

« ( . .) . .»

« » « »

( ) \_\_\_\_\_ . .  
«\_» \_\_\_\_\_ 20\_ .  
«\_» \_\_\_\_\_ 20\_ .

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**15.02.08**  
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15.02.08



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1.1

1.2

1.3

1.4

1.5

2.1.

2.2.

2.3.

3.1

3.2

1.

2.

3.

4.

5.

6.

7.

8.

9.



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1.

( .1.1)

N

( .

1.1): M - , 2M - , 3M - , . . . ,

( , ) .

L ( .1.1)

= —

0,1 ; 0,05 ; 0,02 . . . .1.2,

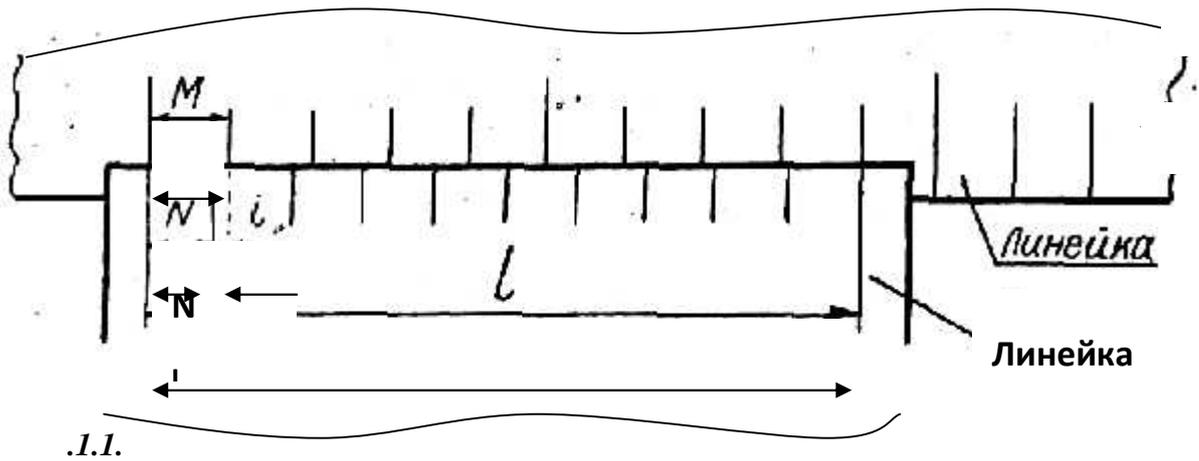
:

$= \frac{1}{10} = 0,1$  (

- 1 ,

- 10). .1.2,

0,05 .



