

Reciprocating Saw Blades Application Chart



Series	Material	Material Thickness inches	Line	L	Fine Straight 	Coarse Straight 	Curve 	Fine angle cut Accurate angle cut	Flush cut 	Thin & Thick 	Demolition 	TPI	Page
WOOD	Coarse wood (free of nails)	<4"	Basic	6"		JS617K	JS617K					3	52
	Pruning green wood	<7"	Basic	9"		JS1111K						3	52
	Coolant: dry	<7-1/2"	Top	9-1/2"		JS1531L						5	52
	MAX RPM 2500	<10"	Basic	12"		JS1617K						3	52
	Construction wood	<4"	Top	6"	JS644D		JS644D					6	52
	Coolant: dry	<6"	Progressive	8"	JS2345X					JS2345X		6-10	53
	MAX RPM 2500	<6"	Pallet	8"	JS725VFR			JS725VFR		JS725VFR	JS725VFR	8-12	53
	Boards	<2-3/8"	Top	6"	JS644D		JS644D					6	52
	Coolant: dry	<2-3/8"	Progressive	8"	JS2345X					JS2345X		6-10	53
	MAX RPM 2500	<2-3/8"	Pallet	8"	JS725VFR			JS725VFR		JS725VFR		8-12	53
WOOD & METAL	Wooden wall cutout	<4"	Top	6"	JS644D		JS644D					6	52
	Coolant: dry	<6"	Progressive	8"	JS2345X					JS2345X		6-10	53
	MAX RPM 2500	<6"	Pallet	8"	JS725VFR			JS725VFR		JS725VFR	JS725VFR	8-12	53
		<7-1/2"	Top	9-1/2"		JS1531L						5	52
	Plastic	<4"	Top	6"	JS644D		JS644D					6	52
	Coolant: water MAX RPM 500	<6"	Progressive	8"	JS2345X					JS2345X		6-10	53
	Wood with nails/ metal	<4"	Flexible	6"	JS922HF							10	53
	Coolant: dry	<4"	Flexible	6"	JS922VF							10-14	54
	MAX RPM 2500	<4"	Heavy	6"		JS611DF	JS711DF					6	54
		<4"	Heavy	6"		JS610VF		JS610VF			JS610VF	5-8	55
	<6"	Progressive	8"		JS3456XF				JS3456XF		6-12	53	
	<6"	Pallet	8"	JS725VFR			JS725VFR		JS725VFR	JS725VFR	8-12	53	
	<7"	Flexible	9"	JS1122HF				JS1122HF			10	53	
	<7"	Flexible	9"	JS1122VF				JS1122HF			10-14	53-54	
	<7"	Heavy	9"		JS1111DF						6	55	
	<7"	Heavy	9"		JS1110VF		JS1110VF			JS1110VF	5-8	55	
	<10"	Flexible	12"	JS1222VF				JS1222VF			10-14	54	
	<10"	Heavy	12"		JS1210VF		JS1210VF			JS1210VF	5-8	55	
	<10"	Heavy	12"		JS1411DF						6	55	
Pallets	<4"	Flexible	6"	JS922HF							10	53	
