

5533-86.
6507-90.
7376-89.
7481-78.
7502-98.
9013-59.
9416-83.
9438-85.
10667-90.
14192-96.
18578-89.
20403-75.
23166-99.
26302-93.
26602.3-99.
28498-90.
30247.0-94.
30247.1-94.

30698-2000.
30733-2000.
30779-2001.

(30 100 IRHD)

3.

3.1.

3.2.

1.

1

111
5533
7481

0, 1, 2

:

30698

3

:

30773

. 1.

2. (

) -

25%.

),

9438

10667 (

3.3.

- ;

();

;

;

;

;

(,).

3.4.

1 - 4, 7;

1 - 5, 6 - 8, 8;

(), 1 - 14, ;

1 - 6, .

23166.

3.5.

().

().

3.6.

().

"	"	"	25	- +/- 0,5;
"	"	"	. 25 40	- +1,5/-0,5;
"	"	"	. 40 60	- +2,0/-0,5;
"	"	"	. 60	- +3,0/-0,5.

3.7.

2.

<= 12

> 12

< 6

>= 6

1100	.	+2,0/-2,0	+2,5/-2,0	+3,5/-2,5
1100	1500	. +3,0/-2,0	+3,5/-2,0	+4,5/-3,0
1500	2000	. +3,0/-2,0	+3,5/-2,0	+5,0/-3,5
. 2000		+3,5/-2,5	+5,0/-3,0	+6,0/-4,0

3.8.

3.

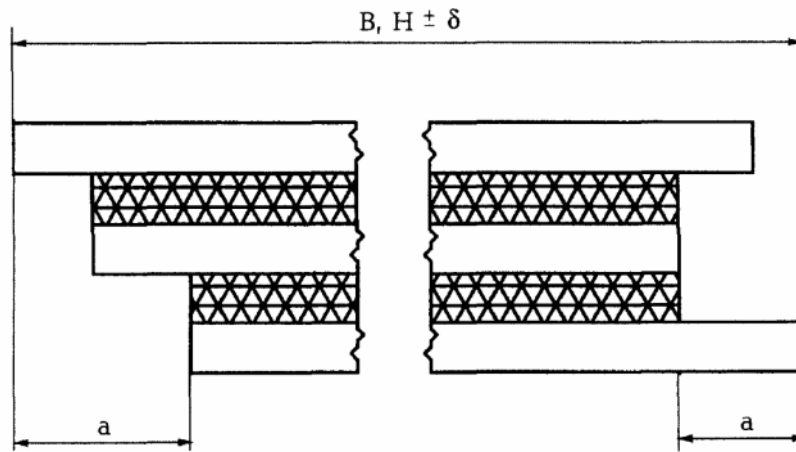
()

1000	.	1,0	2,0
1000	2000	1,0	2,5
2000	.	1,0	3,0

1.

2.
3.

(1).



; δ -

1

3.9.

$s \leq 10$

0,0015 -

0,001
 $s > 10$

111.

3.10.

2.

3.11.

4.

4

1300
1300
2300

2300

3
4
5

3.12.

2/3

3.13.
3.13.1.

(

()

).

3.13.2.

()

3.14.

1, 1500, 800, 13 :
 : 1 - 1500 800 13 - 30826-2001
 , 2, 1500, 800, 30 :
 : 2 - 1500 800 30 - 30826-2001
 20 :
 : 1 - 1500 800 20 - 30826-2001
 , 15 (15), 1500, 800, 15 : 3,
 : 3 - 15 - 1500 800 15 - 30826-2001

3.15.

()

4.

4.1.

4.1.1.

111

4.1.1.1.

5.

5

L,

0,5 < L <= 1,0

1,0 < L <= 3,0

, 2

<= 1,0 1,1 - 2,1 - 7,9 >= 8,0
2,0

()

2	1	.	2	.	1	./ 2	1,2	./ 2
3	2	.	3	.	1,5	./ 2	1,8	./ 2
4	3	.	4	.	2	./ 2	2,4	./ 2
>= 5	4	.	5	.	2,5	./ 2	3	./ 2

. 1.
0,5

. 3 -

2.

: 4

200

180 ,
 ; 150 ,
 ; 100 ,

4.1.1.2.

6.

