



15830-84, 18970-84

18970-84

Pressure metal working. Forging, closed-die
forging and stamping operations. Terms and definitions

18970—73

0090

12

1984 . 1270

01.07.85

<< >>

Qc a e

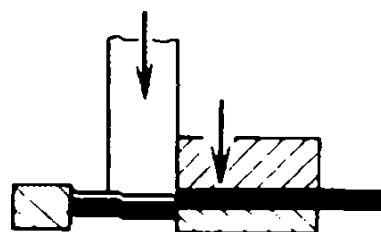
1986 .

3.1109—82.

- , — , —
-
1. - |
2. .
3. .
4. * .
5. .
6. .
7. | , .
- * (, .), : , . > <

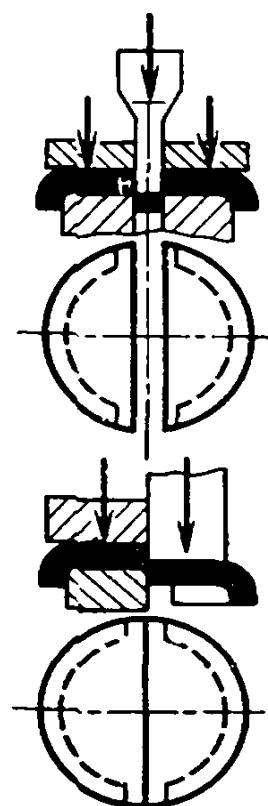
8.

*

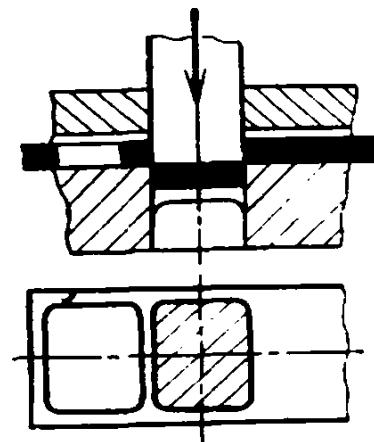


9.

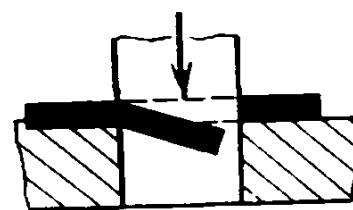
1



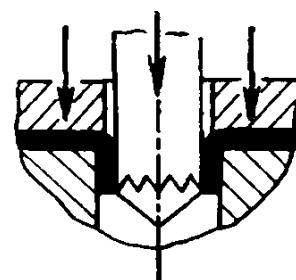
10.



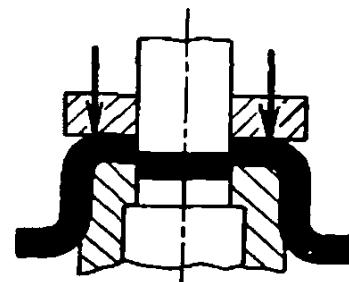
11.



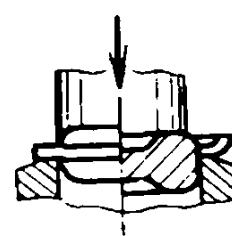
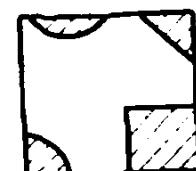
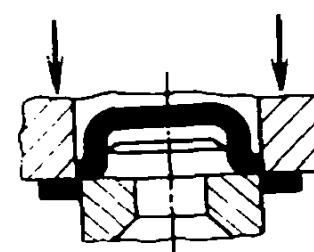
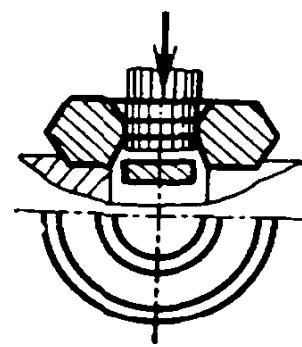
12.



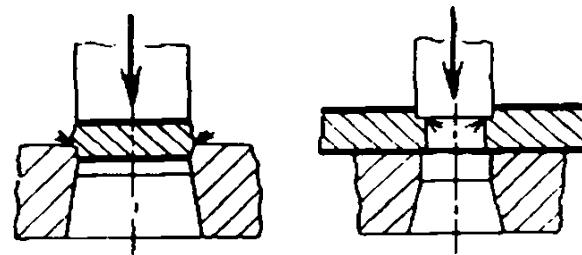
23.



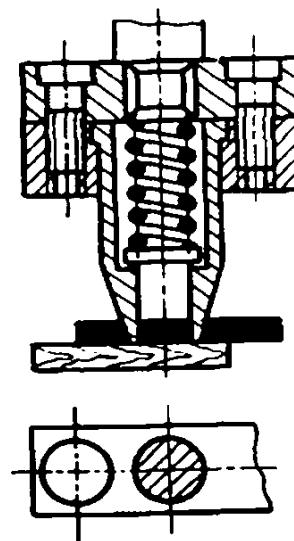
14.



