

**TOOLING SYSTEMS INC.**

**SKARPLAN**

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Skarpaz blades are made with state of the art manufacturing equipment and production techniques using the finest saw materials available. All Skarpaz blades feature the following qualities.

Laser cut saw bodies designed on an in-house computer aided design system cut from world class European alloy tool steel.

European C-3, sub micron corrosion resistant, or specialty grades for maximum edge and tool life.

Every saw plate is surface ground for an exceptionally flat plate.

Every blade is individually roll and hammer tensioned by skilled hammer smiths.

Tri-Metal brazing of carbide tips on fully automated induction brazing machines.

Honed arbor holes to H-7 tolerance to ensure precise arbor fit.

Precision sharpening on automatic CNC machines ensuring accurate and consistent cutting angles.

## HOOK + TOOTH STYLE

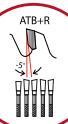
## GENERAL APPLICATION

LCR: -5 degree hook + 30 degree top bevel



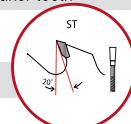
Double sided laminates

ATB+R: 0 to -2 hook + alternate top bevels + raker tooth



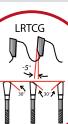
Mitering picture frame moldings

ST: 20 degree hook + square top



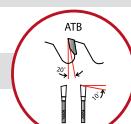
Rip cuts in solid wood

LRTCG: 0 to -5 hook + three alternately chamfered teeth



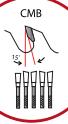
Non ferrous metal

ATB: -5 to 20 hook + alternate top bevels



Rip and cross cuts in solid wood

CMB: 15 degree hook + alternate top bevels + raker tooth



Rip and cross cuts in solid wood

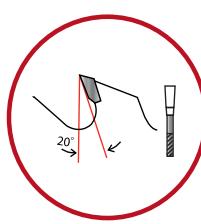
TCG: -5 hook to 20 hook + triple chip grind



Non ferrous, plastics, laminates, hardwoods

## HOOK ANGLES

For blades to achieve their optimum performance, the appropriate hook angle and tooth grind must be considered. In the following pages, hook angle and tooth style will be listed together.

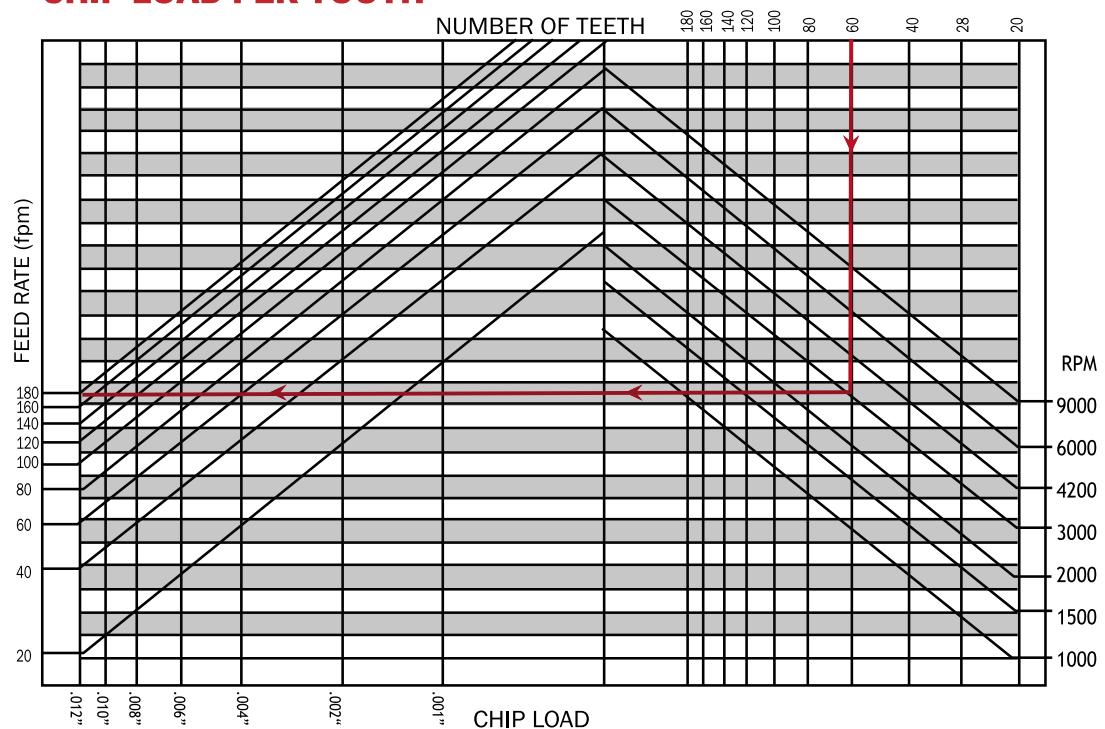


For Example: 20 hook + straight top grind



## CHIP LOAD PER TOOTH

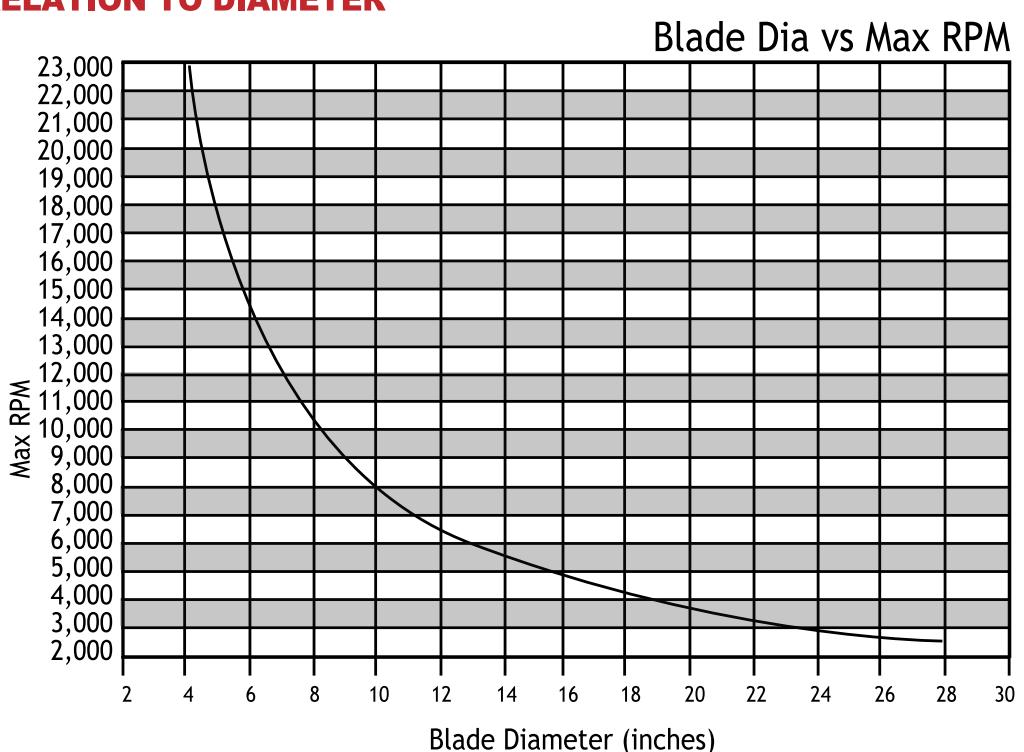
Recommended Chiploads	Min	Max
Along grain	.008"	.035"
Cross grain	.004"	.008"
Hardwood	.002"	.006"
Chipboard	.004"	.010"
Veneered panels	.001"	.004"
Plastic laminated panels	.001"	.002"
Non Ferrous Metals	.001"	.003"



For instance: A 60 tooth saw rotating at 3000 rpm with a feed rate of 80 fpm will have a chipload of .0053"  
 Or to calculate chip load values, use the following formula: Chipload =  $\frac{12 \times \text{feed per minute}}{\text{RPM} \times \text{Number of teeth}}$

## BLADE MAX. RPM'S IN RELATION TO DIAMETER

BLADE DIA		MAX RPM
INCHES	MM	
3	80	22,900
4	100	22,600
5	125	18,300
5.5	140	16,300
6	150	14,000
7	175	13,000
8	200	11,400
9	230	10,600
10	250	9,100
12	300	7,550
14	350	5,250
16	400	4,500
18	450	4,000
20	500	3,500
22	550	3,000
24	600	2,750
26	650	2,700
28	700	2,500

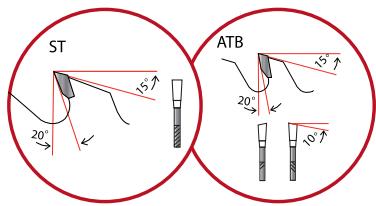


## RIP BLADES - FLAT TOP GRIND

Ripping of hard and softwoods. Suitable for both hand and power feed applications. Can be modified for gang ripping applications.

Part#	Dia	Tooth	Grind	Plate	Kerf	Bore
R824	8"	24T	20ST	.085	.125	5/8"
R924	9"	24T	20ST	.085	.125	5/8"
HD1010	10"	10T	20ST	.095	.145	5/8"
R1024	10"	24T	20ST	.085	.125	5/8"
HD1024	10"	24T	20ST	.095	.145	5/8"
*	R3030	300	30T	20ST	2.2	3.2
	HD1212	12"	12T	20ST	.110	.160
	R1224	12"	24T	20ST	.085	.125
	HD1224	12"	24T	20ST	.095	.145
	HP1224	12"	24T	20ST	.110	.160
	R1230	12"	30T	20ST	.085	.125
	HP1230	12"	30T	20ST	.134	.184
	R1236	12"	36T	20ST	.085	.125
	HD1236	12"	36T	20ST	.095	.145
	HD1420	14"	20T	20ST	.120	.160
	HD1430	14"	30T	20ST	.110	.160
	HP1430	14"	30T	20ST	.134	.184
	HD1440	14"	40T	20ST	.110	.160
	HD1630	16"	30T	20ST	.120	.165
	R1640	16"	40T	20ST	.120	.165
	HP1640	16"	40T	20ST	.134	.184
	R1824	18"	24T	20ST	.134	.184
	R1836	18"	36T	20ST	.134	.184
*	R1836-2	18"	36T	20ST	.134	.184
*	R2024-2	20"	24T	20ST	.134	.184
	R2040	20"	40T	20ST	.134	.184

\*R3030 Universal pinholes. \*R1836-2, R2024-2 has 1 - 9/16" pinhole-5" circle.



