

Silicon Steel & Carbide Blade Selection Chart (1/8" to 1" Wide)

Blade Type	Blade Thickness	Thickness of Work Material to be cut			Radius of Cut	Tooth Hook Angle	Tooth Set Pattern
Blade Width x Teeth Per Inch		Kiln Dry Wood (Unless Specified) (H) = Hardwood (S) = Softwood	Plywood, MDF & other Composites	Soft Metal & Plastic			
<u>1/8" x 14HP</u>	.025"	(H) 0" - 2" (S) 0" - 1 1/4"	1/4" - 1"	1/4"	7/32"	0°	5 Raker Set
<u>3/16 x 4PC</u>	.025	(H) 0 - 6 (S) 0 - 4			3/8	6.5	5
<u>3/16 x 10RK</u>	.025	(H) 0 - 2 1/2 (S) 0 - 1 1/2	1/4 - 2	1/2	3/8	0	5
<u>1/4 x 4PC</u>	.025	(H) 2 1/2 - 6 (S) 1 1/2 - 4			5/8	6.5	5
<u>1/4 x 6PC</u>	.025	(H) 3/4 - 2 1/2 (S) 1/2 - 1 1/2			5/8	6.5	5
<u>1/4 x 8RK</u>	.025	(H) 3/4 - 1 1/2 (S) 1/2 - 1	1/2		5/8	0	5
<u>1/4 x 10RK</u>	.025	(H) 0 - 3/4 (S) 0 - 1/2	1/4 - 1	1/2	5/8	0	5
<u>1/4 x 14RK</u>	.025		1/8 - 1/4	1/4	5/8	0	5
<u>3/8 x 3PC</u>	.025	(H) 6 - 10 (S) 5 - 8			1 1/4	6.5	5
<u>3/8 x 3AS</u>	.032	(H) & (S) 6 - 12 (green wood)			1 1/4	6.5	Alternate Set
<u>3/8 x 4PC</u>	.025	(H) 2 1/2 - 6 (S) 1 1/2 - 4			1 1/4	6.5	5
<u>3/8 x 6PC</u>	.025	(H) 3/4 - 2 1/2 (S) 1/2 - 1 1/2			1 1/4	6.5	5
<u>3/8 x 8RK</u>	.025	(H) 3/4 - 1 1/2 (S) 1/2 - 1	1/2		1 1/4	0	5
<u>3/8 x 10RK</u>	.025	(H) 0 - 3/4 (S) 0 - 1/2	1/4 - 1	1/2	1 1/4	0	5
<u>3/8 x 14RK</u>	.025		1/8 - 1/4	1/4	1 1/4	0	5
<u>1/2 x 2AS</u>	.032	(H) & (S) 6 - 12 (green wood)			2 1/2	6.5	Alternate Set
<u>1/2 x 3PC</u>	.025	(H) 6 - 10 (S) 5 - 8			2 1/2	6.5	5
<u>1/2 x 3AS</u>	.032	(H) & (S) 6 - 12 (green wood)			2 1/2	6.5	Alternate Set
<u>1/2 x 4PC</u>	.025	(H) 2 1/2 - 6 (S) 1 1/2 - 4			2 1/2	6.5	5
<u>1/2 x 6PC</u>	.025	(H) 3/4 - 2 1/2 (S) 1/2 - 1 1/2			2 1/2	6.5	5
<u>1/2 x 8RK</u>	.025	(H) 3/4 - 1 1/2 (S) 1/2 - 1	1/2		2 1/2	0	5
<u>1/2 x 10RK</u>	.025	(H) 0 - 3/4 (S) 0 - 1/2	1/4 - 1	1/2	2 1/2	0	5
<u>1/2 x 14RK</u>	.025		1/8 - 1/4	1/4	2 1/2	0	5

Blade Type	Blade Thickness	Thickness of Work Material to be cut			Radius of Cut	Tooth Hook Angle	Tooth Set Pattern
		Kiln Dry Wood (Unless Specified) (H) = Hardwood (S) = Softwood	Plywood, MDF & other Composites	Metal & Plastic			
<u>1/2 x 18RK</u>	.025		1/16 – 1/8	1/8	2 1/2	0	3
<u>3/4 x 2/3 VPC</u>	.025	(H) 8 - 12 (S) 6 - 10 (kiln & air dry)			5 7/16	6.5	5
<u>3/4 x 3AS-S</u>	.025	(H) 6 - 10 (S) 5 - 8			5 7/16	6.5	5
<u>3/4 x 3PC</u>	.032	(H) 6 - 10 (S) 5 - 8			5 7/16	6.5	5
<u>3/4 x 4PC</u>	.032	(H) 2 1/2 - 6 (S) 1 1/2 - 4			5 7/16	6.5	5
<u>3/4 x 6PC</u>	.032	(H) 3/4 - 2 1/2 (S) 1/2 - 1 1/2			5 7/16	6.5	5
<u>3/4 x 10RK</u>	.032	(H) 0- 3/4 (S) 0- 1/2	1/4 – 1	1/2	5 7/16	0	5
<u>3/4 x 14RK</u>	.032		0 – 1/4	1/4	5 7/16	0	5
<u>1 X 2PC</u>	.035	(H) 8 – 12 (S) 6 – 10 (green wood)			7 1/8	6.5	5
<u>1 x 2/3VCT (Carbide Tip)</u>	.035	(H) 3 - 12 (S) 3-10			7 1/8	6.5	Swaged Tooth (.060 kerf)
<u>1 X 3PC</u>	.035	(H) 6 - 10 (S) 5 - 8			7 1/8	6.5	5
<u>1 X 4PC</u>	.035	(H) 2 1/2 - 6 (S) 1 1/2 - 4			7 1/8	6.5	5
<u>1 X 6PC</u>	.035	(H) 3/4 - 2 1/2 (S) 1/2 - 1 1/2			7 1/8	6.5	5
<u>1 X 10RK</u>	.035	(H) 0- 3/4 (S) 0- 1/2	1/4 – 1	1/2	7 1/8	0	5



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HP = High Performance, RK = Raker, PC = Positive Claw, AS = Alternate Set,
VPC = Variable Positive Claw, AS-S = Alternate Set Special

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