

Z-Saw cuts on the pull stroke.

FASTER – EASIER – MORE ACCURATE



CATALOG

Z-Saws are made to cut on the pull stroke. This allows for a thinner blade, which removes less material, making sawing easier, faster and more accurate. Z-Saw blades are made from durable spring steel, Impulse hardened to retain their sharpness. Interchangeable blades styles match any task, from rough cuts to fine woodworking; any blade can be used with either style handle among the same fitting group.

Okada Hardware Mfg. Co., Ltd.

Hook-Fit
Screw-Fit
Pin-Fit

- 1 -

GREEN WOOD	PRUNING	SHORT GRIP HANDLE	<div> <div>50032 PRUNING S-175</div> <div>50031 PRUNING PS-175</div> <div>50061 PRUNING FINE PS-200</div> <div>50084 PRUNING MEDIUM PS-200</div> <div>50178 UTILITY TAPERED H-240</div> <div>50100 PRUNING COARSE PS-230</div> <div>Scabbard</div> <div>*1</div> <div>*2</div> <div>*3</div> <div>P.15</div> </div>	
		FOLDING	<div> <div>50221 ORICCO PRUNING H-210</div> <div>50223 ORICCO PRUNING H-240</div> <div>50122 TUCK IN COARSE P-210</div> <div>50123 TUCK IN COARSE P-240</div> <div>50224 ORICCO PRUNING H-270</div> </div>	
	POLE HANDLE		<div> <div>50221 ORICCO PRUNING H-210</div> <div>50224 ORICCO PRUNING H-270</div> </div>	
BAMBOO			<div> <div>50130 BAMBOO H-150</div> <div>50033 BAMBOO & PLATICS S-175</div> <div>50177 UTILITY H-240</div> <div>50183 BAMBOO H-270</div> <div>50210 BAMBOO S-270</div> </div>	
PLASTCS, SIDING BOARD (Gypsum Board, Plaster Board)	ORDINARY SAWING		<div> <div>50170 SIDING H-120</div> <div>50174 UTILITY TAPERED H-180</div> <div>50178 UTILITY TAPERED H-240</div> <div>50179 UTILITY FLUSH H-240</div> <div>50194 UTILITY H-300</div> </div>	
		COMPASS or KEYHOLE CUT	<div> <div>50108 DRYWALL S-90</div> </div>	
METAL			<div> <div>50181 PAIMAN H-240</div> <div>50244 HSS PAIMAN H-240</div> <div>Nonferrous Materials</div> <div>Ferrous & Nonferrous Materials</div> </div>	

P.number on each picture shows the page detailing the blade or the handle.

A

50128

PANEL PIERCING H-150

Sawn wood, Fine cross cut, Slit piercing



47 mm

Blade Length	Tooth Spacing	Thickness	Kerf
150 mm	1.41 mm	0.30 mm	0.49 mm
Surface Treatment		Oil Coated	

50129

DOZUKI H-150

Sawn wood, Super fine cross cut



47 mm

Blade Length	Tooth Spacing	Thickness	Kerf
150 mm	1.00 mm	0.30 mm	0.40 mm
Surface Treatment		Oil Coated	

50130

BAMBOO H-150

Bamboo, Super fine cut



47 mm

Blade Length	Tooth Spacing	Thickness	Kerf
150 mm	1.00 mm	0.30 mm	0.46 mm
Surface Treatment		Oil Coated	

50131

PANEL NARROW H-240

Sawn wood, Fine cross cut



51 mm

Blade Length	Tooth Spacing	Thickness	Kerf
240 mm	1.50 mm	0.30 mm	0.49 mm
Surface Treatment		Oil Coated	

50134

PANEL WIDE H-240

Sawn wood, Fine cross cut



61 mm

Blade Length	Tooth Spacing	Thickness	Kerf
240 mm	1.50 mm	0.30 mm	0.51 mm
Surface Treatment		Oil Coated	

50135

PANEL PIERCING H-240

Sawn wood, Fine cross cut, Slit piercing



61 mm

Blade Length	Tooth Spacing	Thickness	Kerf
240 mm	1.50 mm	0.30 mm	0.51 mm
Surface Treatment		Oil Coated	

B

50136

DOZUKI H-240

Sawn wood, Super fine cross cut



61 mm

Blade Length	Tooth Spacing	Thickness	Kerf
240 mm	1.00 mm	0.30 mm	0.40 mm
Surface Treatment		Oil Coated	

50139

DOZUKI WIDE H-240

Sawn wood, Super fine cross cut



73 mm

Blade Length	Tooth Spacing	Thickness	Kerf
240 mm	1.00 mm	0.30 mm	0.40 mm
Surface Treatment		Oil Coated	

C

50152
CROSS H-225

Sawn wood, Fine cross cut



Blade Length	Tooth Spacing	Thickness	Kerf
225 mm	1.20 mm	0.40 mm	0.56 mm
Surface Treatment		Oil Coated	

50237
HANDY UTILITY H-200

Sawn wood, Universal



Blade Length	Tooth Spacing	Thickness	Kerf
200 mm	1.75 mm	0.50 mm	0.70 mm
Surface Treatment		Electroless Ni-P Plated	

Recommended handle : STRAIGHT H-150

50162
RIP H-250

Sawn wood, Rip cut



Blade Length	Tooth Spacing	Thickness	Kerf
250 mm	—	0.50 mm	0.70 mm
Surface Treatment		Clear Coated	

50163
HARDWOOD H-250

Sawn wood, Cross cut



Blade Length	Tooth Spacing	Thickness	Kerf
250 mm	1.75 mm	0.50 mm	0.68 mm
Surface Treatment		Electroless Ni-P Plated	

