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- 2.1.
- 2.3.
- 01.
- 02.
- 03.
- 04.

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11.

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15.02.14

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1.3

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3.1

3.2

3.3

1.

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4.1

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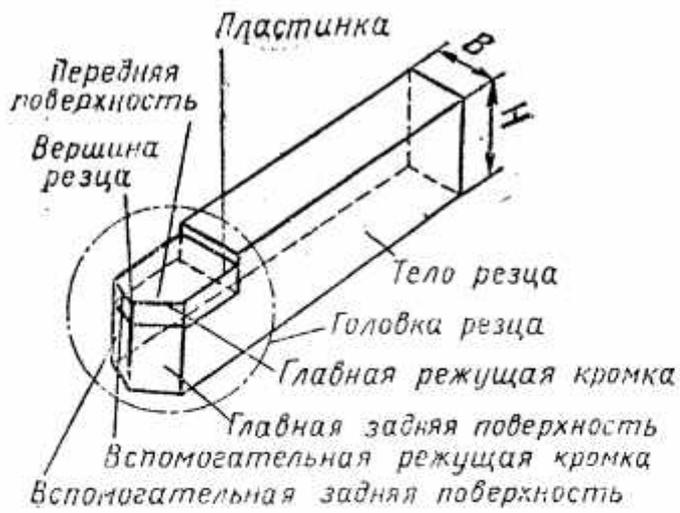
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.(4).

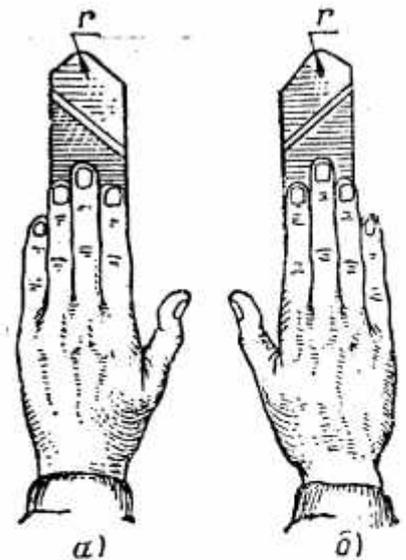
(3).

(3).



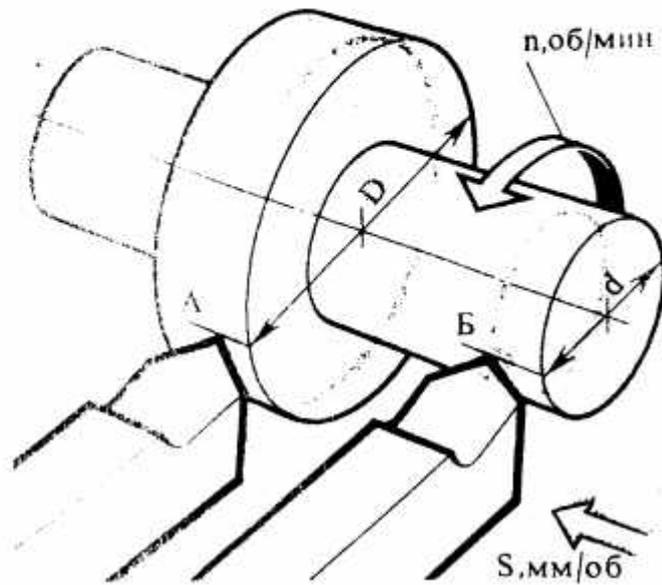
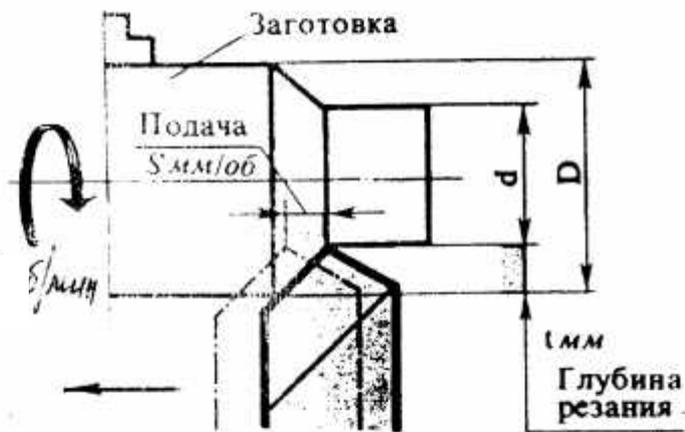


