



**Komunity**  
PROJECT

**2013/2014 | FIN CATALOGUE**

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WARATAHS + KOMUNITY PROJECT  
**SURF PRO-AM**  
MANLY BEACH, SYDNEY - 13 APRIL 2013

**SURFERS AGAINST SUICIDE**  
— THE RIPPLE EFFECT —  
A KOMUNITY PROJECT INITIATIVE



# ABOUT

Komunity Project is designed, surfed and tested by its founder, 11 times Association of Surfing Professionals (ASP) World Champion Kelly Slater.

The range of surf hardware and accessories are crafted for perfection, durability and premium quality. The entire Komunity Project range has been engineered and designed for performance and progression in today's modern surf market. Every detail in Komunity Project's lines are built to protect, respond, control, and explore.

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# BEFORE FINS

The first Hawaiian surfers with their gigantic Olo boards did not have fins. They weren't really manoeuvring their boards too much—most wave riding was done moving straight into shore. Instead of trying to carve turns, the ancient Hawaiians found a pleasant sport in simply trying to keep the board pointed straight while being pushed by the wave.

Before fins, the only method to control where the board was going was to stick your feet and toes into the water.



# TOM BLAKE THE FOUNDING FATHER

In 1934, Tom Blake—legendary surfer and inventor of the hollow surfboard and waterproof camera housing, among other things—decided to use his ingenuity to solve the problem of board control. Legend has it that he asked a speedboat skipper about the skeg on his boat, and was told it was to help stabilize the boat during hard turns. One day Blake noticed an abandoned boat on the beach. He took the keel off, modified it, and attached it to his surfboard. At first he didn't like the sensation, but once he caught his first wave, he was hooked.

"When I first went to the Islands, they used wide-tailed boards and they used to spinout on a steep, critical slide," he said. "I figured

it would be easy to correct that problem, just add something – a keel. Finally, I got around to it. You didn't hurry things up over there. You were having too much fun surfing every day. Finally, I put a fin on the board and it worked fine. It was a shallow fin, about 4" deep and a foot long. It took ten years for that thing to catch on and then the boards kept getting lighter and smaller and [then] the fin became more effective for steering."\*



# FIRST EVOLUTIONS

The evolution of the fin from Tom Blake's first prototype was a slow process, sometimes taking two steps forward and one step back. The keel fin that Blake first created was modified by Bob Simmons in the mid 40's into roughly the same shape that is used today. Simmons was the first pioneer of the multiple fin setup when he invented the twin fin design.

George Greenough is credited with creating narrower fins with more flex, modelling them on the tail fin of a blue tuna. He first used this high aspect ratio design on his kneeboards, but the new fin style was so successful that it eventually made its way to standup boards when Bob McTavish implemented the design into his lighter, shorter boards.

# SECOND EVOLUTIONS

The original 40's keel fin didn't come into its own until the 70's, when Steve Lis used it on a twin fin setup on his revolutionary "fish" design. Lis' boards were originally shaped as kneeboards with two extended keels that allowed him to rest his flippers and reduce drag, while still retaining the performance aspects of a pintail.

Surfers were still riding single fins into the early 1970's, but that would soon change. Australian Mark Richards took the new Californian fish design and modified the twin fin design slightly. He then rode it in competitions, stunning the judges and crowds with some of the sharpest turns ever seen in regulation contests. Richards won four consecutive world titles with his twin setup from '79-'82, forever changing the direction of modern surfing.

# THIRD EVOLUTIONS

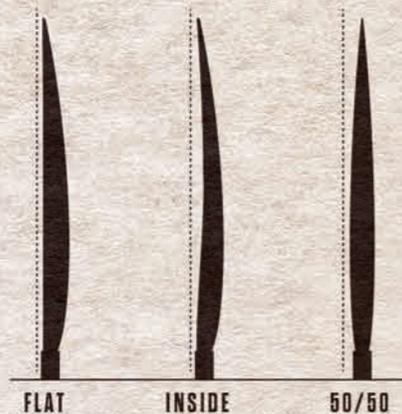
In 1980, surfboard fins would undergo a monumental innovation. In the late 70's, Young Australian Simon Anderson was becoming known for surfing the giant waves on the North Shore of Oahu. He was frustrated, however, by his inability to adequately control the Richards style twin fin in larger surf. One day he noticed someone who had a twin fin board with a smaller, half moon fin in the middle.

He modified the idea for himself, creating a new design with three fins of equal size. Dubbing it the "thruster," the design has remained unchanged to this day.



## KNOW YOUR FINS -FOIL

When you look at a surf fin, you'll notice that it is shaped in an aerodynamic fashion from its front edge to the backside. Most often, the thickest portion of the fin is in the middle, while the thinnest part is the outer edges. This shape is known as the fin's foil, and it has a big impact on the way the water flows under the board.



**FLAT:** Inner side of fin is an even level. Most side fins have a flat foil, which creates a balance for most surf conditions.

