/32"	.050"	8"	.655"	24.30	10.71
7/8"	.050"	9"	.7415"	25.00	11.43
29/32"	.050"	9"	.7415"	25.00	11.43
15/16"	.050"	9"	.7415"	25.00	11.43
31/32"	.050"	9"	.7415"	25.00	11.43
1"	.055"	9"	.850"	25.71	12.14
1 1/32"	.055"	9"	.850"	25.71	12.14
1 1/16"	.055"	9"	.850"	25.71	12.14
1 3/32"	.055"	9"	.950"	31.71	14.29
1 1/8"	.055"	9"	.950"	31.71	14.29
1 5/32"	.055"	9"	.950"	31.71	14.29
1 3/16"	.055"	9"	.950"	31.71	14.29
1 7/32"	.055"	10"	1.110"	38.43	17.14
1 1/4"	.055"	10"	1.110"	38.43	17.14
1 1/2"	.055"	10"	1.110"	38.43	17.14
1 5/16"	.055"	10"	1.110"	38.43	17.14
1 11/32"	.055"	10"	1.110"	38.43	17.14
1 3/8"	.055"	10"	1.110"	38.43	17.14
1 13/32"	.055"	10"	1.110"	38.43	17.14
1 7/16"	.055"	10"	1.110"	38.43	17.14
1 15/32"	.060"	11"	1.360"	43.00	19.29
1 1/2"	.060"	11"	1.360"	43.00	19.29
1 9/16"	.060"	11"	1.360"	43.00	19.29
1 5/8"	.060"	11"	1.360"	45.87	22.42
1 11/16"	.060"	11"	1.360"	45.87	22.42
1 3/4"	.060"	11"	1.360"	48.71	24.00
1 13/16"	.060"	11"	1.360"	48.71	24.00

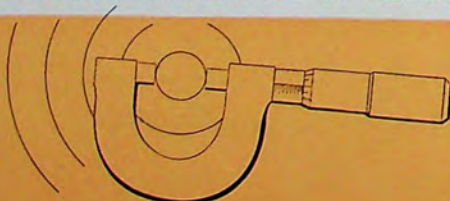
Special blade diameters—lead pilot O. D.—follow sleeve pilot O. D.—and square tang shank O. D. made to your specifications at small additional charge.

COIL  
SPRING  
ADJUSTMENT

FOR  
PILOT  
LENGTH  
SEE  
COL. 3



TYPE  
ALP



**LEMPCO**

BEDFORD, OHIO, U. S. A.



