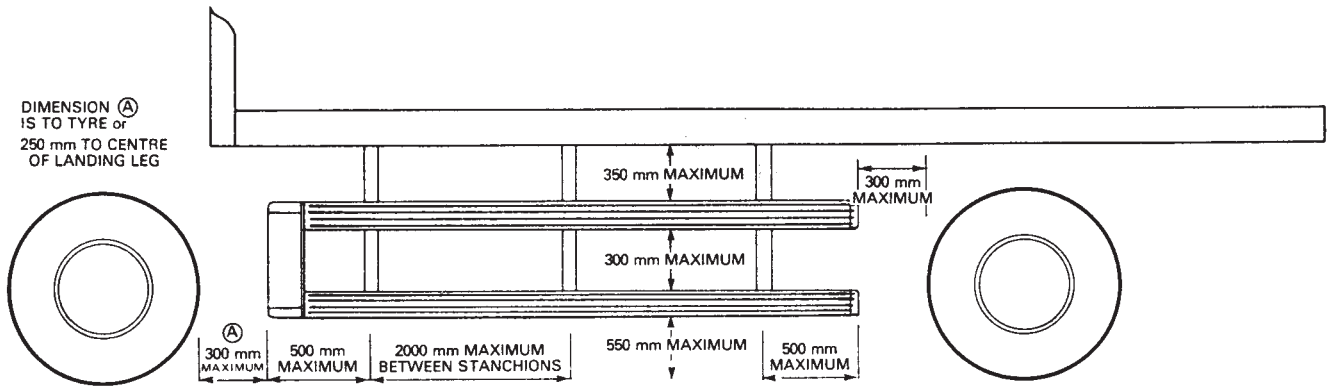


Side Guard Systems



This alloy side guard was specifically designed and manufactured to meet E.E.C. Legislation whilst at the same time being easy to assemble and under normal circumstances will remain maintenance free.

N.B. NEW REGULATIONS 105B REQUIRED THAT ALL SIDE GUARDS MUST BE MAINTAINED FREE FROM ANY DEFECTS LIKELY TO ADVERSELY AFFECT THEIR PERFORMANCE.

In the event of accidental damage to any part of the side guard structure simply release the fixing bolts and drill out rivets and replace that part.

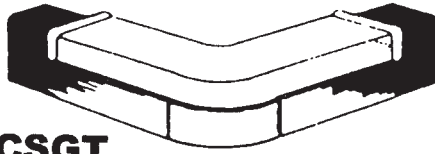
Being constructed of alloy it is approximately 50% lighter than that of steel comparisons, which in turn means greater payloads leading to higher profits.

DETAILED DIMENSIONAL REQUIREMENTS

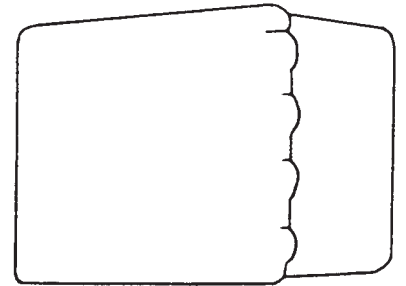
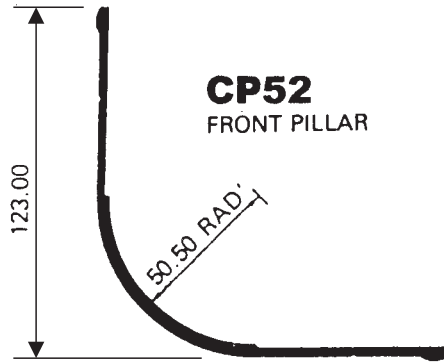
- (i) Side Guards must be within the vehicle's width and not more than 30mm inboard at any part.
- (ii) At the rear, on all vehicle types, they must extend to within 300mm of the nearest part of the nearest tyre.
- (iii) At the front they must be within 300mm of the nearest part of the nearest tyre on a motor vehicle and within 500mm of the nearest part of the nearest tyre on a draw bar trailer.
- (iv) For semi-trailers, at the front they must be within 3 metres of the nearest part of the rear-most tyre of the trailer unit, but if the vehicle has landing legs with centres not more than 2.75 metres from the king pin (or rearmost king pin if there are more than one). The front end must be within 250mm from the centre line of the landing legs.
- (v) For cases not covered by (iii) and (iv) above, the front end must be within 3 metres of the king pin (or rearmost king pin if there are more than one).
- (vi) The bottom edge must be within 550mm of ground level and the gap between the top edge and the bottom edge of the body must not exceed 350mm.
- (vii) Any edges must be rounded to a radius of at least 2.5mm. No gap must have a vertical measurement exceeding 300mm and any surrounds for such gaps must have a minimum dimension of 100mm in width.
- (viii) A sideguard must be capable of withstanding a force 2 kilonewtons applied perpendicular to any part of its surface by a ram (with a circular face which is not more than 220mm in diameter) without being deflected by more than 150mm or more than 30mm within 250mm of its rear-most end.

