FCS

all we do is surf

thruster sets

(see over for quad, specialty, fixed and longboard fins)

XS

weight: under 55kg // template: FCS 2

PC-2 (IFT) — DRIVE, PIVOT, HOLD

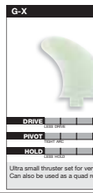
M-2 (IFT) — DRIVE, PIVOT, HOLD

The PC-2 and M-2 feature a high performance template in two different materials. This dynamic fin template features a long base and moderate size tip which delivers fast acceleration and instant response for groms and lighter surfers. Also suitable for use as a quad rear fin.

K2.1 GROM — NEW!

DRIVE, PIVOT, HOLD

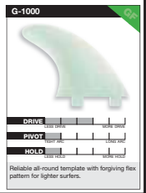
Kelly Slater's signature fin scaled down for the Groms. Ideal for hollow waves and light pocket surfing.



G-X

DRIVE, PIVOT, HOLD

Ultra small thruster set for very light surfers. Can also be used as a quad rear.



G-1000

DRIVE, PIVOT, HOLD

Reliable all-round template with forgiving flex pattern for lighter surfers.

S

weight: 55 - 70kg // template: FCS 3

PC-3 (IFT) — DRIVE, PIVOT, HOLD

PG-3 — DRIVE, PIVOT, HOLD

FG-3 (IFT) — DRIVE, PIVOT, HOLD

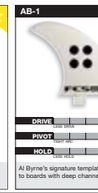
M-3 (IFT) — DRIVE, PIVOT, HOLD

The PC-3, FG-3, PG-3 and M-3 feature the proven and reliable G-3000 performance template in a variety of different materials and foils. This popular all round template will provide fast acceleration with an even blend of manoeuvrability and hold. A favourite with the pros for many years.

H-2 SMALL (IFT)

DRIVE, PIVOT, HOLD

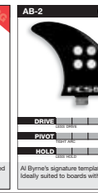
Exceptional hydrodynamic performance. Fast and free with incredible hold and drive.



AB-1

DRIVE, PIVOT, HOLD

Al Byrne's signature template. Ideally suited to boards with deep channels.



AB-2 (IFT)

DRIVE, PIVOT, HOLD

Al Byrne's signature template with IFT. Ideally suited to boards with deep channels.

M

weight: 65 - 80kg // template: FCS 5

PC-5 (IFT) — DRIVE, PIVOT, HOLD

PG-5 — DRIVE, PIVOT, HOLD

FG-5 (IFT) — DRIVE, PIVOT, HOLD

M-5 (IFT) — DRIVE, PIVOT, HOLD

The PC-5, FG-5, PG-5 and M-5 feature the proven and reliable G-5000 performance template in a variety of different materials and foils. This popular all round fin will provide a very consistent feel over a wide range of conditions and board modes. A favorite with the pros for many years.

H-2 MEDIUM (IFT)

DRIVE, PIVOT, HOLD

Exceptional hydrodynamic performance. Fast and free with incredible hold and drive.

LB-1 (IFT)

DRIVE, PIVOT, HOLD

Layne Beachley's signature fin offering consistent speed and drive in average conditions.

TC AQUA-LINE (IFT)

DRIVE, PIVOT, HOLD

Tom Carroll's signature fin with added cant angle on the side fins. Ideal for on-rail performance.

S25 MEDIUM (IFT)

DRIVE, PIVOT, HOLD

Simon Anderson's signature template. Delivers an even blend of drive and pivot with exceptional hold.

AM-2

DRIVE, PIVOT, HOLD

Smaller version of Al Merrick's signature template. Smaller centre fin offers quick release through turns.

DHD-2

DRIVE, PIVOT, HOLD

Darren Handley's signature template. Centre fin can be moved forward and back to customise response.

K2.1

DRIVE, PIVOT, HOLD

Kelly Slater's signature fin for hollow waves and tight pocket surfing.

K-3 PC — NEW!

DRIVE, PIVOT, HOLD

Kelly Slater's signature fin ideally suited to open face waves and longer turning arcs.

