

# I-04

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## TOOLMAKER TRAINING

### SKILL CHECK GUIDE

Duty I: Jig Bore  
I-04: Chart Dimensions  
Issued 04/01/98

## **Rationale**

This Skill Development Guide provides the knowledge a Learner needs to chart dimensions. The Learner must be able to chart dimensions.

## **Skill Check Set-Up**

Provide the trainee with the same piece part used in the skill steps. Ask the Learner to chart the dimensions. Provide the tools, materials, and resources needed to demonstrate the task.

## What The Learner Will Need

This section contains the safety information, tools, and resources you will need before charting dimensions.



- Follow all Caterpillar facility safety standards when performing this task.
- During machine setup, the machine spindle must be in the neutral state.



- jig bore
- required tool room equipment
- dial indicator (tenths)



- prints
- piece parts



## Skill Check

Given a jig bore with the work surfaces clean, setup equipment indicated, and the machine origin set, chart the dimensions.

Needs  
Mastered Practice

### Safe Work Practices

- |       |       |  |
|-------|-------|--|
| _____ | _____ | 1. Follow all Caterpillar facility safety standards when performing this task. |
| _____ | _____ | 2. During machine setup, the machine spindle must be in the neutral state.     |

### Task Standards

- |       |       |  |
|-------|-------|--|
| _____ | _____ | 1. Charted dimensions must match the part dimensions.                |
| _____ | _____ | 2. All safe practices must be demonstrated during machine operation. |



## Evaluator's Sign-Off

The Learner has demonstrated safe work practices and competent performance of the task.

Evaluator: \_\_\_\_\_ Date: \_\_\_\_\_

Learner: \_\_\_\_\_ Clock No: \_\_\_\_\_

