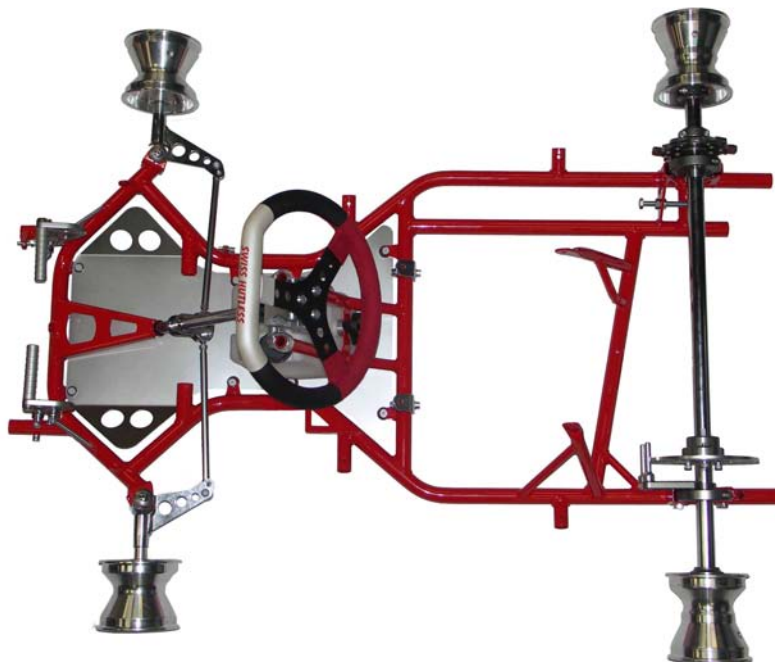


HOMOLOGATION OF CHASSIS

<i>Manufacturer</i>	New Swiss Hutless International AG
<i>Make</i>	Swiss Hutless
<i>Model</i>	Start
<i>Category</i>	Formula Super Cadet/Bambini
<i>Valid as from</i>	1st January 2011
<i>Valid until</i>	31st December 2016
<i>Number of pages</i>	5

Any modification is forbidden, if it is not explicitly allowed by the Technical or Homologation Regulations and/or appended as an approved extension.