50164
CROSS H-250

Sawn wood, Fine cross cut



Blade Length	Tooth Spacing	Thickness	Kerf
250 mm	1.40 mm	0.50 mm	0.66 mm
Surface Treatment		Oil Coated	

D

50165
UNIVERSAL H-250

Sawn wood, Universal



Blade Length	Tooth Spacing	Thickness	Kerf
250 mm	1.40 mm	0.50 mm	0.66 mm
Surface Treatment		Oil Coated	

50185
CROSS H-265

Sawn wood, Cross cut



Blade Length	Tooth Spacing	Thickness	Kerf
265 mm	1.75 mm	0.60 mm	0.92 mm
Surface Treatment		Oil Coated	

50186
CROSS CONVEX H-265

Sawn wood, Cross cut



Blade Length	Tooth Spacing	Thickness	Kerf
265 mm	1.75 mm	0.60 mm	0.88 mm
Surface Treatment		Oil Coated	

D

50187
UNIVERSAL H-265 Sawn wood, Universal

Blade Length	Tooth Spacing	Thickness	Kerf
265 mm	1.75 mm	0.60 mm	0.92 mm
Surface Treatment		Oil Coated	

50193
BAMBOO H-270 Bamboo

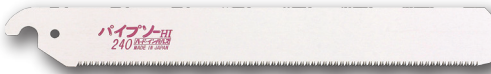
Blade Length	Tooth Spacing	Thickness	Kerf
270 mm	1.75 mm	0.66 mm	0.96 mm
Surface Treatment		Electroless Ni-P Plated	

50170
SIDING H-120 Siding board, Gypsum board

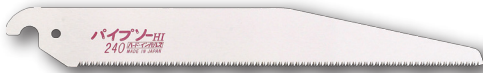
Blade Length	Tooth Spacing	Thickness	Kerf
120 mm	1.50 mm	0.60 mm	0.69 mm
Surface Treatment		Electroless Ni-P Plated	

50174
UTILITY TAPERED H-180 Plastic board·pipe, Bamboo, Siding board

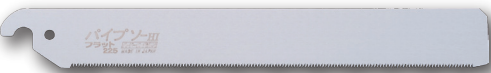
Blade Length	Tooth Spacing	Thickness	Kerf
180 mm	1.50 mm	0.60 mm	0.93 mm
Surface Treatment		Electroless Ni-P Plated	

50177
UTILITY H-240 Plastic board·pipe, Bamboo, Siding board

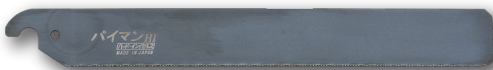
Blade Length	Tooth Spacing	Thickness	Kerf
225 mm	1.50 mm	0.60 mm	0.93 mm
Surface Treatment		Electroless Ni-P Plated	

50178
UTILITY TAPERED H-240 Plastic board·pipe, Bamboo, Siding board

Blade Length	Tooth Spacing	Thickness	Kerf
225 mm	1.50 mm	0.60 mm	0.93 mm
Surface Treatment		Electroless Ni-P Plated	

50179
UTILITY FLUSH H-240 Plastic board·pipe, Bamboo, Siding board

Blade Length	Tooth Spacing	Thickness	Kerf
225 mm	1.50 mm	0.60 mm	0.60 mm
Surface Treatment		Electroless Ni-P Plated	

50181
PAIMAN H-240 Nonferrous metal pipe, Plastic pipe(copper, brass, lead,
aluminium)

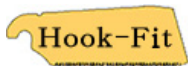
Blade Length	Tooth Spacing	Thickness	Kerf
225 mm	1.41mm	0.60 mm	1.00 mm
Surface Treatment		Black Oxide Coated	

50244
HSS PAIMAN H-240 Ferrous metal pipe(iron, copper, brass,
lead, aluminium)

Blade Length	Tooth Spacing	Thickness	Kerf
225 mm	1.41mm	0.70 mm	1.15 mm
Surface Treatment		Black Oxide Coated	

※ HSS : high-speed steel

E



Blades

Fitting
Group

F

50194
UTILITY H-300

Plastic board, pipe, Bamboo, Siding board



Blade Length	Tooth Spacing	Thickness	Kerf
300 mm	1.50 mm	0.66 mm	1.02 mm
Surface Treatment		Electroless Ni-P Plated	

50198
RIP H-300

Sawn wood, Rip cut



Blade Length	Tooth Spacing	Thickness	Kerf
300 mm	—	0.66 mm	0.93 mm
Surface Treatment		Oil Coated	

50213
CROSS CONVEX H-300

Sawn wood, Cross cut



Blade Length	Tooth Spacing	Thickness	Kerf
300 mm	2.15 mm	0.70 mm	1.00 mm
Surface Treatment		Oil Coated	

G

50214
UNIVERSAL H-300

Sawn wood, Universal



Blade Length	Tooth Spacing	Thickness	Kerf
300 mm	2.15 mm	0.70 mm	1.75 mm
Surface Treatment		Oil Coated	

50236
FRAMING H-333

Sawn wood, Framing



Blade Length	Tooth Spacing	Thickness	Kerf
333 mm	2.80 mm	0.90 mm	1.30 mm
Surface Treatment		Oil Coated	

H

50230
FRAMING H-273

Sawn wood, Framing, Pruning



Blade Length	Tooth Spacing	Thickness	Kerf
273 mm	2.40 mm	0.90 mm	1.10 mm
Surface Treatment		Teflon Coated	

I

50221
ORICCO PRUNING H-210

Pruning

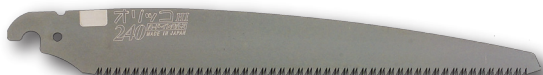


Blade Length	Tooth Spacing	Thickness	Kerf
210 mm	2.30 mm	0.80 mm	1.10 mm
Surface Treatment		Teflon Coated	