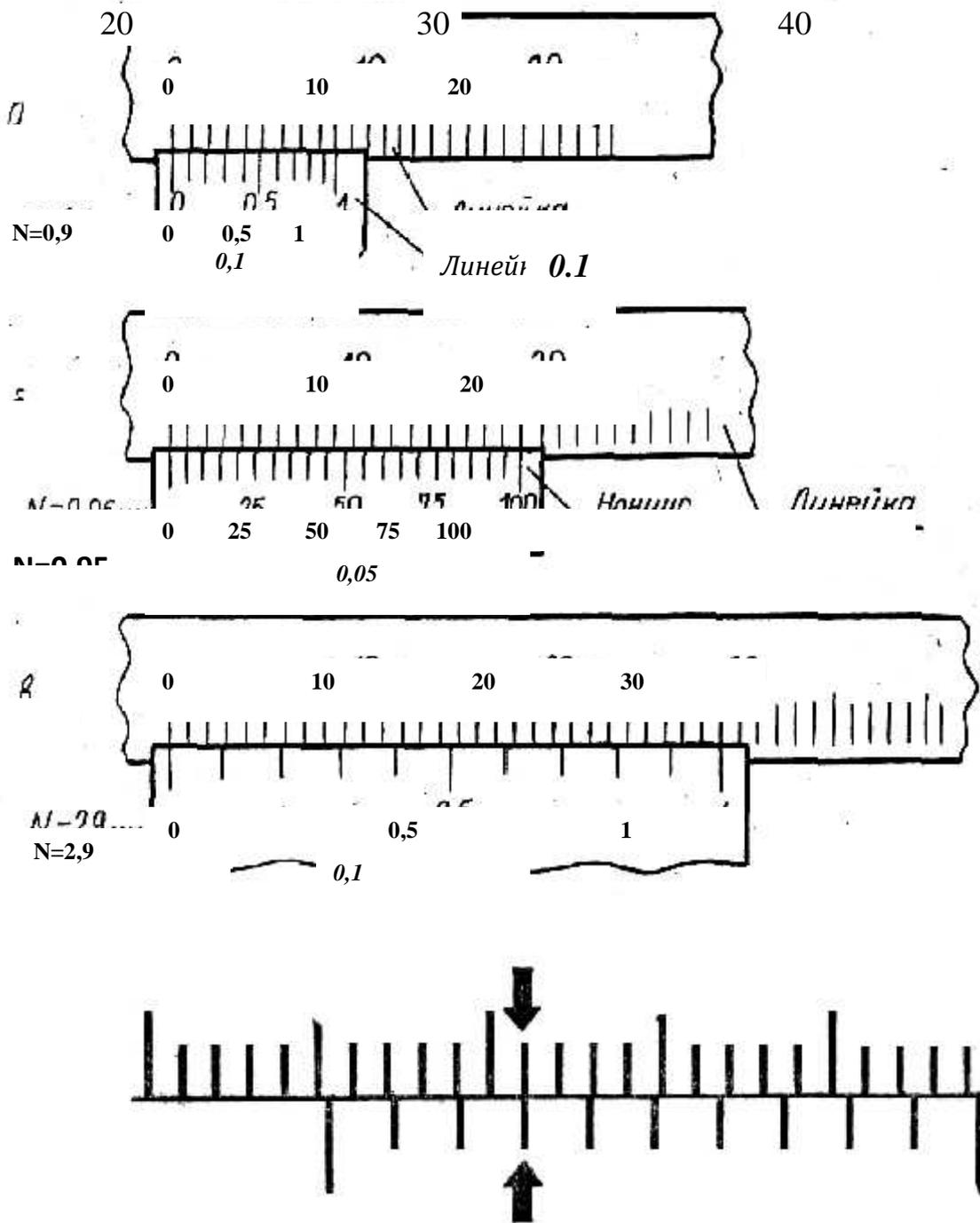


Рис.1.3. Отсчет размеров по нониусу (25,3 мм)

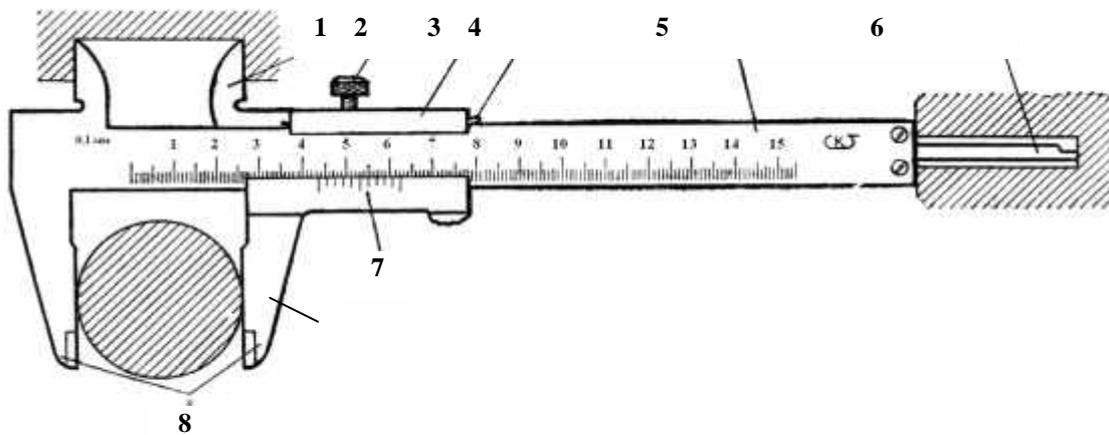
$$=25 + 1 = 26 \quad (1.3)$$

$$25 - \frac{1}{26} = 25,3 \quad n=3$$

0,1 = 25,3 . ! , , = 0,1 , = 25 + 3  
 , , , 50, 10 0,05 = 5 .1.2,

**1.2.**

, ( .1.4) ( .1.5, ).  
 8 ( ) 3 1.



