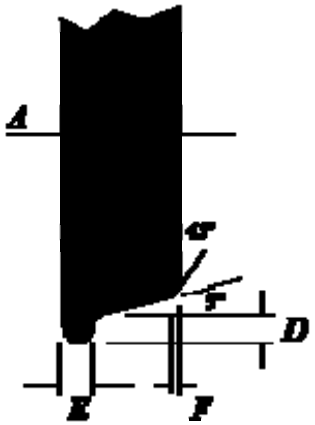
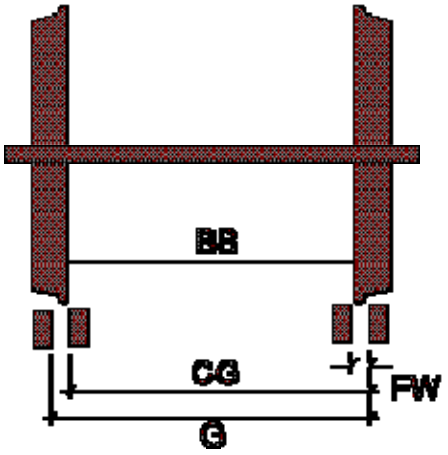
ScaleOne32 Wheel and Track Standards

ScaleOne32 Wheel Standards



	Description	S1:32
A	Tyre Width	4.5mm
C	Tyre Coning	3°
D	Flange Depth	1.0mm
E	Flange Width	1.0mm
F	Chamfer Depth	0.2mm
	Root Radius between flange and tread	0.5mm
	Flange tip radius	0.5mm

ScaleOne32 Track Standards



	Description	G1R
G	Gauge	45.0mm
OCR	Over check rails	42.0mm
WBB	Wheel back-to-back	42.25mm
TCG	Track Check Gauge	43.5mm
WCG	Wheel Check Gauge	43.25mm
FW	Flangeway	1.5mm

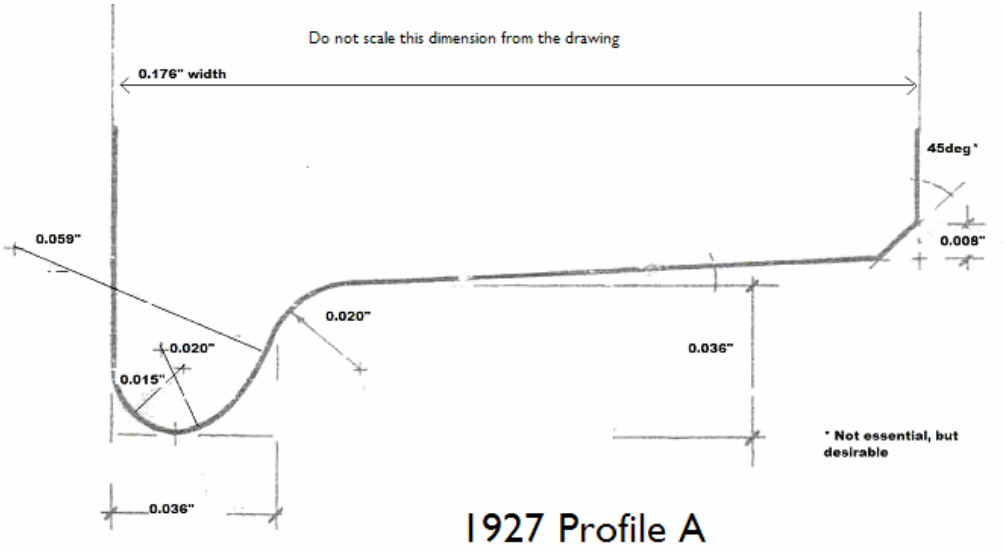
Gauge widening under 3m radius

G	Gauge	45.5mm
FW	Flangeway	2.0mm

Wheels must have a back-to-back more than the over check rails value of 42.0mm. The wheel check gauge (back of one flange to face of the other) must not exceed 43.5mm. With 1mm flanges, the check gauge for a wheelset should be 43.25mm.

Some form of springing or compensation is recommended when using these standards.
It is recommended that gauge widening is exercised when using these standards.

ScaleOne32 Wheel Profile



1927 Profile A