Элементы резца



Левый (а) и правый (б) резцы

n /



$$V = \frac{D \cdot n}{1000} \quad (1)$$

D –
n –

(S /)

I

(t) -

$$t = \frac{D-d}{2} \quad (2)$$

D –
d –

4.2

(2),

4.3

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(D):

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)

)

) ;

)

4.4

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$$\begin{aligned}
 + + &= 90^\circ \\
 + &= 90^\circ \\
 + &=
 \end{aligned}$$

(3)

$$= 6 - 15^\circ.$$

> 0

< 0

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1

1.1

1.2

1.3

2

3

3.1

3.2

3.3

3.4

4

Ra =12,5 - 3,2

()

10 - 12

()

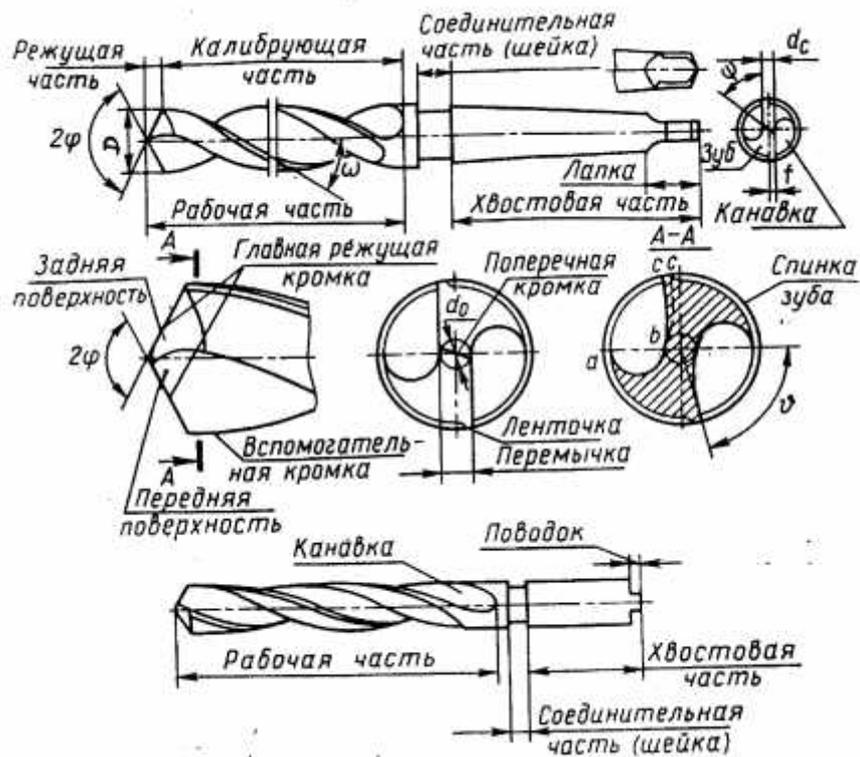
(1).

2

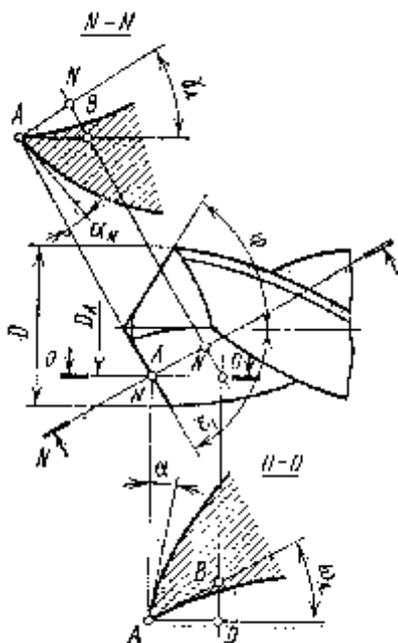
(,),

(- 2)

