

Bi-Metal Blades

Portable Band Saw Blades

Band Saw BLADE FUNDAMENTALS

Band Saw Blades - Selection



ADVANTAGES

- High Resistance to Heat & Wear
- High Shock Resistance
- Variable Pitch Reduces Vibration

Applications

- Fit all standard portable band saw machines.
- For pipe, tubing and solids.
- Cut any machinable metal, including conduit, angle iron, structural, rebar, stainless steel tubing etc.

FEATURES

- Bi-Metal Construction
- Rc 65-67 Matrix II Cutting Edge
- Variable or Standard Pitch

BENEFITS

- Long Life
- Reduced Breakage
- Faster Cutting and Longer Life

Portable Band Saw Tech Tips

- Tech Tips**
1. Make sure teeth are facing in the correct direction. If not, turn the blade inside-out to reverse the tooth directions.
 2. When cutting stainless steel and other tough-to-machine material, rocking the blade in the cut changes the tooth's attack angle and can increase blade life.
 3. Always unplug the machine when mounting or removing blades.
 4. Make sure the 'shoe', or back-up plate is held firmly against the work.
 5. Enter the work with the blade running, rather than placing the blade on the work and then starting the machine.
 6. Make sure the tooth size is properly matched with the size of the material being cut. Maintain a minimum of 3 teeth engaged in the work.
 7. Finer (smaller) teeth produce a smoother but slower cut. Larger teeth produce a rougher but faster cut.
 8. After mounting the blade, run it for several seconds to seat the blade before attempting to cut.

Specifications - Variable Pitch

Length			OUR MOST POPULAR BLADE STYLES		
Inches	mm	TPI	PART NO.	PRICE	Set
44 7/8 x 1/2 x .020	1140 x 12.7 x .50	10/14	ZWEP441014MC	\$13.99 EA	Wavy
44 7/8 x 1/2 x .020	1140 x 12.7 x .50	14/18	ZWEP441418MC	\$13.99 EA	Wavy
44 7/8 x 1/2 x .020	1140 x 12.7 x .50	20/24	ZWEP442024MC	\$13.99 EA	Wavy
53 3/4 x 1/2 x .020	1365 x 12.7 x .50	10/14	ZWEP531014	\$15.25 EA	Wavy
Standard Pitch					
44 7/8 x 1/2 x .020	1140 x 12.7 x .50	10	ZWEP4410R	\$13.85 EA	Raker
44 7/8 x 1/2 x .020	1140 x 12.7 x .50	14	ZWEP4414W	\$13.85 EA	Wavy
44 7/8 x 1/2 x .020	1140 x 12.7 x .50	18	ZWEP4418W	\$13.85 EA	Wavy
44 7/8 x 1/2 x .020	1140 x 12.7 x .50	24	ZWEP4424W	\$13.85 EA	Wavy
53 3/4 x 1/2 x .020	1365 x 12.7 x .50	10	ZWEP5310R	\$14.96 EA	Raker
53 3/4 x 1/2 x .020	1365 x 12.7 x .50	14	ZWEP5314W	\$14.96 EA	Wavy
53 3/4 x 1/2 x .020	1365 x 12.7 x .50	18	ZWEP5318W	\$14.96 EA	Wavy
53 3/4 x 1/2 x .020	1365 x 12.7 x .50	24	ZWEP5324W	\$14.96 EA	Wavy

PITCH GAUGE			
10 TEETH PER INCH For Material 1/2" Thick & Over	14 TEETH PER INCH For Material 1/4-1/2" Thick	18 TEETH PER INCH For Material 1/8-1/4" Thick	24 TEETH PER INCH For Material 1/8" Thick & Under

