

Practical Tips for Converting Square to Round Tail Fibers



Overview

You should be hitting the tie strap a little when all the angles are just right. The key is keeping the side plate straight up @ 90 or a bit of lean back. To transition a duct from square to round in four pieces in CAD modeling, the CAD jockey mimics the way the part would be fabricated—four identical corners welded into a funnel. Editor's Note: CAD files associated with this column can be downloaded here. We start at the end with a sheet metal. A true understanding of what "True Length" means and how to find and see true lengths is everything in pattern development by means of triangulation. Here we take you step by step in developing a Square to Round, just keep in mind "Practice makes perfect". Plus most of the wood I cut is somewhat dirty.

SC-SC Type: Known as square to. If You Are Having Trouble Logging In with Your Old Username and Password, Please use this [Forgot Your Password](#) link to get re-established. Round Tail Advice/Opinion At Work. I can say with great hapiness that after finishing the master bath remodel. Youtube fly tyier Davie McPhail has many great videos on fly tying, including this one that explains how he ties a pheasant tail nymph, including aligning the tips. I've queued it up: I'm new to tying and can't seem to figure this out.

Article Content

Dec 07, 2025

Square Filing! Converting round ground to square filed.

In this video, I square file a round ground tooth and talk about some challenges associated with doing so and some tips on making that task easier as well as some more general square filing stuff ...

Jun 29, 2025

The Purpose Of The Different Surfboard Tail Shapes

What's The Best Surfboard Tail Shape For Me? You have to be pretty connected to your board to appreciate the nuances between tail shapes. If you don't have a consistent surfing stance

Oct 30, 2025

The OMBE Guide to Surfboard Tail Shapes: From

So, for advanced surfers who're looking for a high-performance tail that'll allow them to have fun and work on their flow when the wave conditions are subpar, a

Feb 18, 2026

Transform Your HVAC with a Smooth Ductwork Transition: Square to Round ...

Discover the perfect solution for ductwork installation! This article delves into ductwork transition techniques, focusing on converting square to round connectors. Learn about easy

Apr 23, 2026

Converting square neck to round? Ethics aside...

In my opinion, there are enough old round neck Nationals around such that neck conversion from square to round is not really worthwhile. It's not something people often do - hardly

Feb 17, 2026

Tail Shapes

Round tails sit in between the square/squash tails and the pin tail varieties. Their most noticeable characteristic is the increased curve in the tail that they add to the outline of a surfboard. This

Apr 11, 2026

Tail shapes

A Rounded Square tail combines the performance of a round tail and a square tail, great all round performance for most types of waves. Board suited for this tail - performance short boards,

Nov 29, 2025

How to Tie in Perfect Tails Every Time

Having too many fibers can look unnatural. In this tips and tricks video of the week, Tim Flagler of Tightline Productions gives us a tutorial on how

Jan 27, 2026

Tail Fiber: Types, Functions, and Common Interfaces

During the fusion process, essential tools such as fiber optic patch panels, transceivers, tail fibers, couplers, specialized stripping pliers, and fiber optic cutting knives are commonly used.

Apr 26, 2026

Converting Pattern Stitches to Knit in the Round

Learn how to convert your flat knitting pattern instructions for knitting patterns in the round with these simple tips and basic conversions.

Feb 23, 2026

Square Vs. Round Tail Advice/Opinion

The rectangular tail has greater induced drag than the rounded tail. Increasing the chord of the rounded tail has greater induced drag than the stock rounded tails, but less than the

Dec 31, 2025

Optical Fiber Designs for Beam Shaping

In this work we discuss optical fiber designs that shape the output beam profile to more closely correspond to what is required in many real world industrial applications.

May 03, 2026

Surfboard Tail Shapes | Boardcave Australia

However, a round tail will offer more of a performance feel compared to a square tail. The round tail will also feel looser and easier to maneuver compared to the feel of

Jun 15, 2026

Design tips for transitioning duct work from square to round

To transition a duct from square to round in four pieces in CAD modeling, the CAD jockey mimics the way the part would be fabricated—four identical corners welded into a funnel.

Dec 28, 2025

4 Different Surfboard Tail Shapes and Their Purpose

Understanding surfboard tail shapes is the first step to unlocking the full potential of your equipment.

Jan 27, 2026

Any stitch pattern can be converted from flat to round knitting

In flat knitting, you knit from R to L on RS rows and from L to R on wrong side rows. In circular knitting, EVERY ROUND starts at the beginning of the "row" so, e.g., when using charts, they are read from R

Feb 18, 2026

How to develop a Square to Round

Here we take you step by step in developing a Square to Round, just keep in mind "Practice makes perfect". Take a look at how we got started, before you can begin to layout your

Sep 26, 2025

Converting square grind to round? | Arborist, Chainsaw & Tree Work

Use til dull and round file. Yes, enjoy that square ground chain while it lasts. Then round file. Or learn how to sharpen it and keep it around for the clean stuff because it cuts so good.

Jan 28, 2026

Optical Fiber Designs for Beam Shaping

ABSTRACT A large number of power delivery applications for optical fibers require beams with very specific output intensity profiles; in particular applications that require a focused high intensity beam

Apr 30, 2026

Matrices, How to make a zip on tail! A tutorial for...

How to make a zip on tail! A tutorial for skilled tailors. This guide teaches you how to create a zip-on tail so you can have a beautiful smooth transition between

Mar 02, 2026

Different Surfboard Tail Shapes

How different tail shapes change your surfboard's manoeuvrability. The shape of the end part of your surfboard, the tail, has a key role to play.

Mar 11, 2026

Surfboard Tail Shapes - The Surfing Handbook

What is the difference between basic surfboard tail shapes? Surfboard tail design has gotten a bit more complex as surfboard designs have multiplied.

May 11, 2026

Comparison of round

Multimode fibers (MMFs) show great promise as miniature probes for sensing, imaging and spectroscopy applications. Different parameters of the

Dec 03, 2025

How to Skillfully Transform a Sheet Metal Square into a Round: A ...

In this blog post, we will provide a comprehensive guide on how to fabricate a sheet metal square to round, ensuring you have all the knowledge and skills needed to succeed in this task.

Aug 25, 2025

Surfboard Tail Shapes: Impact on Performance and Maneuverability

Surfboard tail shapes significantly influence a surfer's experience on the water. As an avid surfer, I've found that the tail

Jul 02, 2025

Converting end mills to bullnose mills

Is there a reasonably inexpensive tool to convert an end mill or router bit to a bullnose end mill? I cut primarily wood and tooling board and bullnose cutters give me less chipping especially in

Nov 03, 2025

Square tail or Round tail Noserider? : r/surfing

Square tail or Round tail Noserider? I was talking on the phone with my dad on a really good price for a noserider. He looked at it and said "Absolutely not. It has a square tail and is therefore harder to

Dec 15, 2025

Transform Your HVAC with a Smooth Ductwork Transition: Square to

In this article, we will delve into the world of HVAC ductwork transitions, exploring the importance of a smooth transition and providing practical tips on how to achieve square to round...

Jan 13, 2026

Aligning pheasant tail fibers? : r/flytying

When the fibers are still on the feather, you can pull them back to somewhat align the tips before you cut them. Once you cut them, try to handle them as little as possible before tying on.

Oct 30, 2025

Converting square ground chain to round

Converting round ground/filed chain to square is hardest part on the files. It's easily done but if you know someone with a grinder, I recommend it.

Contact Us

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