

# Code of Practice Bearings

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## 1. General

BTN024 Bearings states VicRoads' requirements for the design and specification of bearings for bridges.

Bridge Technical Notes are a Code of Practice. Compliance with Bridge Technical Notes is mandatory.

Other than as stated in this document and relevant VicRoads standard specifications, the provisions of AS5100:2017 shall apply. Where this document differs from AS5100:2017, its requirements override those of AS5100:2017.

## 2. Spherical bearings with approved sliding material

The supplier's name and proprietary bearing type shall be nominated on the drawings.

## 3. Restraint

Bearing restraints for elastomeric bearings shall:

- provide restraint to the top and bottom of the bearing
- be bolted to the bottom of the beam and to the bearing pedestal.

Use of dowels to restrain bearings is not permitted due to the difficulty this can cause if bearing replacement is required.

## 4. Bearing pedestals

Bearing pedestals must be designed in accordance with AS5100.5 and include reinforcement which is suitably spliced into the cross-head or abutment reinforcement.

Bearing Pedestals shall have 25mm chamfered edges.

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***Bridge Technical Notes are subject to periodic review and may be superseded.***