

## RECOMMENDED CHASSIS SET UP

### MS KART MINI BLUE KITE for MEDIUM tyres

#### FRONT AXLE

**FRONT TRACK:** 970 – 990 mm (measured over the outer edges of the front wheels), without front hubs, wheels rims with bearings

**CASTOR:** round MS eccentric (204G) placed at the bottom of the king pin and set to maximum castor (dot facing backwards), the SNIPER eccentric (204H) placed on the top of the king pin and set to the middle position

**TOE:** 1 - 2 mm

**CAMBER:** 0 - 4 mm („A“ shape).

When the chassis understeers set more castor by moving the upper SNIPER eccentrics to the back. When the whole kart has too much grip try to use aluminium TOP KART wheel rims (1000-095-05) eventual magnesium TOP KART wheel rims (1000-095-17).

#### FRONT AXLE HEIGHT

The basic and most used position of the front axle is in the middle of the stub axle shoes. In case the front axle has little grip or the track is wet, set the stub axles in the low position. The ground clearance as well as the grip of the front axle increases. In case the front axle has too much grip set the stub axles in the high position: the ground clearance of the chassis will be lowered and the front axle grip decreased.

#### REAR AXLE

Standard rear axle is medium hard  $\varnothing$  30 x 5 x 950 mm (300B). If there is not enough grip on the rear axle we recommend to use a hard TOP KART axle (green 1000-138-18). If, on the other hand, the rear axle has too much grip, use the soft TOP KART axle (white 1000-138-19).

**REAR TRACK:** 1.090 – 1.100 mm

**REAR AXLE HEIGHT**

Standard position of the rear axle is in the middle of the bearing housing holders. In case the rear axle has little grip or the track is wet, mount the bearing housings in the low position. The ground clearance as well as the grip of the rear axle increases. In case the rear axle has too much grip mount the bearing housings in the high position: the ground clearance of the chassis will be lowered and the grip on the back decreased.

**WET SET UP**

**FRONT TRACK:** 990 – 1000 mm

**TOE:** 6 - 12 mm (depending on the amount of water on the track)

**CASTOR:** set maximum castor of front wheels by moving the upper SNIPER eccentrics to the back. Leave the round MS eccentrics at the bottom in maximum castor position (dot facing backwards).

**REAR TRACK:** narrow the rear axle to 1.040 mm, as the water on track decreases extend the rear track gradually by 10 mm. Use the hard TOP KART axle (green 1000-138-18).

**CHASSIS SET UP MUST BE CONTINUOUSLY ADAPTED TO THE ACTUAL RACE  
TRACK AND WEATHER CONDITIONS**