### Machine Types Suggested:

- Table Saw
- Straight Line Rip Saw
- Gang Rip Saw

### Materials Suggested:

- Hardwood
- Softwood

## GLUE LINE RIP BLADES - STRAIGHT LINE RIP

To be used where a "glue joint" is required. Triple Chip Grind (TCG) is recommended for hardwoods and composite boards. Alternate Top Bevel (ATB) recommended for softer woods.

Part#	Dia	Tooth	Grind	Plate	Kerf	Bore
G1024A-125	10"	24T	20ATB	.085	.125	5/8"
G1030T	10"	30T	20TCG	.095	.145	5/8"
*	G3036T-30	300	36T	20TCG	2.8	4.0
*	G3536T-30	350	36T	20TCG	2.8	4.0
	G1230T	12"	30T	20TCG	.110	.160
	G1236T-160	12"	36T	20TCG	.110	.160
	G1236T-170	12"	36T	20TCG	.120	.170
	G1248A	12"	48T	20ATB	.110	.160
	G1436T	14"	36T	20TCG	.120	.165
*	G1436T-112	14"	36T	20TCG	.120	.165
*	G1436T-2	14"	36T	20TCG	.120	.165
	G1440T	14"	40T	20TCG	.110	.160
	G1440A	14"	40T	20ATB	.110	.160
	G1636T	16"	36T	20TCG	.120	.170
	G1636T-2	16"	36T	20TCG	.120	.170
	G1836T	18"	36T	20TCG	.134	.184
*	G1836T-2	18"	36T	20TCG	.134	.184
*	G2040T-2	20"	40T	20TCG	.134	.184

\* G3036T-30 & G3536T-30 Universal pinholes. \*G1436T-2, G1836T-2, G2040T-2 have 1 - 9/16" pinhole - 5" circle

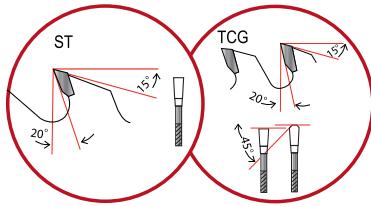


### Machine Types Suggested:

- Table Saw
- Straight Line Rip Saw
- Gang Rip Saw

### Materials Suggested:

- Hardwood
- Softwood



## ULTRA THIN RIP BLADES

Ideal for ripping on under powered saws or moulders. A thinner kerf allows for less feed effort and saves wood.

Part#	Dia	Tooth	Grind	Plate	Kerf	Bore
U824	8"	24T	20ATB	.059	.090	5/8"
U850-062	8"	50T	12ST2	.050	.062	2.13/16"
U81250-062	8.1/2"	50T	12ST2	.050	.062	2.13/16"
U1024	10"	24T	20ATB	.059	.090	5/8"
U1224	12"	24T	20ST	.060	.090	1"
U1436	14"	36T	20ST	.085	.125	1"



### Machine Types Suggested:

- Table Saw
- Straight Line Rip Saw
- Gang Rip Saw

### Materials Suggested:

- Hardwood
- Softwood



### Machine Types Suggested:

- Table Saw
- Straight Line Rip Saw
- Gang Rip Saw

### Materials Suggested:

- Hardwood
- Softwood

## RIP BLADES - WITH CHIP GUIDES

Specially designed for hand feed applications. The unique shoulder design aids in reducing possible "kick back" of material.

Part#	Dia	Tooth	Grind	Plate	Kerf	Bore
SR 1024A	10"	24T	20ATB-S	.085	.125	5/8"
SR 1224A-145	12"	24T	20ATB-S	.095	.145	1"

## GANG RIP BLADES

Blades are designed for Domestic and European multi-rip machines. Offered in a variety of kerfs and tooth counts to suit many unique requirements. Other rip blades can be modified to fit your machine.

Part#	Dia	Tooth	Grind	Plate	Kerf	Bore	Keys
GR1030	10"	30T	20ST	.095	.135	70mm	(2)20x10
GR1040T-3	10"	40T	15TCG	.085	.125	3"	3 PH*
GR1040T-4	10"	40T	15TCG	.085	.125	4 3/16"	3 PH*
GR1224-125	12"	24T	20ST	.085	.125	70mm	(2)20x10
GR1224-145	12"	24T	20ST	.095	.145	70mm	(2)20x10
R1224-134	12"	24T	20ST	.085	.125	1 3/4"	
GR1224-134	12"	24T	20ST	.095	.145	1 3/4"	none
GR1224-318	12"	24T	20TCG	.095	.135	3.1/8"	none
GR1228	12"	28T	20ST	.110	.160	80mm	(2)20X5+6 PH*
GR1230-134	12"	30T	20ST	.134	.184	1 3/4"	
GR1236	12"	36T	20ST	.095	.135	3.1/8"	none
GR3070	300	30T	20ST	2.8	4.3	70mm	(2)20x10

## GANG RIP BLADES- Glue Line Rip

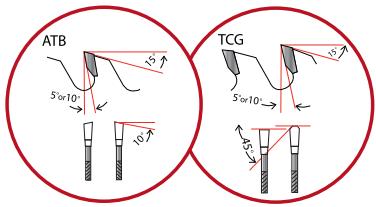
GR1040T-318	10"	40T	15TCG	.085	.125	3 1/8"	(2)1/4"X1/4"
GR1236T-125	12"	36T	20TCG	.085	.125	3.1/8"	(2)1/4"X1/4"
GR1236T-70	12"	36T	20TCG	.095	.145	70mm	(2)20x10
GR1236T-70/160	12"	36T	20TCG	.110	.160	70mm	(2)20x10
GR1236T-80	12"	36T	20TCG	.110	.160	80mm	(2)20X5+6 PH*
GR1236T-160	12"	36T	20TCG	.110	.160	3.1/8"	(2)1/4"X1/4"
GR1236T-170	12"	36T	20TCG	.120	.170	3.1/8"	(2)1/4"X1/4"
GR1248T-80	12"	48T	20TCG	.110	.160	80mm	(2)20X5+6 PH*
GR3570	350	36T	20TCG	3.2	4.3	70mm	(2)20x10
GR1436T	14"	36T	20TCG	.120	.176	3.1/8"	(2)1/4"X1/4"

\*PH = Pinholes

## GENERAL PURPOSE BLADES

Ripping and cross cutting blades when a higher feed rate is required. A good all around blade for both ripping and cross cutting.

Part#	Dia	Tooth	Grind	Plate	Kerf	Bore
GP7A	7 1/4"	24T	15ATB	.085	.125	5/8"
GP840A	8"	40T	10ATB	.085	.125	5/8"
GP840T	8"	40T	10TCG	.085	.125	5/8"
GP940A	9"	40T	10ATB	.085	.125	5/8"
GP940T	9"	40T	10TCG	.085	.125	5/8"
GP1040A	10"	40T	10ATB	.085	.125	5/8"
GP1040T	10"	40T	10TCG	.085	.125	5/8"
GP1240A	12"	40T	10ATB	.095	.135	1"
GP1240T	12"	40T	10TCG	.095	.135	1"
GP1248A	12"	48T	10ATB	.095	.135	1"
GP1440A	14"	40T	10ATB	.110	.160	1"
GP1440T	14"	40T	10TCG	.110	.160	1"
GP1448A	14"	48T	10ATB	.098	.138	1"
GP1640A	16"	40T	10ATB	.120	.165	1"
GP1640T	16"	40T	10TCG	.120	.165	1"
GP1848A	18"	48T	10ATB	.134	.184	1"
GP2260A	22"	60T	15ATB	.150	.200	1"
GP2460A-184	24"	60T	15ATB	.134	.184	1"
GP2460A-200	24"	60T	15ATB	.150	.200	1"



## STANDARD CROSS CUT BLADES

Ideal all around cabinet maker blade. Clean cross cutting on all types of wood, particle board, plywood, and plastic laminated (single sided) panels.

Part#	Dia	Tooth	Grind	Plate	Kerf	Bore
SC740A	7 1/4"	40T	10ATB	.085	.125	5/8"
SC740T	7 1/4"	40T	10TCG	.085	.125	5/8"
SC860A	8"	60T	10ATB	.085	.125	5/8"
SC860T	8"	60T	10TCG	.085	.125	5/8"
SC960A	9"	60T	5ATB	.085	.125	5/8"
SC1060A	10"	60T	10ATB	.085	.125	5/8"
SC1060A-1	10"	60T	10ATB	.085	.125	1"
SC1060T	10"	60T	10TCG	.085	.125	5/8"
SC1060T-1	10"	60T	10TCG	.085	.125	1"
SC1260A	12"	60T	10ATB	.095	.135	1"
SC1260T	12"	60T	10TCG	.095	.135	1"
SC1460A-138	14"	60T	10ATB	.098	.138	1"
SC1460A-160	14"	60T	10ATB	.110	.160	1"
SC1460T-138	14"	60T	10TCG	.098	.138	1"
SC1460T-160	14"	60T	10TCG	.110	.160	1"
SC1560A	15"	60T	5ATB	.110	.160	1"
SC1660A-165	16"	60T	10ATB	.120	.165	1"
SC1660A-184	16"	60T	10ATB	.134	.184	1"
SC1660T	16"	60T	10TCG	.120	.165	1"
SC1861A	18"	60T	10ATB	.134	.184	1"
SC1860T	18"	60T	5TCG	.134	.184	1"
SC2060A	20"	60T	5ATB	.134	.184	1"
SC2060T	20"	60T	5TCG	.134	.184	1"
SC2280A	22"	80T	10ATB	.150	.210	1"
SC2480A	24"	80T	10ATB	.150	.210	1"

### Machine Types Suggested:

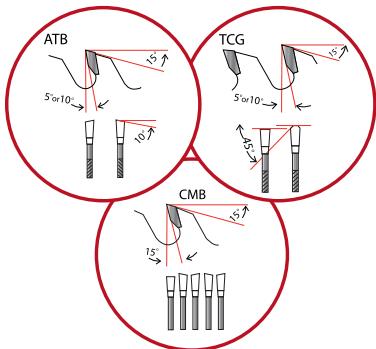
- Table Saw
- Radial Arm Saw
- Miter Saw
- Straight Line Rip

### Materials Suggested:

ATB = Hardwood  
Softwood

TCG = Single Sided Laminate  
Hardwood  
Plywood  
Particleboard  
MDF





#### Machine Types Suggested:

- Table Saw
- Straight Line Rip Saw
- Radial Arm Saw

#### Materials Suggested:

- Hardwood
- Softwood
- Plywood
- Particleboard



#### Machine Types Suggested:

- Table Saw
- Miter Saw
- Radial Arm Saw

#### Materials Suggested:

ATB = Hardwood  
Softwood  
TCG = Single Sided Laminate  
Plywood  
MDF / Particleboard

## COMBINATION/PLANER STYLE BLADES

One blade that is designed to rip and cross cut. A great all-around blade to do both jobs.