GOODS-1

DRIVE, PIVOT, HOLD

The Hobgood's signature fin offering a consistent feel in a variety of conditions.

L

weight: 75 - 90kg // template: FCS 7

PC-7 (IFT) — DRIVE, PIVOT, HOLD

PG-7 — DRIVE, PIVOT, HOLD

FG-7 (IFT) — DRIVE, PIVOT, HOLD

M-7 (IFT) — DRIVE, PIVOT, HOLD

The PC-7, FG-7, PG-7 and M-7 feature the proven and reliable G-7000 performance template in variety of different materials and foils. This popular all round fin will provides exceptional drive and hold yet still offers outstanding manoeuvrability for a large fin. A favorite with the pros for many years.

H-2 LARGE (IFT)

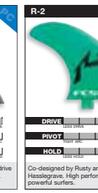
DRIVE, PIVOT, HOLD

Exceptional hydrodynamic performance. Fast and free with incredible hold and drive.

TC RED-LINE

DRIVE, PIVOT, HOLD

Tom Carroll's signature fin. Exceptional drive and hold with a narrow quick release tip.



R-2 (IFT)

DRIVE, PIVOT, HOLD

Co-designed by Rusty and Curtis Hasselgrave. High performance fin for powerful surfers.

S25 LARGE (IFT)

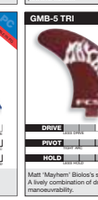
DRIVE, PIVOT, HOLD

Simon Anderson's signature template. Delivers an even blend of drive and pivot with exceptional hold.

G-AM

DRIVE, PIVOT, HOLD

Al Merrick's original signature template. Smaller centre fin offers quick release through turns.



GMB-5 TRI

DRIVE, PIVOT, HOLD

Matt 'Mayhem' Biolos's signature template. A lively combination of drive, hold and manoeuvrability.

SF4 TRI (IFT)

DRIVE, PIVOT, HOLD

William 'Stretch' Riedel's signature template offering dependable performance in all conditions.

G-6 — NEW!

DRIVE, PIVOT, HOLD

All round high performance fin template with a flat sided foil and engineered flex pattern that offers dynamic response.

CHILLI-9 (IFT)

DRIVE, PIVOT, HOLD

James 'Chilli' Cheal's signature template. Long base with less sweep offers a blend of speed and manoeuvrability.

XL

weight: 85kg +

G-8 — NEW!

DRIVE, PIVOT, HOLD

High performance template ideally suited to powerful surfers who like to push hard against their fins.

SUNNY GARCIA

DRIVE, PIVOT, HOLD

Sunny Garcia's signature fin. Exceptional drive and hold, ideal for power surfing.

The information contained in the FCS fin poster should be considered when choosing a set of fins. For more detail on the entire fin range visit: **www.surffcs.com**

Changing your fins to fine tune your equipment is the key to maximizing performance.

FCS // ALL WE DO IS SURF

Project Green Flex

This FCS M-5 fin is made from 50% post consumer waste that would otherwise end up as landfill.

Helping the planet without sacrificing performance.