Photograph of the chassis less seat, brakes, tyres, bumpers and bodywork

SIGNATURE AND STAMP OF THE DMSB/MSA

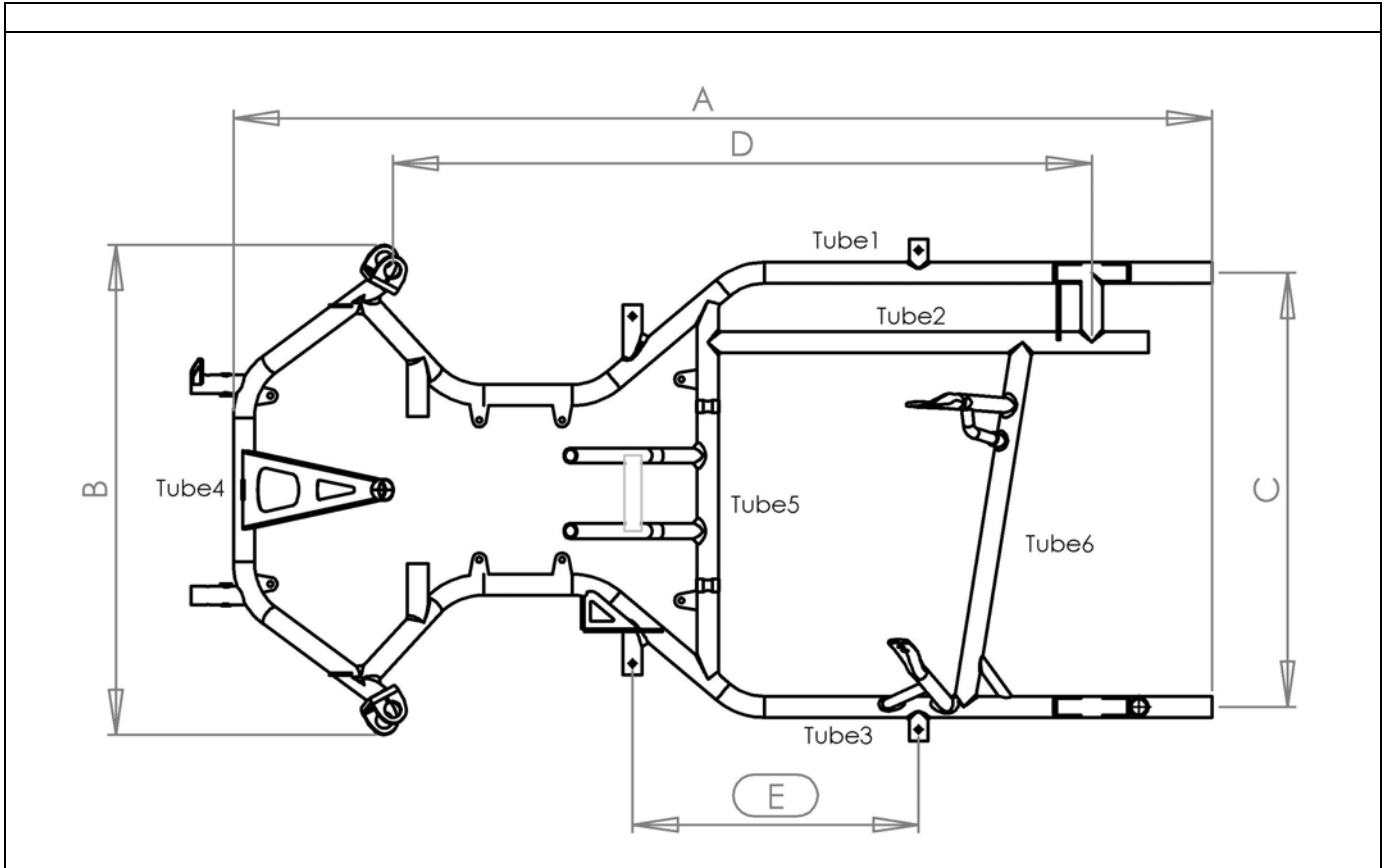


Date: **15 November 2010**

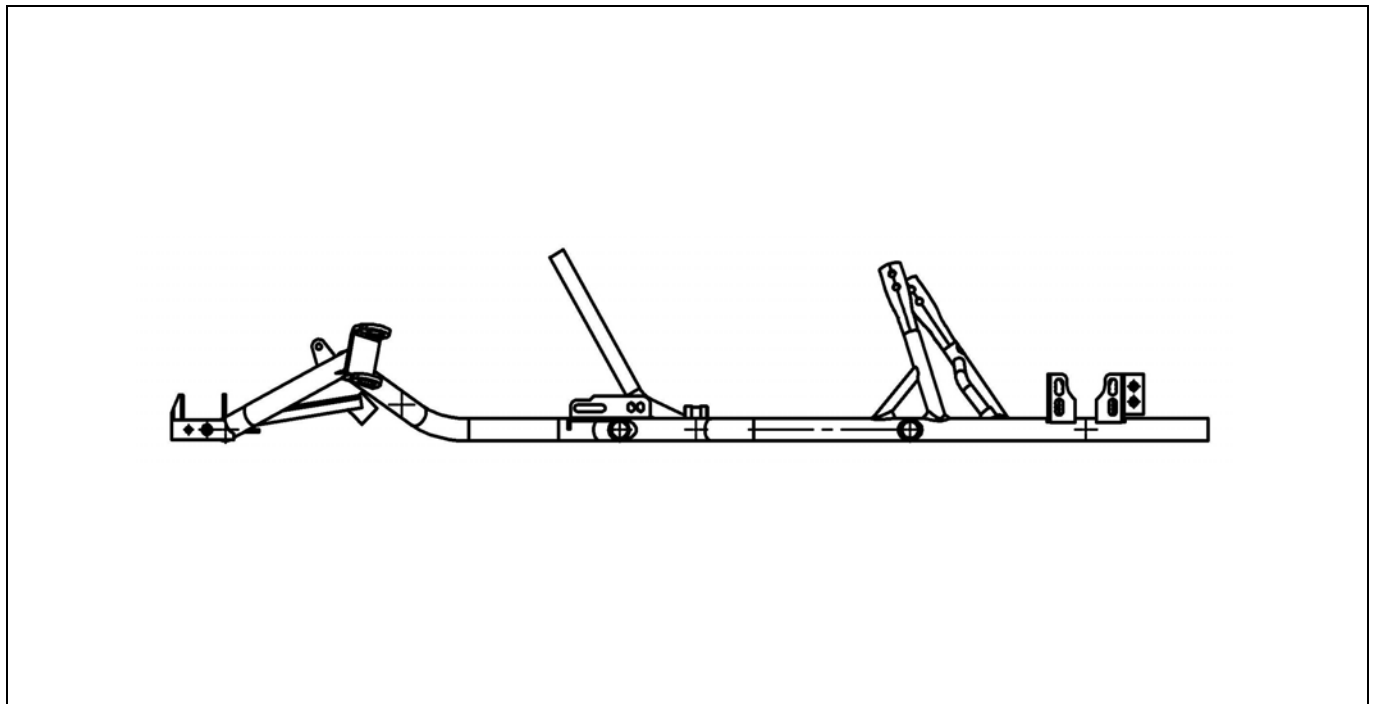
Signed by: **Michael Günther / John Ryan**