6

, 2

3 10 . 10 30

5
. 5 8
. 8

1
2
3

1
2

. 1.

3 5

10 . 1 2.

2.

3

30 -

4.1.1.3.

()

10 (,)

4.1.1.4.

4.1.1.5.

4.1.2.

() 2 .

4.1.3.

100 .
50 °

4.1.4.

(15% - 70 °)

14 .

4.1.5.

60°

4.1.6.

(),

, 7.

7

1	300 +/- 30
2	700 +/- 30
3	1200 +/- 30
4	2000 +/- 50

45 +/- 1

4.1.7.

8.

8

1	1500 +/- 20	60 +/- 5%	3	+0,02
2	3000 +/- 20	120 +/- 5%	3	4,108
3	6000 +/- 20	240 +/- 5%	3	-0,04
4	9000 +/- 20	348 +/- 5%	3	
5	9000 +/- 20	348 +/- 5%	3	

6	-	-	30	50	. 2,0 +/- 0,1
7	-	-	. 50	70	.
8	-	-	. 70		

01.01.2004 . 1.

2.

(9500 +/- 20) . 4 5

3.

4.1.8.

4.1.9.

4.1.10.

(,)

4.1.11.

().

4.1.12.

4.1.13.

().

4.1.14.

4.1.15.

4.2.

4.2.1.

4295,

5244

7376

4.2.2.

- /

- ;

- ;

, () ,

).

4.2.3.

- /

- ;

- ;

- ;

- ;

- ;

4.2.4.

"," " " "

14192

:"

5.

5.1.

5.2.

3.5 - 3.13; 4.1.1, 4.1.5

4.1.2 - 4.1.4; 4.1.6 - 4.1.15

9.

3.5;	+	-		-	6.1;
3.6				, 100%-	6.2
- 3.7	+	-			6.1;
					6.2
3.8	+	-	"		6.1
3.9;	+	-	"		6.13;
3.10					6.14
3.11	+	-	"		6.1
3.13	+	-	"		6.3
3.12;	+	-	"		6.4
4.1.1					
4.1.5	+	-		-	6.8
				, 3	.
- 4.1.3	-	+			6.6
				, 3	.
4.1.4	-	+			6.7
				6	.
4.1.6	-	+			6.11
				, 3	.
4.1.7	-	+			6.9,
					6.12
4.1.8	-	+	"		6.10
4.1.9	-	+	"		6.21
4.1.11	-	+			6.15
4.1.12	-	+			6.16
- 4.1.13	-	+	"		6.18
4.1.14	-	+	"		6.19
4.1.15	-	+	"		6.20

5.3.
5.3.1. (100%) 3.5 - 3.13; 4.1.1.
5.3.2. , 3.5 - 3.13;
4.1.1. 5.3.3. (4.1.5) ,
5.3.1, 3 . 4.1.5.
, 4.1.5.
4.1.5
5.4.
5.4.1. 4.1.3, 4.1.4; 4.1.6 - 4.1.9; 4.1.15
5.4.2. 4.1.3; 4.1.6 - 4.1.9; 4.1.15
4.1.4 , 5.3,
5.3.

- 4.1.14

5.5.

6.5.

5.6.

5.7.

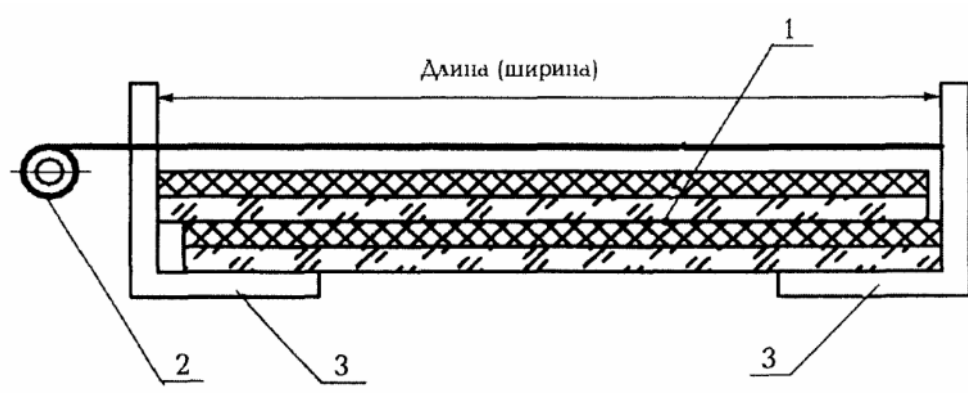
6.1.