Part#	Dia	Tooth	Grind	Plate	Kerf	Bore
CM850	8"	50T	15C MB	.085	.125	5/8"
CM950	9"	50T	15C MB	.085	.125	5/8"
CM1050	10"	50T	15C MB	.095	.135	5/8"
CM1260	12"	60T	15C MB	.095	.135	5/8"
CM1470	14"	70T	15C MB	.120	.165	1"
CM1680	16"	80T	15C MB	.120	.165	1"

1"

## PRECISION TRIM BLADES

Finer cutting than the Standard Cross cut, these blades are ideal for thinner sheets of material. Use ATB for solid wood. Use TCG for chipboard, plywood, particleboard, and other abrasive materials.

Part#	Dia	Tooth	Grind	Plate	Kerf	Bore
PT1085A	10"	80T	5ATB	.085	.125	5/8"
PT1085T	10"	80T	5TCG	.085	.125	5/8"
PT1272A	12"	72T	10ATB	.134	.177	1"
PT1280A	12"	80T	10ATB	.095	.135	1"
PT1280T	12"	80T	10TCG	.095	.135	1"
PT1481A-138	14"	80T	10ATB	.098	.138	1"
PT1481A-160	14"	80T	10ATB	.110	.156	1"
PT1481A-176	14"	80T	10ATB	.120	.176	1"
PT1481A-184	14"	80T	10ATB	.134	.184	1"
PT1480T-138	14"	80T	10TCG	.098	.138	1"
PT1480T-165	14"	80T	10TCG	.120	.165	1"
PT1680A-165	16"	80T	10ATB	.120	.165	1"
PT1680A-184	16"	80T	10ATB	.134	.184	1"
PT1680T	16"	80T	10TCG	.120	.165	1"
PT1881A	18"	80T	10ATB	.134	.184	1"
PT1880T	18"	80T	10TCG	.134	.184	1"
PT2080A-184	20"	80T	10ATB	.134	.184	1"
PT2080A-200	20"	80T	10ATB	.150	.200	1"

## SKARPAZ C-LINE BLADES

Premium blades for hand held saws. Diamond knock out bushing where indicated.

Part#	Dia.	Tooth	Grind	Plate	Kerf	Bore	Machine
CL16048A	160	48T	5ATB	2.0	2.6	20mm	FesTool TS55
CL16048T	160	48T	5TCG	2.0	2.6	20mm	FesTool TS55
CL724A	7.1/4"	24T	15ATB	.070	.100	5/8"	diamond KO
CL740A	7.1/4"	40T	10ATB	.070	.100	5/8"	diamond KO
CL760A	7.1/4"	60T	0ATB	.070	.095	5/8"	diamond KO
CL21036A	210	36	15ATB	1.9	2.5	30mm	FesTool TS75
CL21052A	210	52T	5ATB	1.8	2.4	30mm	FesTool TS75
CL21060T	210	60T	5TCG	2.0	2.4	30mm	FesTool TS75

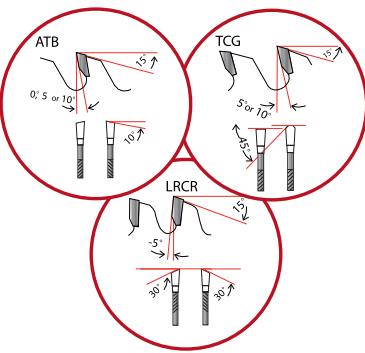
Blades for Non Ferrous Metal and Plastic Cutting can be found on pages 9-10.

## FINISH TRIM BLADES

When the finest cut is required on thin material. These blades excel in miter applications or sizing thin sheets of stock.

Part#	Dia	Tooth	Grind	Plate	Kerf	Bore
FT100A	10"	100T	0ATB	.085	.115	5/8"
FT105A	10"	100T	5ATB	.085	.125	5/8"
FT105T	10"	100T	5TCG	.085	.125	5/8"
FT121A	12"	100T	5ATB	.095	.125	1"
FT125T	12"	100T	5TCG	.095	.125	1"
FT122A	12"	120T	5ATB	.083	.118	1"
FT145A	14"	100T	5ATB	.110	.156	1"
FT141A	14"	100T	10ATB	.098	.138	1"
FT141A-165	14"	100T	10ATB	.120	.165	1"
FT141T-138	14"	100T	10TCG	.098	.138	1"
FT141T-165	14"	100T	10TCG	.120	.165	1"
FT142A	14"	120T	0ATB	.110	.150	1"
FT155A	15"	100T	5ATB	.110	.160	1"
FT165A	16"	100T	5ATB	.120	.165	1"
FT165T	16"	100T	5TCG	.120	.165	1"
FT162A	16"	120T	N5ATB	.120	.155	1"
FT1625A	16"	120T	5ATB	.120	.165	1"
FT162T	16"	120T	5TCG	.120	.150	1"
* FT4510A	450	100T	10ATB	.134	.177	30mm
FT4512AR	455	120T	10ATB+R	.110	.134	1"
FT181A	18"	100T	5ATB	.134	.177	1"
FT181T	18"	100T	5TCG	.134	.177	1"
FT182A	18"	120T	5ATB	.134	.177	1"
FT182T	18"	120T	5TCG	.134	.177	1"
FT182NA	18"	120T	N5ATB	.134	.177	1"
FT205A	20"	100T	5ATB	.134	.173	1"
FT201T	20"	100T	5TCG	.134	.177	1"
FT202A	20"	120T	10ATB	.134	.177	1"
FT202T	20"	120T	5TCG	.134	.177	1"
FT202NA	20"	120T	N5ATB	.134	.173	1"
FT221A	22"	100T	10ATB	.150	.200	1"
FT241A	24"	100T	10ATB	.150	.200	1"

\* FT4510A 2/10/198 & 2/10/60 pinholes



### Machine Types Suggested:

- Table Saw
- Miter Saw
- Radial Arm Saw

### Materials Suggested:

**ATB** = Hardwood  
 Softwood  
**TCG** = Single Sided Laminate  
 Plywood  
 Particleboard  
 MDF



### Machine Types Suggested:

- Table Saw
- Miter Saw
- Radial Arm Saw
- Vertical Panel Saw
- Sliding Table Saw

### Materials Suggested:

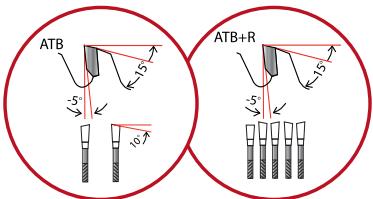
- Single & Double Sided Laminate
- Plywood
- Fine Veneer

## LAMINATE & VENEER BLADES

Cut double sided laminates and veneers chip free with-out a scoring saw. A negative hook angle plus a "high" alternate top are featured in this design. LXT carbide is used to prolong edge life between sharpening.

Part#	Dia	Tooth	Grind	Plate	Kerf	Bore
LR860	8"	60T	N5LRCR	.085	.115	5/8"
* LR220	220	64T	N5LRCR	2.2	2.9	30mm
* LR250	250	80T	N5LRCR	2.2	2.9	30mm
LR1080	10"	80T	N5LRCR	.085	.115	5/8"
LR1210	12"	100T	N5LRCR	.095	.125	1"
* LR3096	300	96T	N5LRCR	2.4	3.2	30mm
* LR3596	350	96T	N5LRCR	2.5	3.5	30mm
LR1410	14"	100T	N5LRCR	.098	.138	1"
LR1610	16"	120T	N5LRCR	.120	.150	1"
LR18108	18"	108T	N5LRCR	.134	.173	1"

\* LR220 Pinhole 2/7/42 \* LR250 Universal Pinholes \* LR3096 & LR3596 Universal Pinholes



#### Machine Types Suggested:

- Table Saw
- Miter Saw
- Radial Arm Saw

#### Materials Suggested:

- Hardwood
- Softwood
- Single Sided Laminate
- Plywood
- Particleboard
- MDF



#### Machine Types Suggested:

- Single Miter Saw
- Double Miter Saw
- Radial Arm Saw

#### Materials Suggested:

- Soft wood
- Composite
- Hardwood
- Single Sided Laminate

## RADIAL ARM / MITER SAW BLADES

Neutral hook angle prevents saw from grabbing material. Select less teeth for thicker material. ATB grind is not suitable for non ferrous metals.

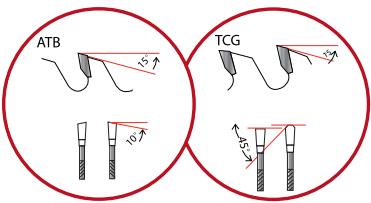
Part#	Dia	Tooth	Grind	Plate	Kerf	Bore
RA860	8"	60T	0ATB	.085	.115	5/8"
RA980	9"	80T	0ATB	.085	.115	5/8"
RA1060	10"	60T	0ATB	.085	.125	5/8"
RA1080	10"	80T	0ATB	.085	.125	5/8"
RA1230	12"	30T	N5ATB	.085	.125	5/8"
RA1260	12"	60T	0ATB	.085	.125	5/8"
RA1280-5/8	12"	80T	0ATB	.095	.135	5/8"
RA1280-1	12"	80T	0ATB	.095	.135	1"
RA1436	14"	36T	N5ATB	.085	.125	1"
RA1460	14"	60T	0ATB	.120	.160	1"
RA1480	14"	80T	0ATB	.110	.156	1"
RA1411	14"	100T	0ATB	.098	.138	1"
RA1640	16"	40T	0ATB	.134	.184	1"
RA1660	16"	60T	0ATB	.120	.165	1"
RA1680	16"	80T	0ATB	.120	.165	1"
RA1860	18"	60T	0ATB	.134	.184	1"
RA1880	18"	80T	0ATB	.134	.184	1"

## PRODUCTION MITER BOX BLADES

Our production miter box blades are designed for stationary, production machinery. These blades incorporate a heavy duty saw plate, special expansion slots, and proven tooth geometry to produce clean accurate and repeatable miters. Use ATB+R for cutting wood and composite materials.