J

50223
ORICCO PRUNING H-240

Pruning

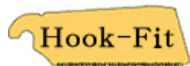


Blade Length	Tooth Spacing	Thickness	Kerf
240 mm	2.40 mm	0.80 mm	1.10 mm
Surface Treatment		Teflon Coated	

Blades

Fitting Group

K



50224
ORICCO PRUNING H-270

Pruning



Blade Length	Tooth Spacing	Thickness	Kerf
270 mm	2.40 mm	0.80 mm	1.10 mm
Surface Treatment		Teflon Coated	

Fitting Group



50121
TUCK IN FINE P-210

Sawn wood, Universal, Framing, Bamboo



Blade Length	Tooth Spacing	Thickness	Kerf
210 mm	2.15 mm	0.80 mm	1.08 mm
Surface Treatment		Electroless Ni-P Plated	

L

50122
TUCK IN COARSE P-210

Sawn wood, Universal, Framing, Pruning



Blade Length	Tooth Spacing	Thickness	Kerf
210 mm	3.00 mm	0.90 mm	1.18 mm
Surface Treatment		Electroless Ni-P Plated	

M

50120
TUCK IN CARPENTRY P-240

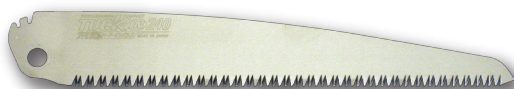
Sawn wood, Universal



Blade Length	Tooth Spacing	Thickness	Kerf
240 mm	1.75 mm	0.70 mm	0.95 mm
Surface Treatment		Electroless Ni-P Plated	

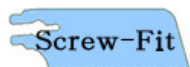
50123
TUCK IN COARSE P-240

Sawn wood, Universal, Pruning, Framing



Blade Length	Tooth Spacing	Thickness	Kerf
240 mm	3.20 mm	1.00 mm	1.28 mm
Surface Treatment		Electroless Ni-P Plated	

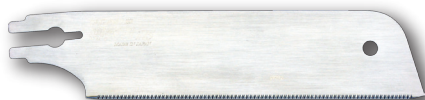
Fitting Group



50004
DOZUKI S-175

Sawn wood, Super fine cross cut

Available for Saw Guide mini



Blade Length	Tooth Spacing	Thickness	Kerf
180 mm	1.00 mm	0.30 mm	0.40 mm
Surface Treatment		Oil Coated	

Recommended handle : PISTOL S-117

N

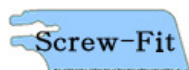
50011
FLUSH S-145

Sawn wood, Flush cut (Fine cross cut)



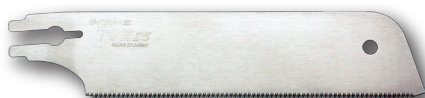
Blade Length	Tooth Spacing	Thickness	Kerf
150 mm	1.20 mm	0.40 mm	0.40 mm
Surface Treatment		Electroless Ni-P Plated	

Recommended handle : STRAIGHT S-150


50024
CROSS S-175

Sawn wood, Fine cross cut

Available for Saw Guide mini

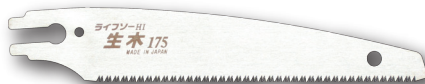


Blade Length	Tooth Spacing	Thickness	Kerf
180 mm	1.20 mm	0.40 mm	0.56 mm
Surface Treatment		Oil Coated	

Recommended handle : STRAIGHT S-160

50032
PRUNING S-175

Pruning



Blade Length	Tooth Spacing	Thickness	Kerf
180 mm	2.15 mm	0.50 mm	0.66 mm
Surface Treatment		Electroless Ni-P Plated	

Recommended handle : PISTOL S-117

50033
BAMBOO & PLASTICS S-175

Bamboo, Plastics



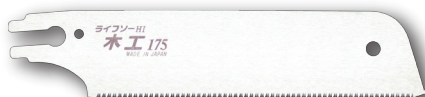
Blade Length	Tooth Spacing	Thickness	Kerf
180 mm	1.50 mm	0.50 mm	0.80 mm
Surface Treatment		Electroless Ni-P Plated	

Recommended handle : PISTOL S-117

50034
UNIVERSAL S-175

Sawn wood, Universal

Available for Saw Guide mini



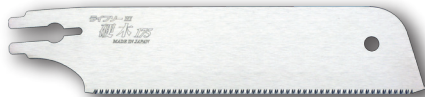
Blade Length	Tooth Spacing	Thickness	Kerf
180 mm	1.40 mm	0.50 mm	0.66 mm
Surface Treatment		Electroless Ni-P Plated	

Recommended handle : PISTOL S-117

50035
HARDWOOD S-175

Sawn wood, Universal

Available for Saw Guide mini



Blade Length	Tooth Spacing	Thickness	Kerf
180 mm	1.50 mm	0.50 mm	0.68 mm
Surface Treatment		Electroless Ni-P Plated	

Recommended handle : PISTOL S-117

50041
DOUBLE EDGE S-250

Sawn wood, Cross & Rip

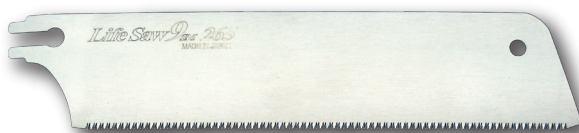


Blade Length	Tooth Spacing	Thickness	Kerf
250 mm	1.40 mm	0.50 mm	0.70 mm
Surface Treatment		Clear Coated	