2

7502

1

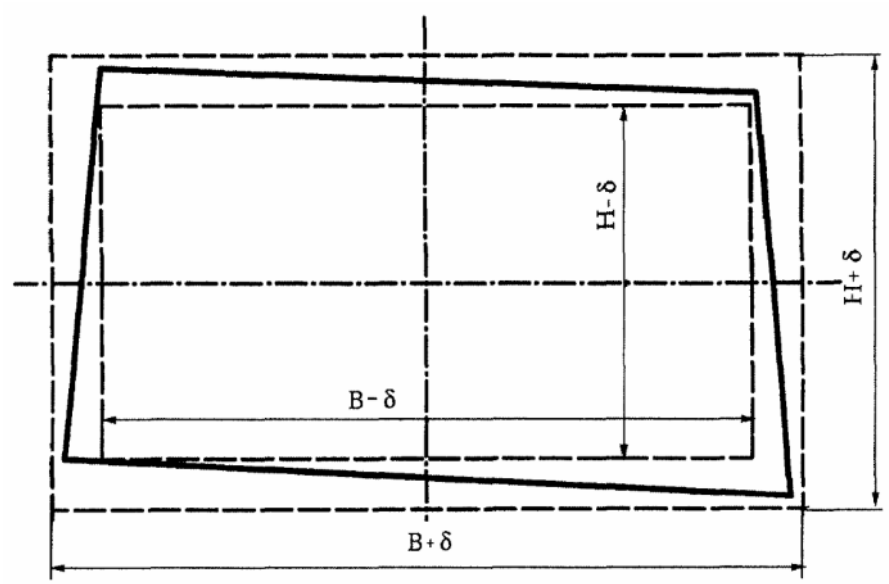
3749.



1 - ; 2 - ; 3 -
2

3.

1



, , δ -

6.2.		(3.6)		
0,01	166		0,1	6507 3.6.
6.3.		(3.13)		(
6.4.			300	111.
6.5.			()
6.5.1.				
6.5.2.			(300 100)	,
6.5.3.				
6.5.4.	28498		2°	100°
			(100 - 2)°	3° /
			2	,
			()
6.5.5.				2
			15	, 25
6.6.				
6.6.1.				
6.6.2.			76 300	,
			()
6.6.3.			280 - 400	(80 +/- 2) / 2
			" (50 +/- 2)°	
	1 - 5			
6.6.4.			5%).	
	1%.			26302 (230 +/- 10)
			100	(45
+/- 5)°				
6.6.5.				
26302		1%.		
			90%	
6.7.				
6.7.1.				
6.7.2.			300 100	,
6.7.3.				

(50 +/- 2) (70 +/- 2) °

92%.
6.7.4.

(50 +/- 2) (70 +/- 2) °

6.7.5. (15%) 92%.

10

, 15 -

6.8.
6.9.
6.9.1.

111.

6.9.2.

[(1100 900) +/- 5]

(6.11.2;

12 .

.2;

.2)

01.01.2004 .

[(1100 800) +/- 5]

6.9.3.
6.9.3.1.

4,108^{+0,02}_{-0,04} (:
3722.

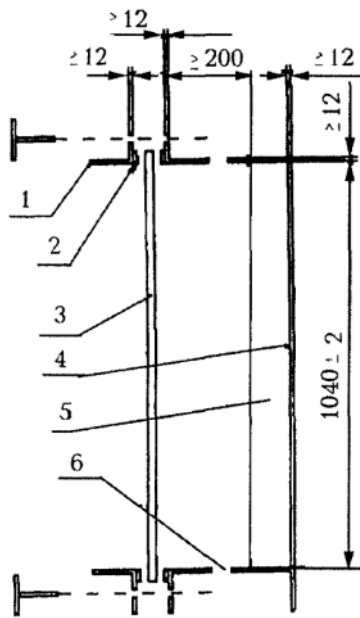
100 ,

60 - 67 RC).

