

30744—2001

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2002

30744—2001

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20 2001 . 98

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ISBN 5-88111-193-1

© , 2001

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IV

1	1
2	1
3	2
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7	14
8	17
	27
	29

III

(CEN)

EN 196 [1], [2], [3],

6139,

EN 196-1.

6139

» (. ,).

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» (. ,).

«

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EN 196-1.

310.1—

310.4 [4—7],

(10178 [8], 22266 [9], 965 [10], 11052 [],
25328 [12], 969 [13], 15825 [14]).

30744 2001

11	8.2.4	-	-
			(2400+200) 11/ . (7 2003 .)

CEMENTS

**Methods of testing with using
polyfraction standard sand**

2002—03—01

1

, ()
EN 197-1,
()
EN 197-1.

2

166—89
1770—74

, ,
6139—91
6613—86

30744-2001

6709—72
24104—88

25706—83

30515—97

3

— 30515.

4

4.1 30515.
4.2 ,
4.3 50 %.
4.4

09 6613.

(, , , .)

4.5

(—)

6139.

6139
SiO₂

96 %.

4.6

4.7

, 6709

4.8

4.9

 $(20 \pm 2)^\circ$

50 %

65 % —

65 % —

4.10

 $(20 \pm 1)^\circ$

()

—

90 %.

4.11

)

4

(1.)

!

	(\pm)
—	0,01
—	1
—	2
—	5
	1 (1)

4.12

4.13

5

5.1

5 .1

009 6613.
008.
150—200 40—100
10 ,

24104 0,01 .
1770.

25706.

5.1.2

5.1.2.1 , 4.4,
,
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,
2
2 ,

5.1.2.2

) (,
5.1.2.3 10 ,
5.1.2.1 ,
,
0,01

1

Λ

5.1.2.4

, 5 .2.3.

5.1.2.5

1 %
1 %,

0,1 %.

5.2

5.2.1

1).

24104

0,01

5.2.2

5.2.2.1

5.2.2.2.

5.2.2.2

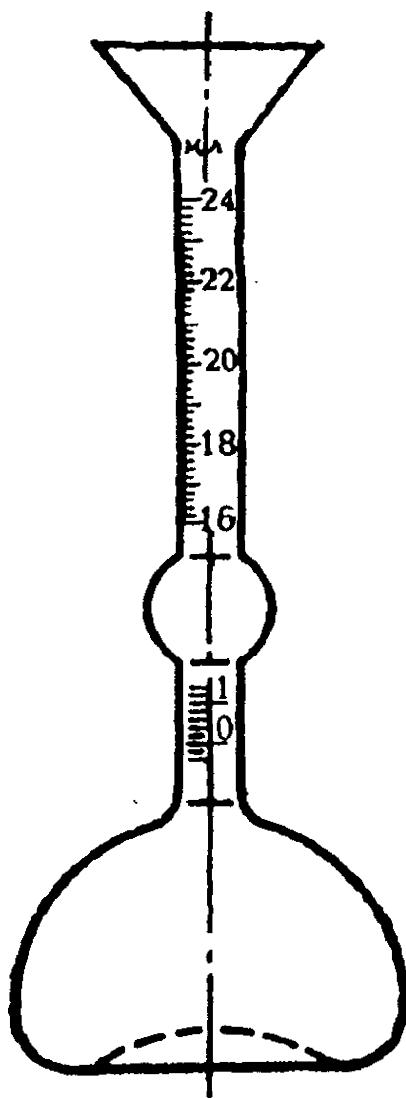
(

)

65

5.1.2.1,

Λ



1 —

10

10 ,

, / 3,

= ~jr>

(1)

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V —

0,02 / 3.
0,01 / 3.

5.2.2.3

5.2.2.2,

5.1.2.1.

5.2.2.4

1 %

1 2/ (2/).