surffcs.com

NEW

THRUSTER SPECS

FIN	BASE	DEPTH	AREA	SWEEP	FOIL	FLEX	CANT	SIZE
G-1000	4.10" 104mm	4.26" 108mm	12.64"² 8158mm²	32.4	flat	•••	-	XS
PC-2, M-2	4.26" 108mm	4.22" 107mm	12.03"² 8405mm²	32.3	IFT	•	-	XS
FG-3, PC-3, PG-3, M-3	4.28" 108mm	4.41" 112mm	14.22"² 9172mm²	31.0	IFT & flat	•	-	S
FG-5, PC-5, PG-5, M-5	4.37" 111mm	4.55" 115mm	14.76"² 9525mm²	33.0	IFT & flat	•	-	M
G-6	4.39" 111mm	4.58" 116mm	15.29"² 9864mm²	33.7	flat	•••	-	L
FG-7, PC-7, PG-7, M-7	4.52" 115mm	4.67" 119mm	15.71"² 10137mm²	33.0	IFT & flat	•	-	L
G-8	4.64" 118mm	4.70" 119mm	16.06"² 10361mm²	31.9	flat	•••	-	XL
K2.1 Grom side K2.1 Grom center	3.98" 101mm 3.94" 100mm	4.13" 105mm 4.05" 103mm	13.89"² 8964mm² 13.08"² 8437mm²	32.0° 31.0°	flat 50/50	• •	-	XS
TP-G	4.10" 104mm	4.26" 108mm	12.64"² 8158mm²	32.4	flat	•	-	M
G-X	3.86" 98mm	3.93" 100mm	11.02"² 7140mm²	33.2	flat	••	-	XS
H-2 SMALL	4.02" 102mm	4.41" 112mm	12.40"² 8000mm²	36.5	IFT	•	10	S
AB-1 side AB-1 center	4.14" 105mm 4.18" 106mm	4.37" 111mm 4.53" 115mm	13.14"² 8475mm² 14.22"² 9173mm²	31.5° 32.3°	FLAT 50/50	•• ••	-	S
AB-2 side AB-2 center	4.14" 105mm 4.18" 106mm	4.37" 111mm 4.53" 115mm	13.14"² 8475mm² 14.22"² 9173mm²	31.5° 32.3°	IFT 50/50	•• ••	-	S
K2.1 side K2.1 center	4.33" 110mm 4.28" 109mm	4.53" 115mm 4.41" 112mm	15.23"² 9824mm² 14.22"² 9172mm²	32.0° 31.9°	flat 50/50	• •	-	M
K-3 side K-3 center	4.49" 113mm 4.28" 109mm	4.61" 117mm 4.41" 112mm	15.11"² 9750mm² 14.22"² 9172mm²	34.3°	flat 50/50	•• •	-	M
H-2 MEDIUM	4.22" 107mm	4.65" 118mm	13.95"² 9000mm²	36.5	IFT	•	10	M
GOODS-1	4.37" 111mm	4.55" 115mm	14.76"² 9525mm²	33.0	flat	••	-	M
S25 MEDIUM	4.24" 108mm	4.45" 113mm	14.05"² 9067mm²	35.5	IFT	•	-	M
AM-2 side AM-2 center	4.55" 116mm 4.34" 110mm	4.52" 115mm 4.41" 112mm	14.89"² 9608mm² 13.72"² 8852mm²	36.6° 35.0°	flat 50/50	• •	-	M
DHD-2	4.33" 110mm	4.65" 118mm	14.86"² 9590mm²	34.0	flat	•	-	M
LB-1 side LB-1 center	4.22" 107mm 4.42" 112mm	4.65" 118mm 4.54" 115mm	13.95"² 9000mm² 14.30"² 9223mm²	36.5° 37.4°	IFT 50/50	• •	10 -	M
TC AQUA-LINE	4.50" 114mm	4.41" 112mm	14.41"² 9298mm²	32.8	IFT	•	6	M
H-2 LARGE	4.45" 113mm	4.89" 124mm	15.50"² 10000mm²	36.5	IFT	•	10	L
CHILLI-9	4.62" 117mm	4.65" 118mm	15.48"² 9990mm²	32.0°	IFT	•••	-	L
G-AM side G-AM center	4.61" 117mm 4.47" 113mm	4.70" 119mm 4.45" 113mm	15.63"² 10083mm² 14.68"² 9469mm²	36.3° 38.0°	flat 50/50	• •	-	L
GMB-5 TRI	4.22" 107mm	4.65" 118mm	13.95"² 9000mm²	36.5	flat	•	-	L
R-2	4.57" 116mm	4.51" 115mm	15.28"² 9857mm²	33.9	IFT	••	-	L
S25 LARGE	4.41" 112mm	4.60" 117mm	15.12"² 9756mm²	35.0	IFT	•	-	L
SF4 TRI side SF4 TRI center	4.48" 114mm 4.49" 114mm	4.48" 114mm 4.44" 113mm	15.15"² 9776mm² 15.15"² 9772mm²	30.9° 31.9°	IFT 50/50	• •	-	L
SUNNY GARCIA	4.61" 117mm	4.66" 118mm	15.75"² 10161mm²	365.1	flat	•	-	XL
TC RED-LINE	4.68" 119mm	4.50" 114mm	15.48"² 9984mm²	32.2	flat	•	-	L

Flex Key: (• = Less Flex | •• = More Flex | ••• = Most Flex) Flex refers to Performance Core fins materials. Flex Key refers to Performance Core.