Recommended handle : STRAIGHT S-300 Wood

50065
UNIVERSAL S-265

Sawn wood, Universal

Available for
Saw Guide &
Saw Guide F

Blade Length	Tooth Spacing	Thickness	Kerf
265 mm	1.75 mm	0.60 mm	0.92 mm
Surface Treatment		Electroless Ni-P Plated	

Recommended handle : PISTOL S-160 Green
PISTOL S-143 Orange
50101
FRAMING S-270

Sawn wood, Framing



Blade Length	Tooth Spacing	Thickness	Kerf
270 mm	2.40 mm	0.80 mm	1.10 mm
Surface Treatment		Electroless Ni-P Plated	

Recommended handle : PISTOL S-155

Fitting
Group

N

50107
COMPASS S-80



Sawn wood, Universal, Gypsum board

Blade Length	Tooth Spacing	Thickness	Kerf
80 mm	1.60 mm	0.90 mm	1.30 mm
Surface Treatment		Electroless Ni-P Plated	

Recommended handle : PISTOL S-117

50108
DRYWALL S-90



Sawn wood, Universal, Gypsum board

Blade Length	Tooth Spacing	Thickness	Kerf
90 mm	1.60 mm	0.90 mm	1.36 mm
Surface Treatment		Electroless Ni-P Plated	

Recommended handle : PISTOL S-117

50109
COMPASS S-150



Sawn wood, Universal, Gypsum board

Blade Length	Tooth Spacing	Thickness	Kerf
150 mm	1.60 mm	0.90 mm	1.30 mm
Surface Treatment		Electroless Ni-P Plated	

Recommended handle : PISTOL S-117

50110
COMPASS S-210

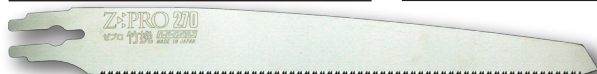


Sawn wood, Universal, Gypsum board

Blade Length	Tooth Spacing	Thickness	Kerf
210 mm	1.60 mm	0.90 mm	1.30 mm
Surface Treatment		Electroless Ni-P Plated	

Recommended handle : PISTOL S-117

50210
BAMBOO S-270



Bamboo

Blade Length	Tooth Spacing	Thickness	Kerf
270 mm	2.00 mm	0.80 mm	1.05 mm
Surface Treatment		Electroless Ni-P Plated	

Recommended handle : PISTOL S-155

50031
PRUNING PS-170



Pruning

Blade Length	Tooth Spacing	Thickness	Kerf
170 mm	2.15 mm	0.50 mm	0.64 mm
Surface Treatment		Electroless Ni-P Plated	

50061
PRUNING FINE PS-200



Pruning

Blade Length	Tooth Spacing	Thickness	Kerf
200 mm	2.40 mm	0.60 mm	0.76 mm
Surface Treatment		Electroless Ni-P Plated	

O

50084
PRUNING MEDIUM PS-200



Pruning

Blade Length	Tooth Spacing	Thickness	Kerf
200 mm	3.30 mm	0.70 mm	0.90 mm
Surface Treatment		Electroless Ni-P Plated	

50100
PRUNING COARSE PS-230



Pruning

Blade Length	Tooth Spacing	Thickness	Kerf
230 mm	4.00 mm	0.80 mm	1.02 mm
Surface Treatment		Electroless Ni-P Plated	


















Handles

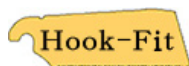
Hook-Fit		Handles					
Fitting Group							
A	50301 STRAIGHT H-190 Wood SB	Wood (Ratan wound)	<table><tr><td>Handle Length</td></tr><tr><td>190 mm</td></tr><tr><td>Overall Length</td></tr><tr><td>338 mm</td></tr></table>	Handle Length	190 mm	Overall Length	338 mm
	Handle Length						
190 mm							
Overall Length							
338 mm							
B	50304 STRAIGHT H-270 Wood LB	Wood (Ratan wound)	<table><tr><td>Handle Length</td></tr><tr><td>270 mm</td></tr><tr><td>Overall Length</td></tr><tr><td>494 mm</td></tr></table>	Handle Length	270 mm	Overall Length	494 mm
	Handle Length						
270 mm							
Overall Length							
494 mm							
C	50305 STRAIGHT H-270 Wood	Wood (Paulownia)	<table><tr><td>Handle Length</td></tr><tr><td>270 mm</td></tr><tr><td>Overall Length</td></tr><tr><td>328 mm</td></tr></table>	Handle Length	270 mm	Overall Length	328 mm
	Handle Length						
270 mm							
Overall Length							
328 mm							
D	50369 STRAIGHT H-150	Plastic (Elastic skinned)	<table><tr><td>Handle Length</td></tr><tr><td>150 mm</td></tr><tr><td>Overall Length</td></tr><tr><td>206 mm</td></tr></table>	Handle Length	150 mm	Overall Length	206 mm
	Handle Length						
	150 mm						
	Overall Length						
	206 mm						
	50306 STRAIGHT H-300 Wood	Wood (Ratan wound)	<table><tr><td>Handle Length</td></tr><tr><td>300 mm</td></tr><tr><td>Overall Length</td></tr><tr><td>358 mm</td></tr></table>	Handle Length	300 mm	Overall Length	358 mm
	Handle Length						
300 mm							
Overall Length							
358 mm							
50308 STRAIGHT H-300 Puff	Plastic (Elastic skinned)	Hook-fit handle with an inertial piston inside to puff the saw line clear of sawdust.					
50309 STRAIGHT H-300 Red	Aluminum (Elastic skinned)						
50310 STRAIGHT H-300 Blue	Aluminum (Elastic skinned)						
50311 STRAIGHT H-300 Black	Aluminum (Elastic skinned)						