Side Guard Systems

System 1

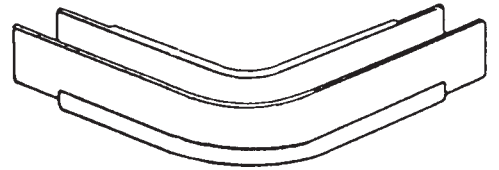
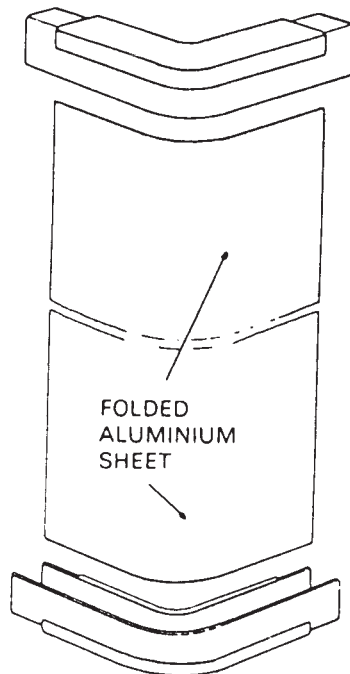


CSGT
TOP AND BOTTOM PILLAR CASTING
ALUMINIUM

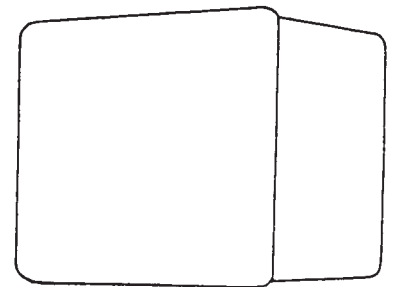


CSGE2 GUARD RAIL FRONT END STOP
ALUMINIUM

System 2



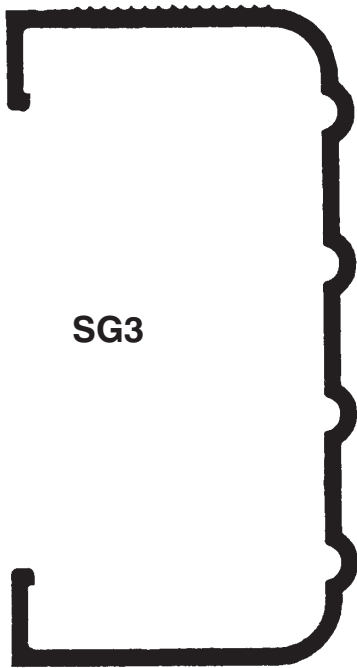
CS49
TOP AND BOTTOM
PILLAR CASTING ALUMINIUM



