

# Flexolap® Sets | Midget Laps

## Flexolap® Sets

### BARREL AND BLIND HOLE



#### Flexolap Set BL-6, or BH-6

DESCRIPTION	ITEM NUMBER
Barrel Lap Set	BL-6
Blind Hole Lap Set	BH-6

Includes six complete laps, one of each size  $\frac{3}{16}$ ,  $\frac{1}{4}$ ,  $\frac{5}{16}$ ,  $\frac{3}{8}$ ,  $\frac{7}{16}$ ,  $\frac{1}{2}$  and one additional Brass Lapping Cylinder of each size.

#### Flexolap Set BL-11, or BH-11

DESCRIPTION	ITEM NUMBER
Barrel Lap Set	BL-11
Blind Hole Lap Set	BH-11

Includes 11 laps, one of each size  $\frac{3}{16}$ ,  $\frac{7}{32}$ ,  $\frac{1}{4}$ ,  $\frac{9}{32}$ ,  $\frac{5}{16}$ ,  $\frac{11}{32}$ ,  $\frac{3}{8}$ ,  $\frac{13}{32}$ ,  $\frac{7}{16}$ ,  $\frac{15}{32}$ ,  $\frac{1}{2}$ .

#### Flexolap Set BL-13, or BH-13

DESCRIPTION	ITEM NUMBER
Barrel Lap Set	BL-13
Blind Hole Lap Set	BH-13

Includes 13 laps, one of each size  $\frac{3}{16}$ ,  $\frac{1}{4}$ ,  $\frac{5}{16}$ ,  $\frac{3}{8}$ ,  $\frac{7}{16}$ ,  $\frac{1}{2}$ ,  $\frac{9}{16}$ ,  $\frac{5}{8}$ ,  $\frac{11}{16}$ ,  $\frac{3}{4}$ ,  $\frac{7}{8}$ ,  $\frac{15}{16}$ ,  $1''$ .

#### Flexolap Set BL-18, or BH-18

DESCRIPTION	ITEM NUMBER
Barrel Lap Set	BL-18
Blind Hole Lap Set	BH-18

Includes 18 laps, one of each size  $\frac{3}{16}$ ,  $\frac{7}{32}$ ,  $\frac{1}{4}$ ,  $\frac{9}{32}$ ,  $\frac{5}{16}$ ,  $\frac{11}{32}$ ,  $\frac{3}{8}$ ,  $\frac{13}{32}$ ,  $\frac{7}{16}$ ,  $\frac{15}{32}$ ,  $\frac{1}{2}$ ,  $\frac{9}{16}$ ,  $\frac{5}{8}$ ,  $\frac{11}{16}$ ,  $\frac{3}{4}$ ,  $\frac{7}{8}$ ,  $\frac{15}{16}$ ,  $1''$ .



## Midget Laps

### FOR ACCURATELY LAPPING SMALL HOLES

D-M-E Midget Laps are ideal for accuracy in lapping small holes from .032" to approximately .250". This complete range is covered by seventeen different sizes and each lap expands to the next larger size. The Midget Lap has an elongated slit like the eye of a needle. With the Lap Expander any desired degree of expansion is quickly and easily obtained. This enables you to have complete flexibility without the danger of seizing.

**NOTE:** Lap Expander is included with all packages and sets.



DIA.	ITEM NUMBER	DIA.	ITEM NUMBER
.032	L-0	.104	L-8
.036	L-1	.120	L-9
.040	L-2	.135	L-10
.046	L-3	.155	L-11
.054	L-4	.170	L-12
.062	L-5	.187	ML-13
.070	L-6	.218	ML-15
.079	L-6A	.250	ML-17
.090	L-7		

L-0 thru ML-17 sold in packages of 10 only.

17 Piece Set (.032-.250)	MLS-1
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#### QUANTITY DISCOUNTS:

Discounts apply to current Net Prices. Discount applies to quantities of same size Midget Lap.

10 packs or more ..... Less 20%

# Flexolaps®

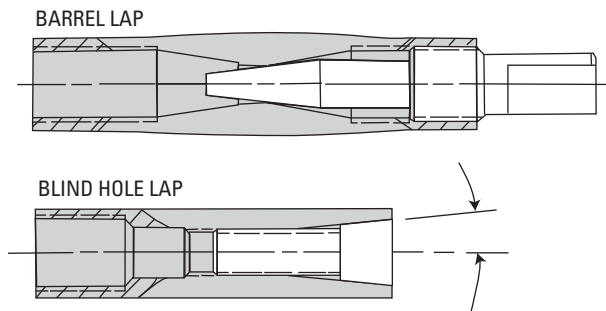


BARREL LAP

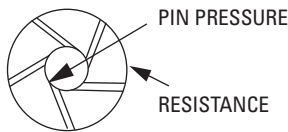


BLIND HOLE LAP

D-M-E Flexolaps are instantly and accurately adjustable for fast cutting and polishing. D-M-E branches carry all the sizes listed below in stock for immediate delivery in either the barrel or blind-hole style. The longer cylindrical lapping surface and easy adjustment insure greater precision and longer life. The Flexolap brass cylinder, in either the barrel or blind-hole type, is made with a series of longitudinal slots milled "off-center" to permit sensitive expansion up to 15% by simply turning the adjusting screw. This construction will enable you to lap rounder, straighter holes plus save valuable time.