6

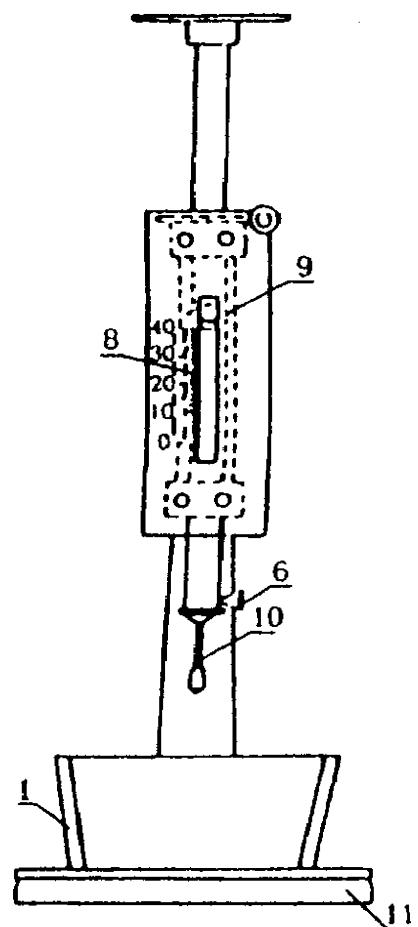
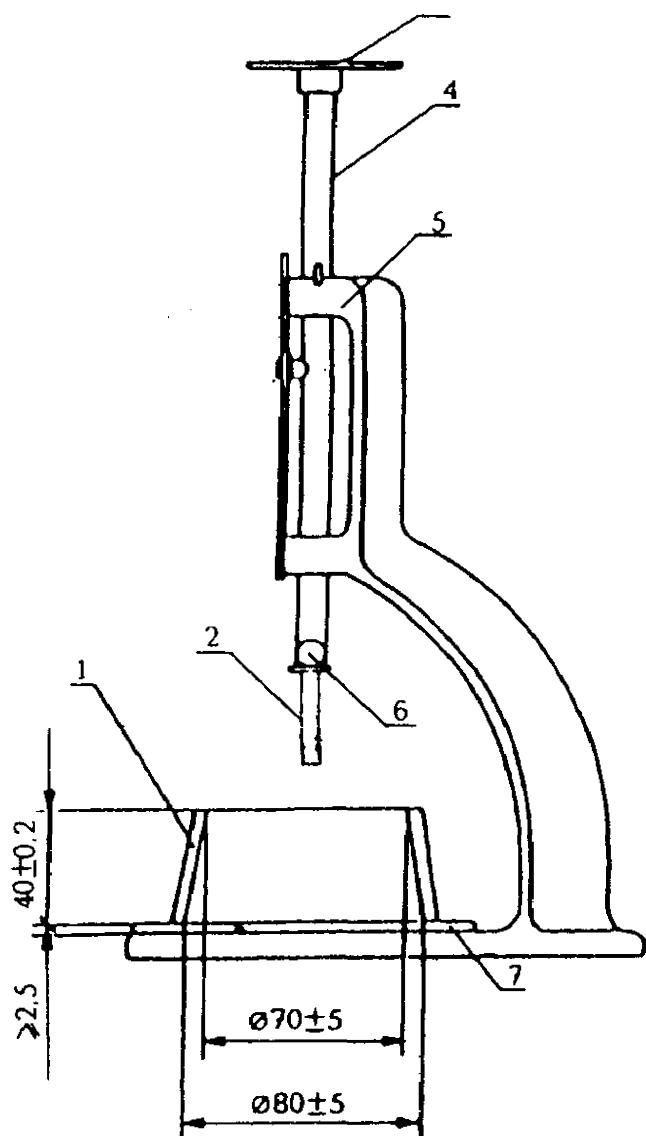
6.1

), (2).