Part#	Dia	Tooth	Grind	Plate	Kerf	Bore
DM1080A	10"	80T	0ATB+R	.098	.116	5/8"
DM1010A	10"	100T	0ATB+R	.098	.116	5/8"
DM1280A	12"	80T	0ATB+R	.098	.125	5/8"
DM128NA	12"	80T	N2ATB+R	.118	.134	5/8"
DM1210A	12"	100T	0ATB+R	.100	.120	5/8"
DM1210A-134	12"	100T	N2ATB+R	.118	.134	5/8"
DM1210A-1	12"	100T	N2ATB+R	.118	.134	1"
DM1310A	13"	100T	0ATB+R	.118	.134	1"
DM1480A	14"	80T	0ATB+R	.120	.134	5/8"
DM1410A	14"	100T	0ATB+R	.120	.134	5/8"
DM275-80A	275	80T	5ATB+R	2.5	3.2	32mm
DM275	275	100T	0ATB+R	2.5	3.2	32mm
DM3510A	350	100T	0ATB+R	3.2	4.1	30mm

Blades for non ferrous metal, composites, and plastic frames can be found in non ferrous metal cutting section on pages 9-10



## PORTABLE MITER/TABLE SAW BLADES

Extensive selection of blades to maximize the performance of your saw. Use negative and neutral hook angles for miter applications. Positive hook blades for most table saw applications.

Part#	Dia	Tooth	Grind	Plate	Kerf	Bore
U860A	8"	60T	5ATB	.059	.090	5/8"
U860T	8"	60T	5TCG	.059	.090	5/8"
PS840A	8.1/4"	40T	10ATB	.070	.095	5/8"
PS860A	8.1/4"	60T	10ATB	.070	.095	5/8"
PU860A	8.1/4"	60T	0ATB	.059	.090	5/8"
PS861T	8.1/4"	60T	10TCG	.070	.095	5/8"
P86NA	8.1/2"	60T	N5ATB	.070	.095	5/8"
P860A	8.1/2"	60T	0ATB	.059	.090	5/8"
U1040A	10"	40T	10ATB	.059	.090	5/8"
U1040T	10"	40T	10TCG	.059	.090	5/8"
P1060A	10"	60T	0ATB	.059	.090	5/8"
U1060A	10"	60T	10ATB	.059	.090	5/8"
U1060T	10"	60T	10TCG	.059	.090	5/8"
P1080A	10"	80T	0ATB	.059	.090	5/8"
P108NA	10"	80T	N5ATB	.085	.120	5/8"
U1081A	10"	80T	10ATB	.059	.090	5/8"
U1081T	10"	80T	10TCG	.059	.090	5/8"
P124NA	12"	40T	N5ATB	.085	.115	1"
U1260A	12"	60T	10ATB	.059	.090	1"
P126NA	12"	60T	N5ATB	.085	.115	1"
U1280A	12"	80T	10ATB	.059	.090	1"
P1280A	12"	80T	0ATB	.059	.090	1"
P128NA	12"	80T	N5ATB	.085	.115	1"
P128NAR	12"	80T	N5ATB+R	.080	.110	1"
P1280A-095	12"	80T	0ATB	.070	.095	1"
U1280T	12"	80T	5TCG	.059	.090	1"
U1210A	12"	100T	5ATB	.059	.090	1"
U1210T	12"	100T	5TCG	.059	.090	1"
U1215T	12"	100T	15TCG	.070	.100	1"
P148NA	14"	80T	N5ATB	.085	.095	1"
U1410A	14"	100T	10ATB	.070	.100	1"
P141NA	14"	100T	N5ATB	.085	.120	1"
P146NA	14"	60T	N5ATB	.085	.120	1"
P1560A	15"	60T	0ATB	.070	.110	1"
P1580A	15"	80T	0ATB	.070	.110	1"
P1510A-115	15"	100T	0ATB	.085	.115	1"
U2660AR	260	60T	N2ATB+R	1.8	2.5	30mm
U2680AR	260	80T	N2ATB+R	1.8	2.5	30mm



### Machine Types Suggested:

- Table Saw
- Miter Saw
- Radial Arm Saw
- Vertical Band Saw

### Materials Suggested:

- ATB = Hardwood  
Softwood
- TCG = Single Sided Laminate  
Plywood  
Particleboard  
MDF



260mm blades manufactured specifically for the FesTool Kapex Miter saw.

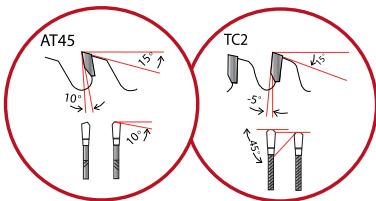
Blades for Non Ferrous Metal and plastic cutting can be found on pages 9-10

## THIN KERF BEAM SAW BLADES

For use on Makita Beam Saw.

Part#	Dia	Tooth	Grind	Plate	Kerf	Bore
U1636	16.5/16"	36T	20ATB-S	.070	.110	25mm
U1625	16.5/16"	60T	20ATB	.070	.110	25mm

U1636 is anti-kickback style



## SUPERIOR FINISH WOODWORKING BLADES

Exacting tolerances and unique tooth geometry produce the ultimate woodworking table saw blade for both ripping and cross cutting.

Part#	Dia	Tooth	Grind	Plate	Kerf	Bore
SF1040A	10"	40T	20ATB	.080	.111	5/8"
SF1260A	12"	60T	20ATB	.085	.116	1"



### Machine Types Suggested:

- Table Saw
- Miter Saw
- Sliding Compound Miter Saw
- Compound Miter Saw

### Materials Suggested:

- Acrylic, Engraving Stock
- Lexan, PVC
- Polycarbonate
- Polyethylene, Rigid Vinyl

## LOW MELT PLASTIC/SOLID SURFACE CUTTING BLADES

Special low melt tooth style provides excellent cuts in wide variety of plastics. LX carbide tips are used on all blades to prolong edge life between sharpening.

Part#	Dia	Tooth	Grind	Plate	Kerf	Bore
LM1060A45	10"	60T	10AT45	.085	.115	5/8"
LM1072	10"	72T	0TC2	.100	.125	5/8"
LM1080	10"	80T	5TC2	.070	.100	5/8"
LM1280	12"	80T	5TC2	.085	.115	1"
LM1284	12"	84T	0TC2	.100	.125	1"
LM1210	12"	100T	N2TC2	.085	.115	1"
LM1410	14"	100T	0TC2	.098	.138	1"
LM1610	16"	100T	N5TC2	.120	.150	1"
LM1620	16"	120T	N5TC2	.120	.150	1"
LM3072A45	300	72T	10AT45	2.2	3.0	30mm
* LM3084	300	84T	0TC2	2.5	3.2	30mm
* LM3096	300	96T	N5TC2	2.4	3.2	30mm

\* Universal Pinholes

## PALLET RECYCLING BLADES

Pallet Recycling blades incorporate high nickel content tips which take all the abuse pallet recyclers can dish out and heavy duty saw plates which resist warping and cracking.

Part#	Dia	Tooth	Grind	Plate	Kerf	Bore
PH1020	10"	20T	0TC	.120	.180	5/8"
PH1020-1	10"	20T	0TC	.120	.180	1"
PH1040	10"	40T	0TC	.120	.180	5/8"
PH1226	12"	26T	0TC	.120	.180	1"
PH1424	14"	24T	0TC	.120	.180	1"
PH1430	14"	30T	0TC	.120	.180	1"
PH1630	16"	30T	0TC	.120	.180	1"
PH1836	18"	36T	0TC	.134	.180	1"
PH2040	20"	40T	0TC	.134	.184	1"



## RESCUE BLADES

Commonly used by fire departments on gas powered saws. 1" to 20mm bushings are available.

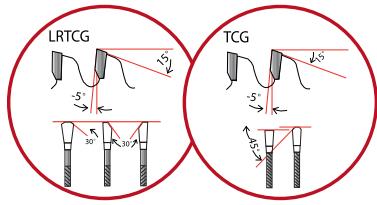
Part#	Dia	Tooth	Grind	Plate	Kerf	Bore
NC1024	10"	24T	N5ST	.085	.125	5/8"
NC1212	12"	12T	N5ST	.085	.125	1"
NC1414	14"	14T	N5ST	.098	.138	1"
NC1424	14"	24T	N5ST	.120	.165	20mm
NC1616	16"	16T	N5ST	.120	.165	1"

## NON FERROUS METAL BLADES

An extensive selection of blades designed to cut brass, copper, aluminum and other non ferrous metals. Excellent performance on sheets and extrusions. Heavier plates are used to withstand the rigors of non ferrous metal cutting. Thin kerf blades should only be used on thin material and must be used only with mechanical clamping and lubricant. All non ferrous cutting should be aided by flood or spray lubricant. Mechanical clamping is recommended for all blades.

Part#	Dia	Tooth	Grind	Plate	Kerf	Bore
AG3782038	3 7/8"	20T	5TC2	.110	.135	3/8"
AG3782458	3 7/8"	24T	5TC2	.110	.135	5/8"
AG42034	4"	20T	0TC2	.095	.125	3/4"
AG42078	4"	20T	0TC2	.095	.150	7/8"
AG42478	4"	24T	N2TC2	.085	.110	7/8"
NF74N	7"	40T	N5TCG	.085	.115	5/8"
* CL724T	7 1/4"	24T	0TCG	.070	.095	5/8"
* CL740T	7 1/4"	40T	0TCG	.070	.095	5/8"
* CL760T	7 1/4"	60T	0TCG	.070	.095	5/8"
* CL760T-078	7 1/4"	60T	0TCG	.058	.078	5/8"
NF860	8"	60T	0TCG	.085	.115	5/8"
NF86N	8"	60T	N5TCG	.085	.115	5/8"
NF88N	8"	80T	N2TCG	.085	.115	5/8"
PS860T	8 1/4"	60T	0TCG	.070	.095	5/8"
P86NT	8 1/2"	60T	N5TCG	.059	.090	5/8"
P860T	8 1/2"	60T	0TCG	.070	.095	5/8"
NF960	9"	60T	0TCG	.085	.115	5/8"
NF1040	10"	40T	N2TCG	.098	.135	5/8"
P1060T	10"	60T	0TCG	.059	.090	5/8"
NF106N	10"	60T	N5TCG	.085	.125	5/8"
P1080T	10"	80T	0TCG	.059	.090	5/8"
NF108N	10"	80T	N5TCG	.095	.125	5/8"
MN1090	10"	90T	N5LRTCG	.100	.125	5/8"
P1010T	10"	100T	0TCG	.059	.090	5/8"
NF1010	10"	100T	0TCG	.095	.125	5/8"
NF101N	10"	100T	N5TCG	.095	.125	5/8"
NF1240	12"	40T	N2TCG	.110	.150	1"
P126NT	12"	60T	N5TCG	.085	.115	1"
NF1260	12"	60T	0TCG	.095	.125	1"
P1272T	12"	72T	0TCG	.085	.115	1"
P1280T	12"	80T	0TCG	.059	.090	1"
DM1280T	12"	80T	0TCG	.095	.125	5/8"
NF1280	12"	80T	0TCG	.095	.125	1"
NF128N	12"	80T	N5TCG	.095	.125	1"
MN1290	12"	90T	N5LRTCG	.110	.135	1"
P1210T	12"	100T	0TCG	.059	.090	1"
P1210T-095	12"	100T	0TCG	.070	.095	1"
DM1210T	12"	100T	0TCG	.095	.125	5/8"
NF1210	12"	100T	0TCG	.095	.125	1"
NF121N	12"	100T	N5TCG	.095	.125	1"
DM1210MN	12"	102T	N2LRTCG	.100	.125	5/8"
DM122N	12"	120T	N2TCG	.095	.125	5/8"
NF122N	12"	120T	N2TCG	.095	.125	1"

\* 5/8" K.O.= Universal arbor with diamond knockout.



