

2009



■ RACING SEATS
TILLET
RACE CAR SEAT RANGE

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B1

The B1 can be floor mounted to runners or side mounted using the optional brackets which allow the seat to tip and mount directly to the floor or runner system.



The B1 Lightweight Race Car Seat. Ideal for sports, racing or kit cars.

The B1 seat weighs only 2.75 kg and is made from Carbon fibre or a Carbon/GRP composite.

This seat is designed with a saloon car seating angle.

The sides of the B1 allow either a full racing harness or a normal 3 point car seat belt to be used.

The carefully sculptured shape of the B1 is such that padding is unnecessary making it ideal for open topped sports cars. The seat is supplied with a Dinamica® suede covered headrest pad and can also be supplied with matching back and cushion panels at extra cost.

The B1 can be floor mounted to runners or side mounted using the optional brackets which allow the seat to tip and mount directly to the floor or runner system.

B1 carbon/composite/epoxy car seat HEADREST PAD ONLY	£749
B1 carbon/composite/epoxy car seat with Dinamica suede trim 3 COVERED PANELS	£872
B1 carbon/epoxy car seat HEADREST PAD ONLY	£824
B1 carbon/epoxy car seat with Dinamica suede trim 3 COVERED PANELS	£947



Megabusa Photography by:
Niklas Falk



For 8 years Tillett Racing Seats have been supplying composite car seats to Caterham Cars. Caterham were so impressed with our composite quality that now all Caterham carbon fibre components are made by us.



43cm can be trimmed to 42cm External

B2

The B2 Ultra Lightweight Race Car Seat. Ideal for sports, racing or kit cars.

The beautiful lightweight B2 seat weighs only 2.75 kg and is made from glossy carbon fibre. The seat is designed with a low seating angle which is suited to race or track day vehicles. Due to the back shape the driver is curled into a small space, allowing this seat to be fitted into many vehicles that could not take a regular performance car seat.

The sides of the B2 allow either a full racing 5 or 6 point harness (recommended on an inclined seat) or a normal 3 point car seat belt to be used.

The shape of the B2 does not require padding making it ideal for open topped cars. The seat is supplied with a Dinamica® suede covered headrest pad and can also be supplied with matching back and cushion panels at extra cost. The side mounted B2 has optional aluminium brackets for mounting to runners or directly to the floor. A Carbon/GRP version is also available.

- B2 carbon/composite/epoxy race car seat HEADREST PAD ONLY £749
- B2 carbon/epoxy race car seat HEADREST PAD ONLY £824
- B2 carbon/epoxy race car seat with Dinamica suede trim 3 COVERED PANELS £947

B3.5

The B3.5 is a thin ultra lightweight car seat shell to fit in the narrowest of vehicles.

It is available in Carbon / GRP and Black / GRP versions and comes with 6 special mounting bolts and Dinamica® suede headrest pad.

By using this light flexible shell it is possible to use the B4 shape in vehicles where the vast majority of sports/race seats would simply not fit. The belt holes in the B3.5 allow a full racing harness to be used (a 5 or 6 point harness is recommended on an inclined seat)

Due to its very thin and light construction (1.8kg for the Carbon / GRP version) this seat needs to be used in a vehicle where the seat can be supported high up on the sides and at the headrest. This can be either from the vehicle itself, if it has a roll bar and bulkhead, or from a metal support frame constructed by the customer.

Dinamica® suede back and cushion panels are available at extra cost.

Registered Community - Design (000922950-0001)

- B3.5 carbon/composite race car seat HEADREST PAD ONLY £252
- B3.5 black GRP race car seat HEADREST PAD ONLY £169



B4



The Carbon/GRP B4 seat weighs only 4 kg and has been made to allow fitment into some of the narrowest vehicles around.

Although light it is still rigid due to its twin skin construction and it holds the driver in a comfortable inclined racing position. The belt holes have been optimised to enable the use of a Hans device and a full racing harness to be used (A 5 or 6 point is recommended on an inclined seat).