PERFORMANCE CHARACTERISTICS

Drive

Drive provides forward acceleration and helps maintain speed through turns.

The amount of drive produced by a fin is directly influenced by the base length, material and the total surface area.

Put simply; a larger fin with a longer base will offer more drive.

less drive
more drive

Pivot

Pivot refers to the length of the turning arc.

Pivot is influenced by the sweep angle or rake, the foil and the depth of the fin.

Fins with less sweep angle will turn in a tighter arc; fins with more sweep angle will turn in a longer arc.

tight arc
long arc

Hold

Hold is defined as the binding of the board to the wave.

Hold is determined by flex and the overall fin template.

Fins with more hold prevent the board sliding through turns, less hold allows the board to easily break free from the wave during turns; this is often referred to as 'release'.

less hold
more hold

All FCS thruster, quad and quad rear fins come with fin ratings. These fin ratings provide the drive, pivot and hold characteristics of each individual fin set.

FCS provides these fin ratings as a guide to individual fin performance. They can also be used as a reference when choosing a fin for specific performance requirements.

Fins are rated relative only to the fins within each size category and are not comparable across other sizes. For example, the drive rating on a medium fin can only be compared to the drive rating on other medium fins.

MATERIALS

Ultra-Light Epoxy (UL)

Ultra-Light Epoxy was developed by FCS to create the lightest possible fin with superior flex properties while ensuring strength and foil accuracy. By minimizing weight without sacrificing response of flex and strength, Ultra-Light Epoxy is our lead construction process delivering the ultimate in performance.

WEIGHT: LIGHTER — HEAVIER

Performance Core (PC)

Performance Core material and construction is designed to deliver the feeling of a traditional fiberglass fin with the added performance of reduced weight. The RTM (Resin Transfer Molding) process produces a lightweight fin with remarkable flex, a smooth feel and an impressive aesthetic.

WEIGHT: LIGHTER — HEAVIER

Composite Core (CC)

Composite Core construction combines the Resin Transfer Molding (RTM) process with a molded glass and resin core insert to produce a lightweight fin with superior tip flex. The core insert increases the overall thickness of the foil ensuring hydrodynamic efficiency, a stiffer base and dynamic flex response through the tip.

WEIGHT: LIGHTER — HEAVIER

Glass Flex (GF)

Glass Flex has been formulated to replicate the flex and memory properties of hand layed fiberglass. Its advantages over other composite fin materials include stiffness, a more positive flex pattern (nice tip flex, little base flex) and remarkable flex memory. The precision of the injection molding process ensures the highest accuracy in geometry in each fin produced.

WEIGHT: LIGHTER — HEAVIER

Performance Glass (PG)

Performance Glass material characteristics and flex pattern are identical to traditional fiberglass fins offering a stiff base with subtle responsive tip flex, amazing aesthetics and proven durability. PG fins are the perfect transition fin for surfers moving from fixed fins to the convenience, accuracy and performance of FCS.

WEIGHT: LIGHTER — HEAVIER

FIN CHARACTERISTICS

FOILS

Flat Foil

A flat inside face combined with a convex outside face. The traditional flat sided foil offers an even combination of drive, pivot and hold and provides a very consistent, reliable feel over a wide variety of conditions.

Inside Foil

A sophisticated hydrodynamic foil consisting of a convex outside face, a rounded leading edge and a concaved inside face. Inside foil increases the efficiency of water flow over the surface of the fin adding lift and reducing drag. The result is a fin with more options through increased hold and speed.

50/50

A symmetrical foil used on all centre fins where both sides are convex. Even water flow on both sides creates stability and control.