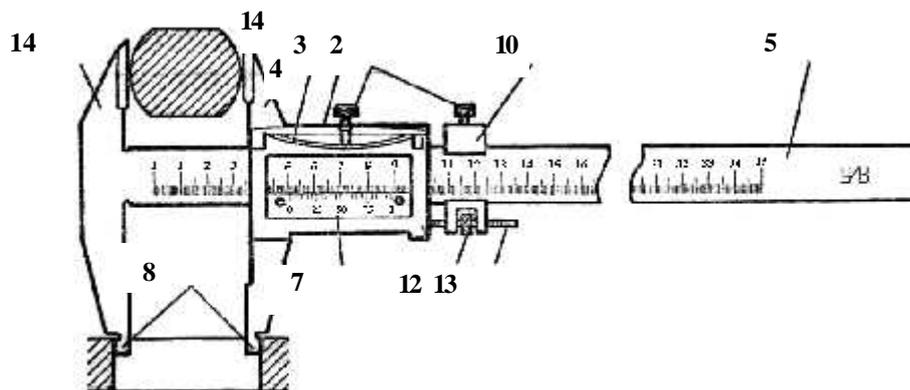
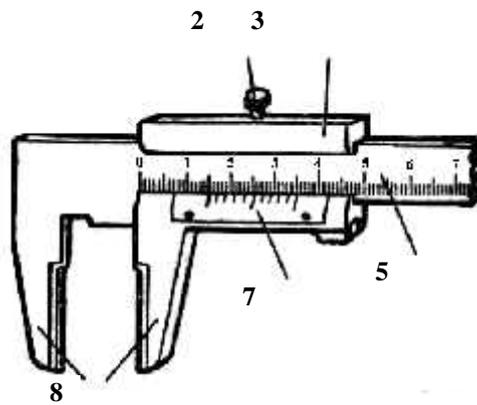
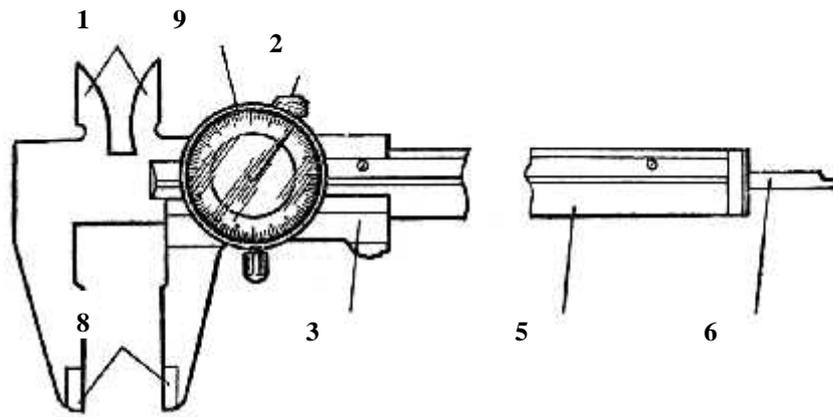
**.1.4. -1**

4, 7. 3 6  
 ( .1.5, , .1.6) 10 3 5.  
 12 13, 13, 10.  
 2 3, 12, 13  
 11 ( .1.5, )

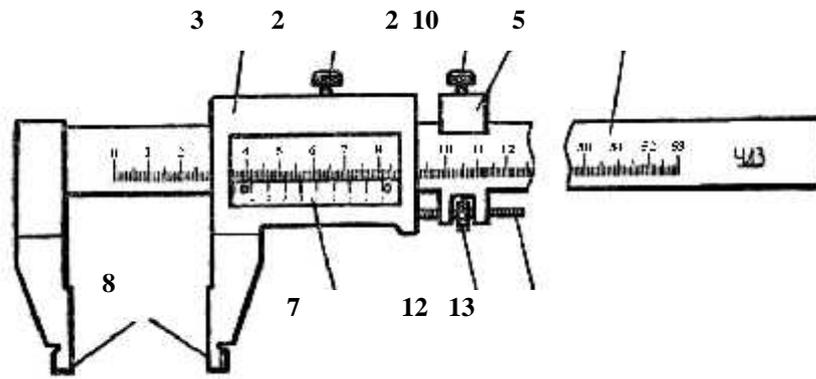
“ ” “ ” “ ”

$$X = A + a,$$

- ;

