

Lab Mills™ 3/32" Shank Diameter – 1-5/8" Overall Length

Lab Mills are made in nine shapes to accomplish almost any small milling operation. Each shape is offered in six different head diameters. Specify shape and diameter when ordering. Set No. 60, EDP# 29666 (pictured above) – 12 tools of selected shapes and sizes (3/32" and 3/16" diameters). Ideal for small and micro part milling, deburring, and finishing. Severance Lab Mills™ are manufactured of high quality High Speed Steel and will outlast several ordinary dental lab style burrs with the added advantage that Severance Lab Mills™ can be reground to as good as new many times. Lab Mills™ speed production for manufacturers of jewelry, diesel injectors, aircraft parts, die castings, dies, molds, electronic equipment, medical components, dental lab, missile and space components, exc.



High Speed Steel
Lab Mills™

Head Dia.	Flute Length	Nose Point, Flat, or Radius	Severance Tool Name	EDP Order Number
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Ball

1/16"	.047"	-	LM1-062	22620
3/32"	.078"	-	LM1-093	22621
1/8"	.094"	-	LM1-125	22622
3/16"	.88"	-	LM1-187	22623
1/4"	.250"	-	LM1-250	22624
5/16"	.313"	-	LM1-312	22625

Cone, Pointed Nose, 25° C/L Angle

1/16"	.081"	-	LM2-062	22626
3/32"	.122"	-	LM2-093	22627
1/8"	.162"	-	LM2-125	22628
3/16"	.244"	-	LM2-187	22629
1/4"	.325"	-	LM2-250	22630
5/16"	.407"	-	LM2-312	22631

Wheel (Saw)

1/16"	.016"	-	LM3-062	22632
3/32"	.019"	-	LM3-093	22633
1/8"	.032"	-	LM3-125	22634
3/16"	.046"	-	LM3-187	22635
1/4"	.062"	-	LM3-250	22636
5/16"	.078"	-	LM3-312	22637

Bud Shape

1/16"	.087"	-	LM4-062	22638
3/32"	.130"	-	LM4-093	22639
1/8"	.178"	-	LM4-125	22640
3/16"	.261"	-	LM4-187	22641
1/4"	.348"	-	LM4-250	22642
5/16"	.435"	-	LM4-312	22643

Pear Shape

1/16"	.100"	-	LM5-062	22644
3/32"	.150"	-	LM5-093	22645
1/8"	.206"	-	LM5-125	22646

Head Dia.	Flute Length	Nose Point, Flat, or Radius	Severance Tool Name	EDP Order Number
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Pear Shape CONTINUED

3/16"	.300"	-	LM5-187	22647
1/4"	.400"	-	LM5-250	22648
5/16"	.500"	-	LM5-312	22649

Tree, Rounded Nose

1/16"	.125"	.018"	LM6-062	22650
3/32"	.188"	.025"	LM6-093	22651
1/8"	.250"	.031"	LM6-125	22652
3/16"	.375"	.047"	LM6-187	22653
1/4"	.500"	.062"	LM6-250	22654
5/16"	.625"	.078"	LM6-312	22655

Inverted Cone

1/16"	.063"	-	LM7-062	22656
3/32"	.094"	-	LM7-093	22657
1/8"	.125"	-	LM7-125	22658
3/16"	.188"	-	LM7-187	22659
1/4"	.250"	-	LM7-250	22660
5/16"	.313"	-	LM7-312	22661