Coolant: dry	<6"	Pallet	8"	JS725VFR			JS725VFR		JS725VFR	JS725VFR	8-12	53	
MAX RPM 2500	<7"	Flexible	9"	JS1122HF				JS1122HF			10	53	
Wood, chipboard	<4"	Heavy	6"		JS611DF	JS711DF					6	54	
Coolant: dry	<4"	Heavy	6"		JS610VF		JS610VF			JS610VF	5-8	55	
MAX RPM 2500	<6"	Progressive	8"		JS3456XF				JS3456XF		6-12	53	
	<6"	Pallet	8"	JS725VFR			JS725VFR		JS725VFR	JS725VFR	8-12	53	
	<7"	Heavy	9"		JS1111DF						6	55	
	<7"	Heavy	9"		JS1110VF		JS1110VF			JS1110VF	5-8	55	
	<10"	Heavy	12"		JS1210VF		JS1210VF			JS1210VF	5-8	55	
	<10"	Heavy	12"		JS1411DF						6	55	
Sheet metals	1/8" - 3/8"	Flexible	6"	JS922VF							10-14	54	
Coolant: cutting oil	1/8" - 3/8"	Flexible	9"	JS1122VF				JS1122HF			10-14	53-54	
MAX RPM 500-2000	1/8" - 3/8"	Flexible	12"	JS1222VF				JS1122HF			10-14	53-54	
	1/8" - 3/4"	Progressive	8"		JS3456XF				JS3456XF		6-12	53	
Pipes, profiles	<4"	Flexible	6"	JS922VF							10-14	54	
Coolant: cutting oil	<6"	Progressive	8"		JS3456XF					JS3456XF	6-12	53	
MAX RPM 1500	<7"	Flexible	9"	JS1122VF				JS1122HF			10-14	53-54	
	<10"	Flexible	12"	JS1222VF				JS1222VF			10-14	54	
Plastic, pipes, profiles	<4"	Heavy	6"		JS611DF	JS711DF					6	54	
Coolant: water	<6"	Progressive	8"		JS3456XF					JS3456XF	6-12	53	
MAX RPM 500	<7"	Heavy	9"		JS1111DF						6	55	
	<10"	Heavy	12"		JS1411DF						6	55	
Glass fiber reinforced plastic/epoxy	<2"	Heavy	6"		JS611DF	JS711DF					6	54	
Coolant: water	<2-3/8"	Heavy	12"		JS1411DF						6	55	
MAX RPM 500	<2-3/8"	Heavy	6"		JS610VF		JS610VF			JS610VF	5-8	55	
	<2-3/8"	Heavy	9"		JS1111DF						6	55	
	<2-3/8"	Heavy	9"		JS1110VF		JS1110VF			JS1110VF	5-8	55	
	<4"	Flexible	6"	JS922VF							10-14	54	
	<6"	Progressive	8"		JS3456XF				JS3456XF		6-12	53	
	<7"	Flexible	9"	JS1122VF				JS1122HF			10-14	53-54	
	<10"	Flexible	12"	JS1222VF				JS1222VF			10-14	54	
	<10"	Heavy	12"		JS1210VF		JS1210VF			JS1210VF	5-8	55	