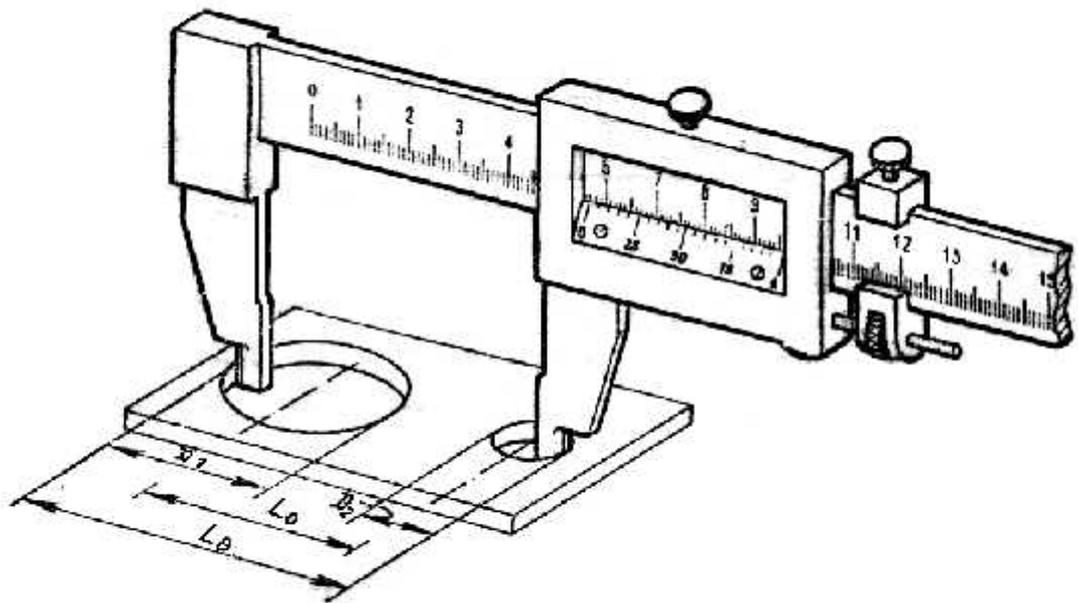


.15.



.1.6.

-111



.1.7.

( .1.5, , ). ( .1.6)

9, -1 ( .1.5, ) , ,

-1 ( .1.5, ) ,

8 14

-1 ( .1.5, ) ,

( .1.7)

$$L_0 = L_a - \frac{D_1 + D_2}{2}$$

100; 125; 150; 200; 300; 400; 500; 600; 800; 1000  
1000 4000

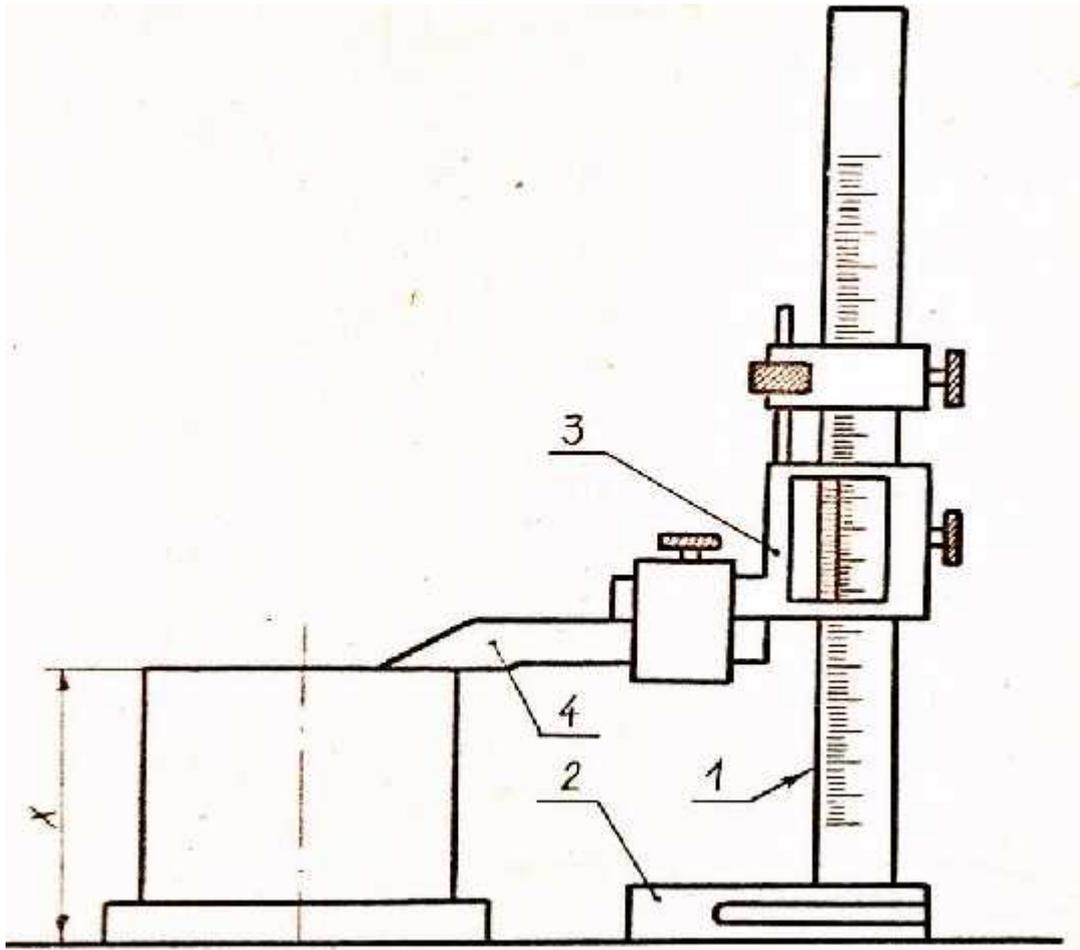
1.2.1.