Flame

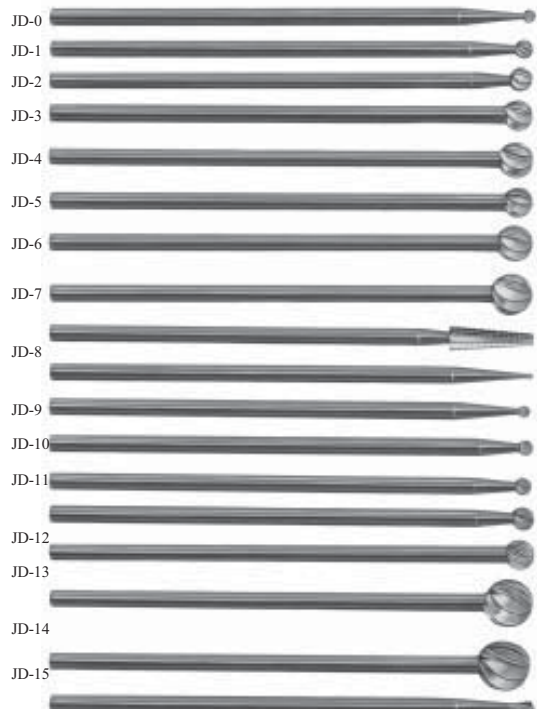
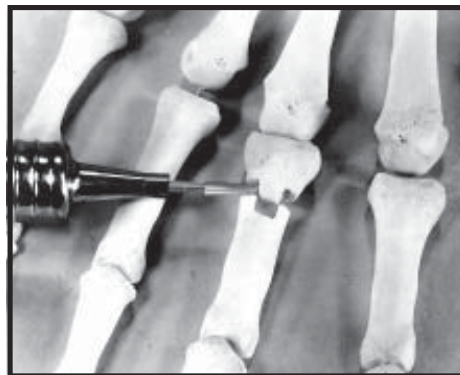
1/16"	.126"	-	LM8-062	22662
3/32"	.188"	-	LM8-093	22663
1/8"	.256"	-	LM8-125	22664
3/16"	.375"	-	LM8-187	22665
1/4"	.500"	-	LM8-250	22666
5/16"	.625"	-	LM8-312	22667

CYLINDER, Plain End

1/16"	.188"	-	LM9-062	22668
3/32"	.281"	-	LM9-093	22669
1/8"	.375"	-	LM9-125	22670
3/16"	.563"	-	LM9-187	22671
1/4"	.750"	-	LM9-250	22672
5/16"	.688"	-	LM9-312	22673

High Speed Steel Extra Length Lab Mills™ 3/32" Shank Diameter – 2-1/2" Overall Length

Ideal for small and micro part deburring and finishing.
Also known as: "Surgical Mills", or "Jordan Day™ Mills".



See Page 83 for our popular 12 piece Set No. 80 (EDP# 29680)

Head Diameter		Number of Teeth	Group Nomenclature	Severance Tool Name	EDP Order Number
Inches	MM				
.062"	1.6	6	Cutting Mills	JD-0	34310
.093"	2.4	6	Cutting Mills	JD-1	34311
.125"	3.2	6	Cutting Mills	JD-2	34312
.156"	4.0	6	Cutting Mills	JD-3	34313
.187"	4.7	6	Cutting Mills	JD-4	34314
.156"	4.0	8	Cutting Mills	JD-5	34315
.187"	4.7	8	Cutting Mills	JD-6	34316
.218"	5.5	8	Cutting Mills	JD-7	34317
.125"	3.2	8	Penetrating Mills	JD-8	34320
.039"	1.0	12	Polishing Mills	JD-9	34322
.059"	1.5	16	Polishing Mills	JD-10	34323
.078"	2.0	18	Polishing Mills	JD-11	34324
.090"	2.3	20	Polishing Mills	JD-12	34325
.118"	3.0	20	Polishing Mills	JD-13	34326
.156"	4.0	25	Polishing Mills	JD-14	34327
.250"	6.4	8	Cutting Mills	JD-15	34318
.281"	7.1	8	Cutting Mills	JD-16	34319
.078"	2.0	2	Penetrating Mills	JD-25	34321



High Speed Steel Ball Nose Deburring Cutters 1/4" Shank Diameter

The **Plain** style is ideal for use in portable power tools for deburring holes as shown in the table. They produce approximately a 45° chamfer. When thrusting the tool into the hole at an angle, a large area of the mill is useful and not just a narrow circle.

The style **With Guide** is especially suited for deburring of oil holes in crankshafts because the guide on the end prevents the mill from slipping out of the hole and marring the bearing surface.

Plain		With Guide	
Head Dia.	Hole Size	Severance Tool Name	EDP Order Number
3/16"	1/8"	BBC	00240
1/4"	3/16"	CBC	00241
3/8"	1/4"	ECC	00242
1/2"	3/8"	GDC	00243
5/8"	7/16"	IEC	00244
		Severance Tool Name	EDP Order Number
		BBC-G	00245
		CBC-G	00246
		ECC-G	00247
		GDC-G	00248
		IEC-G	00249