Position: **DMSB/MSA Technical Executive**

TECHNICAL DRAWINGS OF FRAME WITH MAIN DIMENSIONS



Top view in scale 1:10 with labels of table 1 (frame with all brackets and supports)



Side view in scale 1:10 with labels of table 1 (frame with all brackets and supports)

TABLE 1: DIMENSIONS OF FRAME AND REAR AXLE

Label		<i>Measurement</i>	<i>Tolerance/Remarks</i>
A'	Total length (w/o. front bumper)	1295 mm	+/- 10 mm
B'	Width at front axle*	655 mm	+/- 5 mm
C'	Width at rear axle	575 mm	+ 5 mm (centre to centre) mandatory: 600 +/- 25 mm acc. HR
D'	Wheelbase (mandatory)	950 mm	+/- 5 mm
E'	Distance of supports for side bodywork	380 mm	+/- 5 mm mandatory acc. drawing 18a of HR
<i>* measured from the outermost point of the front axle</i>			
Tube data			
	Number of bends	8	max. 8
	Number of tubes	6	Mandatory
	Diameter	28 mm	+/- 0.5 mm
	Wall thickness	2.0 mm	+/- 0.1 mm
	Material	Magnetic steel	Mandatory
	Number of bearings	2	Mandatory
Rear axle data			
	Material	Magnetic steel	Mandatory
	Diameter	max. 30 mm	Mandatory
	Wall thickness	min. 4.9 mm	Mandatory
	Length	960 mm	+/- 10 mm
	Weight	2,900 g	+/- 100 g

All pre-defined data including possible tolerances must be respected.

COMPLIMENTARY INFORMATION

Mounting sockets on lower front bumper are designed to accept fitment of CIK crash-tested and homologated 'Mini Kart' bodywork (see CIK Technical Regulations).

Note: Distance of this mounted sockets: 350 mm (centre to centre).

STEERING COLUMN ADAPTION (mandatory)