# LONG PILOT ALIGNMENT MACHINE REAMERS, TYPE RLP

Specify  
**LEMPco**  
**TYPE RLP**

With Straight or  
Tapered Shank  
when ordering

## SIZE and PRICE, F.O.B. FACTORY

Size	Expansion	Pilot Length	Pilot O. D. Diameter	Net Price Straight Shank	Net Price Morse Taper Shank	Standard Morse Taper
1/2"	.035"	7"	.436"	\$30.50	\$35.50	No. 1
17/32"	.035"	7"	.436"	30.50	35.50	No. 1
9/16"	.035"	7"	.436"	30.50	35.50	No. 1
19/32"	.035"	7"	.436"	30.50	35.50	No. 1
5/8"	.040"	7 1/2"	.549"	31.50	36.50	No. 2
21/32"	.040"	7 1/2"	.549"	31.50	36.50	No. 2
11/16"	.040"	7 1/2"	.549"	31.50	36.50	No. 2
23/32"	.040"	7 1/2"	.549"	31.50	36.50	No. 2
3/4"	.050"	8"	.655"	31.50	36.50	No. 2
25/32"	.050"	8"	.655"	31.50	36.50	No. 2
13/16"	.050"	8"	.655"	31.50	36.50	No. 2
27/32"	.050"	8"	.655"	31.50	36.50	No. 2
7/8"	.050"	9"	.7415"	33.50	38.50	No. 3
29/32"	.050"	9"	.7415"	33.50	38.50	No. 3
15/16"	.050"	9"	.7415"	33.50	38.50	No. 3
31/32"	.050"	9"	.7415"	33.50	38.50	No. 3
1"	.055"	9"	.850"	34.21	39.21	No. 3
1 1/32"	.055"	9"	.850"	34.21	39.21	No. 3
1 1/16"	.055"	9"	.850"	34.21	39.21	No. 3
1 3/32"	.055"	9"	.950"	42.21	47.21	No. 3
1 1/8"	.055"	9"	.950"	42.21	47.21	No. 3
1 5/32"	.055"	9"	.950"	42.21	47.21	No. 3
1 3/16"	.055"	9"	.950"	42.21	47.21	No. 3
1 7/32"	.055"	10"	1.110"	50.93	55.93	No. 4
1 1/4"	.055"	10"	1.110"	50.93	55.93	No. 4
1 9/32"	.055"	10"	1.110"	50.93	55.93	No. 4
1 5/16"	.055"	10"	1.110"	50.93	55.93	No. 4
1 11/32"	.055"	10"	1.110"	50.93	55.93	No. 4
1 3/8"	.055"	10"	1.110"	50.93	55.93	No. 4
1 13/32"	.055"	10"	1.110"	50.93	55.93	No. 4
1 7/16"	.055"	10"	1.110"	50.93	55.93	No. 4
1 15/32"	.060"	11"	1.360"	56.25	61.25	No. 4
1 1/2"	.060"	11"	1.360"	56.25	61.25	No. 4
1 9/16"	.060"	11"	1.360"	56.25	61.25	No. 4
1 5/8"	.060"	11"	1.360"	59.12	64.12	No. 4
1 11/16"	.060"	11"	1.360"	59.12	64.12	No. 4
1 3/4"	.060"	11"	1.360"	61.96	66.96	No. 4
1 13/16"	.060"	11"	1.360"	61.96	66.96	No. 4

Extra blades are same price as Type ALP.

Special blade diameters—lead pilot O. D.—follow sleeve pilot O. D.—and square tang shank O. D. made to your specifications at small additional charge.

POSITIVE  
LOCK-NUT  
ADJUSTMENT

FOR  
PILOT  
LENGTH  
SEE  
COL. 3



TYPE RLP  
TAPER  
SHANK



TYPE RLP—STRAIGHT SHANK



*Complete Your Reaming  
Equipment with the  
New Improved Lempco*

## **REAMER DRIVE**

The use of a Lempco Reamer Drive will complete your reaming equipment. Ball bearing mounted worm and gear assures smooth quiet operation at all speeds. Its sturdy compact construction and smooth operation will enable you to ream quickly and accurately. Three speeds...controlled by foot switch for greater convenience.

MODEL RF Jr.  
REAMER DRIVE



*Foot Switch*

### *Specifications*

Model RF Jr. (illustrated) Three speeds of 25, 45 and 75 R.P.M. Equipped with 2-jaw chuck, round capacity  $\frac{1}{4}$  to  $1\frac{1}{2}$  inch inclusive. Includes  $\frac{1}{4}$  h. p. split phase motor for either 50 or 60 cycle, 110 volts, single phase.



# Lempco Reamers Solve Another Difficult Production Problem For Aircraft Manufacturer!



## GUNMAKER SPEEDS UP PRODUCTION 443<sup>0</sup>/<sub>0</sub>

They used to finish 33 gas cylinders per hour to  $+.000"$  and  $-.0005"$  tolerances. Now, with Lempco-Evans Hi-Speed Steel Reamers, 133 gas cylinders are finished per hour. Furthermore, the excessive and costly wear on the plug gauges, caused by abrasive left in the holes, has been completely eliminated. A minimum of 1000 pieces are reamed before the removable blade segments require resharpener, which is done easily and economically. If you finish holes in aluminum, bronze, iron, steel, or nickel alloys, it will likely pay you to switch to Lempco-Evans Reamers. Send blueprints for special jobs.

