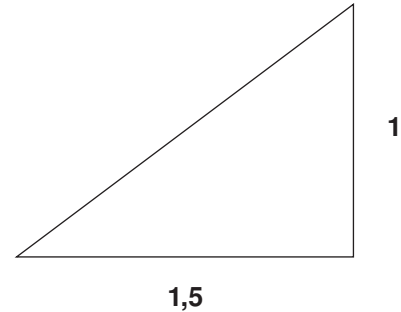


Corrugated Steel Pipe Bevel Specifications

BEVEL DETAILS AND STRUCTURE MEASUREMENT PARAMETERS

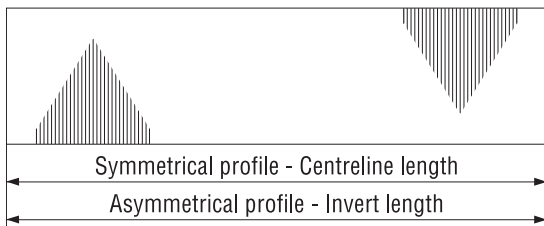
Armco Superlite has four different standard end details. These are shown below together with the method of measurement used for each type. The length applicable to each type should be used when specifying that structure. Note that reference is made to symmetrical and asymmetrical structures. Symmetrical structures include round pipes and ellipses, while asymmetrical structures include pipe-arches, underpasses and arches.

Bevelled ends are usually cut to conform to the slope of the embankment. The slope must be clearly indicated when ordering bevelled ends. For convenience the slope is defined as slope = (vertical) : (horizontal) eg. slope = 1:1,5.

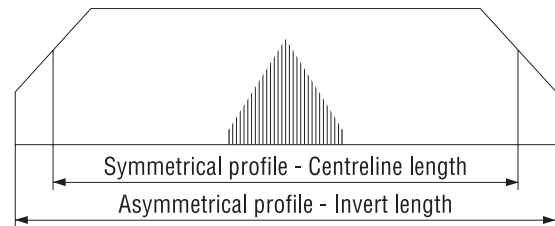


The invert slope of the culvert may influence the angle to which a bevelled end is cut. We recommend that this slope be indicated where the slope exceeds 2%.

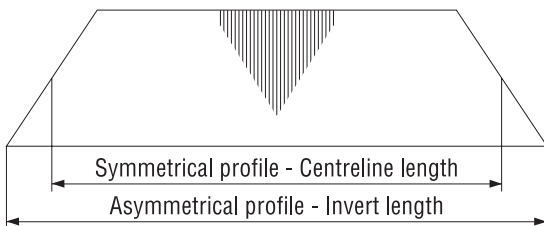
1. Square-ended structures



3. Cutoff bevel structures



2. Full bevel structures



4. Step bevel structures

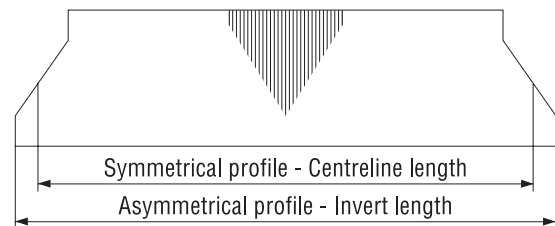


Fig. 3 - Typical bevels

SKEW BEVEL REQUIREMENTS

In order to ensure uniformity in the ordering of structures on which skew bevels have to be cut, we recommend that figure 4 be used and that all angles of skew be stated in terms of skew numbers. The skew number must be read off at the inlet end of the structure eg. in figure 4.

- Structure 1 is skew 60
- Structure 2 is skew 90
- Structure 3 is skew 120

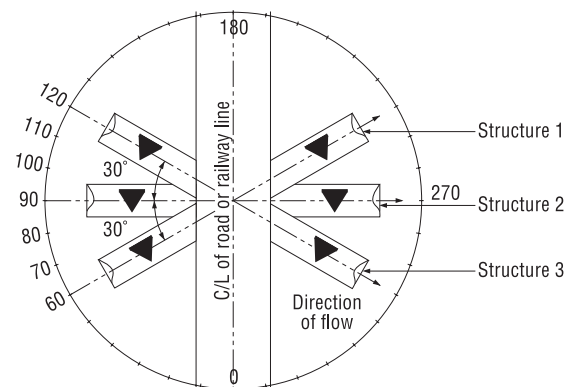


Fig. 4 - Skew Numbers