

Document Number.: BEL-QS-0005	Revision: C
Document Title: Heat Treat Inspection Standard	Rev Date: 6/7/2018
Approval: CMCB	Created: 9/7/2017

Rev	Date	Rev description
A	9/7/2017	Document Established
B	11/3/2017	Added artwork for grooved yoke. Updated header
C	6/7/2018	Removed address from header; added footer

1. Purpose

This document establishes the standard instructions for inspecting yokes after a heat-treating operation. This standard will ensure validation of hardness requirements.

2. Scope

This work instruction applies to all MIL STD yokes and their derivatives.

3. Authority and Responsibility

The Quality Manager is responsible for the implementation of this standard with the assistance of other departments as needed. Suppliers providing heat-treating services to Belden for the aforementioned types of yokes will use to check parts and ensure they meet hardness requirements. Suppliers will be required to provide inspection reports as evidence of conformance to this standard. Belden’s inspection team will use this instruction to validate results provided by suppliers.

4. Activity

Hardness must be checked at each of the five locations indicated on figure 1 and verified against the value specified on the drawing.

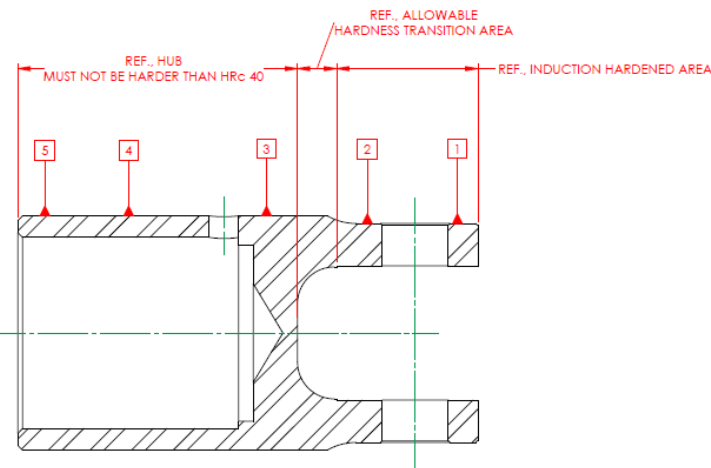


Figure1: Location of Hardness Measurements for Yokes without Boot Groove

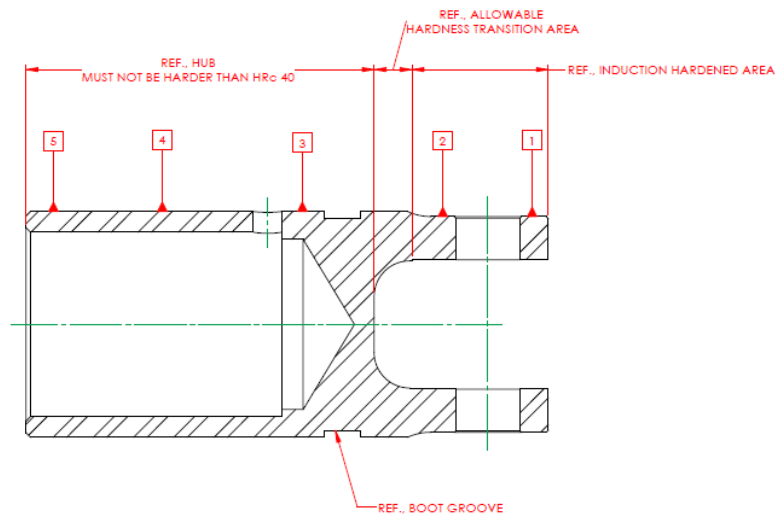


Figure2: Location of Hardness Measurements for Yokes with Boot Groove