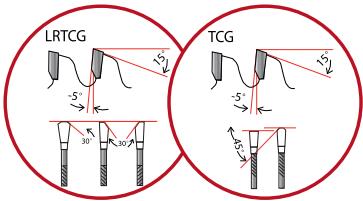
### Machine Types Suggested:

- Table Saw
- Miter Saw
- Sliding Compound Miter Saw
- Compound Miter Saw
- Double Miter Saw
- Radial Arm Saw

### Materials Suggested:

- Non Ferrous Metal (Aluminum, Brass, Copper, etc.)
- Hard to Medium Plastic
- Hardwood
- MDF
- Single Sided Laminate
- Particleboard





#### Machine Types Suggested:

- Table Saw
- Miter Saw
- Sliding Compound Miter Saw
- Compound Miter Saw
- Double Miter Saw
- Radial Arm Saw

#### Materials Suggested:

- Non Ferrous Metal (Aluminum, Brass, Copper, etc.)
- Hard to Medium Plastic
- Hardwood
- MDF
- Single Sided Laminate
- Particleboard

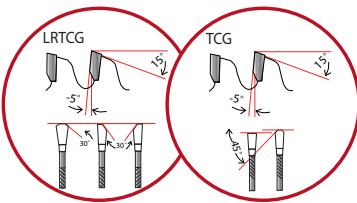


## NON FERROUS METAL BLADES

Part#	Dia	Tooth	Grind	Plate	Kerf	Bore
MN1212	12"	120T	N2LRTCG	.095	.125	1"
NF1440	14"	40T	0TCG	.110	.160	1"
NF1460	14"	60T	0TCG	.120	.155	1"
P148NT	14"	80T	N5TCG	.085	.120	1"
NF1480-138	14"	80T	0TCG	.098	.138	1"
NF1480-150	14"	80T	0TCG	.120	.150	1"
NF148N	14"	80T	N5TCG	.120	.155	1"
P1410T	14"	100T	0TCG	.070	.102	1"
P141NT	14"	100T	N5TCG	.085	.120	1"
NF1410-138	14"	100T	0TCG	.098	.138	1"
NF1410-150	14"	100T	0TCG	.120	.150	1"
NF141N-138	14"	100T	N5TCG	.098	.138	1"
NF141N-150	14"	100T	N5TCG	.120	.150	1"
DM1410T	14"	100T	0TCG	.120	.155	5/8"
DM142N	14"	120T	N5TCG	.110	.140	5/8"
NF142N	14"	120T	N5TCG	.110	.140	1"
MN1412	14"	120T	N5LRTCG	.134	.165	1"
NF1580	15"	80T	0TCG	.120	.160	1"
P151NT	15"	100T	N5TCG	.095	.125	1"
NF1510	15"	100T	0TCG	.110	.160	1"
NF1630	16"	30T	0TCG	.150	.200	1"
NF1640	16"	40T	0TCG	.120	.165	1"
NF1640-114	16"	40T	0TCG	.120	.165	1 1/4"
NF1660	16"	60T	0TCG	.120	.165	1"
NF1660-200	16"	60T	0TCG	.150	.200	1"
NF166N	16"	60T	N5TCG	.134	.173	1"
NF1680	16"	80T	0TCG	.120	.150	1"
NF1680-200	16"	80T	0TCG	.150	.200	1"
NF168N	16"	80T	N5TCG	.134	.173	1"
NF1610	16"	100T	0TCG	.120	.155	1"
NF161N	16"	100T	N5TCG	.134	.173	1"
NF1620	16"	120T	0TCG	.120	.150	1"
NF162N	16"	120T	N5TCG	.120	.155	1"
MN1612	16"	120T	5LRTCG	.134	.165	1"
NF1836	18"	36T	0TCG	.150	.205	1"
NF1860	18"	60T	0TCG	.150	.200	1"
NF1880	18"	80T	0TCG	.134	.173	1"
NF188N	18"	80T	N5TCG	.150	.200	1"
NF1810	18"	100T	0TCG	.134	.177	1"
NF1812	18"	120T	0TCG	.134	.173	1"
NF182N	18"	120T	N5TCG	.134	.173	1"
NF1840-1	18"	140T	N5TCG	.115	.145	1"
NF1840-30	18"	140T	N5TCG	.115	.145	30mm
NF2080	20"	80T	0TCG	.145	.195	1"
NF2010	20"	100T	0TCG	.134	.173	1"
NF201N	20"	100T	N5TCG	.134	.173	1"
NF2020	20"	120T	0TCG	.134	.173	1"
NF202N	20"	120T	N5TCG	.134	.173	1"
NF2015	20"	150T	N5TCG	.134	.164	1"
NF2215	22"	150T	N5TCG	.150	.200	1"
NF2412	24"	120T	2TCG	.160	.215	1"
NF2415	24"	150T	5TCG	.150	.210	1"
U2680NT	260	80T	N2TCG	1.8	2.5	30mm
DM275-80T	275	80T	5TCG	2.5	3.2	32mm
NF2890-32	280	90T	5TCG	2.4	3.2	32mm

## NON FERROUS METAL BLADES

An extensive selection of blades designed to cut brass, copper, aluminum and other non ferrous metals. Excellent performance on sheets and extrusions. Heavier plates are used to withstand the rigors of non ferrous metal cutting. Thin kerf blades should only be used on thin material and must be used only with mechanical clamping and lubricant. All non ferrous cutting should be aided by flood or spray lubricant. Mechanical clamping is recommended for all blades



Part#	Dia	Tooth	Grind	Plate	Kerf	Bore
NF3072-32	300	72T	OTCG	2.4	3.2	32mm
NF3072-40	300	72T	OTCG	2.5	3.2	40mm A
MN3096	300	96T	N5LRTC	3.2	3.2	30mm
NF31580-40	315	80T	OTCG	2.5	3.2	40mm A
NF3390	330	90T	5TCG	2.8	3.7	32mm
NF3560-32	350	60T	OTCG	3.2	4.0	32mm
NF3580-30	350	80T	OTCG	2.5	3.5	30mm B
NF3580-32	350	80T	OTCG	2.5	3.5	32mm C
NF3580-40	350	80T	OTCG	2.5	3.5	40mm A
MN3590	350	90T	N2LRTC	3.0	3.8	40mm A
MN3510	350	108T	N2LRTC	3.0	3.8	40mm A
NF3510	350	100T	OTCG	2.5	3.5	32mm C
NF3510-30	350	100T	OTCG	2.5	3.5	30mm
NF3510-40	350	100T	OTCG	2.5	3.5	40mm A
NF35108	350	108T	OTCG	2.5	3.5	32mm C
NF3512	350	120T	OTCG	2.8	3.6	1"
NF3512-30	350	120T	OTCG	2.8	3.6	30mm
NF3512-32	350	120T	N5TC	2.4	3.2	32mm C
NF3856	380	56T	OTCG	3.0	3.8	32mm
NF3811	380	110T	N5TC	3.2	3.8	32mm
NF4040	400	40T	5TCG	2.5	3.5	50mm D
NF4060	400	60T	5TCG	2.5	3.5	50mm D
NF4096-30	400	96T	OTCG	3.2	3.8	30mm
NF4096-32	400	96T	OTCG	3.0	4.0	32mm C
NF4096-50	400	96T	OTCG	2.8	3.8	50mm D
NF4012-30	400	120T	OTCG	3.0	4.0	30mm F
NF4012-32	400	120T	OTCG	3.0	4.0	32mm C
NF4296	420	96T	OTCG	3.2	4.4	30mm
NF420	420	120T	OTCG	3.4	4.4	30mm
MN4572T-40	450	72T	5LRTC	3.2	4.2	40mm
NF4510-50	450	100T	5TCG	3.4	4.4	50mm
NF4510-32	450	108T	5TCG	3.0	4.0	32mm
NF5020	500	120T	OTCG	3.4	4.4	30mm B
NF5020-32	500	120T	5TCG	3.4	4.4	32mm F
NF5020-50	500	120T	OTCG	3.4	4.0	50mm D
NF5572-30	550	72T	5TCG	3.8	4.4	30mm
NF5512	550	120T	N5TC	3.8	5.0	30mm E
NF5532	550	132T	OTCG	3.2	4.0	32mm F



### Machine Types Suggested:

- Table Saw
- Miter Saw
- Radial Arm Saw

### Materials Suggested:

- Non Ferrous Metal (Aluminum, Brass, Copper, etc.)
- Hard to Medium Plastic
- Hardwood
- MDF
- Single Sided Laminate
- Particleboard

### Pinhole Configuration

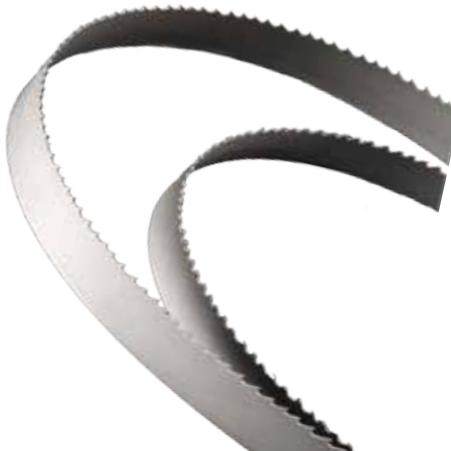
A	4/12/64 & 2/9/55
B	Universal
C	4/12/64
D	4/15/80
E	2/10/60 & 1/12/60
F	2/12/64
G	2/9/130 & 4/19/120
H	2/9/110
I	4/12/130

## BI-METAL BAND SAW COILS

Constructed from an M42 high speed steel strip which is electron beam welded to a high strength steel alloy backing material. Teeth are milled into the strip resulting in extended edge life that is fatigue resistant.