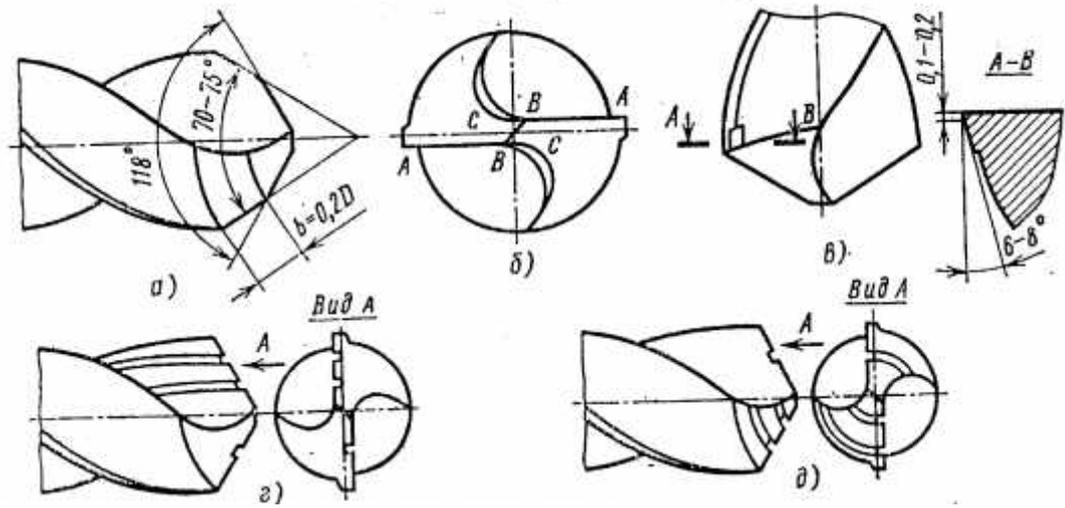




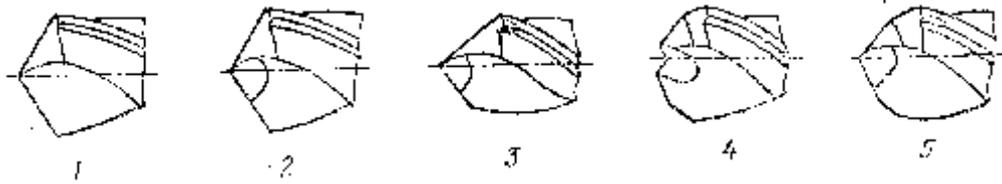
1 -



2 -



3 -



4 -

1 - () ; 2 - () ; 3 - () ; 4 - () ; 5 - ()

0 , , = 116° - 120° .

5

1.

2.

3.

1.

(4).

(3),

∴ = 18° - 30°; = 55°; ' = 2° - 3°; 2

						2		
1.								
2.								
3.								

5.4
5.5
5.6
5.7

6

7
7.1
7.2
7.3
7.4
7.5
7.6

7.3, 7.4.

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? ?
? ?
? ?

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1

1.4

1.5

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3

3.4

3.5

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3.4

4

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-9

R 0,8...1,6

6

0,05

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(z = 6 ÷ 8),

(0,25 ÷

0

=

1.



()

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5.4

5.5

5.6

5.7

6

6.1

6.2

6.3

6.4

?

?

?

?