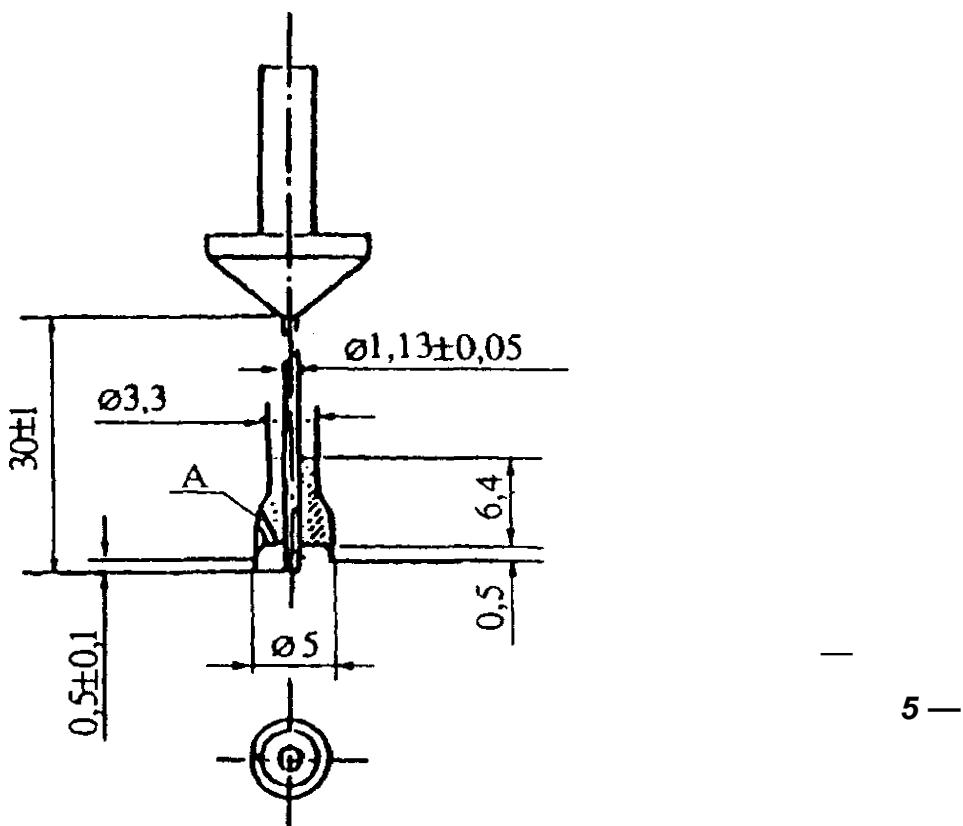
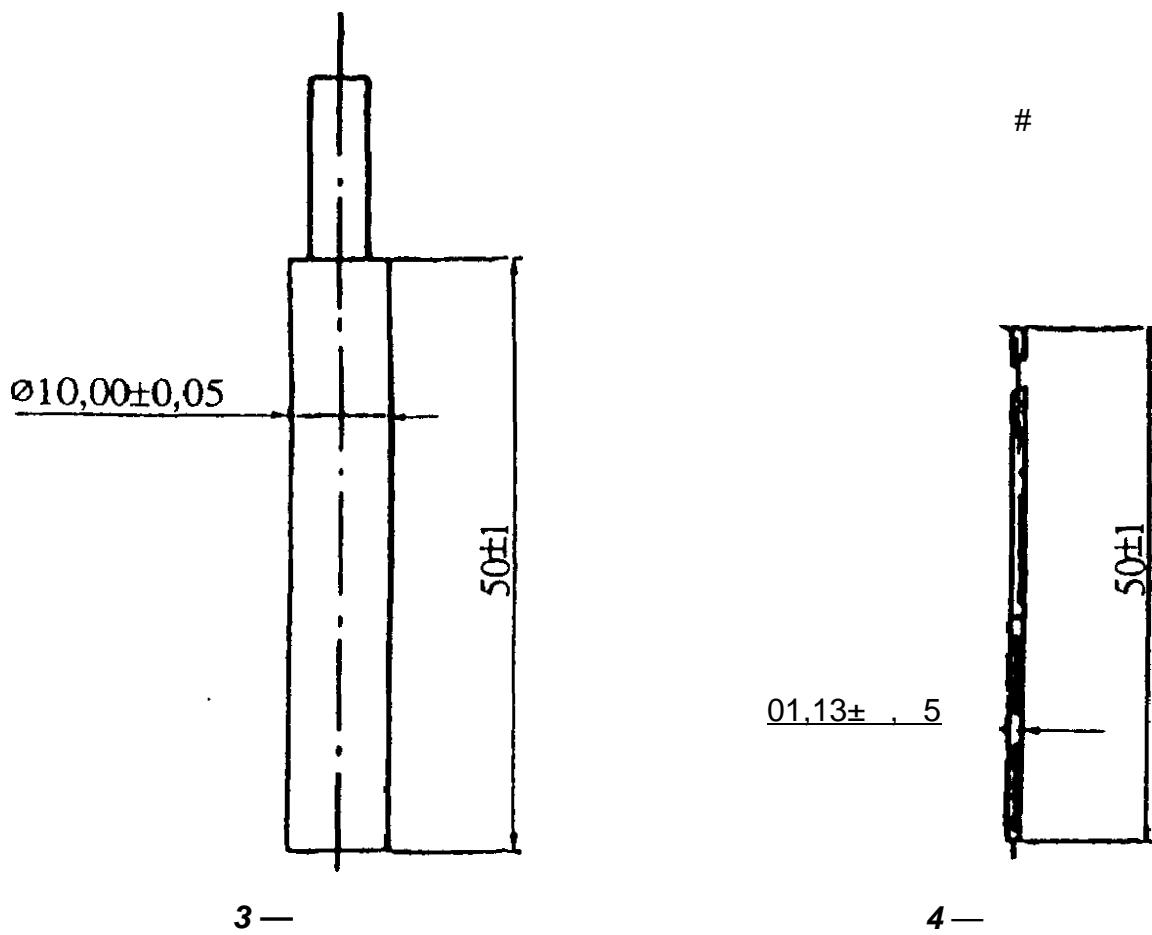
1

