

Scroll Saw Blade Selection Chart

OLSON®

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

Application

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

Finish

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

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

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

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!**

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 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 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.