**INSIDE:** Curve on the inner face and the leading tip for a tighter and faster turning arc.

**50/50:** An equal curve on both sides, as found in most center fins. Even distribution, for smooth stability and control.

## -CANT

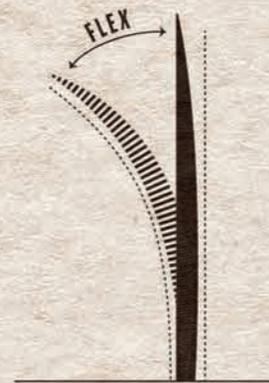
The cant of a fin is the angle it makes in relation to the bottom of the surfboard. A fin that sticks straight up, perfectly perpendicular to the board's base contour, is said to have a no cant. Canted fins point outwards, toward the rails of the board. Increasing the fins' cant leads to a more responsive board through turns, while



decreasing the cant (bringing it closer to 90°) makes the board faster, especially when traveling in a straight line.

## -FLEX

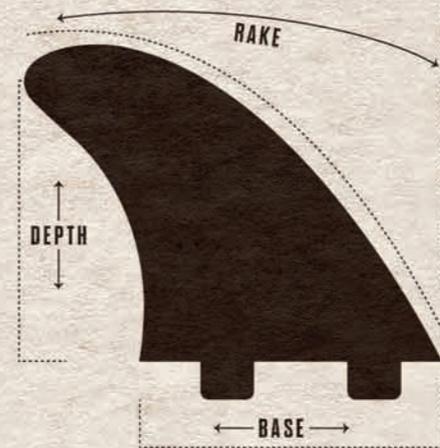
The flex or stiffness of a fin plays a big part in the way a surfboard will ultimately handle on the water. If you are a beginner, stiff fins are more forgiving and will give you the stability you need, so you might start there. Their lack of flex makes it hard to make sharp turns, and the turns you do make will be wide and sweeping. However, a stiff fin has the tendency to revert quickly



to its natural position, so the turns will be faster than with a flexy fin. Flexible fins add a level of feel to the board that is hard to match with their stiffer counterparts. They are slower to reach their maximum flex, meaning the board continues to respond to the rider's input throughout a turn. This can cause some problems for new surfers, as it makes the board more difficult to control.

## RAKE -DEPTH - BASE

The rake measures how far back the fin curves in relation to its base. To find a fin's rake, imagine a flat line continuing out from the base of the fin; next imagine a line that extends from the back of the fin base to the very tip of the fin. The angle that these two lines form where they intersect at the back of the fin base is the rake. The smaller the angle, the



farther back the fin tip reaches (a larger offset from the base). Fins with a small rake/large offset will propel the board faster and remain fairly stable, but there is a sacrifice in turnability. Fins with a large rake/small offset give the surfboard a tighter turning radius, but don't offer as much stability.



# KOMUNITY SERIES FINS

(KS) Komuniy series of Fins - provides the optimal ride for beginner, intermediate and advanced surfers using legendary Kelly Slater heritage Signature series KS 2.1 & KS 3.1 Fins. These important next generation fins are now made to fit both FCS and Future bases fin systems.

More than 20 years after winning his first World Title, 41 year old Komunity Project founder and 11 time World Champ dubbed "King

Kelly" and founder of Komunity Project is still setting a blistering pace out there on the ASP World Tour.

Kelly's 11 time title journey began as a child surf prodigy in the laid back Florida surf town of Cocoa Beach. At age 20 he became the youngest ASP World Champion, and yet again smashing the record books 19 years later again as the oldest surfer to win a title at 39.

Surfing is more than a career for Kelly, and is also a spiritual experience providing solace and a sense of wonder at nature. "Surfing is my religion, if I have one," he said, and though one of the oldest competitors on the international circuit, he has lost none of the grace, skill and fearlessness that made him the most successful surfer in the history of the sport.



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## - KELLY SLATER SIGNATURE SERIES KS 2.1 FINS

The new KS-2.1 fins have been designed to be more maneuverable and faster off the top than the original K-Fin range. The KS-2.1 side and center fins have different templates, foils and flex patterns. With the KS-2.1's the larger, more upright side fins have greater flex for tighter and faster turns for great performance in all conditions. The KS2.1 Liquid Dynamics Technology (LDT) produces a lightweight fin with remarkable flex, a smooth feel and an impressive aesthetic. The smaller, stiffer center fin adds control. The KS-2.1's are Kelly Slater's world winning template in a new designs and colours, ideal for high performance in pocket surfing.

The KS-2.1 Fins are now available in Liquid Dynamics Technology (LDT). The KS-2.1 (LDT) Fins have an upright template designed by Kelly with a smaller trailing fin. This is what Kelly rides in beach break and barrels and is ideal for tight turns and high performance in the pocket surfing. Available in Thrusters or Quads.

The KS2.1 RANGE are proven templates, now updated with today's eye catching graphics & construction with the same strength characteristics from tip through base. Whether you prefer carbon or glass, Thruster or a Quad set up the KS2.1 has the options for you.



