

James Walker	Title: DIMENSIONAL INSPECTION OF MANUFACTURED PARTS 80MM AND BELOW	Date: Feb 01, 2024	Rev: 1	Page: Page 1 of 1	Document No: SIP15 Approved by: Quality Team
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General Overview

This document should be referred to as a guide during dimensional inspection of all James Walker parts in conjunction with any JW or customer stated requirement.

This Standard Inspection Process Guide covers the below dimensional requirements for parts 80mm and below manufactured at James Walker Cockermouth.

- PI tape, 20-300mm is not to be used on parts 80mm and below
- Vernier is to be used to measure outside diameter of parts 80mm and below

All Cockermouth inspection personnel should be made aware of this SIP and sign an associated document as having been informed of the requirements and willingness to carry them out.

1. Pi Tapes – 20-300mm

With effect from 01/02/2024 Pi tapes 20-300mm are not to be used to measure manufactured parts below the diameter of 80mm.

2. Use of Vernier to Measure Outside Diameter

To measure the outside diameter a vernier is to be used to measure diameters up to 80mm. To ensure an accurate measurement the outside diameter is to be measured in 4 places around the outside diameter and the average of the 4 measurements is to be recorded as the outside diameter of that specific part.

IF IN DOUBT ASK!

End