- 1
- 1.1
- 1.2
- 1.3

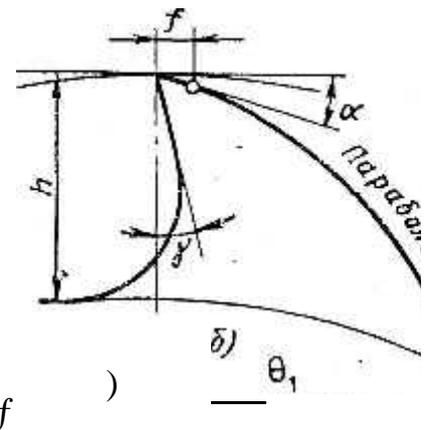
- 3.1
- 3.2
- 3.3

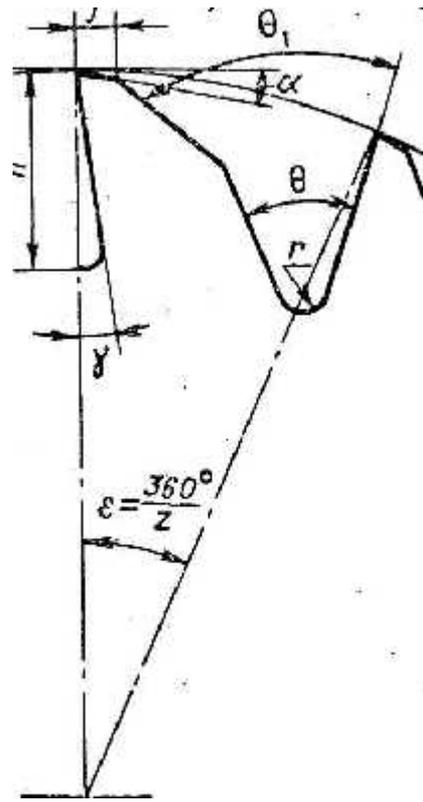
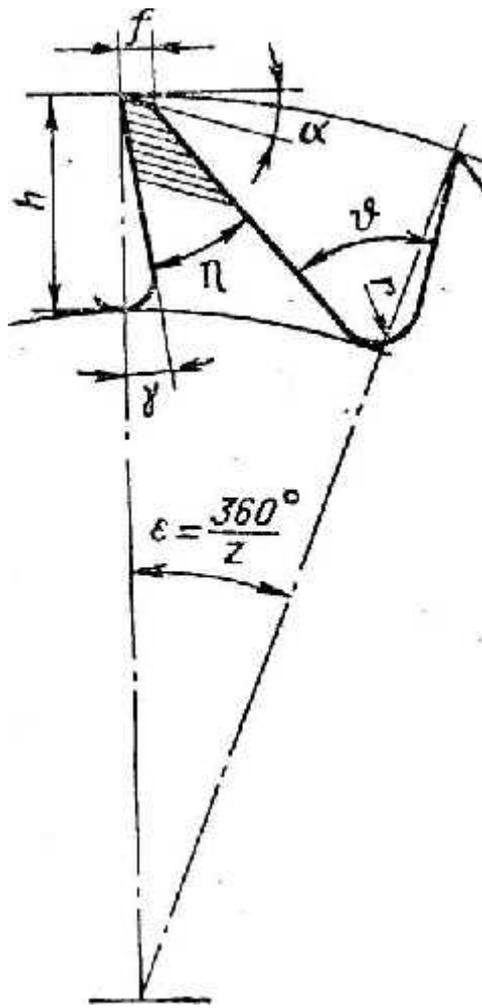
4

1 2.

2

(1).





)
1-
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)

4.1

4.1.1

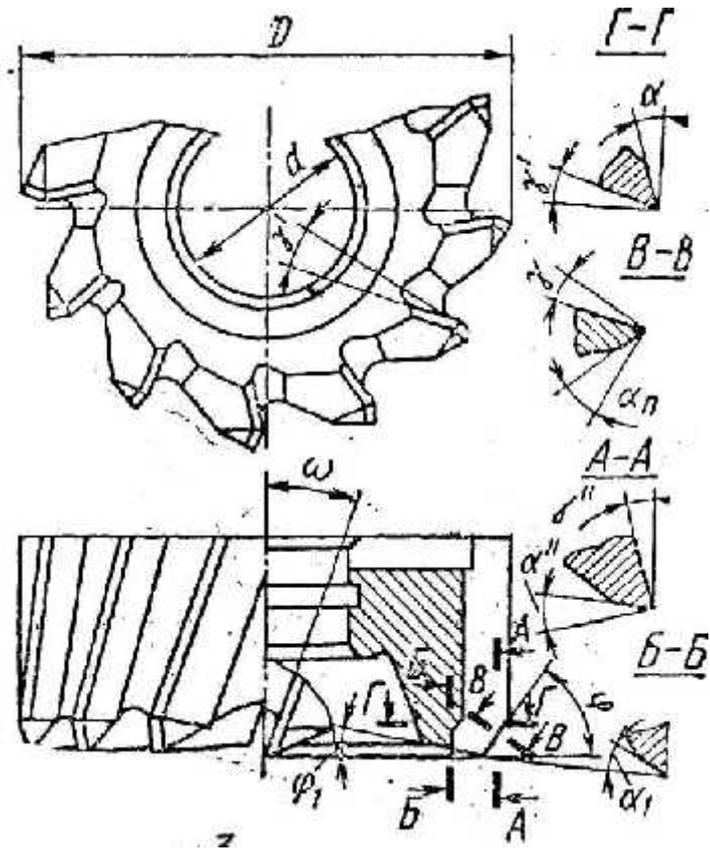
(2)

