



Clear my choice

Question 29

Not yet
answered

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1.00

Flag
question

The error in measurement due to the deformation of a workpiece is an example on avoidable error.

Select one:

☐ True

☒ False

systematic

Question 30

Not yet
answered

When the basic size of a hole is equal to 35 mm, the upper deviation is equal to (+0.01), and the lower deviation is equal to (- 0.02 mm), then the maximum metal limit for the hole is -----

Periodic calibration of the measuring device can eliminate or minimize the random error

Select one:

☐ True

☒ False

The sine bar by itself is not a complete measuring instrument. Accessories such as a surface plate, slip gauges, etc are needed to accomplish the measurement process.

Select one:

☒ True

☐ False

☐ False

the fundamental deviation for the hole (A) is equal to the negative value of the fundamental deviation for the shaft (a)

Select one:

☒ True

☐ False

In a shaft and hole system the upper deviation of the hole is always greater than the lower deviation of the shaft.

Select one:

☐ True

☒ False

Question 6

Not yet
answered

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question

When the basic size of a shaft is equal to 35 mm, the upper deviation and the lower deviation for the shaft are $(+ 0.00 \text{ mm})$, $(- 0.02 \text{ mm})$ respectively. The type of tolerance for this shaft is called-----

- ☒ a. Unilateral tolerance
- ☐ b. Bilateral tolerance
- ☐ c. Both A and B are correct
- ☐ d. None of the above is correct

Clear my choice

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question

Question 12

Not yet
answered

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question

Select one:

- ☐ True
☒ False

Accuracy is the degree of repetitiveness of the measuring process.

Select one:

☐ True

☒ False

改善 false

Next page

The vernier height gauge and the vernier depth gauge is used for the same purpose.

Select one:

☒ True

☐ False

The accuracy of the vernier bevel protractor, (shown in the figure), is -----



a. 1 minute

☒ b. 5 minutes

☐ c. 5 seconds

☐ d. 1 second

The systematic error is easier to detect when compared with the random error

Select one:

☒ True

☐ False

Question 7

Not yet answered

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Metric (103) pieces

	Increment
1 piece (1.005) mm	
49 pieces (1.01 to 1.49) mm	0.01
49 pieces (0.5 to 24.5) mm	0.5
4 pieces (25- 100) mm	25

use the set of blocks in the table above

what is the minimum number of blocks to produce an overall dimension of 76.575 mm?
(ignore the using of wear blocks)

☐ a. 3

☒ b. 4

☐ c. 5

☐ d. 6

Clear my choice

$$\begin{array}{r}
 79.1 \\
 - 6.1 \\
 \hline
 73.0 \\
 + 3.575 \\
 \hline
 76.575
 \end{array}$$

② 1.005
① 1.97

☐ d. 6

Clear my choice

Question 8

Not yet
answered

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question

When the basic size of a hole is equal to 35 mm, the upper deviation is equal to (+ 0.10) , and the lower deviation is equal to (+ 0.01 mm). then the minimum metal limit for the hole is-----

☐ a. 34.90 mm

☐ b. 34.99 mm

☒ c. 35.01 mm

☐ d. 35.10 mm

Clear my choice

17/11

$$0.1 = H_L H - 35$$
$$H_L H = 35 + 0.1$$

Question 9

Not yet
answered

For a shaft and a hole system, if the minimum diameter of the shaft is larger than the maximum diameter of the hole, then the type of fit between the shaft and the hole is called

Question 10

Not yet
answered

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1.00

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question

Inspection is defined as a procedure in which a part or product characteristic, such as a dimension, is examined to determine whether it conforms to the design specification.

Select one:

☒ True

☐ False

Question 11

Not yet
answered

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1.00

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question

Periodic calibration of the measuring device can eliminate or minimize the random error.

Select one:

☐ True

☒ False

Question 12

Accuracy is the degree of repetitiveness of the measuring process.

Quiz navigation

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Finish attempt ...

Time left 0:25:17

Type here to search

edu.jo/mod/quiz/attempt.php?attempt=...

☐ e. all of the above are correct

Clear my choice

The difference between the true value of the quantity being measured and the indicated value is called

☒ a. **Datum error**

☐ b. Reading error

☐ c. parallax error

☐ d. zero error

Clear my choice

Question 2

Not yet answered

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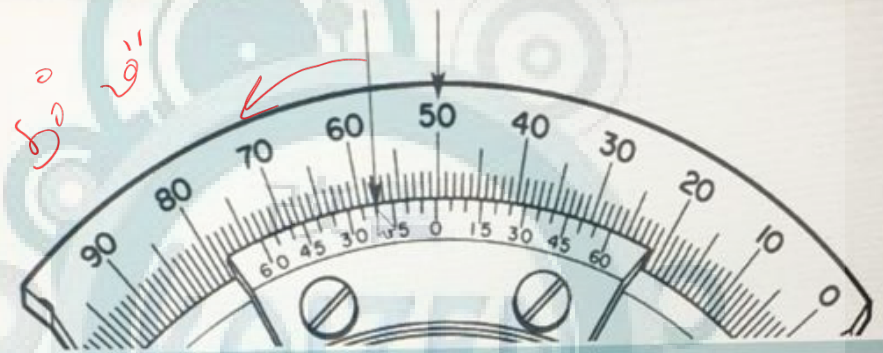
改善

KAIZEN

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9:01 AM
11/25/2020

not yet
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 100
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 question



The reading of the vernier bevel protractor is -----

- ☐ a. 50 degree and 15 minutes
- ☐ b. 49 degree and 20 minutes
- ☒ c. 50 degree and 20 minutes
- ☐ d. 51 degree and 20 minutes

Clear my choice



Question 9

Not yet answered

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 Flag question

For a shaft and a hole system, if the minimum diameter of the shaft is larger than the maximum diameter of the hole, then the type of fit between the shaft and the hole is called

- ☐ a. clearance
- ☒ b. interference
- ☐ c. transition
- ☐ d. both A and B are correct
- ☐ e. all of the above are correct

Question 3

Not yet
answered

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1.00

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question

Which of the following statements is true

- ☒ a. The micrometer conforms to Abbe's principle of alignment, while the vernier caliper doesn't conform.
- ☐ b. The vernier caliper conforms to Abbe's principle of alignment, while the micrometer doesn't conform.
- ☐ c. Both the vernier caliper and the micrometer conform to Abbe's principle
- ☐ d. none of the above is correct

Clear my choice

Question 4

Not yet
answered

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1.00

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question

The inside micrometer is an example on the indirect measuring devices.