Tip: Using a lubricant can extend blade lifetime up to 500%.

Reciprocating Saw Blades Application Chart



Series	Material	Material Thickness inches	Line	L	Fine Straight 	Coarse Straight 	Curve 	Fine angle cut Accurate angle cut	Flush cut 	Thin & Thick 	Demolition 	TPI	Page	
METAL	Sheet, perforated metals, (thin & thick) Coolant: cutting oil MAX RPM 500-2000	1/32" - 1/8"	Flexible	6"	JS922AF							24	56	
		1/32" - 1/8"	Flexible	9"	JS1122AF				JS1122AF				24	56
		3/64" - 5/16"	Progressive	6"	JS123XF						JS123XF		8-14	57
		1/16" - 5/32"	Flexible	6"	JS922EF								18	56
		1/16" - 5/32"	Flexible	9"	JS1122EF					JS1122EF			18	56
		5/64" - 3/8"	Heavy	6"	JS925VF							JS925VF	10-14	57
		5/64" - 3/8"	Heavy	8"	JS1025VF							JS1025VF	10-14	57
		5/64" - 3/8"	Heavy	9"	JS1125VF							JS1125VF	10-14	57
		5/64" - 3/8"	Heavy	12"	JS1225VF							JS1225VF	10-14	58
		1/8" - 5/16"	Flexible	6"	JS922BF								14	56
		1/8" - 5/16"	Flexible	9"	JS1122BF					JS1122BF			14	57
		5/32" - 1/2"	Heavy	6"			JS920CF		JS920CF			JS920CF	9	58
	5/32" - 1/2"	Heavy	9"			JS1120CF		JS1120CF			JS1120CF	9	58	
	Pipes, profiles, thin-walled (open & closed) Coolant: cutting oil MAX RPM 500-2000	<4"	Flexible	6"	JS922AF								24	56
		<4"	Flexible	6"	JS922EF								18	56
		<4"	Progressive	6"	JS123XF						JS123XF		8-14	57
		<4"	Heavy	6"	JS925VF							JS925VF	10-14	57
		<6"	Heavy	8"	JS1025VF							JS1025VF	10-14	57
		<7"	Flexible	9"	JS1122AF					JS1122AF			24	56
		<7"	Flexible	9"	JS1122EF					JS1122EF			18	56
<7"		Heavy	9"	JS1125VF							JS1125VF	10-14	57	
<10"		Heavy	12"	JS1225VF							JS1225VF	10-14	58	
Pipes, profiles, thick-walled (open & closed) Coolant: cutting oil MAX RPM 500-2000		<4"	Flexible	6"	JS922BF								14	56
		<4"	Progressive	6"	JS123XF						JS123XF		8-14	57
		<4"	Heavy	6"	JS925VF							JS925VF	10-14	57
	<4"	Heavy	6"			JS920CF		JS920CF			JS920CF	9	58	
	<6"	Heavy	8"	JS1025VF							JS1025VF	10-14	57	
	<7"	Flexible	9"	JS1122BF					JS1122BF			14	57	
	<7"	Heavy	9"	JS1125VF							JS1125VF	10-14	57	
	<7"	Heavy	9"			JS1120CF		JS1120VF			JS1120CF	9	58	
<10"	Heavy	12"	JS1225VF							JS1225VF	10-14	58		
Pipes, profiles (solid) Coolant: cutting oil MAX RPM 500-2000	<4"	Progressive	6"	JS123XF						JS123XF		8-14	57	
	<4"	Flexible	6"	JS922BF								14	56	
	<4"	Heavy	6"			JS920CF		JS920CF			JS920CF	9	58	
	<7"	Flexible	9"	JS1122BF						JS1122BF		14	57	
	<7"	Heavy	9"			JS1120CF		JS1120CF			JS1120CF	9	58	
SPECIAL	Plasterboard	<4"	Heavy	6"			JS611DF	JS711DF				6	54	
	Fibre Cement panels	<8-1/2"	Special	12"				JS1243HM		JS1243HM		2	58	
		<14"	Special	18"				JS2243HM		JS2243HM		2	58	
	Porous concrete, red brick	<8-1/2"	Special	12"				JS1243HM		JS1243HM		2	58	
<14"		Special	18"				JS2243HM		JS2243HM		2	58		

Tip: Using a lubricant can extend blade lifetime up to 500%.

BLADES LINE DESCRIPTION

Different lines help you choose the ideal blade!

- BASIC:** Cost effective
- FLEXIBLE:** Breakproof, long lifetime
- PROGRESSIVE:** Fast cutting through thin and thick material
- TOP:** Fast and efficient
- HEAVY:** Sturdy and precise

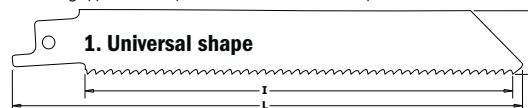
1/2" UNIVERSAL SHANK

Fits: AEG, B&D, Bosch, DeWalt, Fein, Flex, Hilti, Makita, Metabo, Milwaukee, Porter Cable, Ridgid, Rothenberger, Ryobi, Skil.



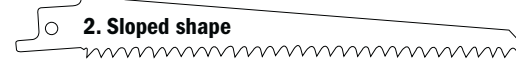
BLADES SHAPES & THICKNESS

Reciprocating saw blades can be manufactured in many various shapes and thickness. Shape and thickness are adjusted to fit the application and required flexibility. Demanding applications such as cutting tube/pipes require thick blade, while less demanding applications require narrower blade. Blade shapes are divided into three categories below:



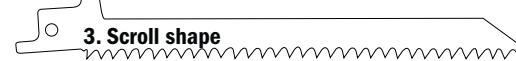
1. Universal shape

Universal blades are for general use. Their even width guarantees good cutting stability and excellent control. This enables straight edge cutting through many different materials.



2. Sloped shape

Sloped blades are commonly used for cutting wood and for demolition applications. Their narrow tip allows for plunge and curve cutting. This shape is rarely used for metal, since the tip does not have the strength required for this application.



3. Scroll shape

Scroll blades are especially used for curve cutting. The narrower the blade, the smaller the radius it can cut.