

ATKINS

SILVER STEEL

WOOD CUTTING CIRCULAR SAWS

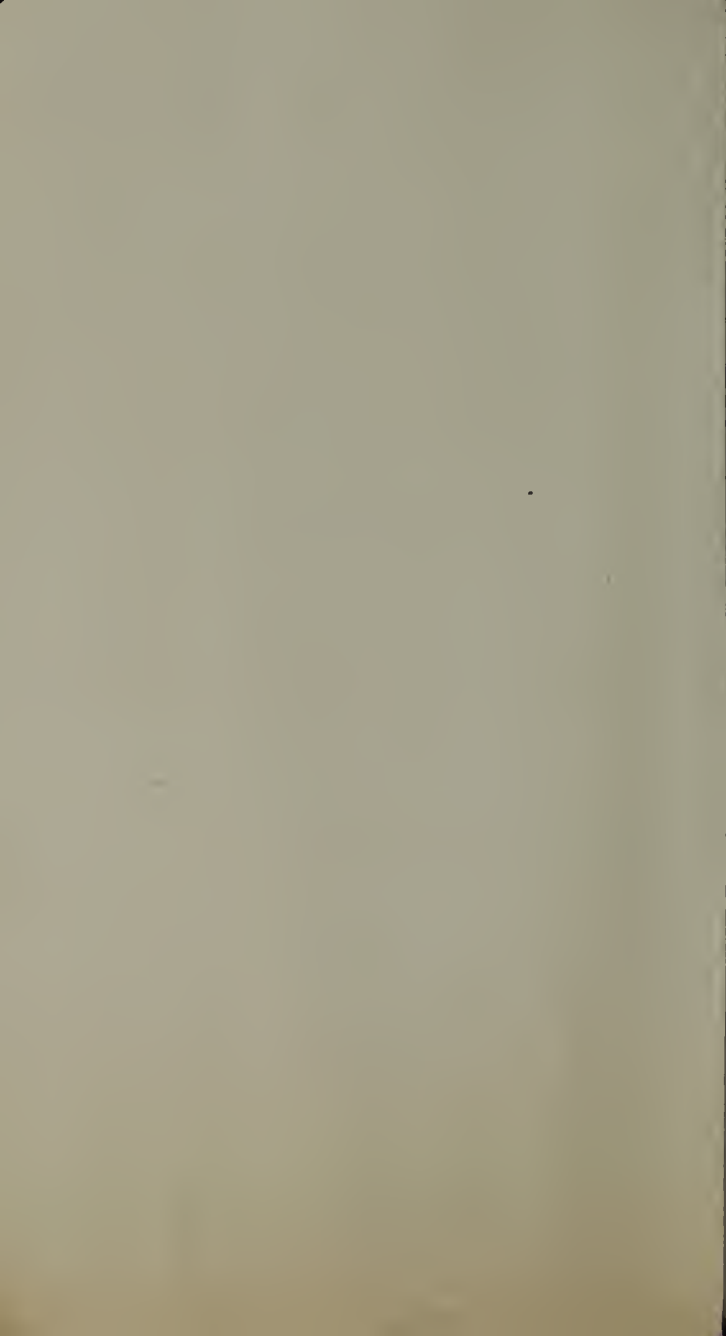


STOCK ITEMS
AND
W.P.B. No. L326

LIMITATION LIST OF
NOVEMBER 23, 1943

E. C. ATKINS AND COMPANY

INDIANAPOLIS 9, INDIANA



WOOD CUTTING CIRCULAR SAWS

Limitation Order L-326

Non confirming saws may not be delivered or shipped by Producer after May 23rd, 1944.

EXEMPTIONS

The following are exempt from the restrictions established by this schedule:

- 1—Inserted Tooth saws.
- 2—Segment saws.
- 3—Solid Tooth circular saws less than 5" in diameter which are $\frac{1}{8}$ " or less thick.
- 4—Fillers for Dado Heads which are already in use on November 23rd, 1943.
- 5—Concave saws and Chamfering saws for use with Concave saws.
- 6—Lock Corner Cutters.
- 7—Beveled Lock Corner Fillers.

TOLERANCES

Gauges given herein are Birmingham or Stubbs wire gauges.

Flat ground saws:

- 38" in diameter and less: plus or minus $\frac{1}{2}$ gauge.
- Over 38" in diameter: Rim-plus or minus $\frac{1}{2}$ gauge.
- Center-plus one gauge minus .010".