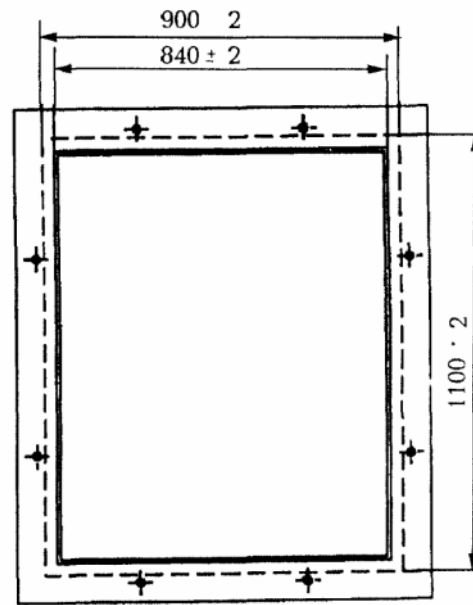
7.

(30 +/- 5)

(4).



1 -
3 -
5 -



; 2 -
; 4 -
; 6 -

4

30 ,

4

40 60 IRHD

20403.

6.9.3.2.

1 , 2 , 3 , 4

(130 +/- 20)

5

()

5

);

5

6.9.3.3.

6.9.4.

6.10.

6.11.

6.11.1.

6.11.2.

[(1100 900) +/- 5]

12

6.11.3.

(220 +/- 10)

(45 +/- 1)

(330 +/- 10)

6.9.3.1,

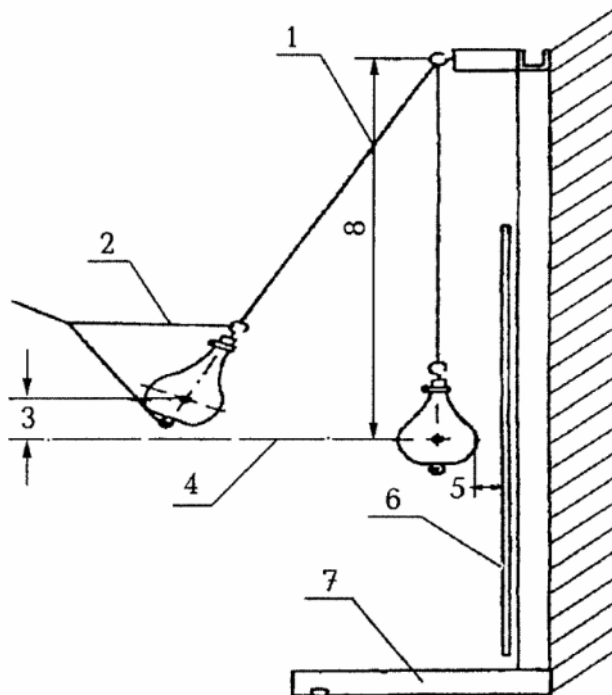
6.11.4.

10

2500

50

(5).



1 -

2,5 - 4 ; 2 -

;

3 - ; 4 - ; 5 - ; 6 -
 ; 7 - ; 8 -
 5

25

7,

6.11.5.

76

6.12.

6.13.

(427 15°), 9416, 0,7

()

3.9.

12

6.14.

427

()

6.15.

