DESIGN FOR GALVANIZING

Certain rules must be followed when designing components for galvanizing, but the rules are readily applied and in many cases they are simply those which are good practice to ensure maximum corrosion protection.

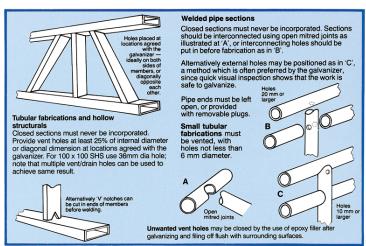
Adoption of the following design practices will ensure the safety of galvanizing personnel, ease the galvanizer's task, and produce optimum quality galvanizing. If in doubt concerning preferred design details check with your galvanizer or Galvanizers Association of Australia.

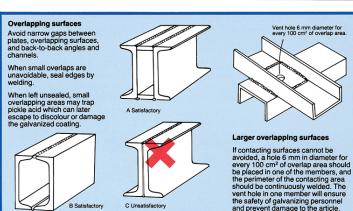
Size and shape

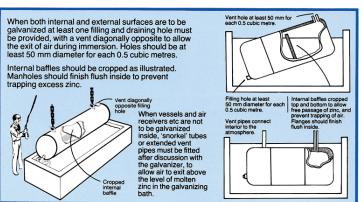
Almost any component can be galvanized by designing and building in modules to suit available galvanizing facilities, but it is wise to check work dimensions with your galvanizer at an early design stage.

Safety

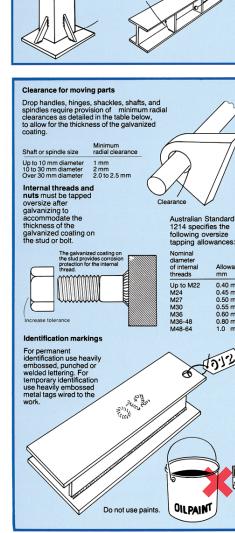
Vessels and hollow sections, including those in small diameter tubular fabrications, must be vented to atmosphere for the safety of galvanizing personnel and to prevent possible damage to the article. At galvanizing temperatures moisture trapped in closed sections is converted rapidly to superheated steam, generating explosive forces unless vented.

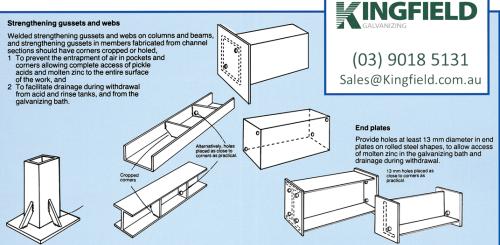












Allowance.

0.40 mm

0.45 mm

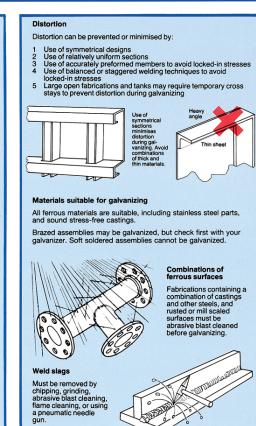
0.50 mm

0.55 mm

0.60 mm

0.80 mm 1.0 mm

49.1.5



Work not suitable for handling with chains, brackets, hooks

or jigs must be provided with significantly large suspension holes or fittings. If in doubt check with your galvanizer

Provision for handling