Shingle, Heading, Head or Log saws and Resaws:

- Rim-plus or minus $\frac{1}{2}$ gauge.
- Center-plus one gauge and minus .010".

Hollow ground saws:

- Rim-plus or minus $\frac{1}{2}$ gauge.
- Thinnest circle-plus or minus $\frac{1}{2}$ gauge.
- Collar-plus 2 gauges minus $\frac{1}{2}$ gauge.

Diameter Tolerances: (Except where otherwise provided).

- 24" in diameter and less-plus or minus $\frac{1}{8}$ ".
- Over 24" in diameter-plus or minus $\frac{3}{16}$ ".

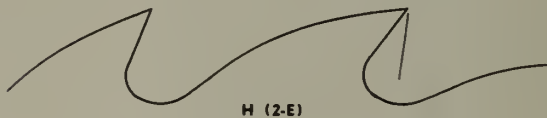
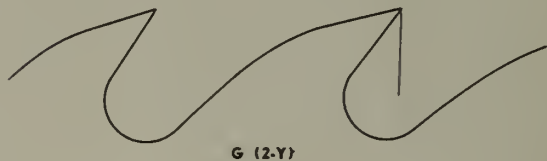
Cut-in-half saws. Any rip, cut off, or smooth trimmer saw may be furnished cut in half, with or without collar.

Slots. The rims of any saws may be provided with expansion slots.

Saws in **Red type** are stock sizes and are generally carried in stock.

STANDARD CIRCULAR SAW TEETH

SHOWN ONE-HALF ACTUAL SIZE

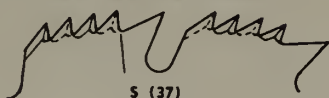


STANDARD CIRCULAR SAW TEETH

SHOWN ONE-HALF ACTUAL SIZE



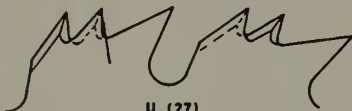
Q (Mc Kom)



S (37)



T (6)



U (27)



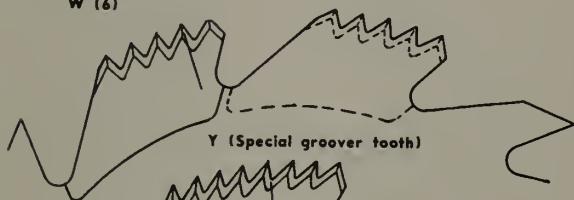
V (6)



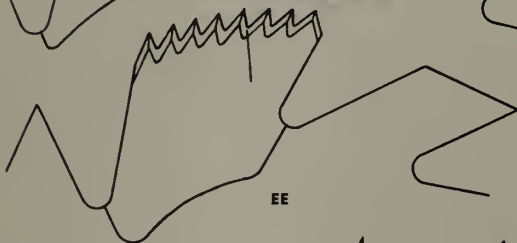
X (6)



W (6)



Y (Special groover tooth)



EE



DD (Common groover tooth)



FF (Lothe)



BB



CC

Rip Saws. "A" Teeth.*

Dia.	Gauge	No. Teeth	Dia.	Gauge	No. Teeth
4"	19	40	12"	14	24, 30, 36, 56
6"	13	20	12"	16	36, 44
6"	14	12, 30	12"	18	36
6"	16	36	12"	20	44
6"	18	36, 40	13"	12	24
6"	22	24, 30	13"	13	20
6½"	18	36	14"	10	20D, 24D, 30D, 36
7"	13	10, 20	14"	11	30D
7"	14	20, 30	14"	12	20D, 24D, 30D, 36
7"	18	12, 36, 40	14"	13	20D, 24D, 30D, 36
7"	20	12	14"	14	30D, 36, 44
7½"	18	40	16"	10	30D, 36
8"	12	12, 24	16"	11	36
8"	14	16, 24, 30	16"	12	30D, 36, 50
8"	18	24, 36	16"	13	30D, 36
8"	20	24	16"	14	30D, 36, 40
8½"	16	36	16"	18	24D
9"	12	30	18"	10	30, 36
9"	14	24	18"	12	30, 36
9"	16	30, 36, 40	18"	13	30, 36
9"	18	24	20"	10	30
9"	20	24	20"	12	30, 36, 60B
9½"	10	16	20"	13	36
9½"	14	20	22"	12	36
9½"	16	24	22"	13	20D, 60C
10"	10	20, 30	24"	10	36
10"	12	20, 24, 30, 36	24"	11	36, 60C
10"	13	16, 24, 30	24"	12	60C
10"	14	24, 30, 36	24"	14	60C
10"	16	20, 24, 30, 36	26"	10	36
10"	18	30, 36	26"	11	36
12"	10	20, 24, 30, 40	26"	12	50C
12"	11	24, 30			
12"	12	20, 24, 30, 36			
12"	13	24, 36			

* Furnished with "A" teeth unless otherwise specified.