26602.3

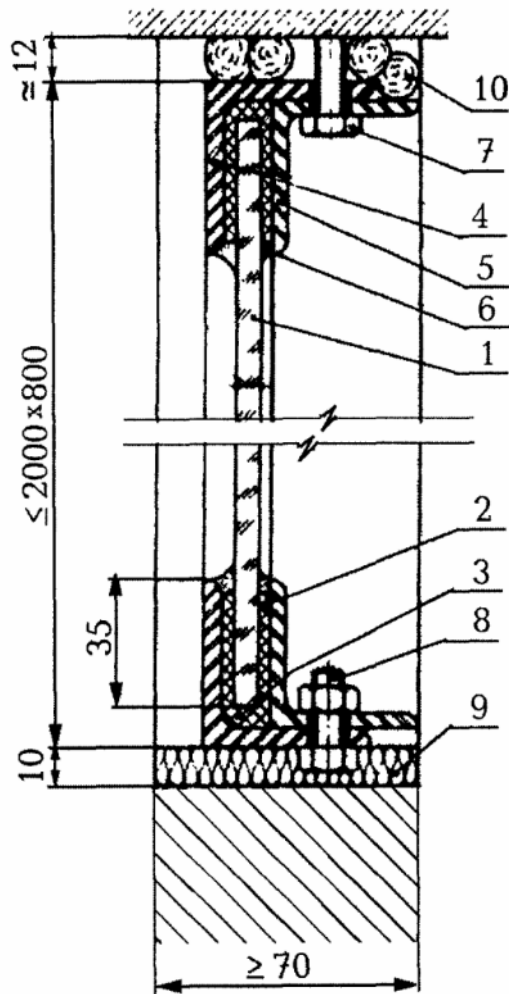
26602.3,

6.16.

30247.0,

30247.1

(6).



1 - ; 2, 3, 6 - ;
4, 5 - ; 7, 8 - ;
9 - ; 10 -

6.

6.17.

6.18.

1%.

6.19.

6.20.

5 °

6.21.

7.

7.1.

7.2.

15°

8.

8.1.

8.2.

8.3.

15

8.4.

8.5.

8.6.

8.7.

8.8.

8.9.

8.10.

300 - 400

9.

9.1.

9.2.

9.3.

26302,

30779.

(),



.2

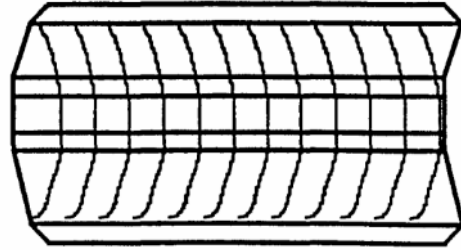
.1.2.

.1.3.

.2.

.2.1.

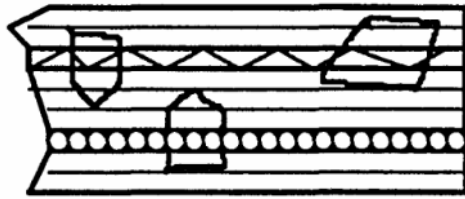
(.3);



.3

.2.2.

(.4).

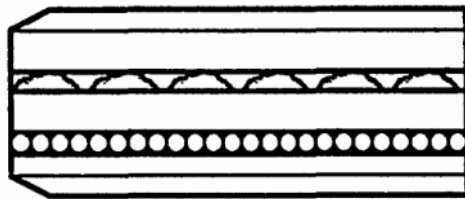


.4

.2.3.

(.5).

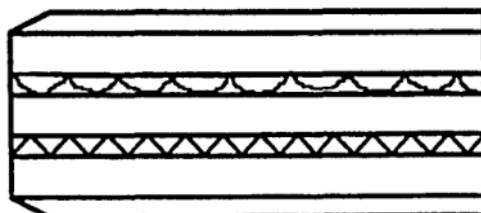
()



.5

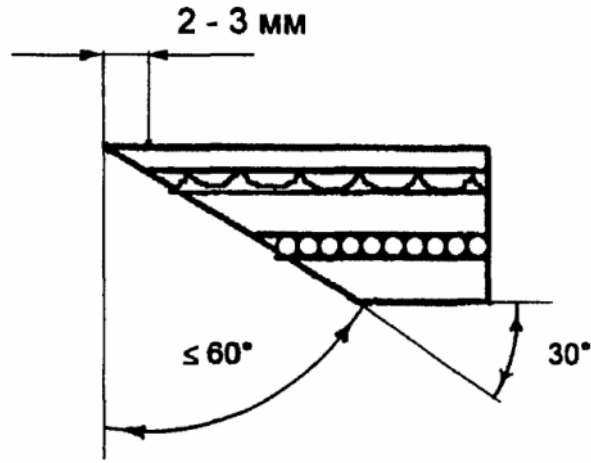
.2.4.

(.6).



.6

(.7).