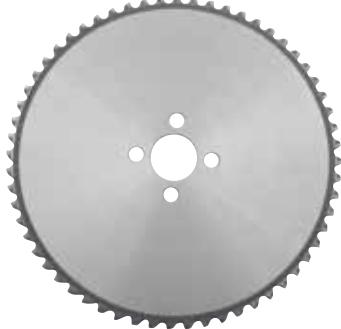
Width	Thickness	Tooth
1/2"	0.025"	6, 6/10, 8/12, 10/14, 14/18 tpi
3/4"	0.035"	4/6, 5/8, 6/10, 8/12, 10/14 tpi
1"	0.035"	2/3, 4/6, 5/8, 6/10, 8/12, 10/14 tpi
1 1/4"	0.042"	2/3, 4/6, 5/8, 6/10 tpi

Please call for stock availability and other sizes not listed above.



## HIGH PRODUCTION STEEL CUTTING BLADES

Carbide and Cermet Tipped Steel Cutting Blades. Blades for Amada, Nishijimax, Tsune, and Kasto machines are available. These thin kerf steel cutting blades are specifically designed for high production cutting of billets, pipes, and various steel shapes.



### Machine Types Suggested:

- Amada
- Wagner
- Nishijimax
- Tsune
- Kasto

### Materials Suggested:

- Mild and Carbon Steel
- Stainless Steel

Part#	Dia	Tooth	Kerf	Bore	Pinhole/Pattern
FC2506032SA	250	60T	2.0	32mm SA	4/9/50 & 4/11/63
FC2507232SA	250	72T	2.0	32mm SA	4/11/63 & 4/9/50
FC2856032SA	285	60T	2.0	32mm SA	4/9/50 & 4/11.5/63
FC2856632SA	285	66T	2.0	32mm SA	4/9/50
FC2857232TA	285	72T	2.0	32mm TA	4/12/64 & 4/9/50
FC2858032SA	285	80T	2.0	32mm SA	4/12/64 & 4/9/50
FC2858040SA	285	80T	2.0	40mm SA	4/11/80
FC366040SA	360	60T	2.6	40mm SA	4/11.5/90
FC366050SA	360	60T	2.6	50mm SA	4/16/80
FC3606050SS	360	60T	2.6	50mm TASS	4/16/80
FC368040SA	360	80T	2.6	40mm SA	4/11.5/90
FC368050TASS	360	80T	2.6	50mm TASS	4/16/80
FC3608050SA	360	80T	2.6	50mm SA	4/16/80
FC3601050SA	360	100T	2.6	50mm SA	4/16/80
FC361050TASS	360	100T	2.6	50mm TASS	4/16/80
FC361040TA	360	100T	2.6	40mm TA	4/11.5/90
FC361050TA	360	100T	2.6	50mm TA	4/16/80
FC388050TA	360	80T	2.5	50mm TA	4/16/80
FC4206050SS	420	60T	2.6	50mm TASS	4/14/80
FC4208050SS	420	80T	2.6	50mm TASS	4/14/80
FC42010050SS	420	100T	2.6	50mm TASS	4/14/80
FC466050SA	460	60T	2.7	50mm SA	4/11/90 & 4/21/90
FC58060SA	580	60T	3.2	80mm SA	4/22/120 & 2/18/120
FC588080TA	580	80T	3.2	80mm TA	4/22/120 & 2/18/120
FC581080TA	580	100T	3.2	80mm TA	4/22/120 & 2/18/120

SA = Cermet Tip   TA = Carbide Tip   TASS = Carbide Tip for Stainless Steel



### Machine Types Suggested:

- Low RPM "Dry Cut" Saws
- Dewalt
- Porter Cable
- Milwaukee
- And Similar

### Materials Suggested:

- Mild Steel

## PORTABLE STEEL CUTTING BLADES

Carbide tips specifically designed for ferrous metal cutting and special tooth geometry enable these blades to produce clean fast cutting in mild steel. For use on low rpm machines only. Do not use on woodworking machinery. (FC748 can be used on woodworking saws)

Part#	Dia	Tooth	Plate	Kerf	Bore	
FC14046SA	5.51"	46T	.055P	.069K	2.44"	Cermet
FC748-20	7"	48T	.059	.075	20mm	
FC748	7 1/4"	48T	.059	.075	5/8" KO	
FC850	8"	50T	.047	.063	5/8"	
FC948	9"	48T	.063	.080	1"	
FC1260	12"	60T	.063	.080	1"	
FC1276	12"	76T	.063	.080	1"	
FC1470	14"	70T	.079	.106	1"	
FC1484	14"	84T	.086	.106	1"	
FC1410T	14"	100T	.079	.106	1"	

FC850 max RPM 3000; FC948 max RPM 2700;

FC1260, FC1276 max RPM 1800;

FC1470, FC1484 & FC1410T max RPM 1500

\*\* FC14046SA fits T-Drill PCS8 & PCS14 pipe cutting systems.

## SCORING BLADES - SPLIT SET

For use on saws with scoring attachments. LXT carbide is used to prolong edge life between sharpening. For blades recommendation consult your SKARPAZ dealer.

Part#	Dia.	Tooth	Kerf Range	Bore	Pinholes	Machine
SS8020	80	2 x 10T	2.8-3.6K	20mm		Casadei, SCMI
SS10034	100	2 x 12T	2.8-3.6K	3/4"		SCMI, Delta
SS10020	100	2 x 12T	2.8-3.6K	20mm		Schelling
SS10022	100	2 x 12T	2.8-3.6K	22mm		Altendorf, Martin
SS12034	120	2 x 12T	2.8-3.6K	3/4"		SCMI
SS12020	120	2 x 12T	2.8-3.6K	20mm		SCMI, Holzher
SS12022	120	2 x 12T	2.8-3.6K	22mm		Altendorf, Martin
SS12050	120	2 x 12T	2.8-3.6K	50mm		Altendorf, Martin



## CONICAL TOOTH SHAPE

For use on saws with scoring attachments. LXT carbide is used to prolong edge life between sharpening. For blades recommendation consult your SKARPAZ dealer.

Part#	Dia.	Tooth	Kerf Range	Bore	Pinholes	Machine
C1253219	125	24T	3.2-4.2K	3/4"		SCMI
C1254345	125	24T	4.3-5.3K	45mm		Giben
C1254745	125	24T	4.7-5.7K	45mm		Giben
C1504330	150	24T	4.3-5.3K	30mm		Mayer
C1504332	150	24T	4.3-5.3K	1.1/4"		SCMI
C1504345	150	34T	4.3-5.3K	45mm		Giben
C1604345	160	28T	4.3-5.3K	45mm		Giben
C1604355	160	34T	4.3-5.3K	55mm	3/7/66	Gabbiani, SCMI
C1804345	180	34T	4.3-5.3K	45mm		Holzma
C1804745	180	34T	4.7-5.7K	45mm		Holzma
C2004320	200	34T	4.3-5.3K	20mm		Schelling
C2004345	200	34T	4.3-5.3K	45mm		Holzma
C2004745	200	34T	4.7-5.8K	45mm		Holzma
C2004365	200	34T	4.3-5.3K	65mm	2/9/110	Selco
C2004380	200	36T	4.3-5.3K	80mm	2/14/110 & 2/9/110	
C2154350	215	42T	4.3-5.3K	50mm	3/15/80	
C3004365	300	48T	4.3-5.3K	65mm	2/9/110	Selco



## EDGE BANDING BLADES

Blades for the most common machines. Other sizes can be manufactured upon request. "Left and Right" blades have teeth which are beveled in one direction only.



Part#	Dia.	Tooth	Tooth Style	Plate	Kerf	Bore
EB1002020	100	20T	10ATB	2.2	3.2	20mm
EB1003030	100	30T	10ATB	1.8	2.4	30mm
EB1004032	100	40T	10ATB	1.8	2.4	32mm
EB1102022	110	20T	10ATB	2.5	3.6	22mm
EB1102032	110	20T	10ATB	2.5	3.6	32mm
EB1152430	115	24T	15ATB	1.6	2.6	30mm
EB1202032	120	20T	10ATB	2.2	3.2	32mm
EB1202422	120	24T	15ATB	2.2	3.2	22mm
*EB1203640	120	36T	10ATB	2.5	3.6	40mm
EB1252420	125	24T	10ATB	2.2	3.2	20mm
EB1254L20	125	40T	OLEFT	2.0	3.2	20mm
EB1254R20	125	40T	ORIGHT	2.0	3.2	20mm
EB1502L30	150	24T	5LEFT	2.2	3.2	30mm
EB1502R30	150	24T	5RIGHT	2.2	3.2	30mm
EB1503L114	150	30T	5LEFT	2.2	3.2	1 1/4"
EB1503R114	150	30T	5RIGHT	2.2	3.2	1 1/4"
EB1602430	160	24T	15ATB	2.2	3.2	30mm
EB1604822	160	48T	N5ATB	2.2	3.0	22mm
EB1703L30	170	36T	5LEFT	2.1	3.1	30mm
EB1703R30	170	36T	5RIGHT	2.1	3.1	30mm

\* EB 1203640 has 8 countersunk pinholes

## BISCUIT JOINTER BLADES



Fits most popular makes of plate jointer machines. Chip limiting style.

Part#	Dia.	Tooth	Plate	Kerf	Bore
BJ 100	100mm	6T	3.0	4.0	22mm
BJ 100-2	100mm	6T	3.0	4.0	22mm

BJ100-2 has 4 countersunk pinholes for Lamello Top 20SF machine

## BEVELING BLADES FOR ALIGN RITE MACHINES

Precision ground and matched outside diameters insure consistent bevels.