tg = tg' · cos
tg = tg_n · cos

= 5° ÷ 25°,

= 12° ÷ 20°,
= -15° ÷ 15°, = 8° ÷ 20°, = 20° ÷ 45°.

-



3

- 5
- 5.1
- 5.2
- 5.3

1

1

				Z		
1.						
2.						
3.						

5.4

()

n

2.

2.

2

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			Z	,			n	

5.6
5.7
5.8
5.9

6

7

7.1
7.2
7.3
7.4
7.5
7.6
7.7

1. :
2013. – 384 . / -4- ,, . – :: « »,
2. : . / . . , . . ,
. . . – : , 2012. – 400 .
3. . . „ . . . « » :
, 2011

1,

(.5)
2.

6,

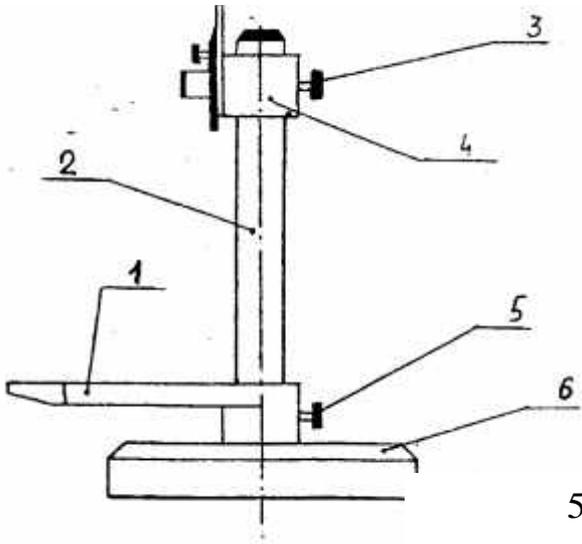
1

4.

5 3.

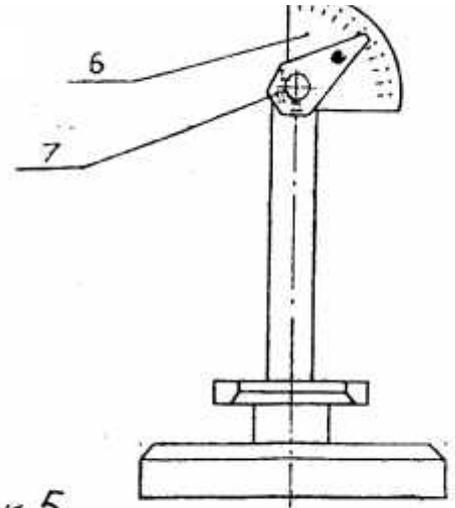
8

7.



5

8



κ 5

1.

6,

2.



3.

4.

5.

6.

1. (6)
1.1 ,

1.2 3,

1.3 3 0, - 0 -

2. (7).

2.1 , 1.1.

2.2 , 2-3

2.3 3

3. (8, 9)