Saws in Red type are stock sizes and are generally carried in stock.

Stock saws are set and filed.

Rip Saws. (Continued)

Dia.	Gauge	No. Teeth	Dia.	Gauge	No. Teeth
28"	10	36	42"	9	36, 40, 60B
28"	12	60C	42"	10	60B
30"	10	36	44"	8	40
30"	11	60C	44"	9	40, 60B
30"	13	60C	44"	10	60B
32"	10	36, 60B	46"	7x8	40
32"	12	60B	46"	9	40
34"	9	36	48"	7x8	40
34"	10	60B	48"	9	40, 60B
36"	8	28, 70B	50"	7x8	40
36"	9	36	50"	8x9	40, 50
36"	10	36, 60B	52"	6x7	50
36"	11	36	52"	7	60
36"	12	60B	52"	7x8	40
36"	14	60B	52"	8	50, 60B
38"	9	36	52"	8x9	40
38"	10	70B	54"	7x8	50
40"	8	40	54"	8	50, 60B, 80
40"	9	40	54"	8x9	44
40"	10	60B			
42"	7	50			
42"	8	40			

Edger Saws. "H" Teeth.*

Dia.	Gauge	No. Teeth	Dia.	Gauge	No. Teeth
12"	8	20A	22"	7	24, 30
12"	9	24A	22"	8	30
14"	9	30A	24"	6	24, 30
14"	10	24A	24"	7	30, 36
16"	9	24A, 30A	24"	8	30, 36
18"	7	24A, 30A	26"	6	30
18"	8	24, 30	26"	7	30, 36
18"	9	24A, 30A	26"	8	24, 30
20"	7	20, 30	28"	8	30
20"	8	24, 30			
20"	9	30	30"	6	30

* Furnished with "H" Teeth unless otherwise specified.

Saws in Red type are stock sizes and are generally carried in stock.

Head or Log Rip Saws. "G" Teeth.*

Dia.	Gauge	No. Teeth	Dia.	Gauge	No. Teeth
56"	6	80, 90	62"	6x7	90
56"	7	60A, 60B, 70, 80, 90	62"	7	70, 80, 90
56"	7x8	40	62"	7x8	60A, 70, 80
56"	8	50A, 60A, 70, 80	64"	6	80, 90
56"	8x9	40A, 60A, 70	64"	6x7	90
			64"	7	80, 90
			64"	7x8	60A, 80
			64"	8x9	80
60"	6	60, 90	66"	5x6	90
60"	6x7	80, 90	66"	6	60B
60"	7	60B, 80, 90	66"	6x7	80, 90
60"	7x8	40A, 60A, 70, 80, 90	66"	7	60B, 90
60"	8	60A, 70, 80	66"	7x8	60A
60"	8x9	40A, 60A, 70, 80	72"	5	60
			72"	6	60B
			84"	5	60B

* Furnished with "G" Teeth unless otherwise specified.

Shingle & Heading Saws. "A" Teeth**

Dia.	Gauge	No. Teeth	Dia.	Gauge	No. Teeth
36"	9x15	80	46"	5x16	60K
36"	9x17	80	46"	5x17	60K
			46"	7x16	80, 100
38"	8x18	70	48"	5x16	60K
38"	9x16	80, 100	48"	7x15	80, 90
38"	9x17	80, 100	48"	8x14	80, 90
38"	10x18	100			
40"	8x18	70	50"	5x16	60K
40"	9x16	80, 100	50"	7x15	90
40"	9x17	80, 100	52"	7x15	90
40"	10x18	120			
42"	5x16	60K	54"	6x14	100
42"	5x17	60K, 90	54"	7x15	90
42"	6x17	60K, 70	56"	7x14	80, 100
42"	8x15	80, 100	56"	7x15	90
42"	9x16	80, 100	58"	7x15	90
42"	9x17	80, 100			
44"	5x16	60K	60"	6x15	80, 90
44"	5x17	60K	60"	7x15	90
44"	7x16	80, 100	66"	5x15	60K, 80, 90
44"	8x14	80, 100			