Select one:

☐ True

☒ False

false

Question 5

Not yet
answered

Marked out of
1.00

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question

The random error can't be eliminated by repeated measurements

Select one:

☐ True

☒ False

false

Question 6



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My courses

METROLOGY & ENG. MEASUREMENTS

General

Mid exam(0936441)

Question 13

Not yet answered

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In a shaft and hole system the upper deviation of the hole is always greater than the lower deviation of the shaft.

Select one:

☐ True

☒ False

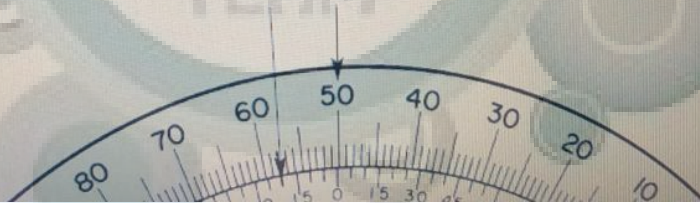
Salon

Question 14

Not yet answered

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When the basic size of a hole is equal to 35 mm, the upper deviation is equal to (+0.01), and the lower deviation is equal to (-0.02 mm). then the maximum metal limit for the hole is -----

HLH

☒ a. 35.01 mm

☐ b. 35.00 mm

☐ c. 34.99 mm

☐ d. 34.98 mm

Clear my choice

$$\begin{aligned} 0.01 &= HLH - 35 \\ 35 + 0.01 &= 35.01 \end{aligned}$$

The error in measurement due to the deformation of a workpiece is an example of an avoidable error.

Select one:

True

False

systematic

The difference between the true value of the quantity being measured and the indicated value is called

For a shaft and a hole system, if the maximum metal limit of the shaft is less than the maximum metal limit of the hole, then the type of fit between the shaft and the hole is called

☒ a. clearance

☐ b. interference

☒ c. transition

☐ d. both A and B are correct

☐ e. all of the above are correct

$$HLS < LLH$$

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METROLOGY & ENG. MEASUREMENTS

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METROLOGY & ENG. MEASUREMENTS

General

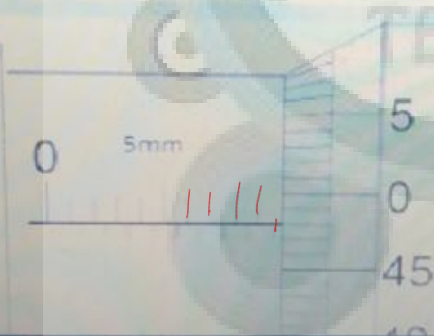
Mid exam(0936441)

The upper deviation of any part, (either shaft or hole), is always greater than its lower deviation.

Select one:

☒ True

☐ False



0.5 + 0.18
0.68

quiz/attempt.php?attempt=1332070

Clear my choice

Question 20

Not yet answered
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The reading of the micrometer is () mm
hint: the smallest division on the main scales 0.5 mm

- a. 9.48 mm
- b. 9.99 mm
- c. 9.02 mm
- d. 9.00 mm

ENG 11/23/2020 9:19 AM

LOGY & ENG.MEASUREMENTS

Courses

METROLOGY & ENG.MEASUREMENTS

General

Mid exam(0936441)

For a shaft and a hole system, if the minimum diameter of the shaft is larger than the maximum diameter of the hole, then the type of fit between the shaft and the hole is called

- ☐ a. clearance
- ☒ b. interference
- ☐ c. transition
- ☐ d. both A and B are correct
- ☐ e. all of the above are correct

[Clear my choice](#)

1
Metric (103) pieces

	Increment
1 piece (1.005) mm	

Select one:

- ☐ True
☐ False

The vernier height gauge and the vernier depth gauge is used for the same purpose.

Select one:

- ☒ True
☐ False

The upper deviation of any part, (either shaft or hole), is always greater than its lower deviation.

Select one:

- ☒ True
☐ False

Finish attempt ...
Time left 0:21:30

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KAIZEN
TEAM

16

The error which occurs when the line of sight is not perpendicular to the instrument scale or the observer reads the instrument from an angle is called _____

- ☐ a. Datum error
- ☒ b. Reading error
- ☐ c. zero error
- ☐ d. parallax error

Clear my choice

on 17

In a shaft and hole system the upper deviation of the hole is always greater than the lower deviation of the shaft.

Select one:

☐ True

☒ False

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Accuracy is the degree of repetitiveness of the measuring process.

Select one:

☐ True

☒ False

Question 12

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question

The tolerance of a shaft is equal to the difference between its upper deviation and its lower deviation.

Select one:

☒ True

☐ False

Next page

Search for anything



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Question 24

Not yet
answered

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question

The accuracy of the vernier bevel protractor, (shown in the figure), is -----



☐ a. 1 minute

☒ b. 5 minutes

☐ c. 5 seconds

☐ d. 1 second

Clear my choice

