MP200 | Multiplate Pipe

MP200 structures are assembled using multiple plates of various widths (see table 1) to make up the structure.

The circumferential joints of the structure are staggered longitudinally.

The plates are corrugated as indicated in figure 2 and have the properties indicated in table 2.

The structures are manufactured in 2,5; 3,0; 4,0; 5,0; 6,0 or 7,0 mm thick steel.

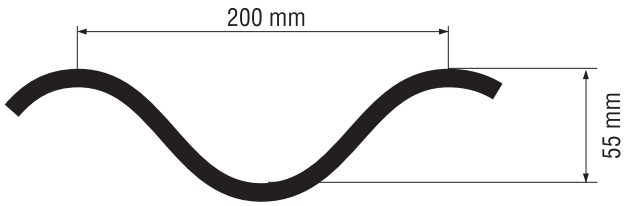

Fig. 1 - Typical corrugation **(MP200)**

No. of Circumferential Bolt Holes	No. of Spaces	Effective Width (mm)	Overall Width (mm)
5	4	940	1060
7	6	1410	1530
8	7	1645	1765

Table 1 - Details of uncurved corrugated multiplate sections

Thickness (mm)	Area of Section (mm^2/mm)	Moment of Inertia (mm^4/mm)	Section Modulus (mm^3/mm)	Radius of Gyration (mm)
3,0	3,56	1287	44,40	19,01
4,0	4,75	1811	61,40	19,53
5,0	5,94	2270	75,70	19,55
6,0	7,12	2734	89,60	19,60
7,0	8,31	3208	103,50	19,65

Table 2 - Sectional properties

Fig. 1 - Typical plate

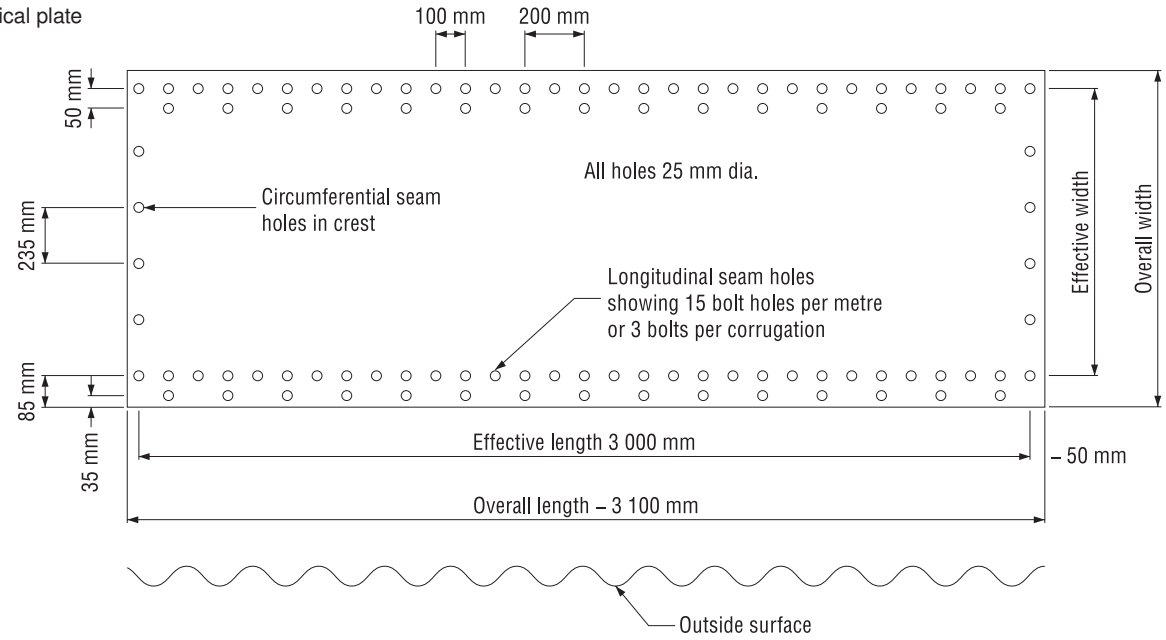

PLATE MARKINGS

Hard punched identification numerals are placed on each plate, indicating the job number by the first four digits, the material thickness by the fifth, and the radius of curvature of the plate in centimetres by the last three digits.

Each plate which is cut or welded to form part of a structure is marked in such a way that it can be identified on an accompanying drawing, designating the correct position in the structure.