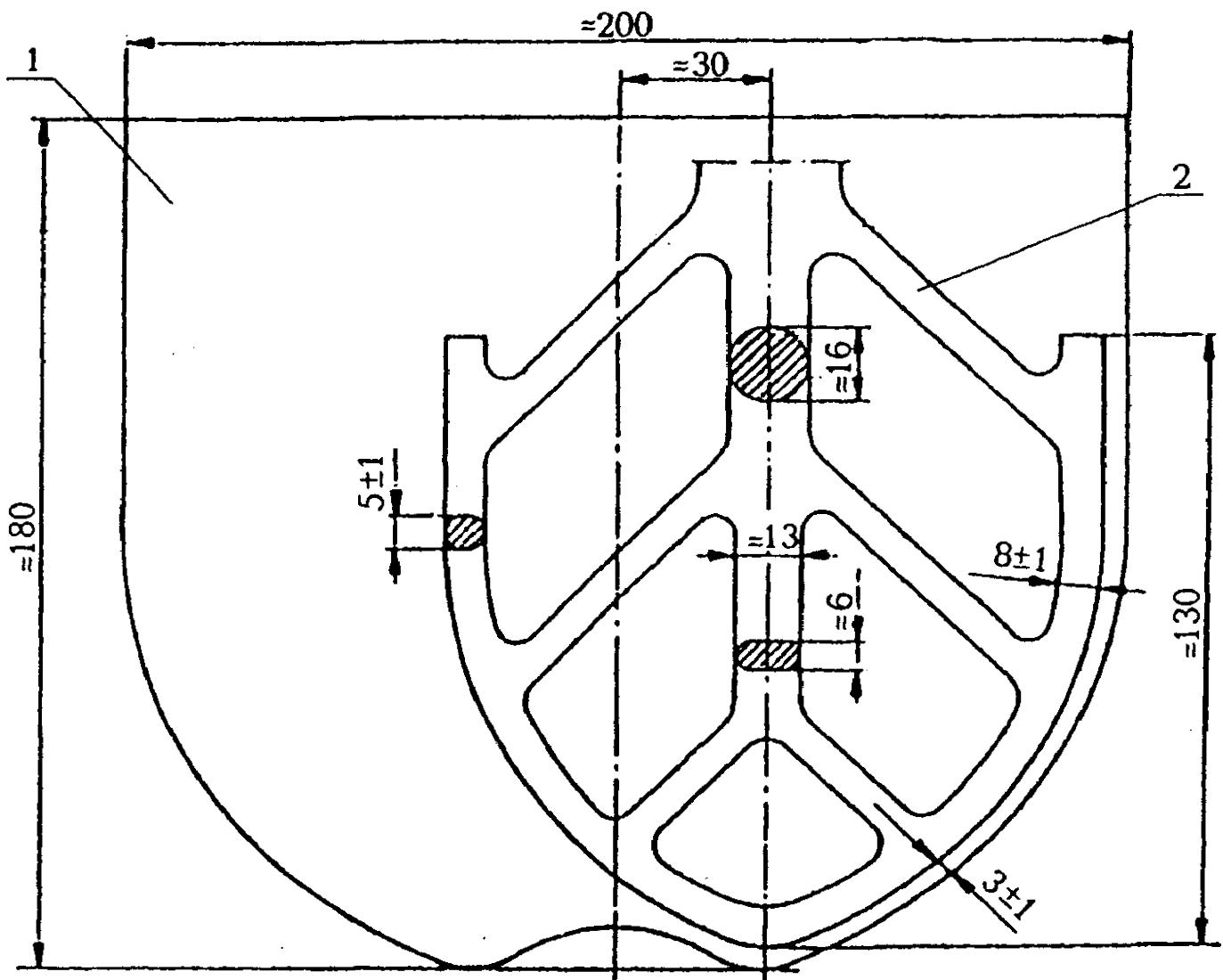
3.

4 5.
(300±1)



1— ; 2— ; 3— ; 4— ; 5— ; 6— ; 7— ; 8— ;
9— ; 10— ; 11—
2—





1 — чаша; 2 — лопасть

Рисунок 6

2.

2,5
(40±0,2)

(6).

5

(3,0±1,0)

2.

2

	140±5 285±10	62±5 125±10

24104

1

1770

1

6.2**6.2.1**

)

(

6.2.1.1**6.2.1.2****4.4.****6.2.1.3**

(

)

5—10

500

15 ,

90

90

3

6.2.1.4

1—2

6.2.1.3

4

30

6.2.1.5

(6±1)

6.2.1.6

6.2.1.5,

6.2.1.7

0,25 %.

6*2.2

6.2.2.1

6.2.1.1

6.2.2.2

6.2.1.3.

6.2.2.3

6.2.1.4.

1—2

30

10

10

()

65 %,

6.2.2.4

(4±1)

5

6.2.3

6.2.3.1

13

6.23.2

,
6.2.2,

,
,

6.2.2.3

30

6.23.3

,
0,5

15

7

7.1

6.1.

(, 7).

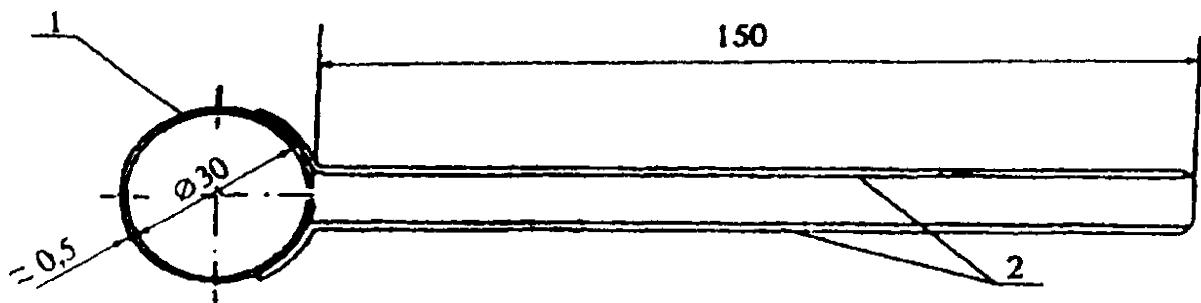
7.