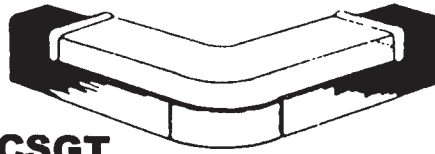
CS48
GUARD RAIL END STOP
ALUMINIUM

Side Guard Systems

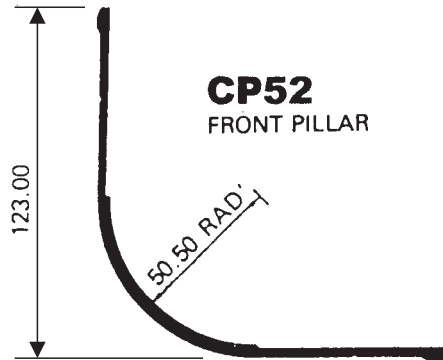
SYSTEM 3



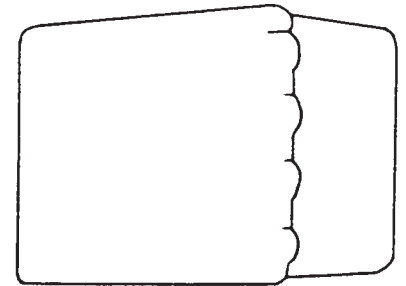
SG3



CSGT
TOP AND BOTTOM PILLAR CASTING
ALUMINIUM



CP52
FRONT PILLAR

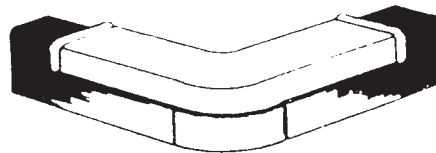


CSGE2 GUARD RAIL FRONT END STOP
ALUMINIUM

System 4



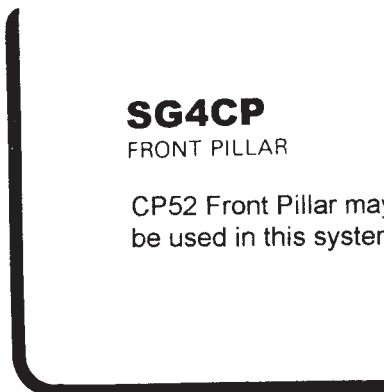
SG4



CSGT
TOP AND BOTTOM
PILLAR CASTING ALUMINIUM



CSGPE
BLACK PLASTIC END PLUG



SG4CP
FRONT PILLAR

CP52 Front Pillar may also
be used in this system

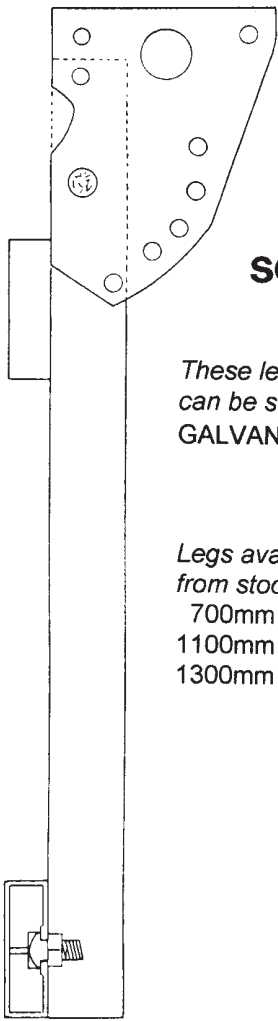


CSGPF
BLACK PLASTIC FRONT PLUG

Side Guard Systems

Approved and Tested to European Directive 89/297 Standards by the V.C.A.

