

SAFETY IN VENTING FOR GALVANIZING

Certain rules must be followed when designing components for galvanizing and adoption of the following design practices will ensure the safety of galvanizing personnel and produce optimum quality galvanizing.

IF IN DOUBT CONCERNING PREFERRED DESIGN DETAILS, CONSULT WITH YOUR GALVANIZER.

INTERNAL VENT AND DRAIN GUIDE RULES

Note: 10mm ϕ check holes at every connection

NEVER THIS R.I.P.

SIZE DOES MATTER

OPEN AREA REQ'D

EXAMPLE OF MULTIPLE HOLES SIZES

- ORIGINAL HOLE SIZE REQ'D 50mm ϕ
- 2 HOLES MUST BE 36mm ϕ
- 4 HOLES MUST BE 26mm ϕ

NO HOLE SIZE LESS THAN 10mm ϕ

MINIMUM HOLE SIZE SHOULD BE 50% OF THE CROSS SECTIONAL DIMENSION.

EXTERNAL VENT AND DRAIN GUIDE RULES

Jig points

vent holes

centre holes keyed to inside edge of hollow section

Open ended best

drain holes

Diagonal venting & draining for each individual section.

MIN. HOLE SIZE IS 1/4 OF DIAGONAL DIMENSION OF CROSS SECTION.

NO HOLE TO BE LESS THAN 10mm ϕ IN ANY CIRCUMSTANCE

DON'T LET THIS HAPPEN

VENT AND DRAIN REQUIREMENTS FOR GATES AND FENCING

CHECK HOLE FOR BLIND CONNECTION

● ■ = OPEN HOLES

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.

galvanizers
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