,
300

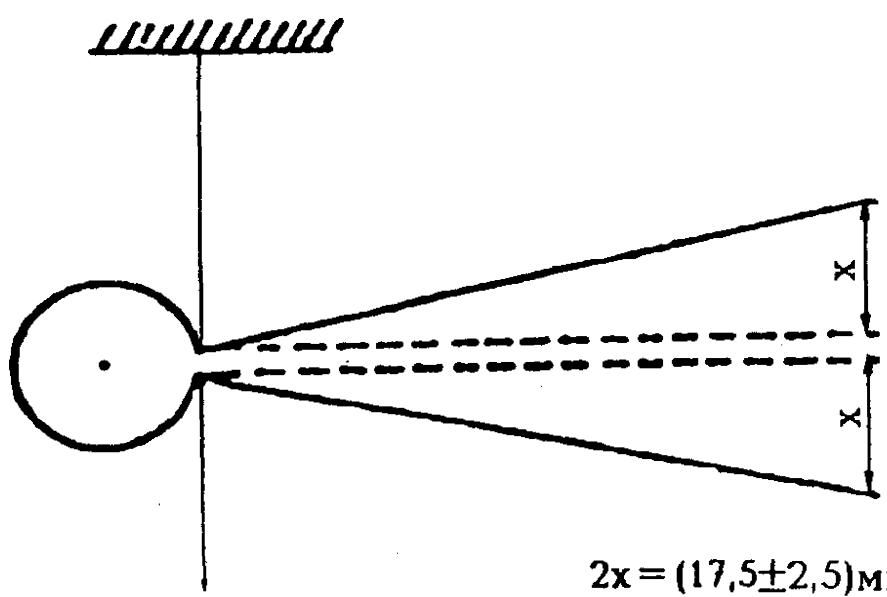
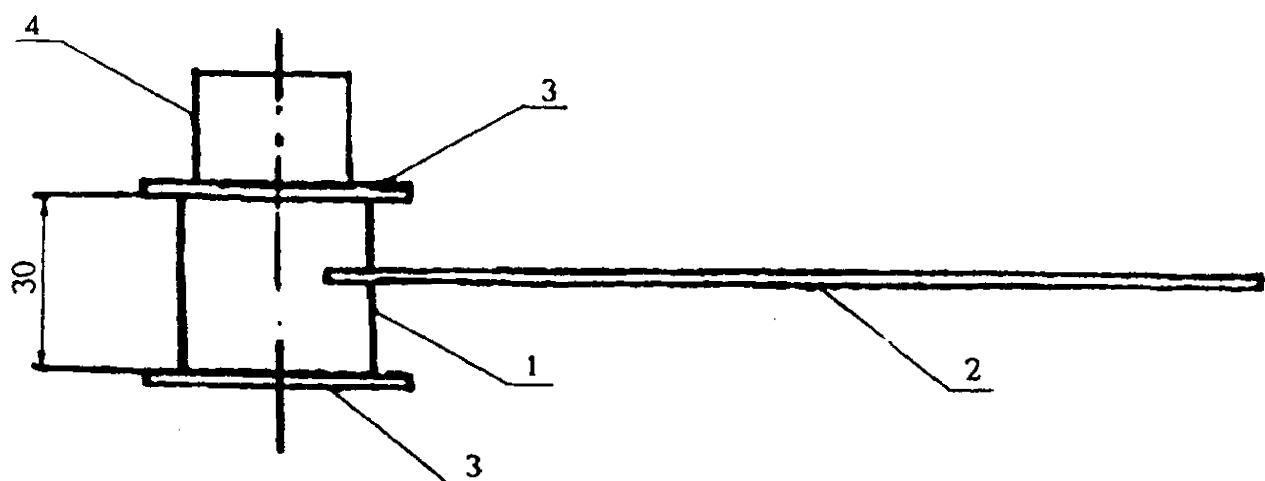
,
7,
(17,5±2,5)

#

,



6



$$2x = (17,5 \pm 2,5) \text{ MM}$$

300 r

— (); —
 / — ; 2 — ; 3 — ; 4 — *

7

75 .

()

166.

4 0.

7.2

7.2.1

7.2.2

6.2.1.

7.2.3

7.2.2,

(20±1) °

(24±0,5)
(24±0,5)

7.2.4

7.2.3

),

0,5 (

(180±5)
(30±5)

4—6

().

7.3

7.3.1

7.3.2

7.3.1.

0,5

8

8.1

6.1,

40x40x160

(8).