- 1.
- 2.
- 3.
- 4.
- 5.

1.3.

( .1.8) 6,  
1 , 4  
5,  
2, -11 ( . .1.5, )<sup>3</sup>  
4  
( .3.2). 200, 300, 500,  
800 1000 . .2.1.

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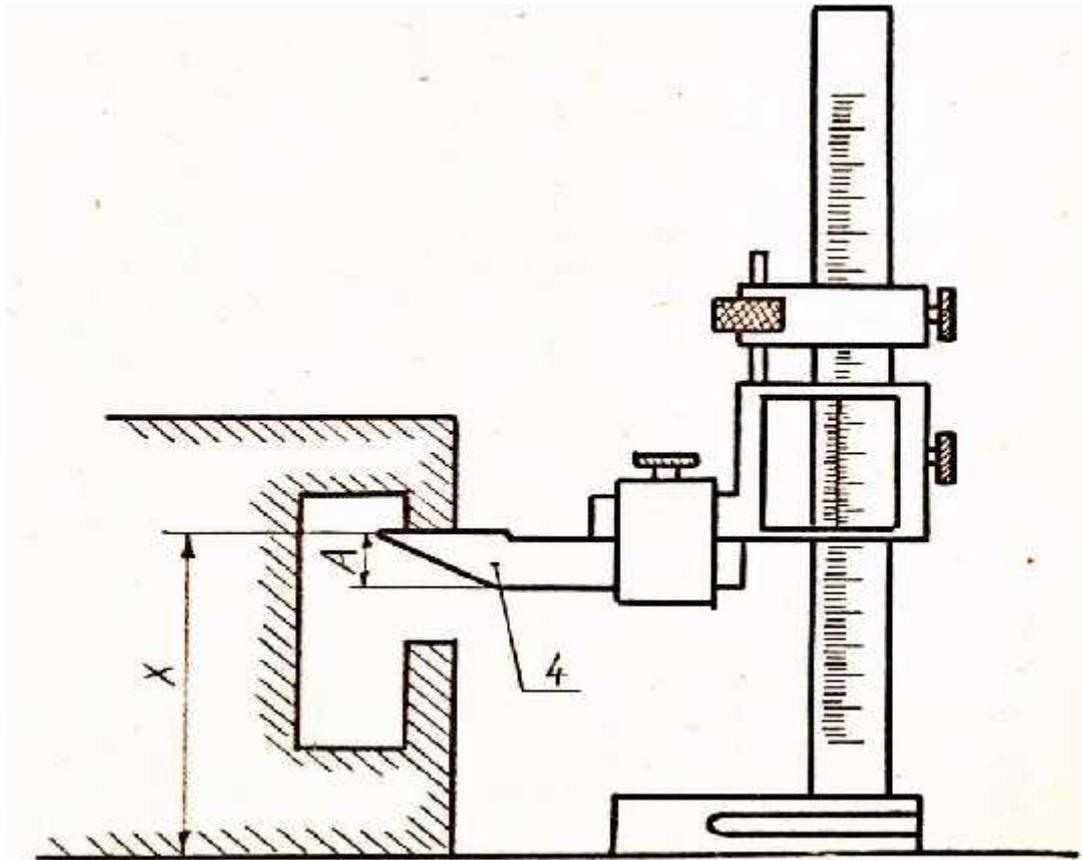


( -1 ).

