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Form-OL-1052

Scroll Saw Blade Selection Chart

OLSON®
www.olsonssaw.com

Material

Finish

Olson
UPC
No. Univ.
No. Width Thickness TPI/
No. Rev. Tooth
Style Pilot
Hole Application

Application

Hard Wood 1/2" - 3/4"
Hard Wood to 1 1/2"
Soft Wood to 12" - 3/4"
Soft Wood to 1 1/2"
Veneer/Thin Wood to 3/16"
Plywood
MDF
Particle Board
Corian 1/8" - 1/2"
Plastic 1/2" - 3/4"
Non Ferrous Metal
Aluminum
Smooth
Splinter-Free
Medium

Recommended

Can Use

Not Recommended

Thick Wood

40800 - .080" .018" 7 Hook 3/32"

Thick wood - up to 2" without burning!

Skip Tooth

40000 3/0 .022" .008" 33 Skip 1/32"
44000 2/0 .022" .010" 28 Skip 1/32"
44300 2 .029" .012" 20 Skip 3/64"
44500 4 .035" .015" 15 Skip 1/16"
44600 5 .038" .016" 12.5 Skip 1/16"
44800 7 .045" .017" 11.5 Skip 1/16"
45000 9 .053" .018" 11.5 Skip 1/16"
45300 12 .062" .024" 9.5 Skip 5/64"

Ultra intricate sawing, veining, line art, close knit jig saw puzzles
Extremely intricate sawing, veining, line art
Tight radius work, fretwork
Tight radius work, fretwork
Close radius cutting
General Purpose
General Purpose
Heavy duty for fast cuts

Hint! (All Blades) For best performance, use lower numbers for thinner stock and higher numbers for thicker stock.

Skip tooth blades are excellent for fast cuts that provide smooth finishes and good chip clearance. Univ No. 3/0 - 5 blade sizes can be used to cut cold rolled steel, copper, brass, aluminum sheet and bronze. Soft metal up to 1/8" thick can be cut easily, whether single sheets or several thin sheets in a stack cut.

Pin End

42401 - .070" .010" 18.5 Skip 3/16"
40501 - .100" .018" 20 Reg. 3/16"
41001 - .100" .018" 7 Hook 3/16"
41101 - .100" .018" 15 Reg. 3/16"
41201 - .100" .018" 10 Reg. 3/16"
42003 - .100" .018" 9/5 Skip 3/16"
42701 - .070" .010" 25 Reg. 3/16"

Skip style teeth/ Very thin cuts
Regular style teeth/ thin cuts
Thick wood, up to 2" without burning!
General purpose, regular style teeth
Regular style teeth, fast cutting
Heavy duty widely-spaced set teeth for fast cutting
Regular style teeth/ fine cuts

Pin End scroll saw blades are for machines that require 5" pin end blades. They are perfect for Sears Craftsman, Penn State, Delta, Ryobi and all 15" and 16" imported scroll saws that require pin end blades.

Hint! Slow feed rate down! Relax! Let the blade do the cutting to minimize burning. Also, use a lube stick on the blade or clear shipping tape on the workpiece to inhibit scorching.

Double Tooth

43200 3/0 .023" .008" 33 Double 1/32"
43300 2/0 .023" .011" 37 Double 1/32"
43400 1 .026" .013" 30 Double 3/64"
43500 3 .032" .014" 23 Double 3/64"
43600 5 .038" .016" 16 Double 1/16"
43700 7 .044" .018" 13 Double 1/16"
43800 9 .053" .018" 11 Double 1/16"
43900 12 .061" .022" 10 Double 5/64"

Ultra intricate sawing, veining, line art, close knit jig saw puzzles
Veining, line art & marquetry
Delicate fretwork
Extremely intricate sawing
Tight radius work
Close radius cutting
General purpose
Heavy duty, fast cuts

Double tooth blades have two teeth together followed by a flat space for efficient chip removal. They cut fast, leaving clean edges in wood and plastic.

Hint! (All Blades) For best performance, use lower numbers for tighter radii and higher numbers for more general purpose cuts.

NEW! Scroll Saw Files

42101 - .156" .056" (Pin End) 3/16"
42100 - .156" .056" (Plain End) 3/16"

For wood, plaster, greenware, soapstone and non-ferrous metals. Turns your scroll saw into a power sander!