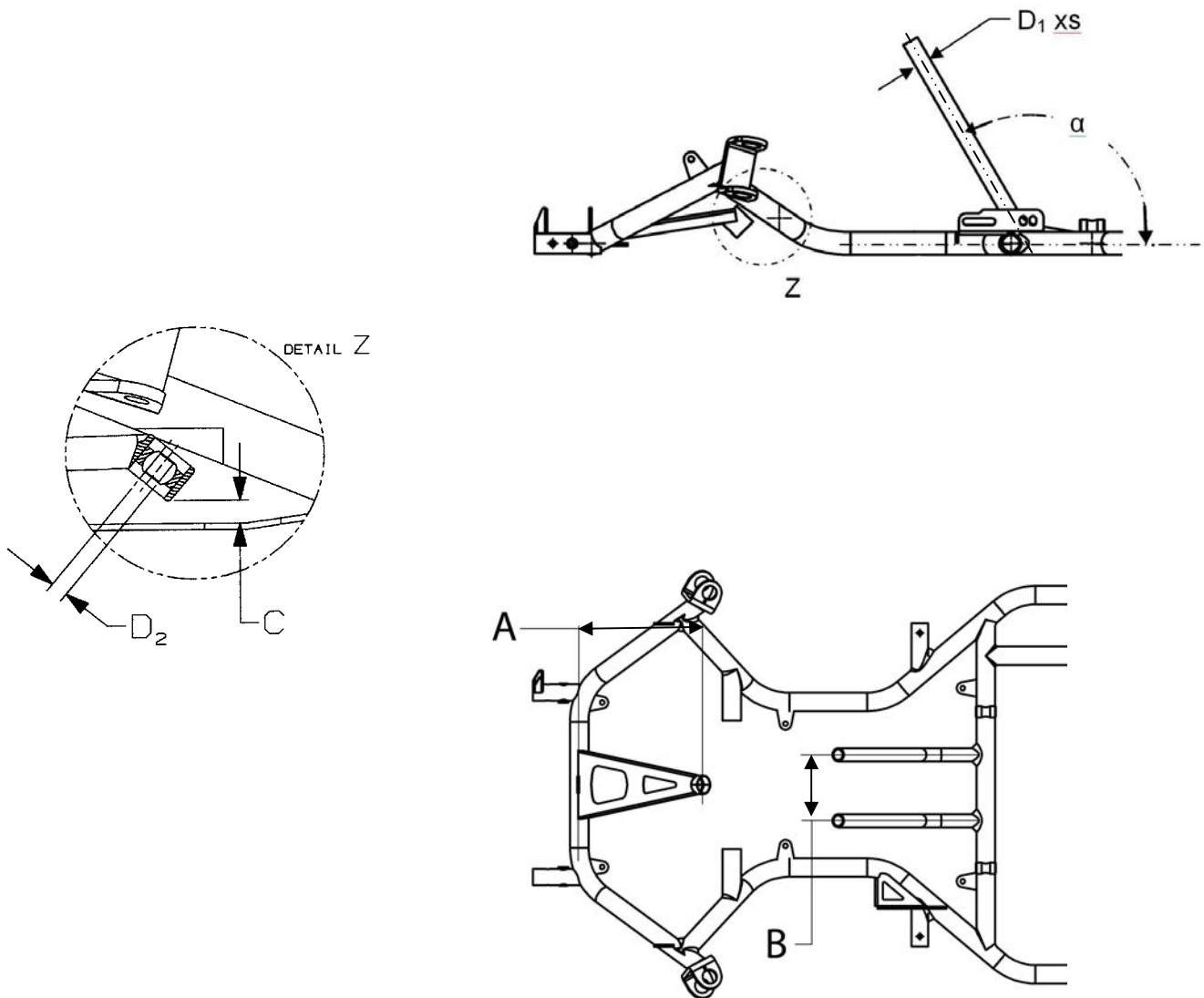


TABLE 2:

	Dimension (real)	Mandatory dimensions	Tolerances/remarks
α	113°	115°	$\pm 10^\circ$
A	190 mm	180 – 240 mm	Design optional
B	100 mm	100 mm	± 2 mm Distance of tank struts (parallel)
C	12 mm	15 mm	± 5 mm Distance to the upper edge of the floor
$D_1 \times s$	20x2mm	20 x 2 mm	± 0.5 mm Diameter and thickness of tank struts
D_2	8 mm	8 or 10 mm	± 0.1 mm Diameter of column bearing pin (Uniball)

HOMOLOGATION NUMBER MARKING



Photograph of Homologation Number marking



Photograph / drawing of position of Homologation Number marking