20—40

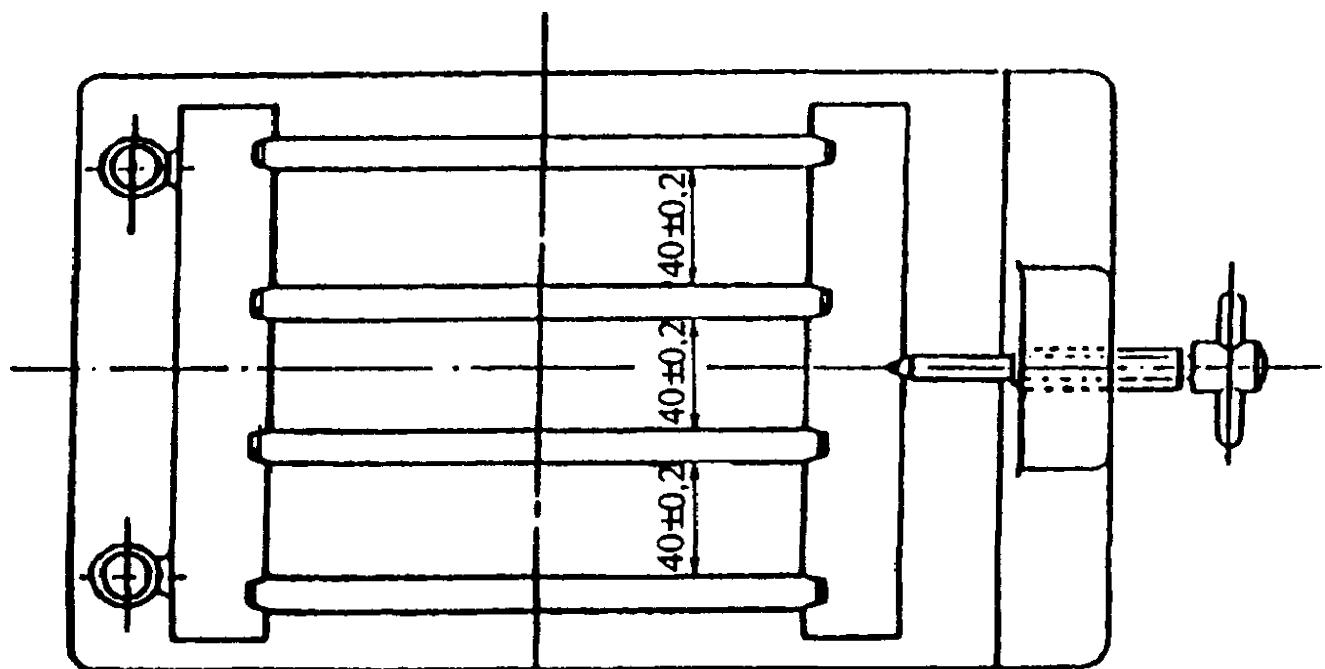
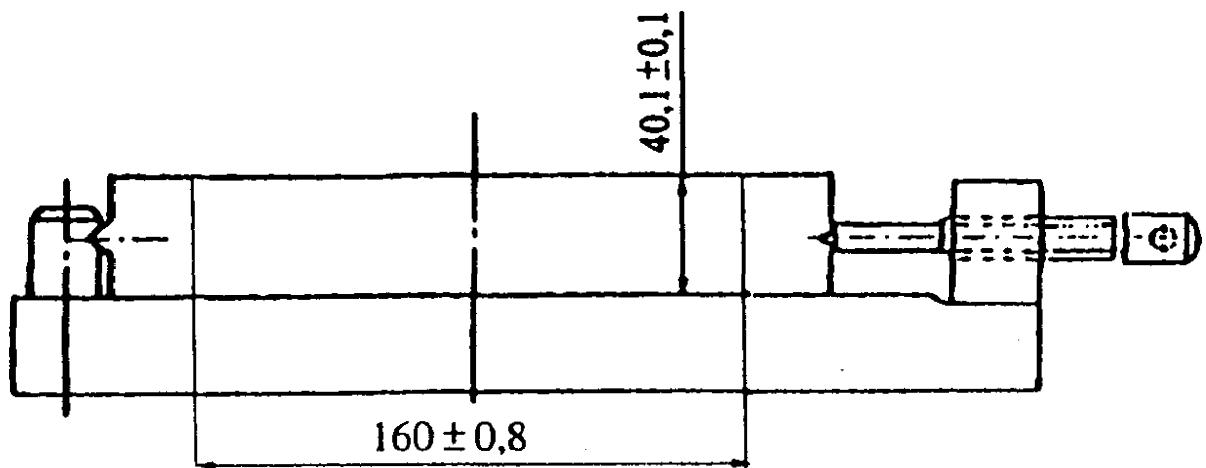
1

210x185

6

(9).

