

Scroll Saw Blade Selection Chart

OLSON[®]
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Olson UPC No. Univ. No. Width Thickness TPI/No. Rev. Tooth Style Pilot Hole Application

Thick Wood

FR40800 – .080" .018" 7 Hook 3/32"

Thick wood – up to 2" without burning!

Skip Tooth

FR40000 3/0 .022" .008" 33 Skip 1/32"

Ultra intricate sawing, veining, line art, close knit jig saw puzzles

FR44000 2/0 .022" .010" 28 Skip 1/32"

Extremely intricate sawing, veining, line art

FR44300 2 .029" .012" 20 Skip 3/64"

Tight radius work, fretwork

FR44500 4 .035" .015" 15 Skip 1/16"

Tight radius work, fretwork

FR44600 5 .038" .016" 12.5 Skip 1/16"

Close radius cutting

FR44800 7 .045" .017" 11.5 Skip 1/16"

General Purpose

FR45000 9 .053" .018" 11.5 Skip 1/16"

General Purpose

FR45300 12 .062" .024" 9.5 Skip 5/64"

Heavy duty for fast cuts

Pin End

FR42401 – .070" .010" 18.5 Skip 3/16"

Skip style teeth/ Very thin cuts

SC40501 – .100" .018" 20 Reg. 3/16"

Regular style teeth/ thin cuts

FR41001 – .100" .018" 7 Hook 3/16"

Thick wood, up to 2" without burning!

SC41101 – .100" .018" 15 Reg. 3/16"

General purpose, regular style teeth

SC41201 – .100" .018" 10 Reg. 3/16"

Regular style teeth, fast cutting

FR42003 – .100" .018" 9/5 Skip 3/16"

Heavy duty widely-spaced set teeth for fast cutting

FR42701 – .070" .010" 25 Reg. 3/16"

Regular style teeth/ fine cuts

Double Tooth

DT43200 3/0 .023" .008" 33 Double 1/32"

Ultra intricate sawing, veining, line art, close knit jig saw puzzles

DT43300 2/0 .023" .011" 37 Double 1/32"

Veining, line art & marquetry

DT43400 1 .026" .013" 30 Double 3/64"

Delicate fretwork

DT43500 3 .032" .014" 23 Double 3/64"

Extremely intricate sawing

DT43600 5 .038" .016" 16 Double 1/16"

Tight radius work

DT43700 7 .044" .018" 13 Double 1/16"

Close radius cutting

DT43800 9 .053" .018" 11 Double 1/16"

General purpose

DT43900 12 .061" .022" 10 Double 5/64"

Heavy duty, fast cuts

Regular Tooth

SC402DZ – .049 .022 25 Regular 1/16"

Tight radius cuts in wood

SC403DZ – .070 .023 20 Regular 3/16"

Wood from 3/32" – 1/4" thick.

SC405DZ – .100 .022 20 Regular 3/16"

Hard and soft wood.

SC406DZ – .250 .025 20 Regular 1/4"

Mica & non-ferrous metal.

SC411DZ – .100 .022 15 Regular 3/16"

Wallboard, felt, paper, bone, lead.

SC412DZ – .100 .022 10 Regular 3/16"

Medium smooth finish.

SC413DZ – .187 .025 10 Regular 3/16"

Wood from 1/4" – 3/4" thick.

SC414DZ – .250 .025 7 Regular 1/4"

Wood & plastic 1/4" – 3/4" thick.

ScrollSanders

SC91262BL -1/4" wide SC91564BL -1/2" wide (Pin End) see widths

80, 120, 180 & 220 grit packs available. Assortment packs listed at left. Mount sanding belts like blades on scroll saws to smooth out cutting lines.

SC92262BL -1/4" wide SC92564BL -1/2" wide (Plain End) see widths

Material

- Hard Wood 1/2" - 3/4"
- Hard Wood to 1 1/2"
- Soft Wood to 1/2" - 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

Finish

- Recommended (Blue)
- Can Use (Light Blue)
- Not Recommended (White)

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.

ScrollSanders can be used on most 5" scroll saws. Modifications may be needed. Check Olson's recommendations for various models and complete listings.