Part#	Dia.	Tooth	Tooth Style	Plate	Kerf	Bore
43824-LH	4 3/8"	24T	5LH	.095	.127	20mm
43824-RH	4 3/8"	24T	5RH	.095	.127	20mm

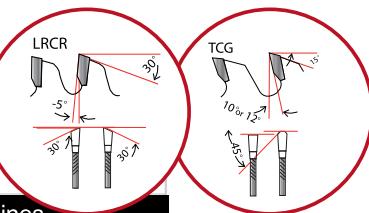
## GROOVERS

Designed for making high numbers of grooves. The 24 tooth has a shear face and is designed for composite material. 265k groovers are slightly over-size to ensure groove is 1/4" even after many sharpenings.

Part#	Dia.	Tooth	Grind	Plate	Kerf	Bore
GRV12	8"	12T	10ST	.165P	.265K	5/8"
GRV24	8"	24T	N5ST	.165P	.265K	5/8"
GRV40-18	8"	40T	5ST	.085P	.129K	5/8"
GRV40-316	8"	40T	5ST	.120P	.195K	5/8"
GRV40-532	8"	40T	5ST	.110P	.160K	5/8"
GRV40	8"	40T	5ST	.165P	.250K	5/8"

## PANEL SIZING BLADES

These blades have been manufactured in accordance with the strict tolerances required to obtain optimum performance from European panel sizing saws. LXT carbide is used to prolong edge holding between sharpenings.



Part#	Dia.	Tooth	Grind	Plate	Kerf	Bore	Pinholes	Machines
M2264T	220	64T	5TCG	2.1	3.1	30mm	2/7/42	Machine
M2264NT	220	64T	N5TCG	2.1	3.1	30mm	2/7/42	Holzher
LR220	220	64T	N5LRCR	2.1	3.1	30mm	2/7/42	Holzher
M2560T	250	60T	5TCG	2.2	3.2	30mm	Universal pattern	Streibeg
M2580T	250	80T	5TCG	2.2	3.2	30mm	Universal pattern	Streibeg
M2580NT	250	80T	N5TCG	2.2	3.2	30mm	Universal pattern	Streibeg
LR250	250	80T	N5LRCR	2.2	2.9	30mm	Universal pattern	Streibeg
M3060A	300	60T	5ATB	2.2	3.2	30mm	Universal pattern	
M3060T	300	60T	10TCG	3.2	4.4	30mm	Universal pattern	Mayer, SCM
M3060T-65	300	60T	10TCG	3.2	4.4	65mm	2/9/110	
M3072A	300	72T	10ATB	2.2	3.2	30mm	Universal pattern	
LX3072	300	72T	10TCG	2.2	3.2	30mm	Universal pattern	
M3072T-75	300	72T	10TCG	3.2	4.4	75mm		Giben
M3072T-80	300	72T	10TCG	3.2	4.4	80mm	2/14/110	SCM Sigma 65
M3072NT	300	72T	N5TCG	2.5	3.3	30mm	Universal pattern	
LX1280T-30	305	80T	10TCG	2.4	3.4	30mm	Universal pattern	
M3096T	300	96T	10TCG	2.4	3.2	30mm	Universal pattern	
M3096NT	300	96T	N5TCG	2.5	3.3	30mm	Universal pattern	
LR3096	300	96T	N5LRCR	2.4	3.2	30mm	Universal pattern	
M3272T-50	320	72T	12TCG	3.2	4.4	50mm	3/13/80	Giben
M3560T-75	350	60T	10TCG	3.2	4.4	75mm		Giben
M3560T-80	350	60T	10TCG	3.2	4.4	80mm	2/14/110, 2/8/110, 4/9/100	SCM Sigma 90, Gabbiani
M3572T-30	350	72T	10TCG	3.4	4.4	30mm	2/10/60	
M3572T-60	350	72T	10TCG	3.2	4.4	60mm	2/14/100	
M3572T-114	350	72T	12TCG	3.2	4.4	1.1/4"		SCMI
M3572T-75	350	72T	10TCG	3.2	4.4	75mm		Giben
M3572T-80	350	72T	12TCG	3.2	4.4	80mm	2/9/130, 4/19/120	Selco
M3580T-30	350	80T	10TCG	2.5	3.5	30mm	Universal pattern	
M3596T	350	96T	5TCG	3.4	4.4	30mm	2/10/60	
M3772T	370	72T	12TCG	3.2	4.4	30mm		Schelling
M3872T	380	72T	10TCG	3.2	4.8	60mm	2/14/125	Holzma
M3872T-80	380	72T	10TCG	3.2	4.4	80mm	2/14/110	
M3872T-50	380	72T	10TCG	3.2	4.8	50mm	4/13/80	
M4060T-80	400	60T	10TCG	3.2	4.4	80mm	4/9/100, 2/7/110	Gabbiani, SCM
M4072T-30	400	72T	10TCG	3.2	4.4	30mm		Schelling
M4072T-75	400	72T	10TCG	3.2	4.4	75mm	4/15/105	Giben
M4072T-80	400	72T	12TCG	3.2	4.4	80mm	4/9/100, 2/14/110, 2/9/130	Gabbiani, SCM
M4272T-60	420	72T	15TCG	3.4	4.8	60mm	2/10/80, 2/14/125	Holzma
M4372T-65	430	72T	15TCG	3.2	4.4	65mm	2/9/110	H Pins
M4372T-75	430	72T	10TCG	3.2	4.4	75mm	4/15/105	Giben
M4372T-80	430	72T	10TCG	3.2	4.4	80mm	2/9/130, 4/19/120	Selco
M4396T	430	96T	10TCG	3.2	4.4	75mm	4/15/105	Giben
M4572T-60	450	72T	10TCG	3.4	4.8	60mm	2/14/125	Holzma
M4572T-80	450	72T	12TCG	3.2	4.4	80mm	2/9/130, 4/19/120	Selco
M4772T-70	470	72T	10TCG	3.2	4.4	70mm	4/12/130	
M4872T-30	480	72T	15TCG	3.2	4.4	30mm		
M5072T-75	500	72T	12TCG	3.4	4.8	75mm		Giben
M5072T-60	500	72T	12TCG	3.4	4.8	60mm	2/11/115	Holzma
M5272T-60	520	72T	12TCG	3.4	4.8	60mm		Holzma



## INDUSTRIAL DADO SETS - 2 TOOTH CHIPPERS

These stack dado sets have built their own reputation for reliability and accuracy. Extra large carbide tips are used to the outside blades and chipper teeth. Precision grinding ensures a perfect flat bottom cut dado with slight scribes on both sides of the dado. Each set consists of 2 outside blades and the following 2 wing chippers: 1-1/4" thickness; 2-1/8" thickness; 1-1/16" thickness.



Part#	Dia	Tooth	Kerf	Bore
D630	6"	30T	Max Kerf 13/16"	5/8"
D824	8"	24T	Max Kerf 13/16"	5/8"
D8241	8"	24T	Max Kerf 13/16"	1"
D840	8"	40T	Max Kerf 13/16"	5/8"
D8401	8"	40T	Max Kerf 13/16"	1"
D840N	8"	40T	Max Kerf 13/16"-1/64"	5/8"
D1024	10"	24T	Max Kerf 13/16"	5/8"
D10241	10"	24T	Max Kerf 13/16"	1"
D1040	10"	40T	Max Kerf 13/16"	5/8"
D10401	10"	40T	Max Kerf 13/16"	1"
D1224	12"	24T	Max Kerf 13/16"	1"
D1240	12"	40T	Max Kerf 13/16"	1"

D840N - Negative Hook Outside Dado Blades. Outside blades are slightly thinner, producing dados that 1/64" undersize. Ideal for making dados in plywood and composite panels. Also recommended for radial arm saws.

## ADDITIONAL CHIPPERS - 2- TOOTH DESIGN

Part#	Dia.	Thickness	Bore
CP618	6"	1/8"	5/8"
CP816	8"	1/16"	5/8"
CP818	8"	1/8"	5/8"
CP814	8"	1/4"	5/8"
CP1016	10"	1/16"	5/8"
CP1018	10"	1/8"	5/8"
CP1014	10"	1/4"	5/8"
CP10161	10"	1/16"	1"
CP10181	10"	1/8"	1"
CP10141	10"	1/4"	1"
CP1216	12"	1/16"	1"
CP1218	12"	1/8"	1"
CP1214	12"	1/4"	1"

## T-SERIES DADO HEADS-FULL BODY CHIPPERS

Multi- tooth chippers make these sets well suited for high production grooving in composite materials. This super fine dado set cut smooth, perfect flat-bottom dados that are free of splinters or chipping. Recommended for heavy duty machinery only. Set consists of 2 outside blades, 4-1/8" chippers, 1 - 1/16" chipper.

Part#	Dia.	Tooth	Kerf	Bore
T8	8"	40T	Max Kerf 13/16"	5/8"
T8N	8"	40T	Max Kerf 13/16"	5/8"
T10	10"	60T	Max Kerf 13/16"	1"

T8N has negative hook outside blades for use on laminates and veneers.

## ADDITIONAL CHIPPERS - T-SERIES DADO

Part#	Dia.	Thickness	Bore
CPT8	8"	1/8"	5/8"
CPT10	10"	1/8"	1"

## CORRUGATED BACK MOULDER STEEL

Knives are creep feed crush ground and salt bath heat treated. All knives are square back with 60 degree corrugations; 16 corrugations per inch.

Part#	Length	Width	Thickness		
CR11414	25"	x	1.1/4"	x	1/4"
CR114516	25"	x	1.1/4"	x	5/16"
CR11214	25"	x	1.1/2"	x	1/4"
CR112516	25"	x	1.1/2"	x	5/16"
CR13414	25"	x	1.3/4"	x	1/4"
CR134516	25"	x	1.3/4"	x	5/16"
CR214	25"	x	2"	x	1/4"
CR2516	25"	x	2"	x	5/16"
CR21414	25"	x	2.1/4"	x	1/4"
CR214516	25"	x	2 1/4"	x	5/16"
CR212516	25"	x	2 1/2"	x	5/16"
CR234516	25"	x	2.3/4"	x	5/16"
CR3516	25"	x	3"	x	5/16"



## WILLIAMS & HUSSEY STYLE KNIVES

High speed steel knives with hole pattern for Williams and Hussey moulders.

Part#	Length	Width	Thickness		
WH2316	25"	x	2"	x	3/16"
WH214	25"	x	2"	x	1/4"
WH21414	25"	x	2 1/4"	x	1/4"
WH21214	25"	x	2 1/2"	x	1/4"
WH21414-CR	25"	x	2.1/4"	x	1/4" with Corrugated back
WH21214-CR	25"	x	2.1/2"	x	1/4" with Corrugated back



## CARBIDE TIPPED CORRUGATED BACK MOULDER STEEL

For use on hardwood and MDF applications where long runs are required.