(15±0,3)



8 —

60

$(20 \pm 0,5)$

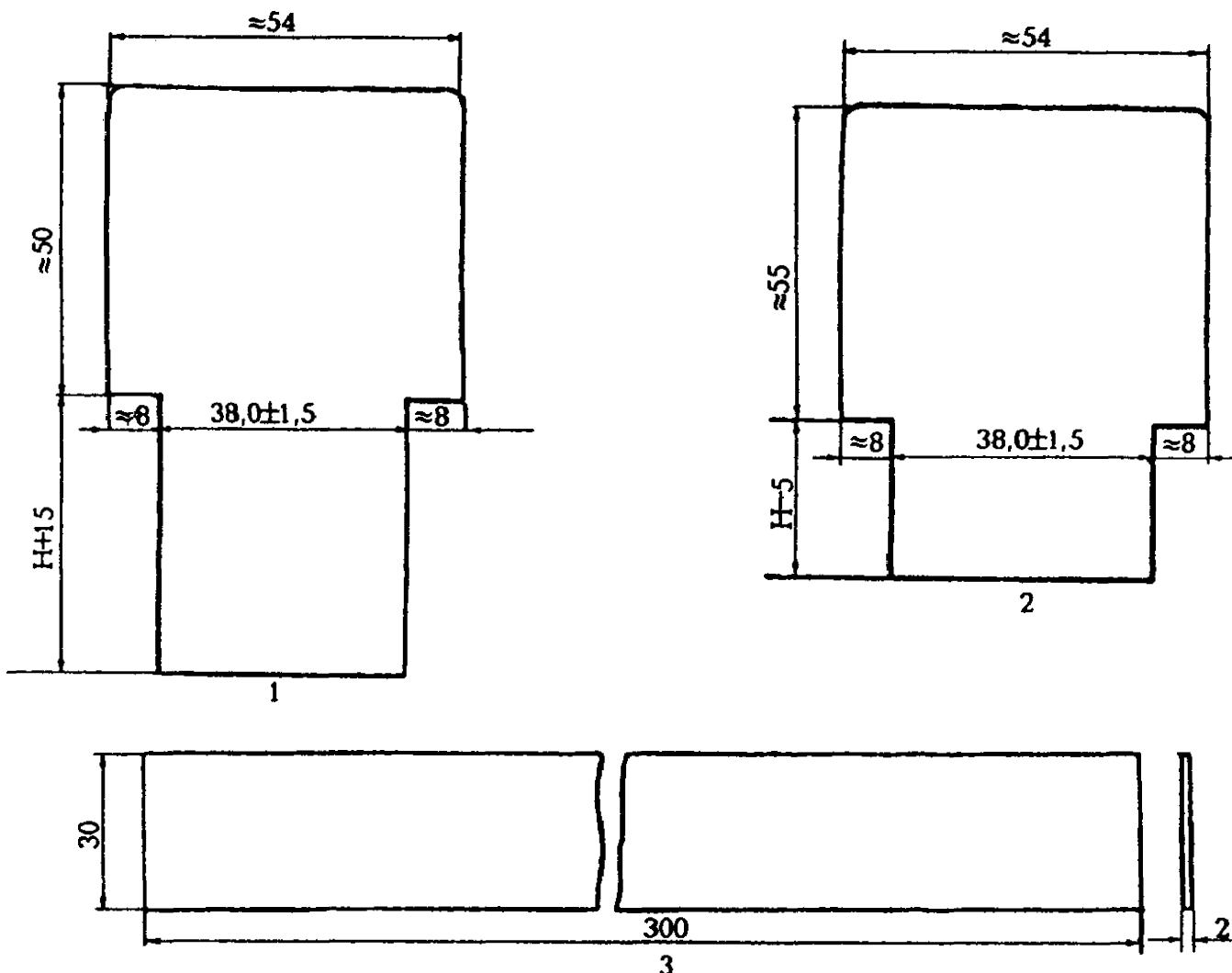
60

10

(50 ± 10)

(

10)



1—

; 2—

; 3—

9—

4/5

+1 %

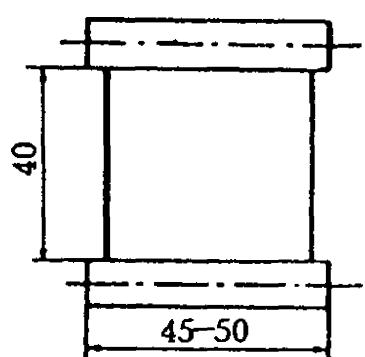
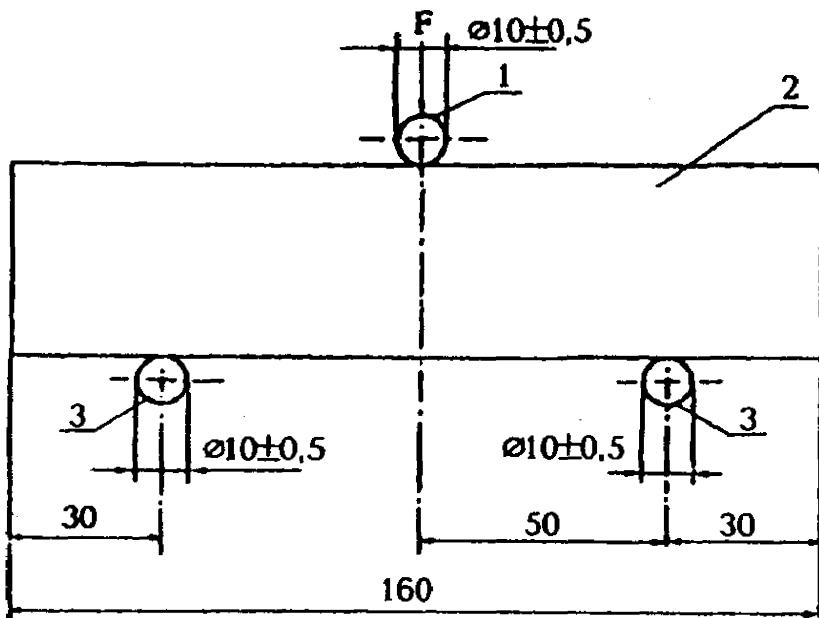
56—61 HRC₃,