3.1

3.2 , 45 ±

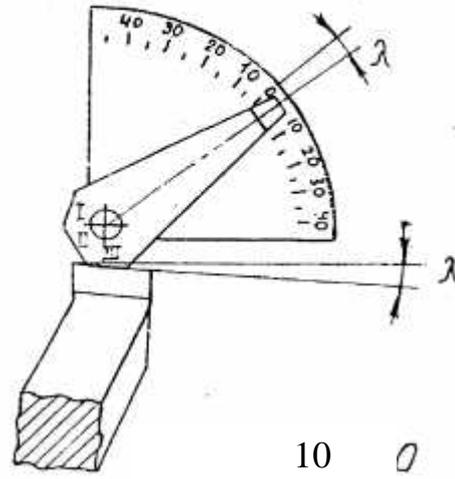
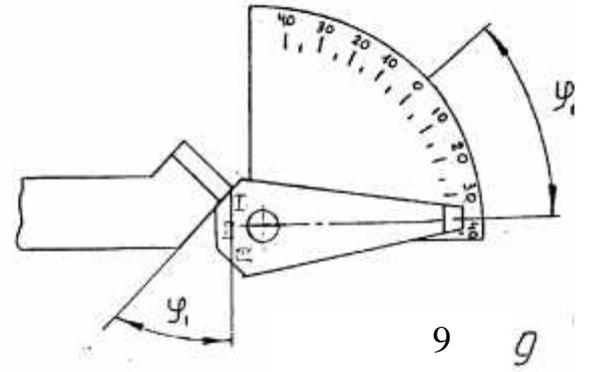
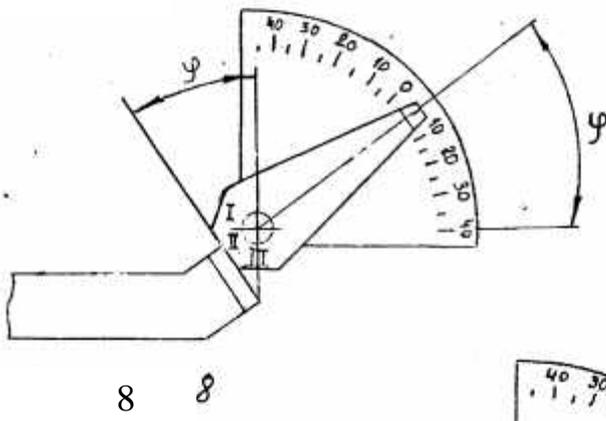
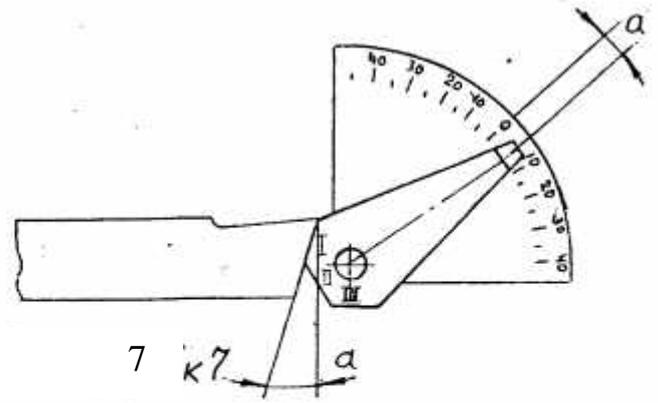
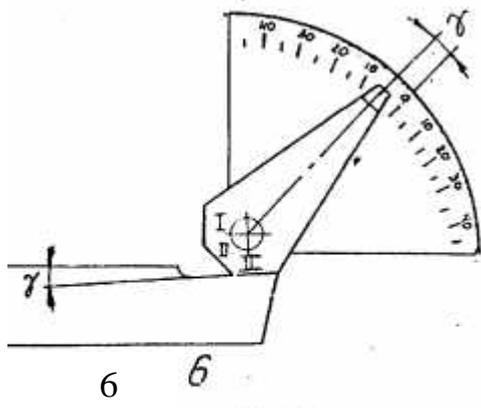
3.3 0, 0, 3 45 45
45

4. (10).

