Design for Galvanizing





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3) Avoid designs that require double dipping.

It is preferable to build assemblies and

dip so the entire article can expand and

4) Ensure the structural design of the item is sufficient to support its own weight at 50%

of the steel's specified yield strength.

6) Use temporary bracing or reinforcing on

thin-walled and asymmetrical designs.

5) Avoid using large areas of thin (under 8mm),

contract uniformly.

unbraced flat plate.

sub-assemblies in suitable modules allowing

for quick immersion and galvanized in a single

SHS

| P | RHS | |
|---|-----|--|
| | | |

| Holes (mm) | 4 Holes Ø (mm) | A x B (mm) | 1 Hole Ø (mm) | 2 Holes Ø (mm) | 4 Holes Ø (mm) |
|---------------|-------------------|---------------|------------------|-------------------|-------------------|
| 10 | 10 | 20 x 20 | 10 | 10 | 10 |
| 10 | 10 | 25 x 25 | 10 | 10 | 10 |
| 10 | 10 | 30 x 30 | 11 | 10 | 10 |
| 10 | 10 | 35 x 35 | 12 | 10 | 10 |
| 11 | 10 | 40 x 40 | 14 | 10 | 10 |
| 13 | 10 | 50 x 50 | 18 | 13 | 10 |
| 16 | 11 | 65 x 65 | 25 | 16 | 11 |
| 18 | 13 | 75 x 75 | 25 | 19 | 13 |
| 20 | 14 | 89 x 89 | 35 | 22 | 16 |
| 25 | 17 | 90 × 90 | 35 | 25 | 16 |
| 30 | 22 | 100 x 100 | 35 | 25 | 18 |
| 30 | 22 | 125 x 125 | 45 | 35 | 22 |
| 40 | 30 | 150 x 150 | 55 | 40 | 30 |
| 50 | 35 | 200 x 200 | 75 | 50 | 35 |
| 60 | 40 | 250 x 250 | 90 | 65 | 45 |
| 65 | 45 | 300 x 300 | 110 | 75 | 55 |
| 75 | 55 | 350 x 350 | 125 | 90 | 65 |
| 85 | 60 | 400 x 400 | 145 | 100 | 75 |
| 90 | 65 | | | | |

| A x B (mm) | 1 Hole Ø (mm) | 2 Holes Ø (mm) | 4 Holes Ø (mm) |
|---------------|------------------|-------------------|-------------------|
| 50 x 25 | 14 | 10 | 10 |
| 65 x 35 | 18 | 13 | 10 |
| 75 x 25 | 20 | 14 | 10 |
| 75 x 50 | 25 | 16 | 11 |
| 100 x 50 | 30 | 20 | 14 |
| 125 x 75 | 40 | 30 | 18 |
| 150 x 50 | 40 | 30 | 20 |
| 150 x 100 | 45 | 35 | 25 |
| 200 × 100 | 60 | 40 | 30 |
| 250 x 150 | 75 | 55 | 40 |
| 300 × 200 | 90 | 65 | 45 |
| 350 x 250 | 110 | 80 | 55 |
| 400 × 200 | 115 | 80 | 60 |
| 400 x 300 | 125 | 90 | 65 |

Note: '1 hole', '2 holes' and '4 holes' means the number of holes in each otherwise unopen end.

Designs which will need special consideration to provide the highest quality HDG finish are:

- Handrails with multiple planes (corner or bent sections) so that some parts of the handrail vent and drain slower than others parts within the same handrail. This can affect available hanging angles due to both vent and drain designs and bath size restrictions which could reduce coating guality.
- Vent and drain holes that are internal will need to be verified through the use of external inspection holes.