Hook-Fit

Handles

Hook-Fit		Handles						
Fitting Group								
E	50302 STRAIGHT H-240 Wood LH	Wood	 	<table><tr><td>Handle Length</td></tr><tr><td>240 mm</td></tr><tr><td>Overall Length</td></tr><tr><td>298 mm</td></tr></table>	Handle Length	240 mm	Overall Length	298 mm
	Handle Length							
	240 mm							
	Overall Length							
	298 mm							
50303 STRAIGHT H-240 Wood SH	Wood	 	<table><tr><td>Handle Length</td></tr><tr><td>240 mm</td></tr><tr><td>Overall Length</td></tr><tr><td>286 mm</td></tr></table>	Handle Length	240 mm	Overall Length	286 mm	
Handle Length								
240 mm								
Overall Length								
286 mm								
50321 PISTOL H-126 Yellow	Plastic (ABS)	 	<table><tr><td>Handle Length</td></tr><tr><td>126 mm</td></tr><tr><td>Overall Length</td></tr><tr><td>169 mm</td></tr></table>	Handle Length	126 mm	Overall Length	169 mm	
Handle Length								
126 mm								
Overall Length								
169 mm								
50322, 50323 PISTOL H-126 Blue, Red	Plastic (Elastic skinned)	 						
F	50325 PISTOL H-146 SH	Plastic (Elastic skinned)	 	<table><tr><td>Handle Length</td></tr><tr><td>146 mm</td></tr><tr><td>Overall Length</td></tr><tr><td>189 mm</td></tr></table>	Handle Length	146 mm	Overall Length	189 mm
	Handle Length							
146 mm								
Overall Length								
189 mm								
G	50307 STRAIGHT H-330 Wood	Wood (Ratan wound)	 	<table><tr><td>Handle Length</td></tr><tr><td>330 mm</td></tr><tr><td>Overall Length</td></tr><tr><td>388 mm</td></tr></table>	Handle Length	330 mm	Overall Length	388 mm
	Handle Length							
330 mm								
Overall Length								
388 mm								
50312 STRAIGHT H-330 Orange	Aluminum (Elastic skinned)	 						
H	50320 PISTOL H-150 Wood	Wood		<table><tr><td>Handle Length</td></tr><tr><td>150 mm</td></tr><tr><td>Overall Length</td></tr><tr><td>205 mm</td></tr></table>	Handle Length	150 mm	Overall Length	205 mm
Handle Length								
150 mm								
Overall Length								
205 mm								

Fitting Group
I
J
K



50331
FOLDING H-210

Plastic (Elastic skinned)



Handle Length
213 mm
Overall Length
284 mm

50332
FOLDING H-240

Plastic (Elastic skinned)



Handle Length
242 mm
Overall Length
313 mm

50333
FOLDING H-270

Plastic (Elastic skinned)



Handle Length
271 mm
Overall Length
343 mm

Z-Light



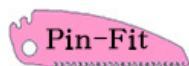
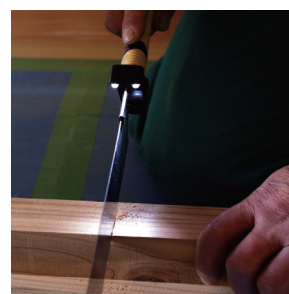
W × H × D : 29 × 49.5 × 34 mm
Net weight : 20 g
battery : CR2302(3V) × 2



: Attachable handle



The Z-Light unit can be attached to the handles of B and D – G fitting groups. With the Z-Light switched on, your scribe mark can be clearly seen even in dark and confined spaces. Powered by an easily-replaced Button cell, the light can stay bright for more than 10 hours continuous use.



Fitting Group
L
M

50337
FOLDING P-210 White

Aluminum alloy (Elastic skinned)



Handle Length
235 mm
Overall Length
235 mm

50338
FOLDING P-240 Orange

Aluminum alloy (Elastic skinned)



Handle Length
269 mm
Overall Length
269 mm

Fitting
Group

50344
STRAIGHT S-150

Plastic (ABS)



Handle Length
150 mm
Overall Length
150 mm

50343
STRAIGHT S-300 Wood

Wood (Ratan wound)



Handle Length
300 mm
Overall Length
348 mm

50345
STRAIGHT S-325 Green

Plastic (Elastic skinned)



Handle Length
325 mm
Overall Length
325 mm

50356, 50357
PISTOL S-117 Green, Blue

Plastic (ABS)



Handle Length
117 mm
Overall Length
125 mm max

50358, 50359
PISTOL S-117 Orange, Pink

Plastic (ABS)



50367
PISTOL S-143 Orange

Plastic (ABS)



Handle Length
143 mm
Overall Length
150 mm max

50368
PISTOL S-160 Green

Plastic (Elastic skinned)



Handle Length
160 mm
Overall Length
170 mm max

50351, 50352
PISTOL S-155 Purple, Green

Plastic (Elastic skinned)



Handle Length
155 mm
Overall Length
164 mm max

50366
PISTOL PS-130 Wood

Wood



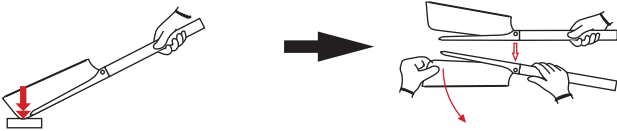
Handle Length
130 mm
Overall Length
142 mm max