4.1 - ,

4.2 3

4.3 3

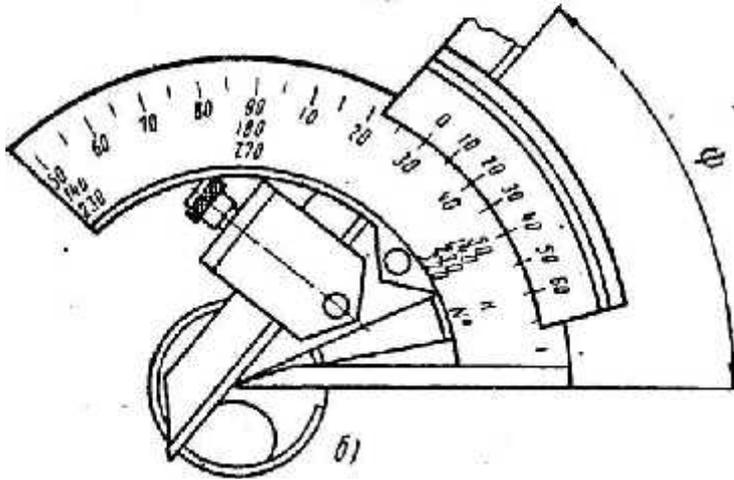
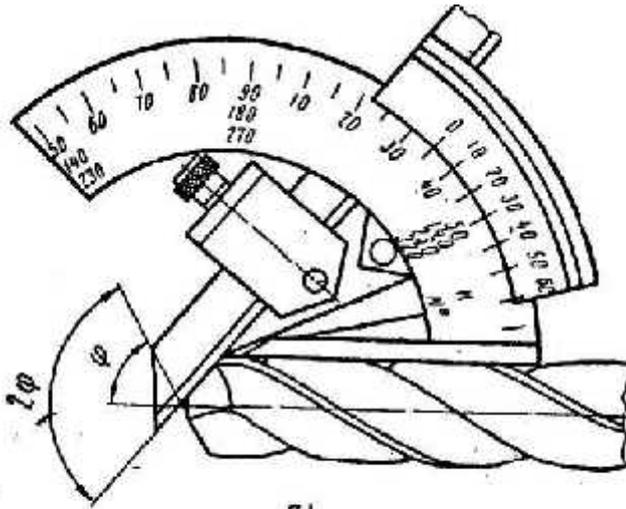


()

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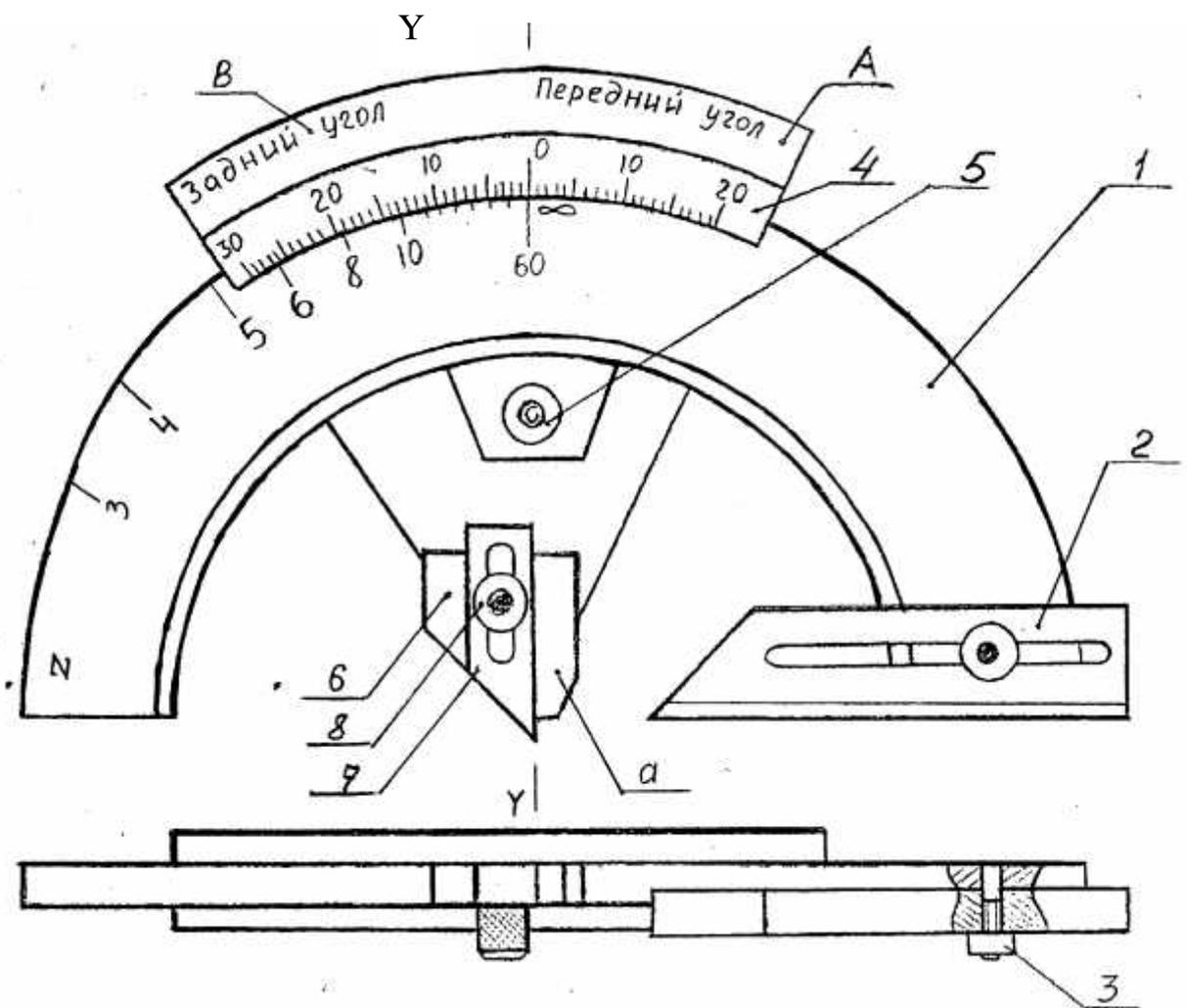
2