Part#	Length	Width	Thickness	Inlay Width
CB25112	25"	x	1.1/2"	x 14mm inlay
CB25134	25"	x	1.3/4"	x 25mm inlay
CB252	25"	x	2"	x 25mm inlay
CB25238	25"	x	2 3/8"	x 35mm inlay



## PLANER AND JOINTER KNIVES – BAR STOCK

These long knives are sharpened, ready to be cut down to set lengths for planers and jointers.

Part#	Length	Width	Thickness		
HS7818	41 3/4"	x	7/8"	x	1/8"
HS3418	41 3/4"	x	3/4"	x	1/8"
HS118	41 3/4"	x	1"	x	1/8"
HS11418	41 3/4"	x	1.1/4"	x	1/8"
HS114532	41 3/4"	x	1.1/4"	x	5/32"
HS312532	31"	x	2"	x	5/32"
HS31212532	31"	x	2.1/2"	x	5/32"

## PLANER AND JOINTER KNIFE SETS

These solid high speed steel knives are precision ground from premium high speed steel.

Part#	Length	Width	Thickness	
HS458-3	4"	x	5/8"	x 1/8" Jet JJ-4, Atlas, Boice, Craftsman
HS634-3	6"	x	3/4"	x 1/8"
HS658-3	6"	x	5/8"	x 1/8" Jet JJ-6, Delta Rockwell, Boice, TTL, Sunhill, Woodtek
HS61858-3	6.1/8"	x	5/8"	x 1/8" Craftsman
HS834-3	8"	x	3/4"	x 1/8" Powermatic 60, Pryor, Sunhill
HS858-3	8"	x	5/8"	x 1/8" Powermatic 60, Delta, Jet JJ-8, Woodtek, Boice Crane, TTL
HS1258-3	12"	x	5/8"	x 1/8" Powermatic
HS1358-3	13"	x	5/8"	x 1/8" Delta, Jet JPM-13, Grizzly
HS151-3	15"	x	1"	x 1/8" Delta, Jet, Grizzly, Powermatic, Woodtek, Most 15" Imports
HS161-3	16"	x	1"	x 1/8" Jet JWP-16
HS201-3	20"	x	1"	x 1/8" Northwood
HS201-4	20"	x	1"	x 1/8" Grizzly, Jet, Powermatic 209, Parks, TTL, Sunhill
HS24114532-4	24"	x	1 1/4"	x 5/32" Powermatic, Northfield
HS2511418-4	25"	x	1 1/4"	x 1/8" Imports

-3 indicates 3 piece sets, -4 indicates 4 piece sets

## CARBIDE TIPPED PLANER AND JOINTER KNIVES

For use on hardwood and MDF applications where long runs are required.

Part#	Length	Width	Thickness	Inlay Width	
TC658	6"	x	5/8"	x 11mm inlay	Jet JJ-6, Delta Rockwell, Boice, TTL, Sunhill,
TC834	8"	x	3/4"	x 11mm inlay	Powermatic 60, Pryor, Sunhill, Bridgewood
TC121	12"	x	1"	x 11mm inlay	Craftsman
TC151	15"	x	1"	x 11mm inlay	Delta, Jet, Grizzly, Powermatic, Woodtek,
TC201	20"	x	1"	x 11mm inlay	Grizzly, Jet, Powermatic 209, Parks, TTL, Sunhill,

## BUSHINGS

Precision outside diameter for a press fit.

Part#	O.D.to I.D.
B1238	Bushings 1/2" TO 3/8"
B1234	Bushings 1/2" TO 3/4"
B5812	Bushings 5/8" TO 1/2"
B5820	Bushings 5/8" TO 20MM
B3458	Bushings 3/4" TO 5/8"
B2038	Bushings 20mm to 3/8"
B158	Bushings 1" TO 5/8"

Part#	O.D.to I.D.
B120	Bushings 1" TO 20MM
B134	Bushings 1" TO 3/4"
B178	Bushings 1" TO 7/8"
B3058	Bushings 30MM TO 5/8"
B3020	Bushings 30MM TO 20MM
B301	Bushings 30MM TO 1"
B1141	Bushings 1.1/4" TO 1"

## SAW STABILIZERS

Helps stabilize blades which can result in better cuts and lower blade noise. Sold in pairs for optimum performance.

Part#	Dia.	Thickness	Bore
ST4	4"	.102	5/8"
ST61	6"	.102	1"
ST81	8"	.102	1"

## STELLITE TIPPED RESAW BANDSAW BLADES

These blades exceed performance of OEM blades in edge life, cut quality, accuracy, and overall blade life. New sizes are being added to our stock regularly, please call for availability.

Part#	Length	x	Width	x	Tooth Space	Machine	Model	
ST11221	112"		2"		3/4"	Tipped Every Tooth	MAKITA	2116
ST11221-A	112"		2.7/16"		3/4"	Tipped Alterante Tooth	MAKITA	2116
ST10131	101 3/4"		3"		3/4"	Tipped Every Tooth	RYOBI	BS-360 NR
ST11131	110 3/4"		3"		3/4"	Tipped Every Tooth	HITACHI	CB 75F
ST11131A	110 3/4"		3"		3/4"	Tipped Alterante Tooth	HITACHI	CB 75F
ST174114	174"		4"		1 1/4"	Tipped Every Tooth	HITACHI	CB 100F
ST1813114	18'1"		3"		1 1/4"	Tipped Every Tooth	VARIOUS	
ST1964112	19'6"		4"		1 1/2"	Tipped Every Tooth	VARIOUS	



More information on resaw bands can be found at [Skarpaz.com](http://Skarpaz.com)

## TREE TRIM BLADES

Super heavy duty saw plates are used to hold up the rigors of the great outdoors. These blades fit Jarraff, Sky Trim and other popular right of way maintenance equipment. Offered with and without copper plugged expansion slots.

Part#	Dia.	Tooth	Tooth Style	Plate	Kerf	Bore	
TT2472A-270	24"	72T	5ATB	.180P	.270K	1.1/2"	W/Ex. Slots
TT2472A-NES	24"	72T	5ATB	.180P	.270K	1.1/2"	No Ex. Slots

## FLEX BACK CARBON BAND SAW BLADES

Produced from precision high carbon content steel, with unique metallurgical properties, to meet international quality standards. This steel provides superior cutting performance coupled with tougher and harder teeth. The teeth are precision milled using the latest CNC technology that provides your customer faster and better cutting operations. Our unique hardening process results in a stronger and straighter blade that tolerates higher feed pressures.

Part#	Dia.	Tooth
1/4"	0.025"	4, 6, 10, 14T
3/8"	0.025"	3, 4, 6, 10T
3/8"	0.032"	3, 4, 6T
1/2"	0.025"	3, 4, 6, 10T
1/2"	0.032"	3, 4T
5/8"	0.032"	4, 10T
3/4"	0.032"	3, 4, 6T



## M2 HIGH SPEED STEEL COLD SAW BLADES

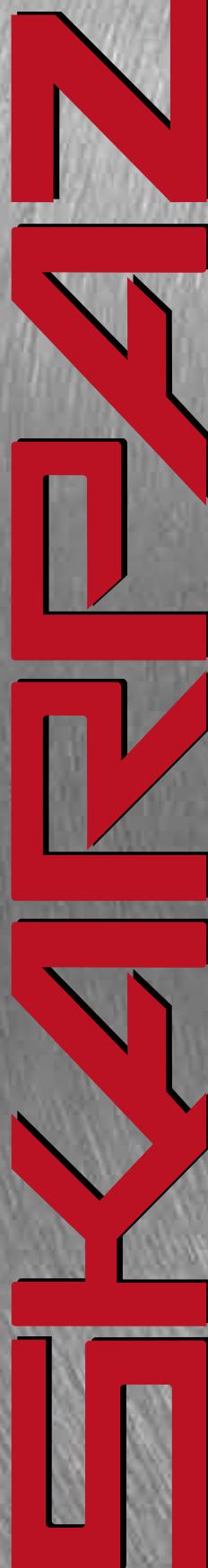
Cold Saw Blades are designed to cut ferrous and non-ferrous metals. Cold Saw blades are made from European M-2 HSS (DM05) steel and are specifically suited for use on manual, semi-automatic and fully-automatic cold saws. Cold Saw Blades come with standard pin holes and with a black steam oxide.

Part #	Diameter	Kerf	Bore
C2002032	200	2.0	32
C2252032	225	2.0	32
C2502032	250	2.0	32
C2502040	250	2.0	40
C2502532	250	2.5	32
C2502540	250	2.5	40
C2752032	275	2.0	32
C2752040	275	2.0	40
C2752532	275	2.5	32
C2752540	275	2.5	40
C3002532	300	2.5	32
C3002540	300	2.5	40
C3152532	315	2.5	32
C3152540	315	2.5	40
C3153032	315	3.0	32
C3252532	325	2.5	32
C3252540	325	2.5	40
C3252532	325	2.5	32
C3252540	325	2.5	40
C3502532	350	2.5	32
C3502540	350	2.5	40
C3503032	350	3.0	32
C3503040	350	3.0	40
C3703040	370	3.0	40
C3703050	370	3.0	50
C4003040	400	3.0	40
C4003050	400	3.0	50
C4003540	400	3.5	40
C4003550	400	3.5	50
C4504040	450	4.0	40
C4504050	450	4.0	50

Cold saw blades are toothed per your order requirement on CNC machines  
Order by description: Diameter x Thickness x Bore x Tooth Count

Standard Pinhole Patterns for HSS Cold Saws:

Bore Size	Pinhole Pattern:
32MM	2/8/45 & 2/12/64
40MM	2/9/55 & 4/12/64
50MM	4/15/80 & 4/15/85



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Version 11.17

### **ATTENTION**

*The products contained in this catalog are High Quality Precision Tools. To maintain them in optimum condition and prolong their working life the following precautions should be observed.*

*Make sure you have read and understand the machinery manufacturer's directions of the machines being used. Only operate machinery you are trained to operate.*

*Never cut materials the tool was not designed to cut.*

*Never operate machinery without proper machine guards, hold downs, and safety devices in place.*

*Do not operate any machinery without appropriate eye, hand, and face protection. Keep body and clothing a safe distance from the cutting tool.*

*Only use sharp cutting tools. The use of a dull tool will result in poor performance and is dangerous.*

*Do not exceed the maximum RPM as recommended by machinery manufacturer.*