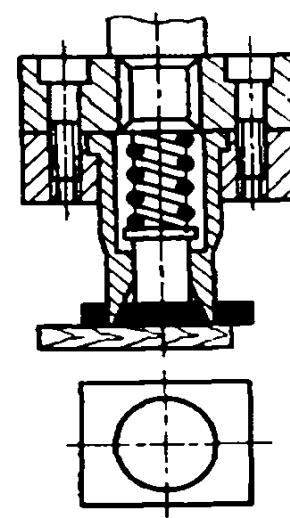
15.



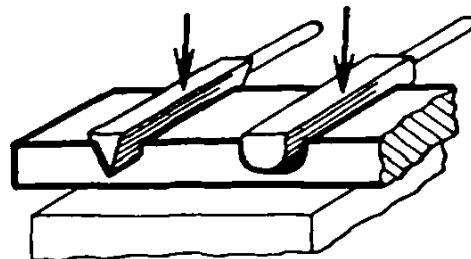
16.



17.

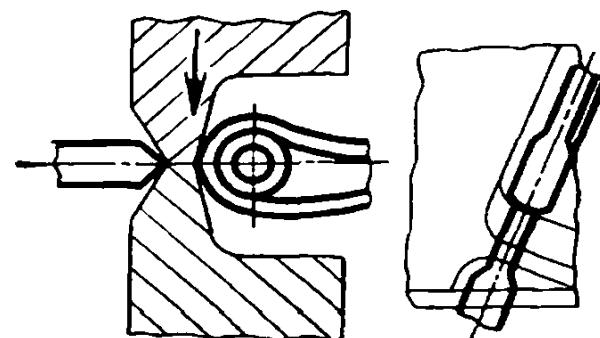


18.



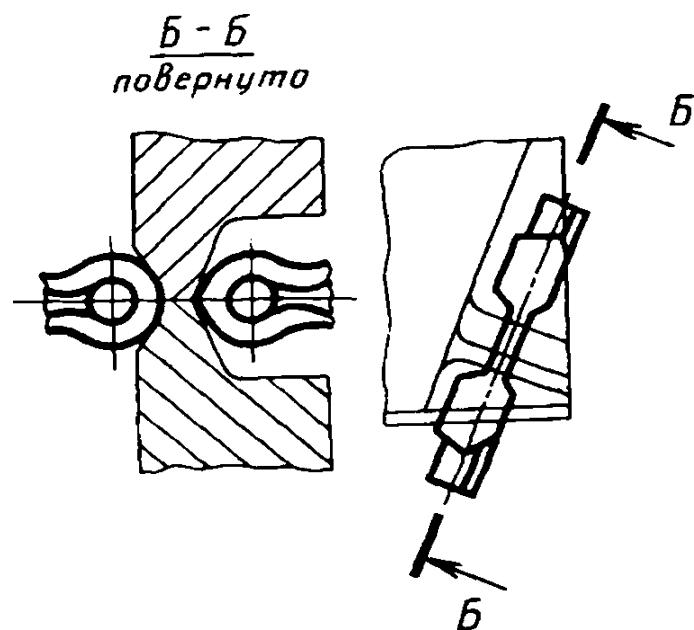
19.

5-5

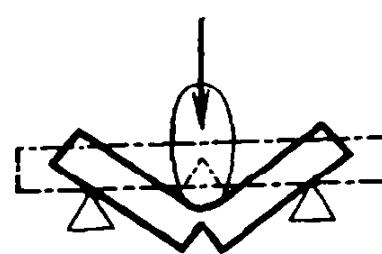


5

20.

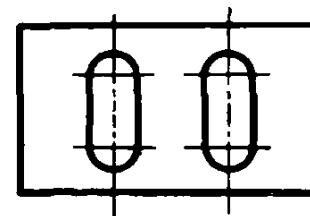
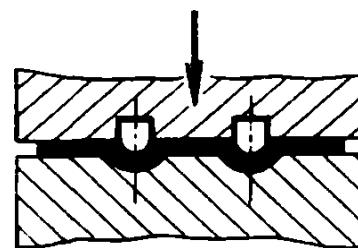


21.

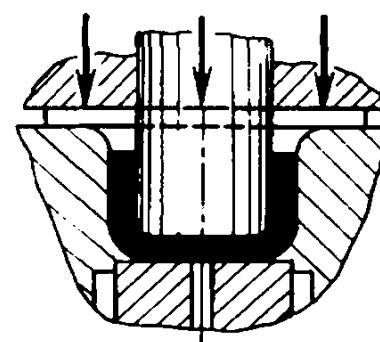


22.