(5)



5-

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4

2

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180/z

4

1

1

5.

2.

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4

0 25°

-

6

0 35°

"",

7,

8,

0

4

1

2

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7

()

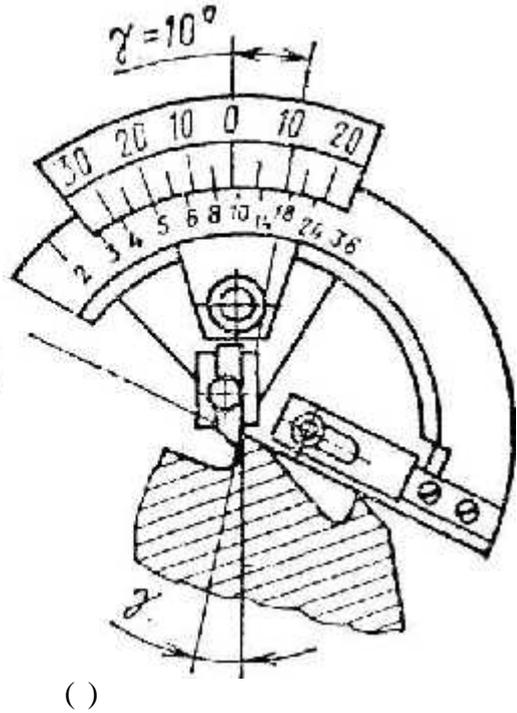
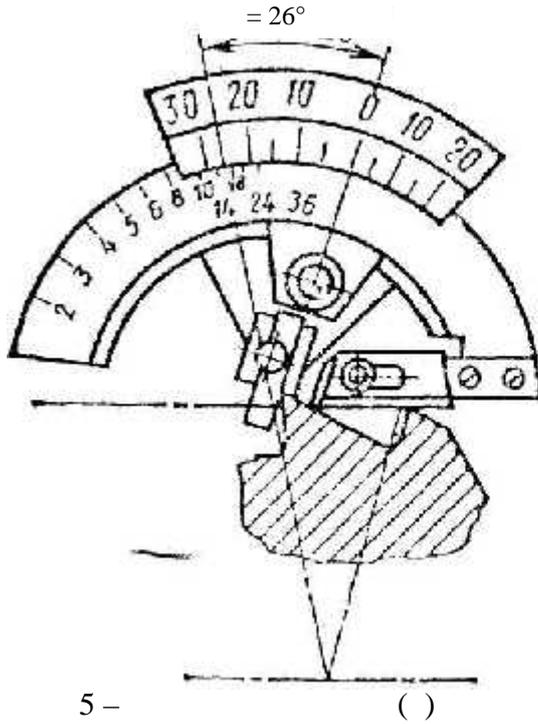
3. 7

2

8.

2-

(5)



z.

$$\text{tg}\check{S} = \frac{a}{b}$$

-