N

O

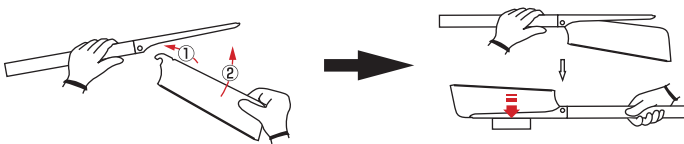
■ Fitting Group A, B

● Detachment



1. Tap the front edge on a small block of scrap timber to loosen the blade.
2. Pull the blade out of the spine.

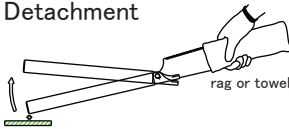
● Attachment



1. Hook the blade into the spine.
2. Tap the spine on a small block of scrap timber to attach the blade.

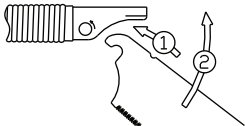
■ Fitting Group C ~ G

● Detachment

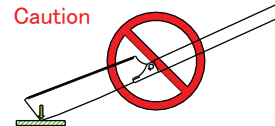


1. Tap the handle end with the saw teeth facing upward to loosen the blade.
2. Pull the blade out of the spine.

● Attachment

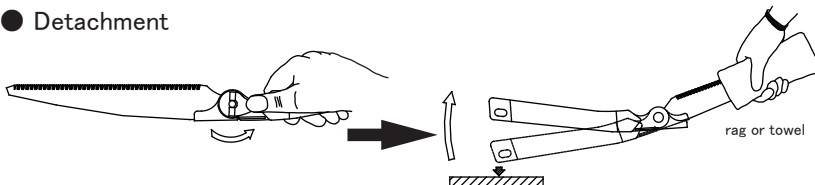


1. Insert the blade into the spine, and hook onto the pivot.
2. Squeeze the blade into the gap of the spine as a temporary lock.
3. Tap the handle end gently with the saw teeth facing downward to fix the blade firmly.



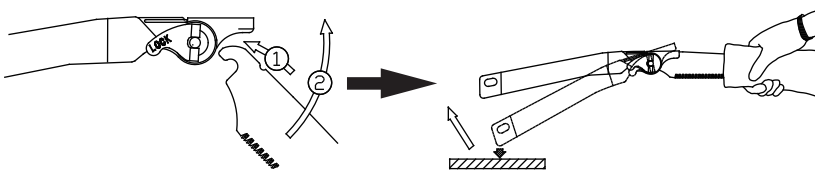
■ Fitting Group H ~ K

● Detachment



1. Make sure the lever is locked.
2. Tap the handle end with the teeth facing upward to loosen the blade.
3. Pull the blade out of the spine.

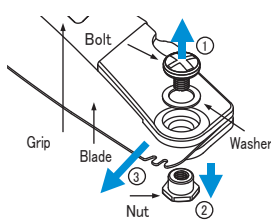
● Attachment



1. Make sure the lever is locked.
2. Insert the blade into the spine, and hook onto the pivot.
3. Squeeze the blade into the gap of the spine as a temporary lock.
4. Tap the handle end gently with the saw teeth facing downward to fix the blade firmly.

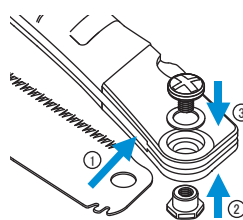
■ Fitting Group L, M

● Detachment



1. Unfasten the bolt.
2. Pull the nut out.
3. Remove the blade.

● Attachment

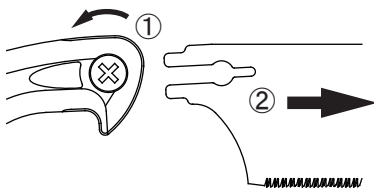


1. Insert the blade into the handle.
2. Put the bolt into the hole and connect to the nut.
3. Fasten the bolt tightly.

Replacement

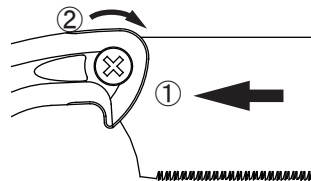
■ Fitting Group N

● Detachment



Loosen the screw with coin or screwdriver, and pull the blade out from the handle.

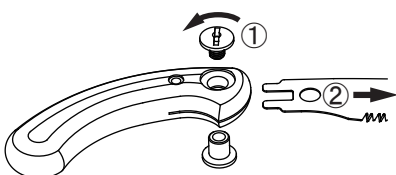
● Attachment



Insert the blade, and tighten the screw to fix the blade firmly.

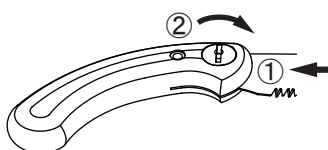
■ Fitting Group O

● Detachment



1.Unfasten the bolt.
2.Pull the nut out.
3.Remove the blade.

● Attachment



1.Insert the blade into the handle.
2.Put the bolt into the hole and connect to the nut.
3.Fasten the bolt tightly.

Scabbard

50901

SCABBARD H-150

Wood, Detachable belt loop



■ Available handles for the scabbard
PISTOL H-150 Wood

■ Available blades for the scabbard
FRAMING H-273

50902

SCABBARD S-155

Plastic (ABS), Detachable belt loop



■ Available handles for the scabbard
PISTOL S-155 Purple, Green

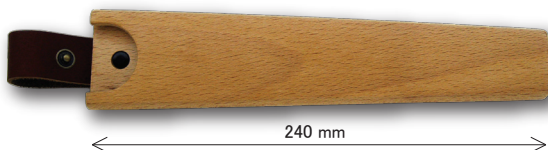
■ Available blades for the scabbard

FRAMING S-270	BAMBOO S-270
FLUSH S-145	PRUNING S-175
BAMBOO & PLASTICS S-175	
DRYWALL S-90	COMPASS S-80
COMPASS S-150	COMPASS S-210