Soft padded panels covered in Dinamica® suede are available at extra cost. However, covering is unnecessary making it ideal for open topped sports cars. The side mounted B4 has optional aluminium brackets for mounting to runners or directly to the floor. You have the choice to order a 40 or 42 cm front. The two specifications remain the same size internally, the 40 cm version is made to allow fitment between the gearbox tunnel and the door sill. A 40 cm front will fit a Caterham, Westfield and most other similar vehicles. With the 42 cm version the rolled edge is left on giving a more aesthetically pleasing line to the edge of the seat, therefore if you have the room go for this model.

Registered Community - Design (000922950-0001)

- B4 carbon/composite race car seat HEADREST PAD ONLY £417
- B4 carbon/composite race car seat with Dinamica suede trim 3 COVERED PANELS £544
- B4 black GRP race car seat HEADREST PAD ONLY £327
- B4 black GRP race car seat with Dinamica suede trim 3 COVERED PANELS £454

B5

The new rigid Carbon/GRP B5 seat weighs from 5.7 to 6.7kg and has been designed especially to suit the Lotus Elise / Exige.

The seat angle is a regular saloon car angle. The small narrow size of the B5 means that many other vehicle applications are possible.

The B5 sits the driver very low in the car which reduces the likelihood of hitting the crash helmet on the roll cage. This benefits the taller driver who may have problems in other seats and also helps lower the centre of gravity. The side profile developed from years of manufacturing kart racing seats gives excellent support and leaves the shoulders free to help steer the car unhindered. Although the seat is small it can fit a surprisingly large range of driver sizes and has been designed to be compatible with the Hans device. The B5 is also available in a black GRP version. To give that extra bit of comfort, versions of the B5 seats are available with Dinamica® covered soft padded suede panels.

Registered Community - Design (000922950-0002)

The side mounted B5 has four types of brackets available. EB1, EB2, EB3, TB2. (See bracket section)

- B5 carbon/composite race car seat HEADREST PAD ONLY £417
- B5 carbon/composite race car seat with Dinamica suede trim 3 COVERED PANELS £544
- B5 black GRP race car seat HEADREST PAD ONLY £327
- B5 black GRP race car seat with Dinamica suede trim 3 COVERED PANELS £454



B6

The new B6 is a narrow seat suited to many kit and track day cars.

Its driving angle is based on our popular Caterham R500 seat but it has some important differences. The headrest has been moved back to prevent the drivers head from being pushed forward when using a crash helmet and the shoulder belt holes have been designed to allow the use of a Hans device. The hip holes have also been enlarged to help easier access for wider lap belts. The composite shell is made so that the outer edge can be either removed for narrow 40 cm tubs or left on to create a continuous rolled edge around the whole perimeter of the seat. The B6 is available in Carbon/GRP or Black GRP and to give that extra bit of comfort, versions of the B6 seats are available with Dinamica® covered soft padded suede panels. The mounting points for the B6 are under the seat so that the TR1 Tillett Adjustment Runners can be bolted directly to the underneath. Mounting of the seat is also possible straight to the floor and Nylon spacers can be supplied to tip the seat at different angles.

(Please note that the Caterham R500 seat is only available through Caterham.)

- B6 carbon/composite race car seat HEADREST PAD ONLY £378
- B6 carbon/composite race car seat with Dinamica suede trim 3 COVERED PANELS £505
- B6 black GRP race car seat HEADREST PAD ONLY £284
- B6 black GRP race car seat with Dinamica suede trim 3 COVERED PANELS £410



36.5cm external across the base

W1/W1i

The W1i Tillett car seat is extremely narrow yet it can still accommodate the majority of drivers.

You have the choice to order a 40 or 42 cm front. The two specifications remain the same size internally, the 40 cm version is made to allow fitment between the gearbox tunnel and the door sill. A 40 cm front will fit a Caterham, Westfield and most other similar vehicles. With the 42 cm version the rolled edge is left on giving a more aesthetically pleasing line to the edge of the seat, therefore if you have the room go for this model. The W1i is also available with a floor mountable back frame. With the back frame it is possible to mount the seat directly to the floor or the Tillett seat adjustment runners. The weight of the W1i with the back frame is 3.2 kg and 1.9 kg without. The W1i moulding has two smooth sides making the seat more attractive than the handmade variety. The method of manufacture used to make the W1i also makes it less expensive than the W1 with higher quality.