.7

()

.1

()

, , / ,

1	5 <*>	2	23	10	6,5
2	4 <*>		12	20	15
3	3 <*>		9	35	25
4	2 <*>		5	55	65
5	1 <*>		3	100	200
6	<***>	100	45	150	20
7	<***>		30	220	35
8	<***>		20	330	65
9	D <***>		15	500	100
10	<***>		12	750	175
11	R1 <***>	1000	35	900	100
12	R2 <***>		30	1500	150
13	R3 <***>		25	2200	200
14	R4 <***>		20	3200	250

()

.1

1	()	- 9-	57-	-181	5,9	305	-	5	+/-	0,05	
						325					
	"	"	7,62-	57-	-122	6,8	275	-	5	+/-	0,05
						295					
2		-	5,45-	7	7	2,5	305	-	5	+/-	0,05
						335					
	()	-	7,62-	57-	-134	5,5	415	-	5	+/-	0,05
						445					
2	12-		18,5-			35,0	390	-	5	+/-	0,05
						410					
3		-74	5,45-	7	6	3,4	890	-	5	-	10
						-	910				
			7,62-	57-	-231	7,91	710	-	5	-	10
						-	740				
4		-74	5,45-	7	10	3,6	890	-	5	-	10
						-	910				
5			7,62-	57-	-323	9,6	820	-	5	-	10
						-	840				
			7,62-	57-	-231	7,9	710	-	5	-	10
						-	740				
5			7,62-	57-	-231	7,6	720	-	5	-	10
							750				
6			7,62-		- 2	9,6	820	-	5	-	10
						-	840				
6			7,62-	7-	-3	10,4	800	-	5	-	10

()

.1.

.2.

[(1100 900) +/- 5] ,

12 .

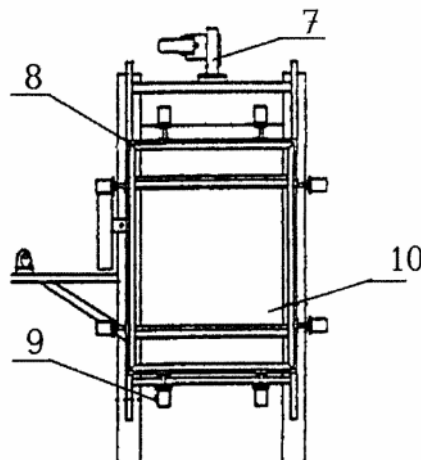
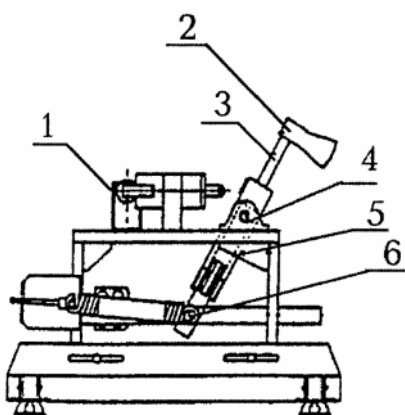
.3.

() (.1,)

(.1,) .

a

б



- 1 - ; 2 - ; 3 - ;
- 4 - ; 5 - ; 6 - ;
- 7 - ; 8 - ;
- 10 - ;

.1

.3.1.

()

$V_1 (V_2)$

.1;

L_1

(65 +/- 3,5)°

.1

	V, -		V, -		
	1 / , +/- 0,25	1 <*> , , +/- 17,5	2 / , +/- 0,22	2 <*> , , +/- 15	
6	12,5	350	11,0	300	30 50
7	12,5	350	11,0	300	.50 70
8	12,5	350	11,0	300	.70
<*>					

