# Assignment 10

The due date for completing this assignment is: **2020-04-06**.

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## Question 1

If the outer ring of a ball bearing without any modifications to measure both static and dynamic loads, the use of inner coverry of the outer ring by 0.3 mm should be done to:

- A. Reduce friction
- B. Increase accuracy
- C. Reduce wear
- D. Increase load capacity

## Question 2

The inner ring of the bearing is measured with a micrometer and the following results are obtained:

- A. 10 mm
- B. 10.01 mm
- C. 9.99 mm
- D. 10.02 mm

## Question 3

If the outer ring of a ball bearing without any modifications to measure both static and dynamic loads, the use of inner coverry of the outer ring by 0.3 mm should be done to:

- A. Reduce friction
- B. Increase accuracy
- C. Reduce wear
- D. Increase load capacity

## Question 4

If the outer ring of a ball bearing without any modifications to measure both static and dynamic loads, the use of inner coverry of the outer ring by 0.3 mm should be done to:

- A. Reduce friction
- B. Increase accuracy
- C. Reduce wear
- D. Increase load capacity

## Question 5

If the outer ring of a ball bearing without any modifications to measure both static and dynamic loads, the use of inner coverry of the outer ring by 0.3 mm should be done to:

- A. Reduce friction
- B. Increase accuracy
- C. Reduce wear
- D. Increase load capacity

## Question 6

If the outer ring of a ball bearing without any modifications to measure both static and dynamic loads, the use of inner coverry of the outer ring by 0.3 mm should be done to:

- A. Reduce friction
- B. Increase accuracy
- C. Reduce wear
- D. Increase load capacity

## Question 7

If the outer ring of a ball bearing without any modifications to measure both static and dynamic loads, the use of inner coverry of the outer ring by 0.3 mm should be done to:

- A. Reduce friction
- B. Increase accuracy
- C. Reduce wear
- D. Increase load capacity

## Question 8

If the outer ring of a ball bearing without any modifications to measure both static and dynamic loads, the use of inner coverry of the outer ring by 0.3 mm should be done to:

- A. Reduce friction
- B. Increase accuracy
- C. Reduce wear
- D. Increase load capacity

## Question 9

If the outer ring of a ball bearing without any modifications to measure both static and dynamic loads, the use of inner coverry of the outer ring by 0.3 mm should be done to:

- A. Reduce friction
- B. Increase accuracy
- C. Reduce wear
- D. Increase load capacity

## Question 10

If the outer ring of a ball bearing without any modifications to measure both static and dynamic loads, the use of inner coverry of the outer ring by 0.3 mm should be done to:

- A. Reduce friction
- B. Increase accuracy
- C. Reduce wear
- D. Increase load capacity

## Diagram

![Diagram of ball bearing](image.png)

- Fourpairs of needle bearings are used to support the shaft in this arrangement.
- Two ball bearings are used to support the shaft in this arrangement.
- Three ball bearings are used to support the shaft in this arrangement.
- Four pairs of needle bearings are used to support the shaft in this arrangement.
- Three pairs of needle bearings are used to support the shaft in this arrangement.

## Question 11

If the outer ring of a ball bearing without any modifications to measure both static and dynamic loads, the use of inner coverry of the outer ring by 0.3 mm should be done to:

- A. Reduce friction
- B. Increase accuracy
- C. Reduce wear
- D. Increase load capacity

## Question 12

If the outer ring of a ball bearing without any modifications to measure both static and dynamic loads, the use of inner coverry of the outer ring by 0.3 mm should be done to:

- A. Reduce friction
- B. Increase accuracy
- C. Reduce wear
- D. Increase load capacity

## Question 13

If the outer ring of a ball bearing without any modifications to measure both static and dynamic loads, the use of inner coverry of the outer ring by 0.3 mm should be done to:

- A. Reduce friction
- B. Increase accuracy
- C. Reduce wear
- D. Increase load capacity

## Question 14

If the outer ring of a ball bearing without any modifications to measure both static and dynamic loads, the use of inner coverry of the outer ring by 0.3 mm should be done to:

- A. Reduce friction
- B. Increase accuracy
- C. Reduce wear
- D. Increase load capacity

## Question 15

If the outer ring of a ball bearing without any modifications to measure both static and dynamic loads, the use of inner coverry of the outer ring by 0.3 mm should be done to:

- A. Reduce friction
- B. Increase accuracy
- C. Reduce wear
- D. Increase load capacity

## Question 16

If the outer ring of a ball bearing without any modifications to measure both static and dynamic loads, the use of inner coverry of the outer ring by 0.3 mm should be done to:

- A. Reduce friction
- B. Increase accuracy
- C. Reduce wear
- D. Increase load capacity

## Question 17

If the outer ring of a ball bearing without any modifications to measure both static and dynamic loads, the use of inner coverry of the outer ring by 0.3 mm should be done to:

- A. Reduce friction
- B. Increase accuracy
- C. Reduce wear
- D. Increase load capacity

## Question 18

If the outer ring of a ball bearing without any modifications to measure both static and dynamic loads, the use of inner coverry of the outer ring by 0.3 mm should be done to:

- A. Reduce friction
- B. Increase accuracy
- C. Reduce wear
- D. Increase load capacity

## Question 19

If the outer ring of a ball bearing without any modifications to measure both static and dynamic loads, the use of inner coverry of the outer ring by 0.3 mm should be done to:

- A. Reduce friction
- B. Increase accuracy
- C. Reduce wear
- D. Increase load capacity

## Question 20

If the outer ring of a ball bearing without any modifications to measure both static and dynamic loads, the use of inner coverry of the outer ring by 0.3 mm should be done to:

- A. Reduce friction
- B. Increase accuracy
- C. Reduce wear
- D. Increase load capacity