** Furnished with "A" Teeth unless otherwise specified.

BRANCH HOUSES

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 CHICAGO ILL
 MEMPHIS TENN
 NEW ORLEANS LA
 NEW YORK N Y
 PORTLAND ORE
 SAN FRANCISCO CAL
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 PARIS FRANCE

E. C. ATKINS AND COMPANY

SHEFFIELD SAW WORKS

SILVER STEEL SAWS

402 SOUTH ILLINOIS ST.

INDIANAPOLIS 9, IND., U.S.A.

GENERAL OFFICES AND FACTORY
 INDIANAPOLIS IND. U S A
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 SHURLY-DIETRICH-ATKINS CO. LTD
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 SALES AGENTS FOR
 AUTOMATIC FILING ROOM MACHINERY

W.P.B. Circular Saw Limitation Order L-326
 Nov. 23, 1943.

Enclosed you will find a copy of the above Limitation Order, covering all types of Circular Wood Cutting Saws.

Read this specification book carefully, especially pages 3, 4 and 5, so that you will fully understand the specifications.

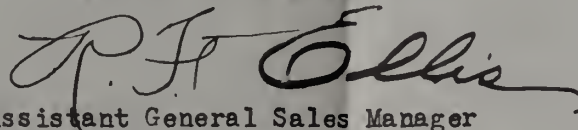
Sizes of the different types of saws listed on pages 6 through 14, meet the Government specifications of this Limitation Order, and those shown in red type are stock sizes and are generally carried in stock for prompt shipment.

If your specifications have been only slightly different from those indicated in red type, it is very likely that you can save time in getting new saws, as well as being able to maintain your production and quality by ordering our stock sizes.

If you would like additional copies of this order, do not hesitate to call upon us.

Yours very truly,

E. C. ATKINS AND COMPANY



Assistant General Sales Manager
 Mill and Industrial Division.



Resaws. "A" Teeth.*

Dia.	Gauge	No. Teeth	Dia.	Gauge	No. Teeth
12"	12x16	60	28"	8x17	88C
12"	13x17	60	28"	9x13	60
14"	12x16	60	28"	9x14	48, 60
14"	13x17	60	30"	7x17	90C
16"	11x15	60	30"	9x13	60
16"	12x16	60	30"	9x14	60
18"	10x19	76C	32"	7x17	100C
18"	11x15	60	32"	8x13	60
18"	12x16	60	32"	9x14	60
20"	10x19	84C	34"	8x13	60
20"	11x15	50, 60	34"	8x14	60
20"	12x15	90L			
20"	12x16	60			
22"	10x14	50, 60	36"	6x16	90C
22"	11x15	50, 60	36"	7x14	60
24"	9x13	60	36"	8x13	60
24"	9x18	76C	38"	7x13	60
24"	10x14	50, 60	38"	8x12	60
26"	9x13	50, 60	40"	7x13	60
26"	9x18	82C	40"	8x12	60
26"	10x14	50, 60			

* Furnished with "A" Teeth unless otherwise specified.

Bolters. (Rip). "A" Teeth

Dia.	Gauge	No. Teeth	Dia.	Gauge	No. Teeth
42"	9x10	40	50"	9x10	40
44"	9x10	40	52"	8x9	40
46"	9x10	40	52"	9x10	44
48"	9x10	40	54"	8x9	44

Glue Joint Rip Saws. "I" Teeth.**

Dia.	Gauge	No. Teeth	Dia.	Gauge	No. Teeth
12"	12	24, 36	14"	12	30, 36
13"	10	24J	16"	11	30, 36
13"	12	30	16"	12	36
14"	10	24	18"	11	36
14"	11	30			

** Furnished with "I" Teeth unless otherwise specified.

Saws in Red type are stock sizes and are generally carried in stock.

Stock saws are set and filed or swaged and shaped.