$E_1 (E_2)$

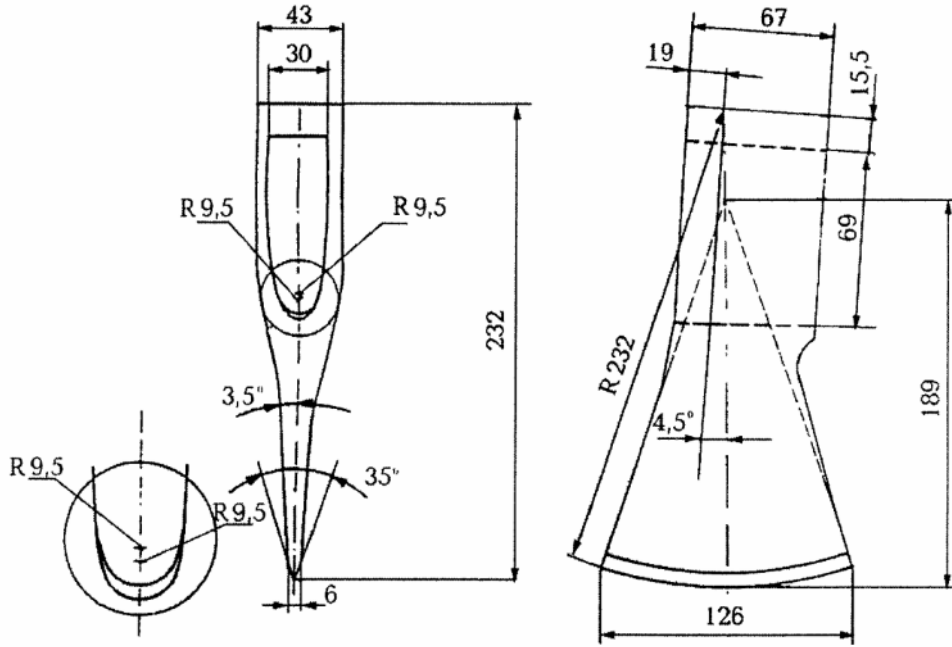
.1.

.2, (2,0 +/- 0,1)

().

18578.

30



.2

- (35 +/- 1)°;
- R (232 +/- 1) ;
- 51 - 56 RC 10

9013.

RC

9013.

222

51 - 56

[(40 +/- 2) (40 +/- 2)] 2,

(232 +/- 10)

46 50 RC

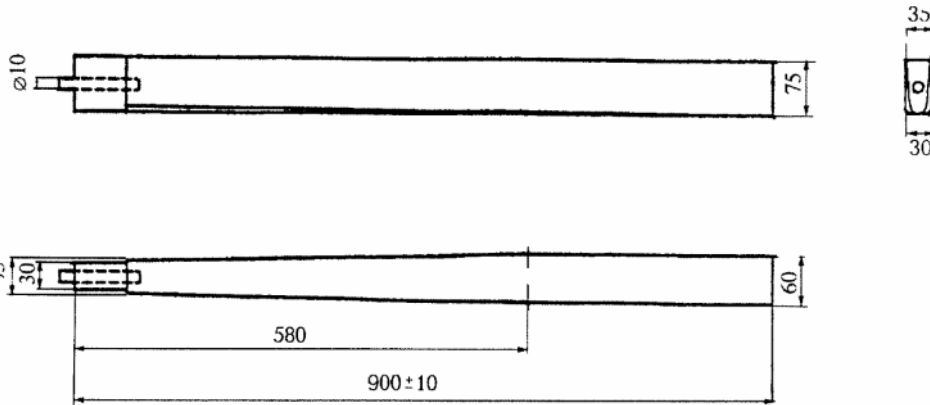
9013,

(2,0 +/- 0,1) (935 +/- 5) / 3

(400 +/- 20) / 2 (700 +/- 25) / 3,

.3).

().



.3

(300 +/- 5)

(.4);

(60 +/- 2)

(300 +/- 5)

(25 +/- 1)

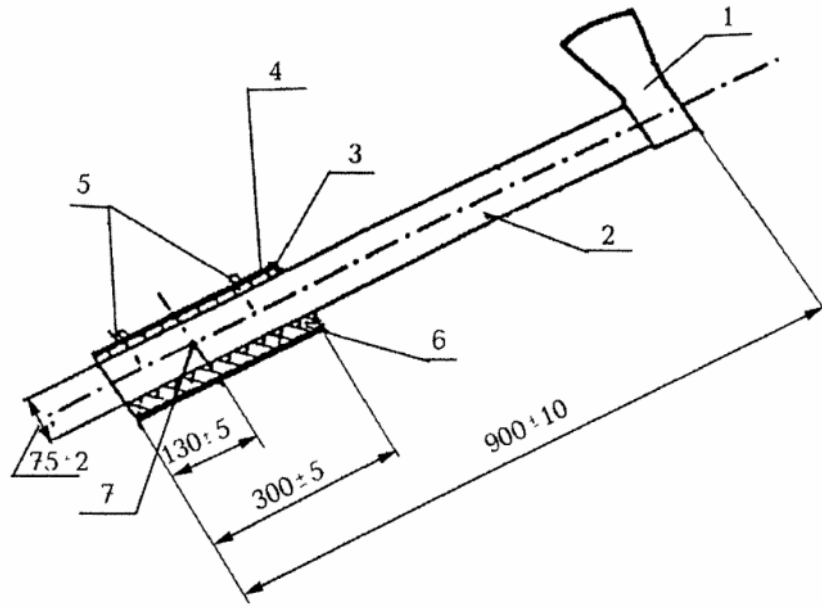
40 60 IRHD

20403;

