

Understanding the Tillett range of Kart Seats available from IKD:

Model T8 – 63° driving angle; flat bottom (standard Tillett seat shape)

3 rigidity options in uncovered plus ¼ covered in standard rigidity (choice of 3 colours); most sizes in available range as follows:

- No Cover - 'Standard' rigidity – clear fibreglass – machine made (RTM)
Sizes: Cadet, XS, S, MS, ML, L, & XL
- No Cover - 'Standard' rigidity – clear fibreglass – hand made
Size: S cut down only
- No cover - 'Soft' rigidity – translucent blue fibreglass – machine made (RTM)
Sizes: Cadet, XS, S, MS, ML, L, & XL
- No cover – 'Flexible' rigidity – clear fibreglass – hand made
Sizes: L & XL only
- ¼ cover – 'Standard' rigidity – clear fibreglass – machine made (RTM) – cover colour options: Red, Black or Blue
Sizes: Cadet, XS, S, MS, ML, L, & XL

Model T7 – 63° driving angle; flat bottom; fully covered

Standard rigidity; black cover; sizes as follows:

- Fully covered - 'Standard' rigidity – black fibreglass/black cover – machine made (RTM)
Sizes: Cadet, XS, S, MS, ML, L, XL, XXL, XXXL
(This is the only seat available in XXXL)

Model T9 – 58° 'lay back' driving angle; flat bottom

Limited range of sizes as follows:

- No Cover - 'Standard' rigidity – clear fibreglass – hand made
Sizes: MS, ML, L, XL

Model T10 - 63° driving angle; flat bottom;

Shaped to be mounted a long way forward without compromising seat height.

2 rigidities + carbon kevlar; limited sizes as follows:

- No Cover - 'Standard' rigidity – clear fibreglass – hand made
Size: S cut-down & XXL only
- No cover – 'Flexible' rigidity – clear fibreglass – hand made
Sizes: S cut-down, S, 'Manetti', MS & ML
- No cover – 'Flexible' rigidity – ochre Carbon Kevlar – hand made
Sizes: S, MS & ML

Model T11 – 58° ‘lay back’ driving angle; extra large flat bottom (2 cm lower centre of gravity)

2 rigidities; limited sizes as follows:

- No Cover - ‘Standard’ rigidity – clear fibreglass – hand made
Sizes: XL
- No cover – ‘Flexible’ rigidity – clear fibreglass – hand made
Sizes: MS, ML, L, XL

Model T12 – 58° ‘lay back’ driving angle; extra large flat bottom (2 cm lower centre of gravity)

2 rigidities; limited sizes as follows:

- No Cover - ‘Standard’ rigidity – clear fibreglass – machine made (RTM)
Sizes: MS, ML, L, & XL
- No cover – ‘Soft’ rigidity – pearl white fibreglass – machine made (RTM)
Sizes: MS, ML, L, XL

Model T250 Superkart seat – ‘lay back’ with headrest

- Standard rigidity – black fibreglass – hand made
Sizes: MS, ML, L, XL & XXL

Using Rigidity & Angle:

Rigidity

- Softer/more flexible rigidity (‘Flexible’ is softest followed by ‘Soft’)
 - Softens chassis
 - Changes kart balance
 - Reduces bogging out of turns
 - Can improve lap times particularly in high grip track conditions
- More rigid flexibility (‘Standard’ offers most rigidity)
 - Stiffens chassis
 - Adds grip

Seat Angle

- “Standard” 63° (T7, T8, T10 ranges)
 - For most applications
- “Layback” 58° (T9, T11 and new T12 Ranges)
 - For taller than average driver to lower centre of gravity and stabilise kart

Or

- For high performance classes on high grip (soft) tires. Alters the forces on the tyres in a lateral direction.

While all seats have a flat bottom so that the seat can be positioned low in the chassis the T11/T12 ranges have an extra large flat base to lower them even further.

Downloads of the Tillett catalogue, size charts and technical information are available from IKD website
www.internationalkarting.com.au