# KELLY SLATER 2.1

CARBON - THRUSTER

## FEATURES

- Honey Comb inner core
- Special-blend glass resin
- Carbon construction
- Lustre finish

FCS-OR-FUTURES  
COMPATIBLE



### KS-2.1 SIDE FIN SPECS:

Base: 110mm  
Depth: 115mm  
Foil: Flat

### KS-2.1 CENTER FIN SPECS:

Base: 109mm  
Depth: 112mm  
Foil: 50/50



KP BLUE

FL GREEN

FL YELLOW

# KELLY SLATER 2.1

CARBON - QUAD

## FEATURES

- Honey Comb inner core
- Special-blend glass resin
- Carbon construction
- Lustre finish

FCS-OR-FUTURES  
COMPATIBLE



### KS-2.1 FRONT FIN SPECS:

Base: 110mm  
Depth: 115mm  
Foil: Flat

### KS-2.1 REAR FIN SPECS:

Base: 104mm  
Depth: 108mm  
Foil: Flat



KP BLUE

FL GREEN

FL YELLOW

# KELLY SLATER 2.1

HONEYCOMB - THRUSTER

## FEATURES

- Honey Comb inner core
- Special-blend glass resin
- Lustre finish

FCS-OR-FUTURES  
COMPATIBLE



### KS-2.1 SIDE FIN SPECS:

Base: 110mm  
Depth: 115mm  
Foil: Flat

### KS-2.1 CENTER FIN SPECS:

Base: 109mm  
Depth: 112mm  
Foil: 50/50



KP BLUE

FL GREEN

FL YELLOW

# KELLY SLATER 2.1

HONEYCOMB - QUAD

## FEATURES

- Honey Comb inner core
- Special-blend glass resin
- Lustre finish

FCS-OR-FUTURES  
COMPATIBLE



### KS-2.1 FRONT FIN SPECS

Base: 110mm  
Depth: 115mm  
Foil: Flat

### KS-2.1 REAR FIN SPECS:

Base: 104mm  
Depth: 108mm  
Foil: Flat



KP BLUE

FL GREEN

FL YELLOW



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## - KELLY SLATER SIGNATURE SERIES KS 3.1 FINS

The new KS 3.1 fins are perfect for down the line walls and long turns like snapper and Rincon. They have been Kelly's magic set for these types of waves. Kelly has really put the KS 3.1 Fins to the test and has had a lot of CT wins on them, J-bay twice, Bells and Trestles to name a few.

KP is really excited to offer the new and improved KS3.1 Fins on his behalf. They complete the fin quiver that Kelly draws from on tour or just free surfing any where in the world.

The KS 3.1 Fins are also available with Liquid Dynamics Technology

(LDT) with honey comb for a stiff traditional feel. The KS 3.1 Fins have a template that is a bit deeper and features slightly less base area than the KS2.1 with a smaller more raked tip. This allows the KS 3.1 Fins to provide drive and the ability to draw out longer arcing turns, which is one of Kelly's trademarks.

All of this is combined with the responsive materials of the Liquid Dynamics Technology (LDT) produces the KS 3.1 Fins; Fins that turn incredibly tight through snaps

due to the added flex in the tip. The refined foil on the KS 3.1 Fins allows efficient water flow, minimizing drag. The KS 3.1 Fins are an aesthetically striking fin with new design and colour range

# KELLY 3.1

- THRUSTER

## FEATURES

- Honey Comb inner core
- Special-blend glass resin
- Carbon construction
- Lustre finish

FCS-OR-FUTURES  
COMPATIBLE



### KS-3.1 SIDE FIN SPECS:

Base: 113mm  
Depth: 117 mm  
Foil: Flat

### KS-3.1 CENTER FIN SPECS

Base: 109mm  
Depth: 112 mm  
Foil: 50/50



# KELLY SLATER 3.1

- QUAD

## FEATURES

- Honey Comb inner core
- Special-blend glass resin
- Carbon construction
- Lustre finish

FCS-OR-FUTURES  
COMPATIBLE



### KS-3.1 FRONT FIN SPECS

Base: 107mm  
Depth: 115mm  
Foil: Flat

### KS-3.1 REAR FIN SPECS

Base: 114mm  
Depth: 116mm  
Foil: Flat

-  KP BLUE
-  FL GREEN
-  FL YELLOW
-  PURPLE



## KP FIN KEY

### FEATURES

- FIN SHAPED TOOL
- UNIQUELY SHAPED TO FIT IN THE FINGERS



## KP FIN STAND

### FEATURES

- FOAM FIN DISPLAY
- HOLDS THRUSTERS OR QUADS



## KP RATCHET TOOL

### FEATURES

- 6 INTERCHANGEABLE FIN KEY ADAPTORS
- FORWARD AND REVERSE FUNCTION
- UNIQUELY SHAPED TO FIT IN THE PALM OF YOUR HAND



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