50903

SCABBARD PS-130

Wood, Belt loop



■ Available handles for the scabbard
PISTOL PS-130 Wood

■ Available blades for the scabbard

PRUNING PS-170
PRUNING FINE PS-200
PRUNING MEDIUM PS-200
PRUNING COARSE PS-230

For Reciprocating saw

Blades

50400

WOODWORKING 210

Sawn wood, Green wood



Blade Length	Tooth Spacing	Thickness	Kerf
210 mm	3.00 mm	0.90 mm	1.18 mm
Surface Treatment		Electroless Ni-P Plated	

50401

WALLBOARD 90

Sawn wood, Gypsum board



Blade Length	Tooth Spacing	Thickness	Kerf
90 mm	1.60 mm	0.90 mm	1.36 mm
Surface Treatment		Electroless Ni-P Plated	

50402

PVC/PE PIPE 210

Plastic board, pipe, Bamboo

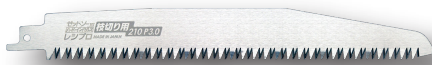


Blade Length	Tooth Spacing	Thickness	Kerf
210 mm	1.50 mm	0.60 mm	0.93 mm
Surface Treatment		Electroless Ni-P Plated	

50403

PRUNING 210

Green wood

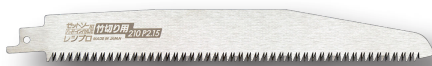


Blade Length	Tooth Spacing	Thickness	Kerf
210 mm	3.00 mm	0.90 mm	1.18 mm
Surface Treatment		Electroless Ni-P Plated	

50404

BAMBOO 210

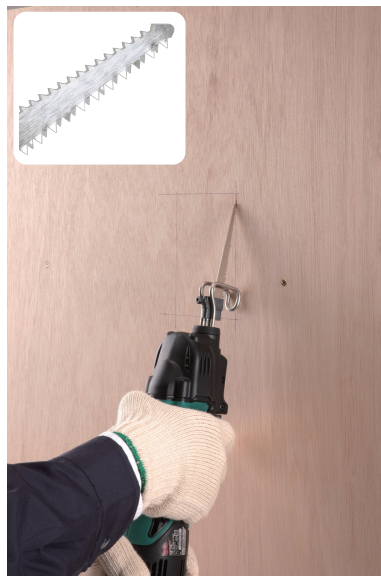
Bamboo



Blade Length	Tooth Spacing	Thickness	Kerf
210 mm	2.15 mm	0.80 mm	1.10 mm
Surface Treatment		Electroless Ni-P Plated	



WOODWORKING 210



WALLBOARD 90



PRUNING 210



PVC/PE PIPE 210



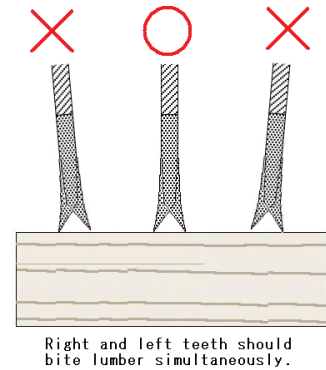
BAMBOO 210

Tips on pulling saw

1. Place the teeth perpendicularly on the work piece

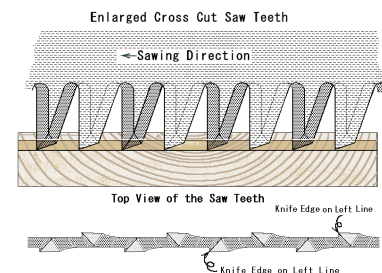
The right and left line of the saw teeth tips should bite the lumber simultaneously as in the center picture left. The traverse force to the saw blade generated between right and left teeth balances when they bite into equal material. If there is an imbalanced condition, the saw blade is drawn toward the loaded teeth.

For beginners, using the **Saw Guide** is recommended.



2. Pull to cut

On push stroke, the saw teeth shove saw dust away and clean the sawing groove. The pressure to the saw blade should be minimized to not more than blade weight on push stroke.



3. Straight sawing motion

Stroke the saw in a rhythm of 2-beats without stopping at every stroke end. Continual strokes are produced by a steady arm swing repeated close to your body. The sawing stroke plane should be always kept within the plane extended from the saw blade. Excessive pressure on the saw blade may lose the straightness in sawing direction. The saw's straight cutting capability is affected by the density difference in wood, by knots and growth rings, etc.

When you encounter an uneven work piece, do not give too much pressure to the saw blade and take time for sawing. It should result in a straight and smooth finish. If you get a clean and straight cut, you save much time to readjust with file or chisels later. The **Saw Guide** is effective to maintain stable strokes.

4. Solid grip

If you hold the work piece with a vice or clamp, sawing gets easier and both hands are available for more stable stroking. In case you must hold the work piece with your hand, 70% of your force should be apportioned for holding and only 30% for sawing.

5. Sawing with saw weight

Cutting lumber in a slant line, or vertically inclined, the saw blade receives thrusts from cutting. Start with slight pressure toward cutting direction to leave enough time for the saw teeth to absorb the thrust.

6. At the end of sawing

At the end of sawing the cut off piece should be duly supported to avoid splitting work piece. Also, sawing pressure should be minimized.

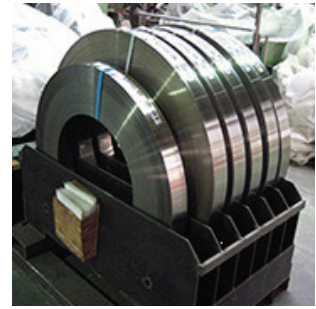
Z-Saw and Our Company

1. **Okada Hardware** is a leading Japanese handsaw manufacturing company, established in 1943.