Cut Off Saws. "L" Teeth.*

Dia.	Gauge	No. Teeth	Dia.	Gauge	No. Teeth
4"	19	88	18"	9	60
5"	18	100	18"	10	60, 76P, 80
6"	16	120	18"	12	60, 80, 100
6"	18	100, 120	18"	13	60, 70, 80, 100
6½"	18	100	20"	8	70
7"	16	100	20"	10	70, 84P, 90
7"	18	100, 110	20"	11	70
7½"	18	100	20"	12	60, 70
8"	14	80	20"	13	80
8"	18	70N, 100, 150	22"	9	60
9"	16	100	22"	10	60
9½"	16	100	22"	11	70, 100
10"	16	100, 150	22"	12	70
10"	18	100, 200	24"	8	70, 100
11"	14	90N	24"	9	80
11"	16	120	24"	10	60, 70, 100
12"	12	70, 100	24"	11	70
12"	14	70, 100, 150	24"	12	80
12"	16	50N, 60N, 120, 180, 200	26"	8	70, 100
12"	20	120	26"	9	70, 80
14"	10	80	26"	10	70, 80
14"	12	100	26"	12	80
14"	13	80, 100, 120	28"	8	80, 100
14"	14	60, 80, 100, 150, 170	28"	9	70, 100
16"	9	80	28"	10	70
16"	11	100	30"	8	70
16"	12	60, 80, 100, 124N	30"	9	70, 80, 90
16"	13	60, 70, 80, 100, 150	30"	10	70
16"	14	60, 70, 80, 100, 124N, 150, 200	32"	7	80
			32"	8	70, 100
			32"	10	70
			32"	11	100
			34"	7	80
			34"	8	70, 80
			34"	9	70
			36"	6	80
			36"	7	70, 80
			36"	8	70, 80
			36"	9	70, 80, 100

* Furnished with "L" Teeth unless otherwise specified.

"L" Tooth saws can also be furnished with "M" teeth if desired.

Saws in Red type are stock sizes and are generally carried in stock.

Stock saws are set and filed.

Cut Off Saws. (Continued)

Dia.	Gauge	No. Teeth	Dia.	Gauge	No. Teeth
38"	6	90	50", 52"	6	90
38"	7	70, 80	50", 52"	7	70
38"	8	80, 90			
38"	9	80, 100	54", 56", 58"	6	100
40"	6	80	54", 56", 58"	7	70
40"	7	80, 90	60", 62", 64"	6	70, 120
40"	8	80	60"	7	100, 120
42"	5	70, 80	66", 68", 70"	5	120
42"	6	80	66", 68", 70"	6	70
42"	7	80, 90			
42"	8	80	72", 74"	5	120
44"	6	90	72", 74"	6	70
44"	8	80, 90			
46"	7	80, 90	76", 78", 80",		
46"	8	80	82", 84"	5	130
48"	6	80			
48"	7	90			
48"	8	70			

Bolters. (Cut Off). "O" Teeth.

Dia.	Gauge	No. Teeth	Dia.	Gauge	No. Teeth
40"	9	60	46"	8	60
42"	9	60	48"	8	70
44"	8	60			

Combination Saws. "S" & "U" Teeth. Flat Ground.

Dia.	Gauge	Teeth	Dia.	Gauge	Teeth
5", 6", 7", 7½"	18	S	16"	13	S, U
8"	18	S, U	16"	14	S
9"	18	S	18"	12	U
9½"	16	S	18"	13	S, U
10"	16	S, U	20"	9, 12	U
11"	16	S	22", 24"	8	U
12", 14"	14	S, U	36"	9	U
14"	13	S, U	44"	7	U

Saws in **Red type** are **stock sizes** and are generally carried in stock.

Stock saws are set and filed.

Combination Saws. "V" Teeth.* Flat Ground.

Dia.	Gauge	No. Teeth	Dia.	Gauge	No. Teeth
5"	18	44	14"	12	36
6", 6½"	18	40, 44	14"	13	36, 44, 88
7"	18	40, 40X, 44, 60T	14"	14	36, 44, 56
7½"	18	44	16"	12	44
8"	16	44, 44W	16"	13	44, 48, 100
8"	18	36, 40, 40X, 44, 60T	16"	14	44, 48, 64
8½"	18	40, 44	18"	11, 12	44
9"	16	44	18"	13	44, 48, 112
9"	20	40X	20"	11	44
9½"	18	44	20"	12	44, 84
10"	13	60	20"	13	44, 48
10"	14	36	22"	11	44
10"	16	36, 40, 44, 84	22"	12	44, 52
10½", 11"	16	44	24"	10	44
12"	14	36, 40, 44, 48, 76	24"	11	44, 60
12½"	14	44	24"	12	76
			26"	11	60
			28", 30", 32"	10	60
			34", 36", 38", 40"	9	60
			42", 44", 46", 48"	8	60

* Furnished with "V" Teeth unless otherwise specified.