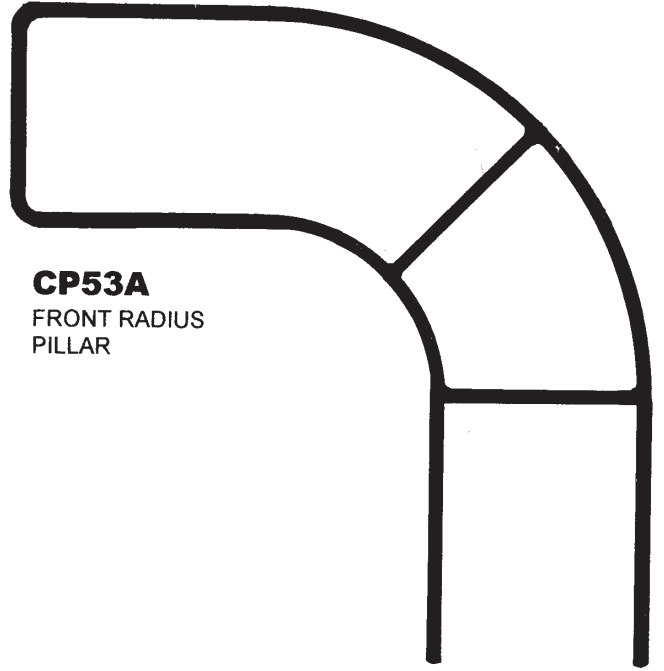
System 5



SGMK5

*These legs and hinges
can be supplied in
GALVANISED STEEL*

*Legs available
from stock
700mm
1100mm
1300mm*



CP53A

FRONT RADIUS
PILLAR

CSG5PR
Plastic Radius Cap

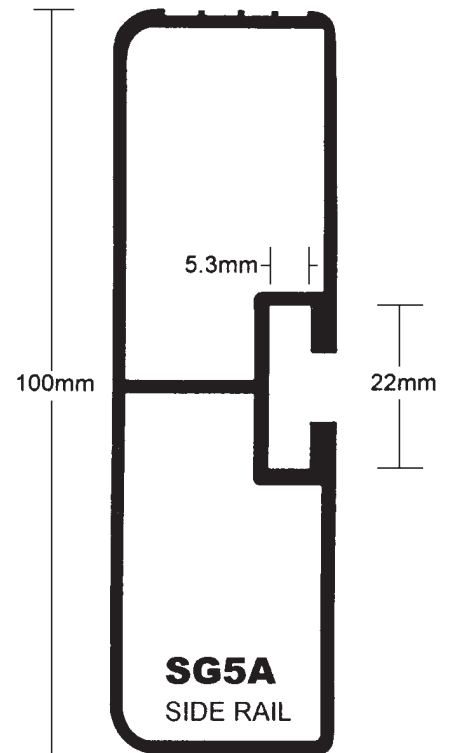


CSG5PE
Plastic End Cap



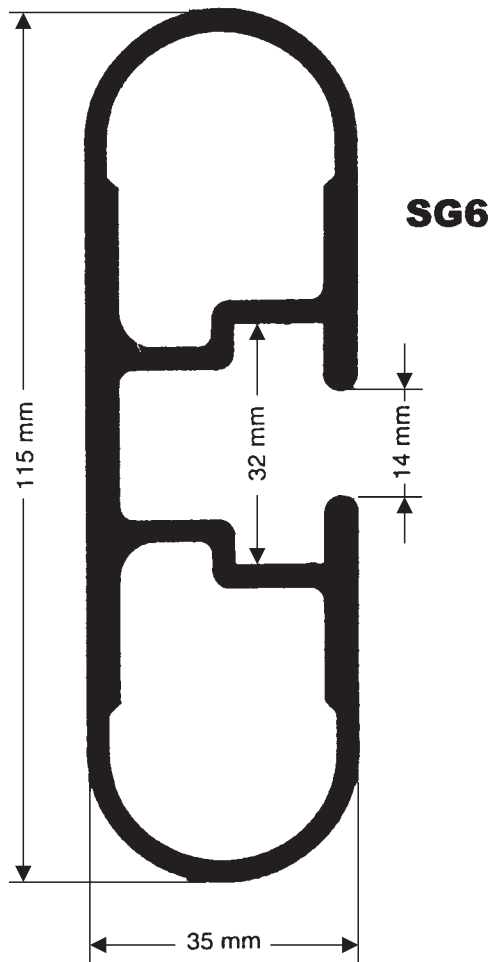
CSG5PE

30mm

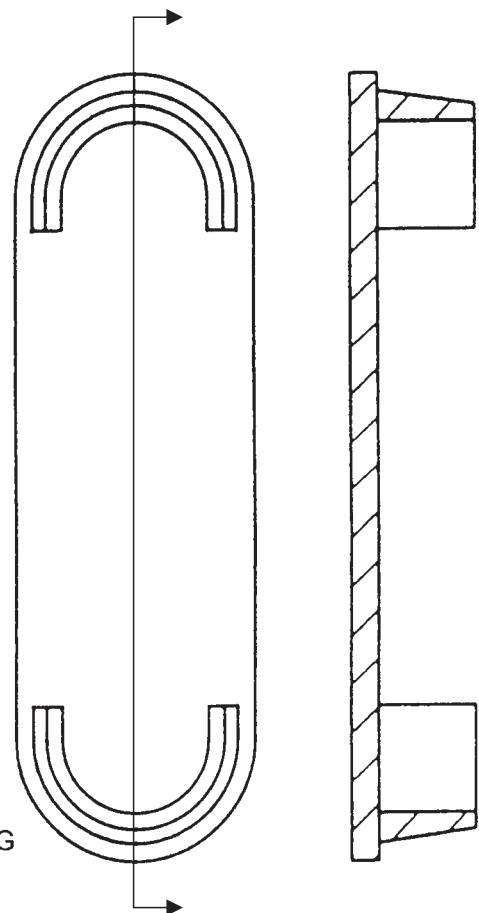


SG5A
SIDE RAIL

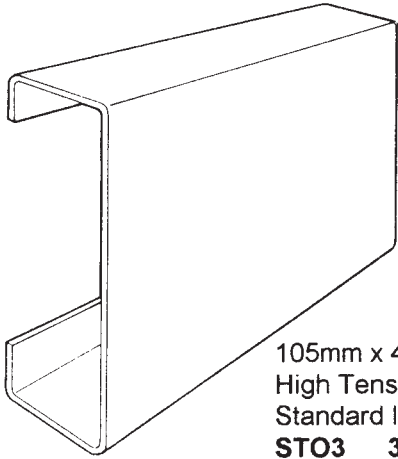
System 6



CS27
END PLUG CASTING
FOR SG6



Side Guard Systems (Plain Steel or Galvanised)



105mm x 40mm x 2mm
High Tensile Side Guard Rail
Standard lengths:
STO3 3mtr
STO3A 3.2mtr
STO4 4mtr
STO5 5mtr

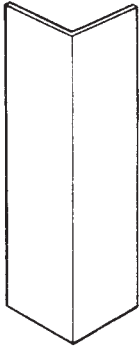


550mm Weld on Pillar
for Single rail applications.