For more than half a century, we have put ourselves in the customers' shoes and dedicated ourselves to manufacturing high quality handsaws to meet the changing demands of the competitive market. The saw manufacturing system developed in-house and our commitment to seeing the customers' viewpoint have resulted in the **Z-Saw** brand name showing a steady increase in popularity leading to an annual output of no less than 5 million units. Consequently we have come to enjoy a high reputation worldwide. Despite all these achievements we continue to strive to be more sensitive to the changing demands of global markets, and to try our best to provide ever-higher quality products for our customers.

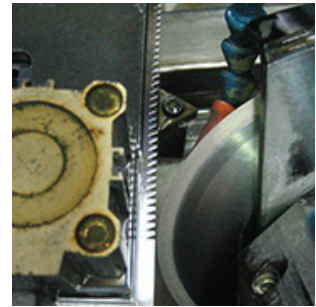
2. High quality materials

The blades of all **Z-Saws** are made from high quality carbon steel strips which we source from prestigious manufacturers in the international market under strict quality control. The steel strips are as hard as HV 540 to 580 with 0.8 - 0.9 % of carbon content, widely considered to be the best material for high quality saw blades featuring superb flexibility and durability.



3. Perfectly ground teeth

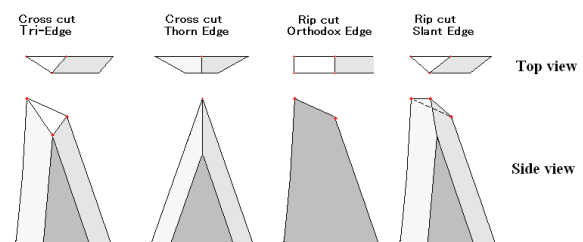
The teeth of **Z-Saw** blades are ground using our self-developed automatic tooth grinding system. Even the smallest distortion will be automatically detected and carefully corrected. This is almost impossible to achieve with hand-filed teeth.



4. Custom tooth patterns

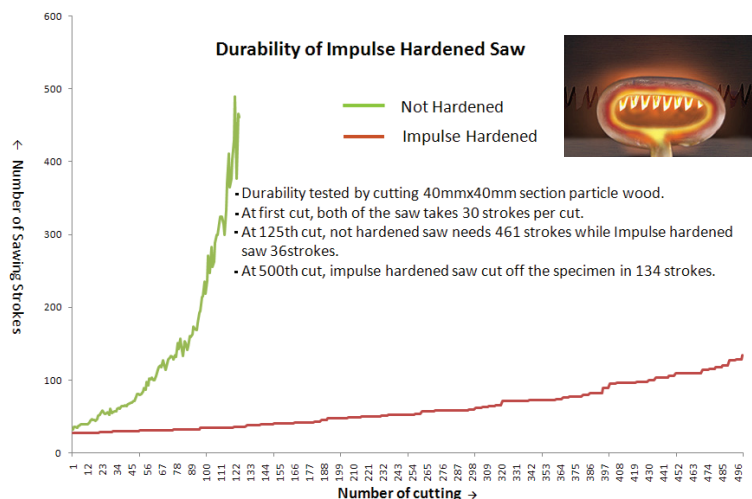
Z-Saw makes saw blades with several different basic tooth patterns (e.g. rip/cross/universal) each of which is applied to different saw blades with subtle variations depending on the use of each individual saw.

Typical Saw Edges



5. Impulse hardened teeth

All the teeth of **Z-Saw** branded blades are hardened through the “**Hard Impulse**” treatment to increase the degree of hardness to the level of HV800-950 (64.0 - 68.2 HRC), which is the maximum hardness which can be achieved on steel. Implementing this treatment on the tips of the saw teeth means that they are able to stay sharp much longer than conventional counterparts.



6. Economy

Z-Saws are economical because all blades are interchangeable, and available at a much lower price than the cost of tooth re-sharpening. Furthermore, the quality of the interchangeable blades is much higher than conventional hand forged saws.

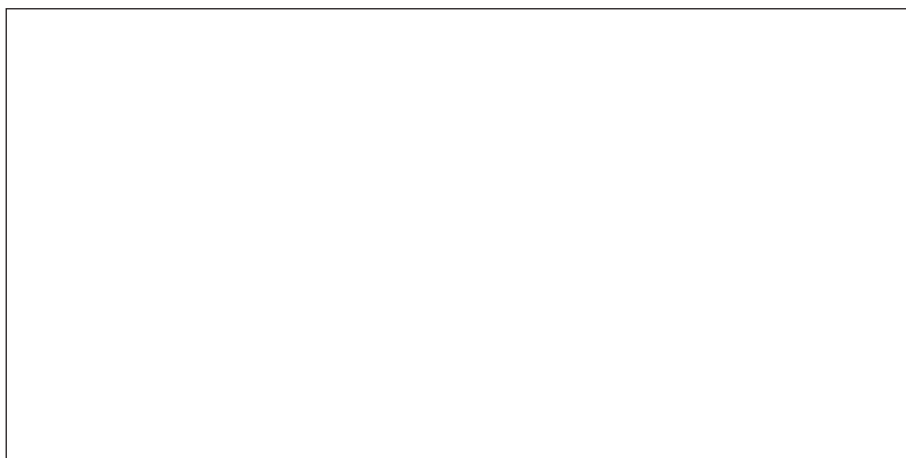
7. Z-Saw blades are Interchangeable among the three types of fitting group

Hook-Fit handles are designed for simple blade attachment and have various lengths of blade holder, according to blade style and size, to maintain stiffness and straightness during use.

Screw-Fit handles are designed for comfortable and balanced grip with a simple and safe blade locking system.

Pin-Fit handles are designed for safe storage and easy portability with our innovative angle adjustability.





JQA-QMA14387

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ISO9001:2008



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