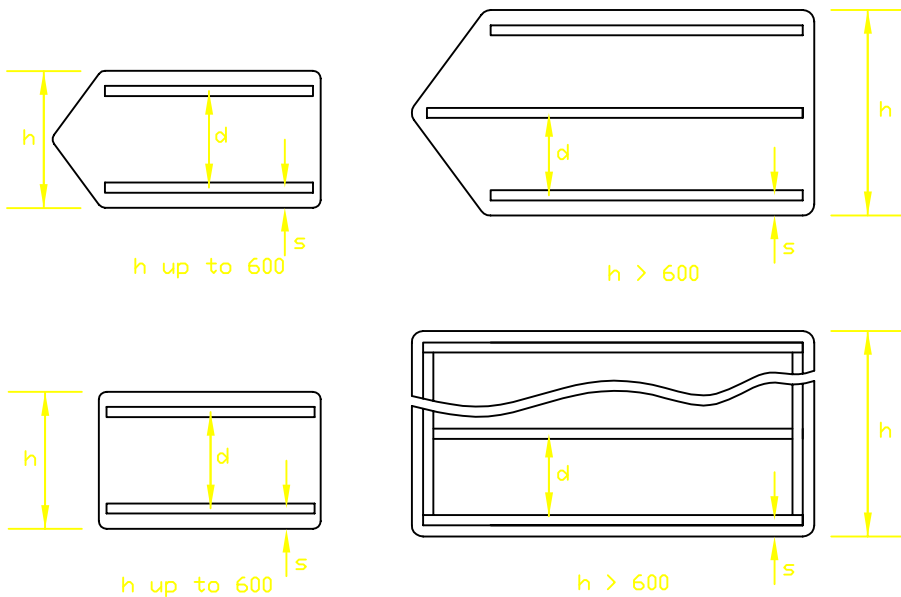
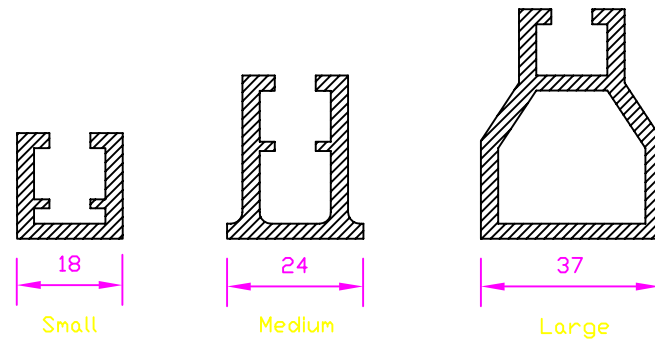


**NOTE** Circular and rectangular sign faces should normally be applied to square or rectangular backing plates.



**STRENGTHENING BAR REQUIREMENTS**

TRIANGULAR	Sign Height h	300	450	600	750	900	1200	1500
	No. of bars	-	-	2	2	2	2	3
	Offset from horiz. edge(s)	-	-	40	60	80	100	100
	Bar spacing (d)	-	-	400	400	600	775	500
CIRCULAR	No. of bars	2	2	2	2	2	3	3
	Bar spacing (d)	200	250	300	400	500	400	500
	Bar size (see note 3)	Small	Small	Small	Med.	Med.	Large	Large



**TYPICAL CHANNEL CROSS SECTIONS**

Sign Height h	Up to 600	>600
Offset from horiz. edge	25 min. 60 max.	60
Bar spacing (d)	-	600 max.
Bar size	(see note 9)	

**9. Cont'd.**

less than 600 shall be provided with Small horizontal bars.

10. Wherever possible, sign faces shall be constructed from a single sheet of aluminium in accordance with Clause 1205. If vertical joints are necessary, they shall be constructed by means of a strip of aluminium 50 wide, fixed along the entire length of the joint with rivets in accordance with Note 3 above. Horizontal joints shall be constructed in accordance with the recommendations of the channel manufacturers.

**11. Framing**

Signs less than 1m<sup>2</sup> in area - Stiffening and double sided tape.  
Signs greater than 1m<sup>2</sup> in area - Channel framing. Where possible corners of signs should have a radius, although the smallest available radius (50mm) on 40mm channel will not be suitable for smaller signs.

**NOTES**

- All dimensions are in millimetres unless otherwise stated.
- Extruded aluminium channels for use as backing bars to comply with BS1474. Wall thickness of extrusion to be 2.5mm nominal.
- The stiffening of sign plates must be achieved in a manner such that sign face material is not punctured or otherwise damaged.
- Signs to be attached to posts either by stainless steel channel clips, or stainless steel banding applied as per manufacturer's instructions. Signs are to be attached to posts at each incidence of post and channel.
- Clips to be manufactured from AISI 304 stainless steel alloy to BS970 and attached to the channel with 13mm square-headed M8 AISI 304L alloy bolts, tightened to a torque load of 1.33 x 10<sup>4</sup> Kg<sub>f</sub> /m<sup>2</sup>.
- Banding to be manufactured from type 201 stainless steel to BS970, 0.76mm (0.030") thick, 13.0mm wide, buckles and other fixings to be of type 201 alloy.
- Vertical spacing of horizontal backing bars shall not exceed 600. All signs shall have a minimum of two horizontal bars.
- Rectangular signs exceeding 600 vertically shall be provided with vertical backing bars along each vertical edge.
- On rectangular signs not exceeding 1500 overall width when erected on one post, 2300 width on two posts or 3000 width on three posts, horizontal backing bars shall be Medium, vertical Small. Signs with width exceeding the above values shall be provided with Large horizontal and Medium vertical bars. Signs with width

No.	Date	Description
AMENDMENTS		