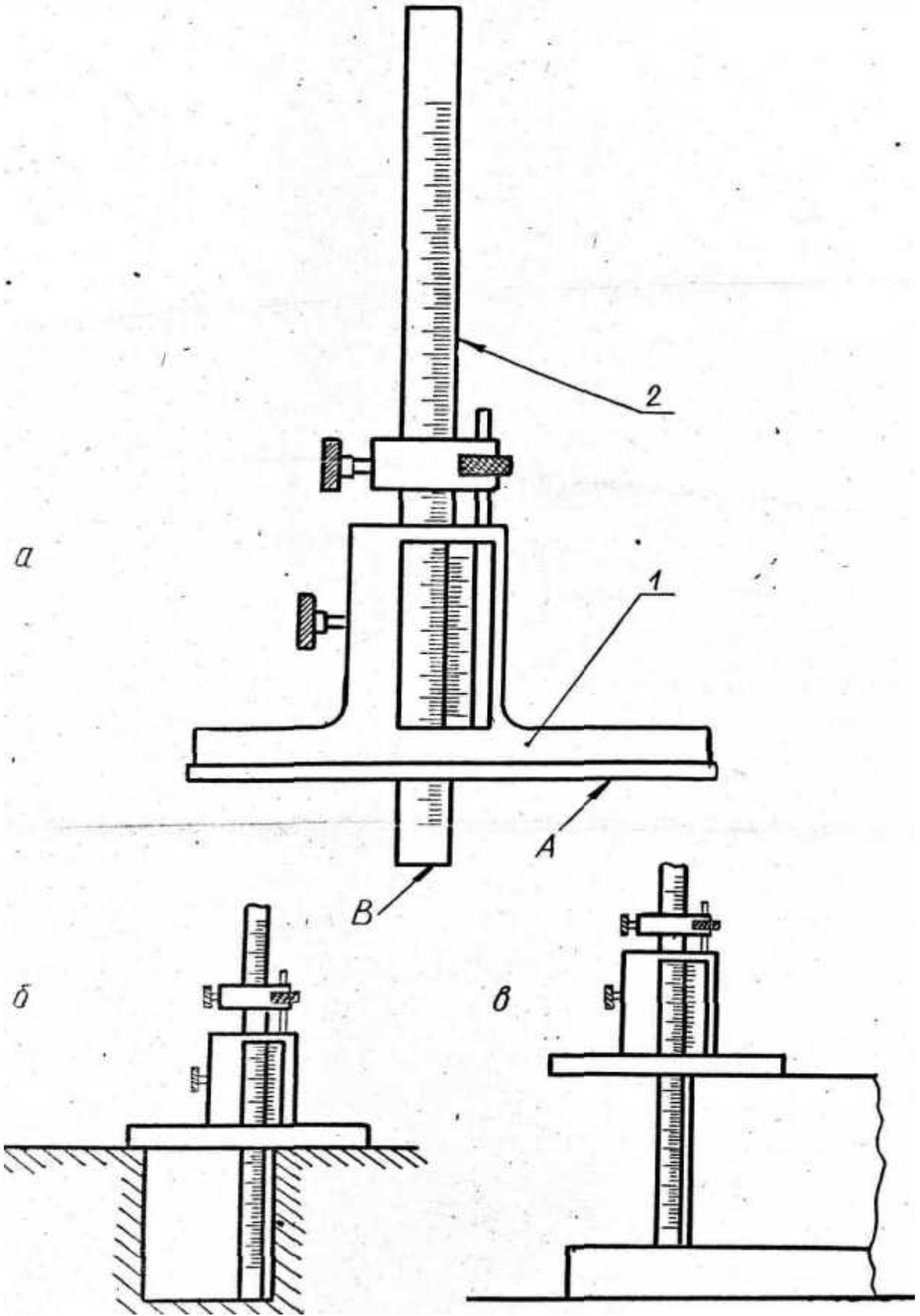
( .4.1)

1.

.3.1.



.3.2.



.4.1.

« » ( .4.1, ).

2.

« ».

100 500 .

. .2.1.

1.

( 1 )

( .5.1)  
( , ).

».

.5.2  $S_x$  - ,  $\Delta S_x$  - ,  $\Delta S_x$  - ,  $u S_x$  -

$S_x$   $h_x$

$S_x$   $h_x$

$S_x$   $h_x$

20 :

$S_x=1,387m$

$h_x=0,7476m$ , m -

( .5.1)

4 12. 12,

10. 13

8

0,02

4 ( ,)

14

4

1.