(300 +/- 5)

(6,0 +/- 0,1)

(100 +/- 20) / 2;
(770 +/- 10)



1 - ; 2 - ; 3 - ; 4 -
 ; 5 - ; 6 - ; 7 -

.4

(30 +/- 5)

30

4

40 60 IRHD 20403.

.1.

.4.2.
.4.3.

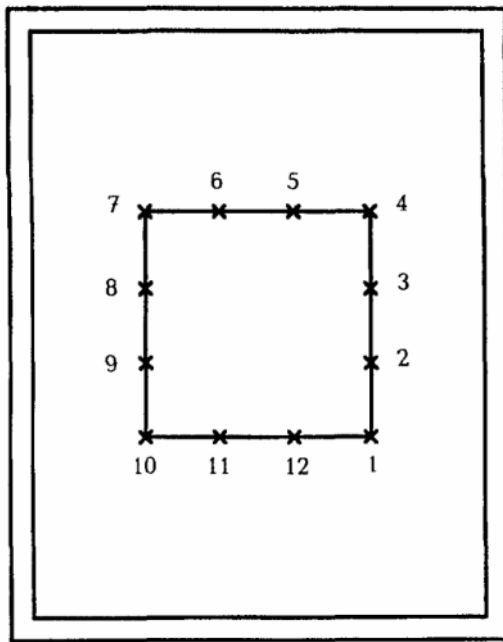
(50 +/- 10)

(400 +/-

10)

12.

.5.



.5

(1)

50 130 50

10

90°

1'

2'

10 (- 10)

90°

5

.4.4.

()

.1.

.2.

[(500 500) +/- 5] ,

(20 +/- 4) ° 12 .

.3.

-
-
-
-

440 440 ;

(30 +/- 5) ,

440 440 ,

(0,05)

400 400 150

300 - 500

2,5

1,0 / .

.4.

()

(125 +/- 10)

1

.5.

.6.

()

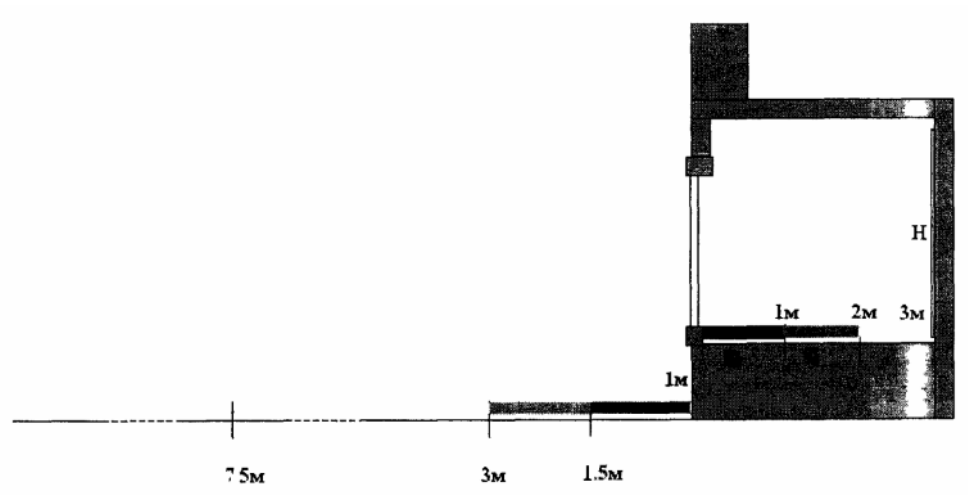
.1. ().

.2.1. 1 - 5 [(900 1100) +/- 5] ,

.2.2. 6 - 14 [(1200 1600) +/- 5] ,

.3.1. 1 - 14 .2
1 .

.1. 1 - 14 3



.1

.4.1. 1 - 5 3 2 30%.

.4.2. 6 - 14 3 7,5