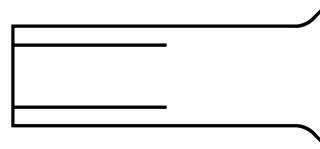
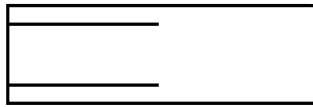




SAMPLE SPECIFICATION: DEFORMATION-CONTROLLED EXPANSION ANCHOR



SCOPE

This sample specification provides guidance to help develop an accurate and complete specification for deformation-controlled expansion (“drop-in”) anchors for use in concrete. This document is a guide only and should not be considered a suitable substitute for material provided in the manufacturer’s installation instructions accompanying a product.

IMPORTANCE OF CORRECT SPECIFICATION

- Incorrect installation may prevent the anchor from functioning as intended.
- A complete and accurate specification is necessary to ensure the contractor purchases the correct product and setting tools so that the installer adopts the correct installation practice.
- Failure of an anchor may cause severe injury, economic loss and in some circumstances, loss of life.

MINIMUM INFORMATION TO BE SPECIFIED

The following information is recommended for inclusion in the specification. Always refer to manufacturer’s installation instructions for a complete list of items to be included in the specification.

Anchor name	Name	
	Part number	
	Diameter and length (mm)	(E.g. M12 x 50mm)
	Finish / coating	(E.g. Galvanised / Class 4)
Drill hole	Diameter (mm)	(E.g. 15mm)
	Depth (mm)	(E.g. 55mm)
Setting tool	Name	
	Size	(E.g. ½” x 50mm)
Tightening torque (N.m)	If applicable	

NOTES

The anchor shall be installed according to manufacturer’s instructions. The setting tools (including setting punch, sockets etc.), cleaning accessories (Blow-out pump and cleaning brushes etc.) shall be used as per the manufacturer’s installation instructions.

CHANGE MANAGEMENT

The proper change management procedure must be followed if an alternative anchor is proposed. An alternate anchor should not be deemed a satisfactory substitute without the written consent of the designer/specifier.