W1 handmade

The W1 shape can be ordered in handmade carbon/Kevlar versions as well as black GRP. The black GRP version weighs 2.2 kg and the W1K carbon/Kevlar version is only 1.1 kg. The handmade W1 cannot be ordered with a composite back frame.

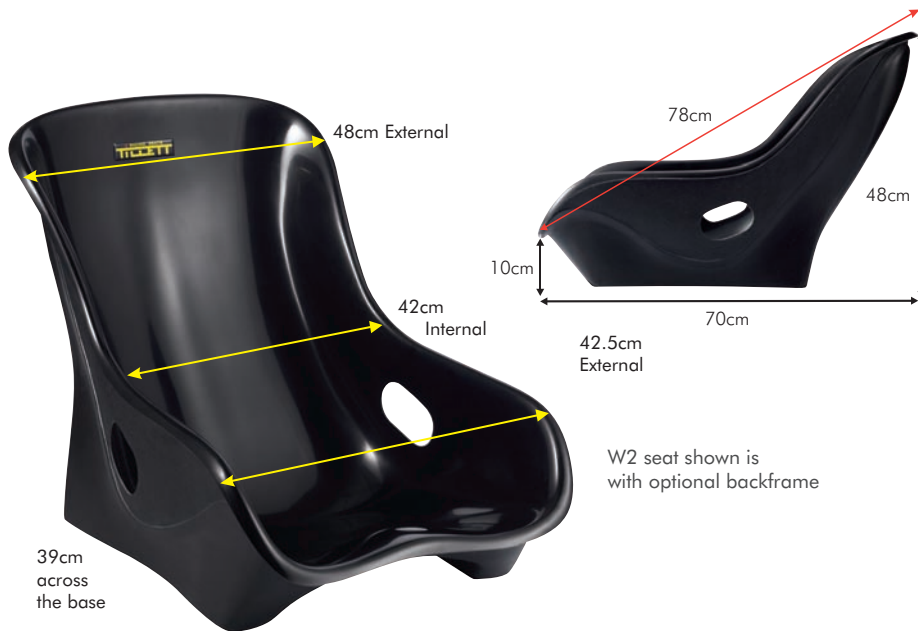
The W1i and W1 can also be ordered with or without covering. A half covered example is ideal for open top cars. Seat belt harness holes are included if required. Please specify if you want a crutch hole for a 5 or 6 point harness. This W1 shape is the seat most suited to Formula Student University projects.



W1i seat shown is with optional backframe



- Hand made W1 Carbon KEVLAR® car seat HALF OR FULLY COVERED £393
- Hand made W1 Carbon KEVLAR® car seat UNCOVERED £327
- Hand made W1 car seat HALF OR FULLY COVERED £197
- Hand made W1 car seat UNCOVERED £142
- Injected W1 seat carbon/composite UNCOVERED £182
- Injected W1 seat carbon/composite with half or FULL COVERING £247
- Injected W1 seat in black GRP UNCOVERED £113
- Injected W1 seat in black GRP with half or FULL COVERING £170
- Injected W1 seat carbon/composite UNCOVERED + backframe £267
- Injected W1 seat carbon/composite with half or FULL COVERING + backframe £325
- Injected W1 seat in black GRP UNCOVERED + backframe £191
- Injected W1 seat in black GRP with half or FULL COVERING + backframe £249



W2 seat shown is with optional backframe

W2

The W2 is a 25 mm wider handmade version of the W1. It is available in Carbon/Kevlar and GRP versions.

The weight of the GRP version is 2.4 kg; the weight of the Kevlar version is 1.1 kg without the back frame.

The W2 can also be ordered with or without covering. A half covered example is ideal for open top cars. Seat belt harness holes are included if required. Please specify if you want a crutch hole for a 5 or 6 point harness. The W2 is now also available with a floor mountable back frame. With the new back frame it is possible to mount the seat directly to the floor or the Tillett seat adjustment runners. The weight of a W2 with the new back frame is 3.3 kg.