14

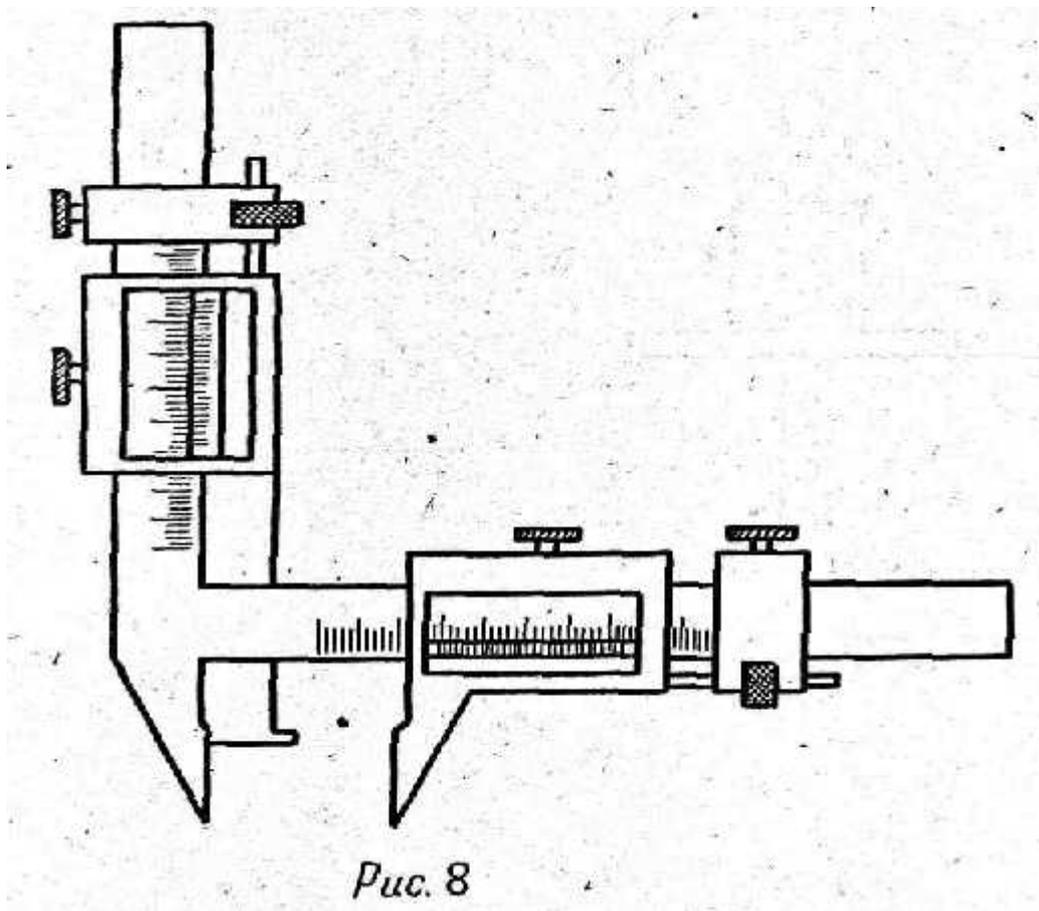
2

0,02

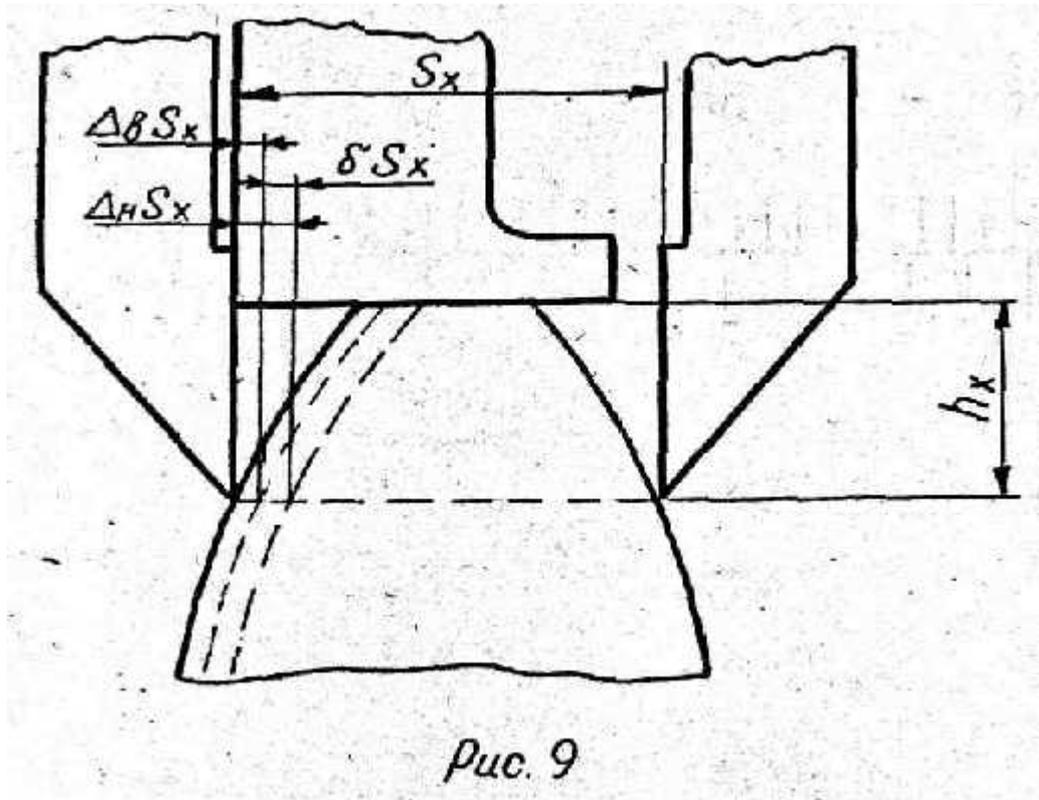
3.