Carbon Blades



FEATURES

- Carbon Steel Construction

ADVANTAGES

- Low Cost

BENEFITS

- Reduced Operating Expense in Mild Steel

Specifications - Standard Pitch

Length			PART NO.	PRICE	Set
Inches	mm	TPI			
44 7/8 x 1/2 x .020	1140 x 12.7 x .50	6	ZHEP4406	\$5.60 EA	Raker
44 7/8 x 1/2 x .020	1140 x 12.7 x .50	10	ZHEP4410	\$5.60 EA	Raker
44 7/8 x 1/2 x .020	1140 x 12.7 x .50	14	ZHEP4414W	\$5.60 EA	Wavy
44 7/8 x 1/2 x .020	1140 x 12.7 x .50	18	ZHEP4418W	\$5.60 EA	Wavy
44 7/8 x 1/2 x .020	1140 x 12.7 x .50	24	ZHEP4424W	\$5.60 EA	Wavy
53 3/4 x 1/2 x .020	1365 x 12.7 x .50	10	ZHEP5310	\$6.18 EA	Raker
53 3/4 x 1/2 x .020	1365 x 12.7 x .50	14	ZHEP5314W	\$6.18 EA	Wavy
53 3/4 x 1/2 x .020	1365 x 12.7 x .50	18	ZHEP5318W	\$6.18 EA	Wavy
53 3/4 x 1/2 x .020	1365 x 12.7 x .50	24	ZHEP5324W	\$6.18 EA	Wavy

Applications

- Fit all standard portable band saw machines.
- For pipe, tubing and solids.
- For easy to machine metals.

Portable Band Saw Blade Cross Reference Chart

Machine	Blade Size Inches	Blade Type	10 Tooth	14 Tooth	18 Tooth	24 Tooth
MORSE	44 7/8 x 1/2 x .020	Carbon	ZHEP4410R	ZHEP4414W	ZHEP4418W	ZHEP4424W
	53 3/4 x 1/2 x .020	Bi-Metal	ZWEP4410R	ZWEP4414W	ZWEP4418W	ZWEP4424W
	53 3/4 x 1/2 x .020	Carbon	ZHEP5310R	ZHEP5314W	ZHEP5318W	ZHEP5324W
(FOR PRICES ON 54" BLADES USE 53 3/4" PRICING)	54 x 1/2 x .025	Bi-Metal	ZWEP5310R	ZWEP5314W	ZWEP5318W	ZWEP5324W
		Carbon	ZHEP5410R	ZHEP5414W	ZHEP5418W	ZHEP5424W
Black & Decker Models 3120, 3121, 3122, 3123	44 7/8 x 1/2 x .020	Carbon	31200	31201	31202	31203
		High Speed	31212	31213	31214	31215
		Bi-Metal	31216	31218	31220	31222
Makita Model 2106	44 7/8 x 1/2 x .020	Carbon	792567-A	792560-A	792559-A	792558-A
		Bi-Metal	792557-B	792557-A	792556-A	792555-A
Milwaukee Models 6225, 6226, 6227, 6230, 6232, 623	44 7/8 x .020	Carbon	48-39-0070	48-39-0080	48-39-0090	48-39-0100
		High Speed	48-39-0350	48-39-0360	48-39-0370	48-39-0380
		Bi-Metal	48-39-0500	48-39-0510	48-39-0520	48-39-0530
Ridgid Models 941, 942, 943 Model 944	44 7/8 x 1/2 x .020	Carbon	48-39-0450	48-39-0460	48-39-0470	48-39-0480
		Carbon	E1262	E1263	E1264	--
		High Speed	E2842	E2843	E2844	E2845
Porter-Cable Models 7721, 7724, 725, 736, 9725 Model 9728	44 7/8 x 1/2 x .020	Carbon	E2847	E2847	E2848	E2777
		Carbon	45242	45244	45248	45250
		High Speed	45273	45275	45277	45279
	53 3/4 x 1/2 x .020	Bi-Metal	--	45288	45289	--
		Carbon	45266	45267	45268	45269
		High Speed	45280	45281	45282	45283

TUNGSTEN CARBIDE GRIT



APPLICATIONS:

- Cuts materials others can't.
- Fits all standard portable band saw machines
- Cut glass, fiberglass & titanium

CONTINUOUS MEDIUM GRIT

Inches	mm	PART NO.	PRICE
44 7/8 X 1/2 X .025	1140 X 12.7 X .50	ZTCG44	\$62.25 EA
53 3/4 X 1/2 X .025	1365 X 12.7 X .50	ZTCG53	\$77.60 EA