**LEMPCO**  
BEDFORD, OHIO, U. S. A.



(Name of Company Censored)  
AIRCRAFT DIVISION

October 7, 1943

Lempco Products Inc  
Dunham Road  
Bedford, Ohio

Dear Sirs:

We appreciate the fact that you are snowed under with high priority business -- but we need the **1 1/2"** Lempco standard hand reamers very badly. It actually is a very serious situation in respect to a hole in the fork on the tailwheel assembly for the Mosquito Bomber. We have been battling with this thing for seven or eight months and the Lempco reamers have given us a solution to a problem which was, as production increased, getting more difficult.

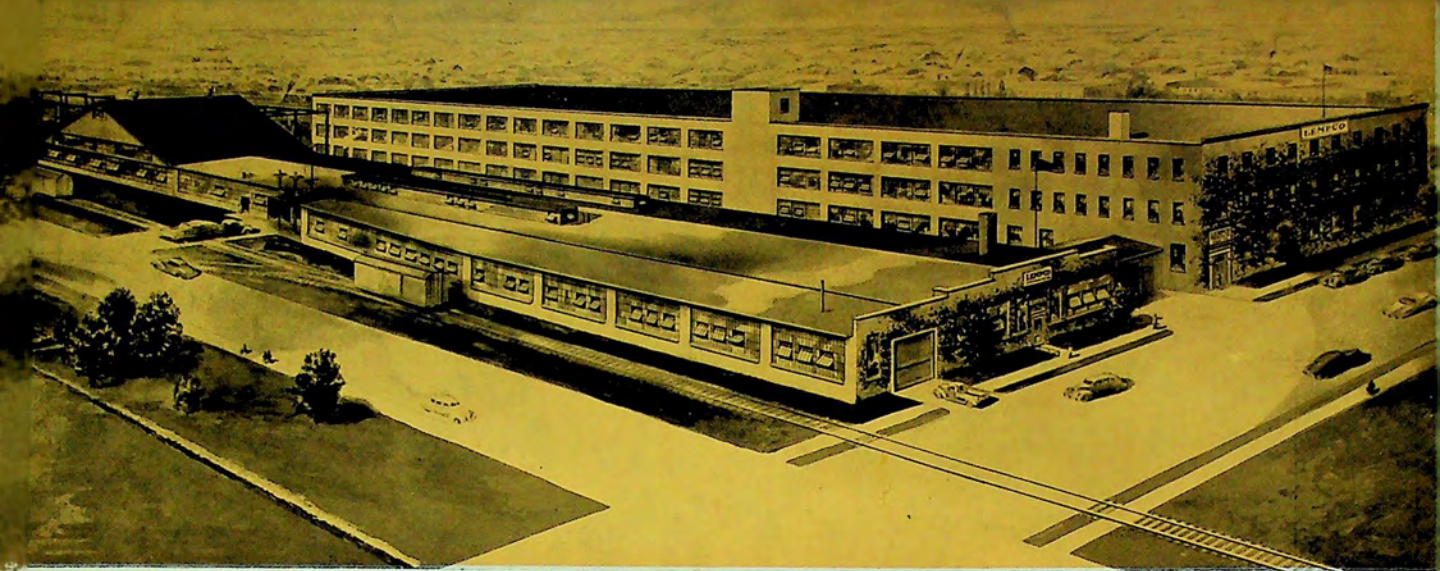
We are wondering if you would be kind enough to wire us on receipt of this letter. (which we are sending Airmail), as to the possibilities because it is really a vital situation. If we get these **1 1/2"** reamers we will have our prime bushing hole in the tailwheel fork under control.

Thanks indeed for your cooperation

Yours very truly,  
THE (CENSORED) CORPORATION  
R. W. P. ...., President  
Aircraft Division

Reprinted here are two of the many testimonials from satisfied users of Lempco Reamers. Check your production problems—Lempco may be a decisive factor for increased production and efficiency.





**THE FACTORY BEHIND THE PRODUCT**

*Established in 1919*

F. W. COOPER CO.  
Exclusive Representatives  
1903 SOUTH AVE.  
Ph. 2-9846 SYRACUSE 7, N.Y.

**LEMPCO**

BEDFORD, OHIO, U. S. A.