W2 car seat UNCOVERED	£142
W2 car seat UNCOVERED with back frame	£215
W2 Carbon KEVLAR® car seat HALF OR FULLY COVERED	£393
W2 Carbon KEVLAR® car seat HALF OR FULLY COVERED + backframe	£482
W2 Carbon KEVLAR® car seat UNCOVERED	£327
W2 Carbon KEVLAR® car seat UNCOVERED + backframe	£406
W2 car seat HALF OR FULLY COVERED	£197
W2 car seat HALF OR FULLY COVERED + backframe	£267

W3

This is an inclined laid down version of the handmade W1 and the driving position is suitable for formula racing vehicles.

A lightweight handmade carbon Kevlar® version is available which only weighs 1.1 kg. Seat belt harness holes are a no cost option and if specified at the time of ordering, you can select the hole size that suits your application best.

You have the choice to order a 40 or 42 cm front. The two specifications remain the same size internally, the 40 cm version is made to allow fitment in a narrower cockpit. With the 42 cm version the rolled edge is left on giving a more aesthetically pleasing line to the edge of the seat, therefore if you have the room go for this model.

W3 Carbon KEVLAR® car seat HALF OR FULLY COVERED	£393
W3 Carbon KEVLAR® car seat UNCOVERED	£327
W3 car seat HALF OR FULLY COVERED	£197
W3 car seat UNCOVERED	£142



W3 KEVLAR® Carbon



BRACKETS

TB1 - Tillet aluminium side mount seat brackets for the B1, B2 and B4

These 5 mm thick mounting brackets allow the seats to be tipped, raised and lowered.

TB1 brackets can be used with TR1 seat adjustment runners. However, it is not recommended to use adjustment runners on a race or track day car, as they are only intended for road use.

Universal 5mm thick aluminium bracket set for B1, B2 or B4 seats £74.00



TB2 - Tillet aluminium side mount seat brackets for the B5

These 5 mm thick mounting brackets allow the seats to be tipped, raised and lowered. TB2 brackets can be used with TR1 seat adjustment runners. However, it is not recommended to use adjustment runners on a race or track day car, as they are intended for road use.

Universal 5mm thick aluminium bracket set for B5 seat £74.00

EB1 - Tillet side mount seat brackets for the B5

This 3 mm thick steel mounting bracket set is designed to solidly fit the B5 driver's seat to the Elise/Exige and allows the driver to adjust the angle, height and leg length.

B5 Fixed Elise race/track brackets for the drivers side £101.00



EB2 - Tillet B5 Elise brackets for fitting to Elise runners

This 3 mm thick steel mounting bracket set is designed to fit on the existing Elise/Exige runners and allows the driver to adjust the angle and height of the B5 seat. They also have mounting points for the original seat belt mountings which can be used for a race harness. It is not recommended to use seat adjustment runners on a race or track day car.

B5 Driver side Elise brackets to fit on existing runners £102.00

EB3 - Tillet B5 Elise brackets for fitting Passenger side without runners

This 3 mm thick steel mounting bracket set is designed to fit the passenger side of the Elise/Exige. They allow adjustment of the angle and height of the B5 seat. They also have mounting points for the original seat belt mountings or they can be used for a race harness.

B5 Passenger side Elise brackets fixed position EB3 RHD £115.00

B5 Passenger side Elise brackets fixed position EB3 LHD £115.00



TR1 - Adjustable seat runner set

Used with car seats B1, B2, B4 when also using the TB1 brackets, the B5 coupled with the TB2 brackets, the W1/W2 seats when fitted with an optional back frame and also the B6.

The runners fit to the bottom of the Tillet TB1 and TB2 brackets (not included). For the W1/W2/B6 seats that have the integral back frame, the runners are mounted directly underneath.

Comes complete with fittings.

Seat adjustment runners for B1, B2, B4, B5, B6
+ W1 and W2 with backframe £73.00

TILLETT CAR SEAT RANGE

For lightweight sports, race, kit and track day cars.

The success of the Tillett seat designed for the Caterham R500 has created a demand for a Tillett car seat made especially for the Kit and Track Day market. Using all the techniques developed for the manufacture of kart racing seats and the twin skin technology first developed for the Caterham seat, we have made car seats that break new ground in the performance car seat market.



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