10.

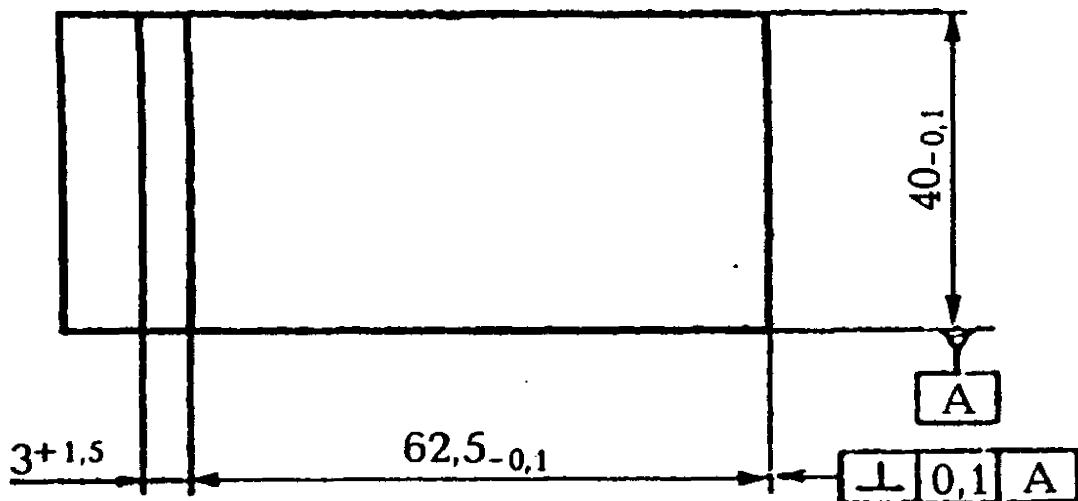
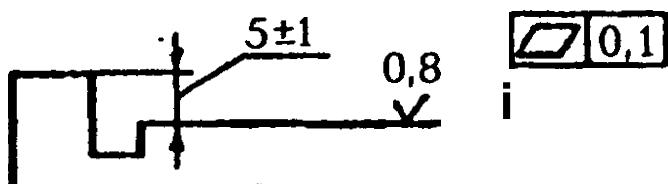
500

± 1 %

4/5



1—
10— ; 2— - ; 3—



11—

,

±0,5

10 , **(40±0,1)**

60 HRC₃,
(40±0,1) ,

11.

() **4.10.**

24104

1770

2

1

8.2

8.2.1

4.4.

(—),
1:3

, 0,50.

450

1350

225

3.

		,
		(±1)
	»	30
	—	30
	—	30
(90
		(15)
)		60

8.2.2

8.2.2.1

8.2.2.2

8.2.1

300

60

60

8.2.2.3

().

8.2.2.4

()

8.2.2.5 (24±1)

(24±1), 20, (48±2)

8.2.2.6

14, (20±1)°.

8.2.2.7

4.

*

23

,	(±)
1; 2	15
3	45
7	2
28	8

8.2.3

(50± 10) / .

8.2.4

8.2.3

40x40

10

8.2.5

8.2.5.1

▲ , ,

F— , ;
b — , ;
l— , .

0,1 .
8.2.5.2 /? , ,

=| . (3)

F— , ;
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0,1 .
10 %

10 %

8.3

8.3.1

8.3.2

(,
, .).

28 ,
3 % , **10.**

8.3.3

28

20

8.3.4

28

6 %

15 %

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- [1] EN 196-6
(Methods of testing cement — Determination of fineness)
- [2] EN 196-3
(Methods of testing cement — Determination of setting time and soundness)
- [3] EN 196-1
(Methods of testing cement — Determination of strength)
- [4] 310.1—76
- [5] 310.2—76
- [6] 310.3—76
- [7] 310.4—81
- [8] 10178—85
- [9] 22266—94
- [10] 965—89
- [11] 11052—74
- [12] 25328—82
- [13] 969—91
- [14] 15825—80

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691.54:620.1(083.74) 91.100.10 19 5709

., , , -

30744-2001

19.12.2001. 60 84¹/₁₆.
1,8. 300 JSfe 2386

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127238, , , 46, . 2.

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(095) 482-41-12 — ;
(095) 482-42-97 — .

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