Material thickness 2mm
PWL550
PWL550G
PWL750
PWL750G

950mm Weld on Pillar
for Double rail applications.
Material thickness 2mm
PWL950
PWL950G



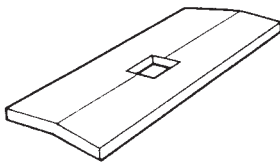
CSGPF
Front Plastic End Cap



PAL500
PAL500G
100mm Front Angle Cover.
Material thickness 2mm



CSGPE
Rear Plastic End Cap



SG3262
Clamp Plate for
easy fixing of rails
to pillar using M10
coach bolts

STANDARD KIT CONTENTS

REFERENCE	3 METRE SINGLE RAIL	4 METRE SINGLE RAIL	5 METRE SINGLE RAIL	3 METRE DOUBLE RAIL	4 METRE DOUBLE RAIL	5 METRE DOUBLE RAIL
STO3 3mtr	2	-	-	4	-	-
STO3A 3.2mtr	2	-	-	4	-	-
STO4 4mtr	-	2	-	-	4	-
STO5 5mtr	-	-	2	-	-	4
PAL500/500G	-	-	-	2	2	2
PWL550	4	4	6	-	-	-
PWL750/950	-	-	-	4	4	6
SG3262	4	4	6	8	8	12
CSGPF	2	2	2	-	-	-
CSGPE	2	2	2	4	4	4