Mitre Saw. "L" Teeth.

Dia.	Gauge	No. Teeth	Dia.	Gauge	No. Teeth
6", 7", 8"	16x19x16	150	12"	16x19x16	200
10"	14x17x14	150	14", 16"	12x15x12	200
12"	13x16x13	150	18"	11x14x11	200

"L" Tooth saws can also be furnished with "M" Style teeth if desired.

Thin Rim Saws. ("L", "M", "A", "S" Teeth) 1/16" to 1/4" Tooth Spacing

Diameter	Gauge Rim	Gauge Collar	NOTE: Rim must be at least 4 gauges thinner than collar. Collar must be at least 1/3 the saw diameter.
6" to 18" Inclusive	25 to 14	20 to 9	

Saws in Red type are stock sizes and are generally carried in stock.

Stock saws are set and filed.

Smooth Trimmer Saws. "P" Teeth.*

Dia.	Gauge	No. Teeth	Dia.	Gauge	No. Teeth
8"	14x18x14	100	18"	8x12x 8	150
8"	16x19x16	100T	18"	8x13x 8	90
10"	9x14x 9	120	18"	9x13x 9	150, 180
10"	10x15x10	150	18"	10x14x10	80
10"	13x17x13	100	20"	7x11x 7	100, 130, 150
12"	10x15x10	150	20"	7x12x 7	100
12"	11x15x11	150	20"	8x12x 8	130, 150N, 150, 160
12"	12x16x12	120, 150	22"	6x11x 6	100
13"	5x13x 5	80Q	22"	7x11x 7	180
13"	8x11x 8	60Q	24"	6x10x 6	150, 180
14"	5x13x 5	80Q	24"	6x11x 6	120
14"	8x13x 8	130	24"	7x11x 7	120, 150, 200
14"	10x14x10	70Q, 100, 140	26"	6x10x 6	180
14"	11x15x11	60Q, 120, 140, 150, 170	26"	6x11x 6	130
14"	12x15x12	170N	26"	7x11x 7	110, 160
16"	9x13x 9	130	28"	5x 9x 5	180
16"	10x14x10	130, 150	28"	6x10x 6	118, 170
16"	10x15x10	100	30"	5x 9x 5	130, 150
16"	11x15x11	160			

* "P" Tooth saws can also be furnished with "L" Teeth if desired.

Combination Hollow Ground Saws. "S" Teeth.

Dia.	Gauge	Dia.	Gauge
6", 7"	16x19x16	14"	12x15x14x12
7", 7½", 8"	14x17x14	14"	13x16x15x13
8"	14x16x14	16"	9x13x11x9
8"	14x17x16x14	16"	10x14x12x10
9", 10"	14x17x14	16"	11x14x13x11
10"	12x16x14x12	16"	12x15x14x12
10"	13x15x13	16"	13x16x15x13
10"	13x16x15x13	18"	9x13x11x9
11"	13x16x15x13	18"	10x13x12x10
12"	12x15x14x12	18"	11x14x13x11
12"	13x16x15x13	18"	12x15x14x12
14"	9x13x11x9	20"	10x13x12x10
14"	10x13x12x10	24"	9x12x9
14"	11x14x13x11		

Saws in Red type are stock sizes and are generally carried in stock.

Dado Heads.

Outside Cutters—.120" gauge. "Y" Teeth.

Inside Cutters. (Fillers)— $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{1}{4}$ " gauges.

"BB"-Teeth—6" and 8" diameters.

"CC"-Teeth—All other diameters.

Diameters—5", 6", 7", 8", 9", 10", 11", 12", 14", 16", 18".

Common Tooth Grooving Saws.

"DD" Teeth.

Diameter	Gauge	No. Teeth
3"-14", Inclusive	$\frac{1}{8}$ "- $\frac{5}{8}$ ", Inclusive	6, 8, 10, 12

Special Tooth Solid Plate Groover.

"Y" Teeth.

Diameter	Gauge
3"-14", Inclusive	$\frac{1}{8}$ "- $\frac{5}{8}$ ", Inclusive
5", 6", 7", 8", 9", 10", 12"	$\frac{3}{8}$ ", $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ "

End Matchers. "EE" Teeth

Diameter	Gauge
6", 7", 8", 10", 12", 14", 16"	$\frac{1}{8}$ "- $\frac{5}{8}$ ", Inclusive

Lathe Saws. "FF" Teeth. 28 Teeth.