13 14

9 7



.5.1.



.5.2.

$S_x$  3 10  
 $h_x$  3 10  
 12 2 4 8 1 12

5.2.

5.2.1.

5.2.2.

5.2.3.

4 12.

5.2.4.

5.2.5.

6.

6.1.

6.2.

6.3.

6.4.

6.5.

6.6.

6.7.

6.8.

6.9.

6.10.

6.11.

( )

6.12.

6.13.

6.14.

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0,01

1 – ;

2 – ;

3 – ;

4 – ;

5 – 1 ;

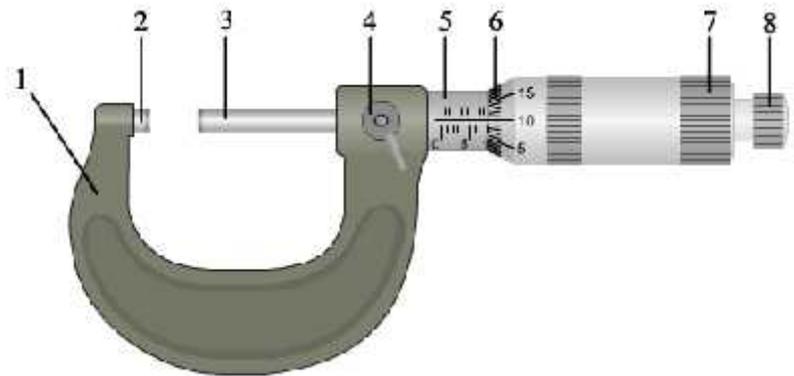
6 – ,

6 –

0,01 ;

7 – ;

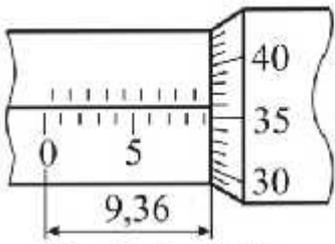
8 –



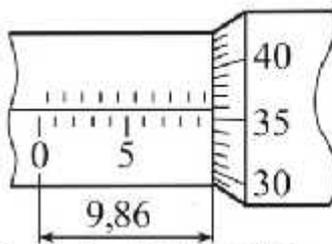
0,5

50

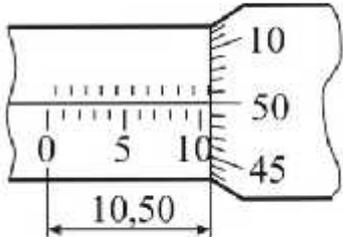
«0».



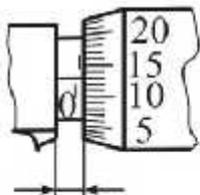
$$9 + 0,36 = 9,36 \text{ mm}$$



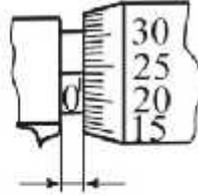
$$9 + 0,5 + 0,36 = 9,86 \text{ mm}$$



$$10 + 0,50 = 10,50 \text{ mm}$$



$$0,5 + 0,13 = 0,63 \text{ mm}$$



$$0,24 \text{ mm}$$

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- ( 2);  
 - « »  
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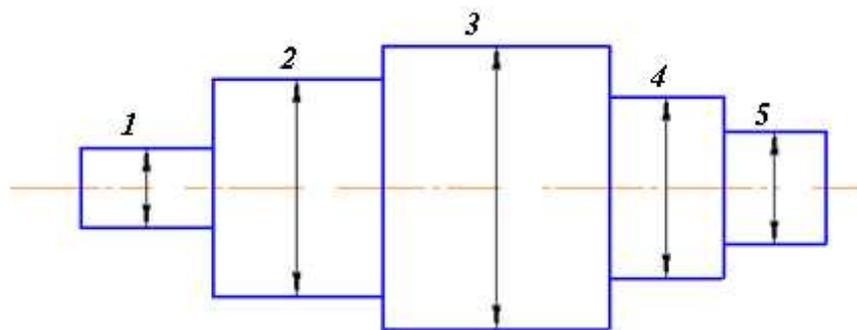
3



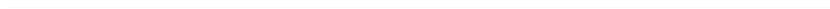
4



5



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- 2.
- 3.

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- ?
- ?

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1. \_\_\_\_\_ :

2. \_\_\_\_\_ :

3. \_\_\_\_\_ :

4. \_\_\_\_\_ :

5. \_\_\_\_\_ :

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