BACK TAPER TO INSURE DIAMETRAL CONTACT AT FRONT END OF LAP



Flexolap's patented design provides off-center pressure with the slight "give" that eliminates galling and seizing under even the fastest cutting action.

### LAPPING CYLINDERS\*



BARREL



BLIND HOLE

\*Package Quantities  
 LB-13 to 37 (BH) = 10  
 LB-39 to 47 (BH) = 5  
 LB-49 to 55 (BH) = 3

**NOTE:** Lapping Cylinders sold only in package quantities listed.

### COMPLETE ASSEMBLIES

BARREL LAPS		BLIND HOLE LAPS	
DIA.	ITEM NUMBER	DIA.	ITEM NUMBER
3/16	L-13	3/16	L-13-BH
7/32	L-15	7/32	L-15-BH
1/4	L-17	1/4	L-17-BH
9/32	L-19	9/32	L-19-BH
5/16	L-21	5/16	L-21-BH
11/32	L-23	11/32	L-23-BH
3/8	L-25	3/8	L-25-BH
13/32	L-27	13/32	L-27-BH
7/16	L-29	7/16	L-29-BH
15/32	L-31	15/32	L-31-BH
1/2	L-33	1/2	L-33-BH
9/16	L-35	9/16	L-35-BH
5/8	L-37	5/8	L-37-BH
11/16	L-39	11/16	L-39-BH
3/4	L-41	3/4	L-41-BH
7/8	L-45	7/8	L-45-BH
15/16	L-46	15/16	L-46-BH
1	L-47	1	L-47-BH
1 1/8	L-49	1 1/8	L-49-BH
1 1/4	L-51	1 1/4	L-51-BH
1 1/2	L-55		

### REPLACEMENT PARTS

SIZE (DIA.)	FOR USE WITH LAP	LAPPING CYLINDERS		ADJUSTING SCREWS		SHANKS
		BARREL	BLIND HOLE	BARREL	BLIND HOLE	
3/16	L-13 (BH)	LB-13	LB-13-BH	LAS316B	LAS316BH	2027E
7/32	L-15 (BH)	LB-15	LB-15-BH	LAS732B	LAS732BH	2028E
1/4	L-17 (BH)	LB-17	LB-17-BH	LAS14B	LAS14BH	2029E
9/32	L-19 (BH)	LB-19	LB-19-BH	LAS932B	LAS932BH	2030E
5/16	L-21 (BH)	LB-21	LB-21-BH	LAS516B	LAS516BH	2031E
11/32	L-23 (BH)	LB-23	LB-23-BH	LAS1132B	LAS1132BH	2032E
3/8	L-25 (BH)	LB-25	LB-25-BH	LAS38B	LAS38BH	2033E
13/32	L-27 (BH)	LB-27	LB-27-BH	LAS1332B	LAS1332BH	2034E
7/16	L-29 (BH)	LB-29	LB-29-BH	LAS1532B	LAS716BH	2035E
15/32	L-31 (BH)	LB-31	LB-31-BH	LAS1532B	LAS1532BH	2036E
1/2	L-33 (BH)	LB-33	LB-33-BH	LAS12B	LAS12BH	2037E
9/16	L-35 (BH)	LB-35	LB-35-BH	LAS916B	LAS916BH	2039E
5/8	L-37 (BH)	LB-37	LB-37-BH	LAS58B	LAS58BH	
11/16	L-39 (BH)	LB-39	LB-39-BH		LAS1116BH	
3/4	L-41 (BH)	LB-41	LB-41-BH		LAS34BH	
7/8	L-45 (BH)	LB-45	LB-45-BH		LAS78BH	
15/16	L-46 (BH)	LB-46	LB-46-BH		LAS1516BH	
1	L-47 (BH)	LB-47	LB-47-BH	LAS1BH	2045E	
1 1/8	L-49 (BH)	LB-49	LB-49-BH	LAS118B		LAS3118BH
1 1/4	L-51 (BH)	LB-51	LB-51-BH			
1 1/2	L-55	LB-55	—	LAS112B	—	2047E