Dia.	Gauge
8"	9
9"	8
10", 11"	7
12"	6
13"	1, 3, 4, 6
14"	$\frac{3}{8}$ ", 1, 2, 3, 4, 5, 6
15", 16"	5

Clothes Pin Saws.

Dia.	Gauge	No. Teeth
12"	12	40 "L"
14"	11	40 "X"
14:	9	4 Sections: 6 "A" Teeth and 1 "L" Tooth

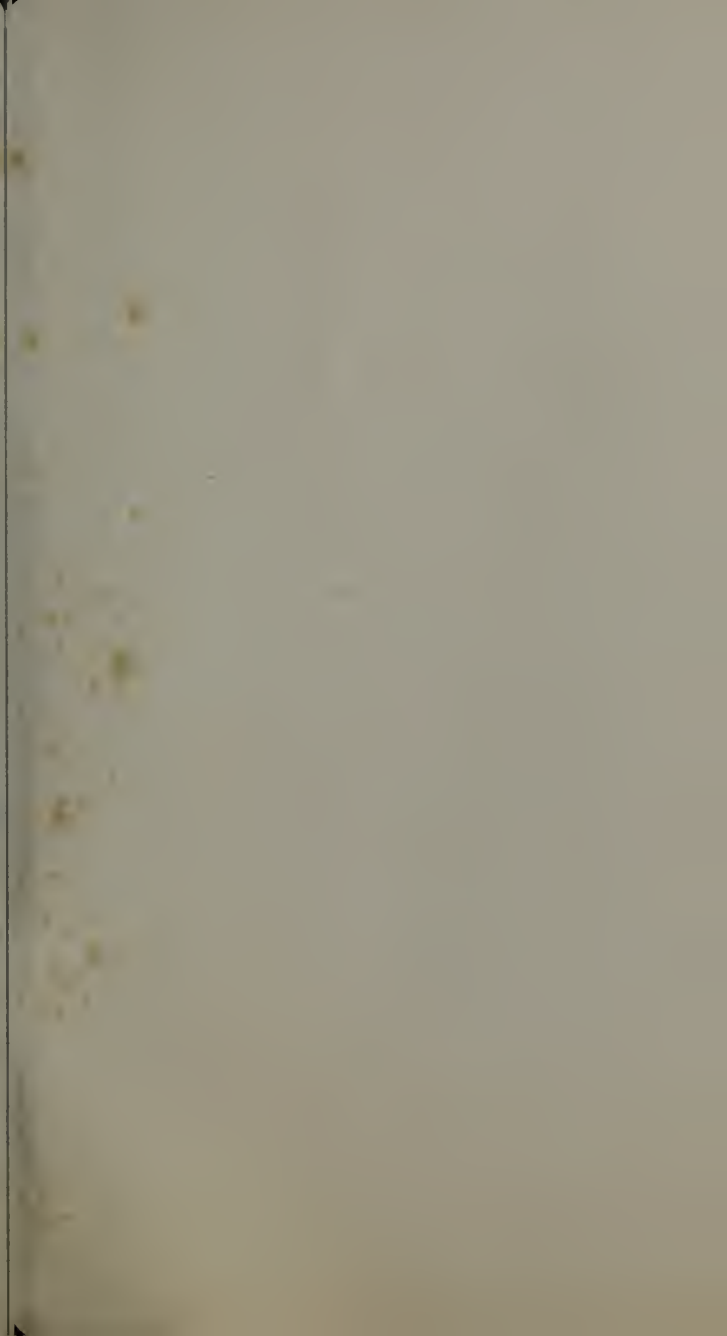
Feed Spurs. "M" Teeth.

Diameter	Gauge	Tooth Spacing
3"-8", Inclusive	$\frac{3}{32}$ ", $\frac{1}{8}$ ", $\frac{5}{32}$ "	$\frac{5}{16}$ "- $\frac{7}{8}$ ", Inclusive

Formed Tooth Cutters.

Diameter	Gauge
3 $\frac{1}{2}$ "-20", Inclusive	$\frac{3}{32}$ "-1 $\frac{1}{4}$ ", Inclusive

Saws in Red type are stock sizes and are generally carried in stock.



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