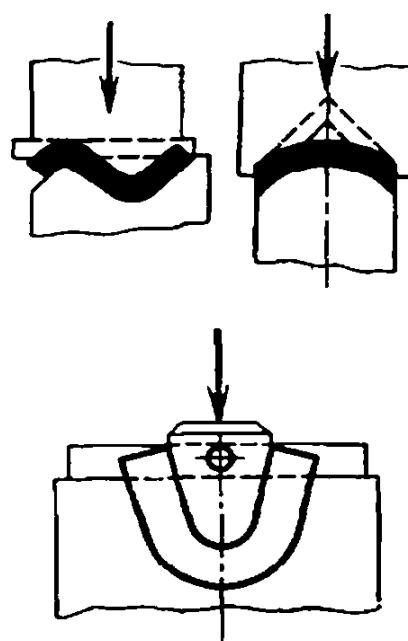
23.



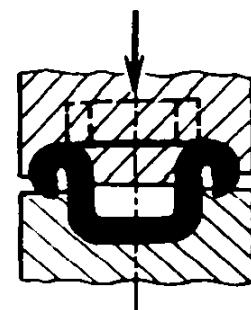
24.



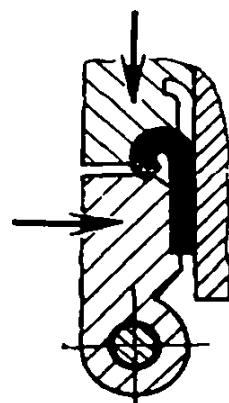
25.



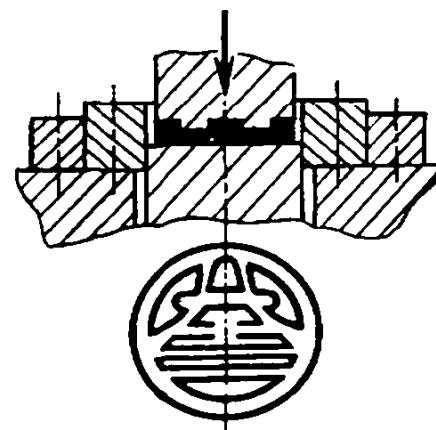
26.



27.

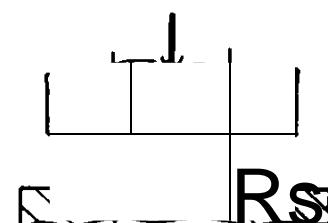


28.



29.

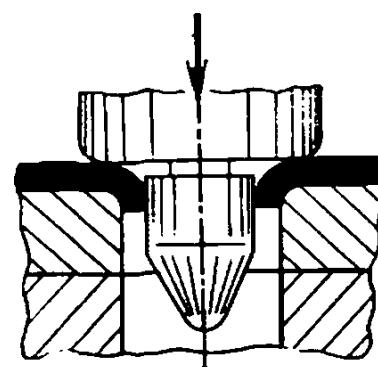
Образование точечных углублений на заготовке



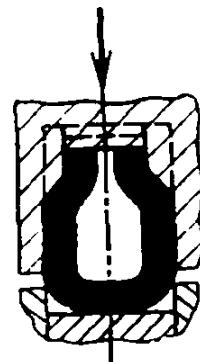
<) - - >

30

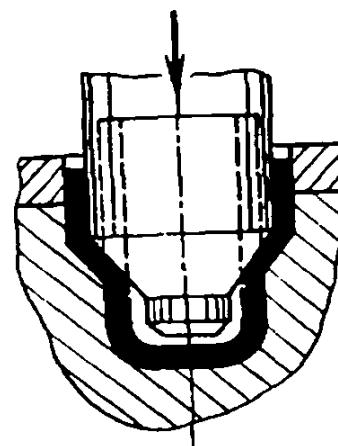
()



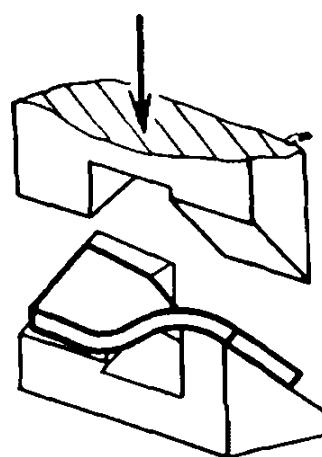
31.



32.

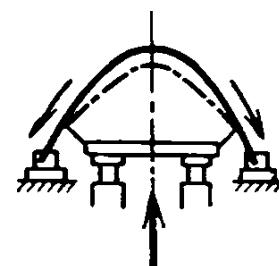


33.

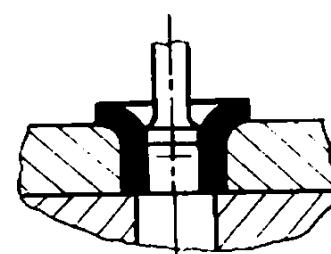
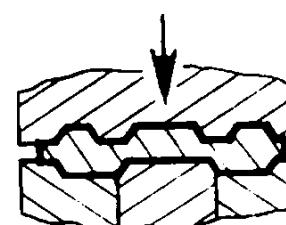


34

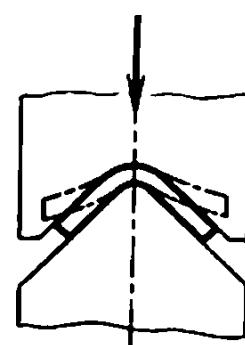
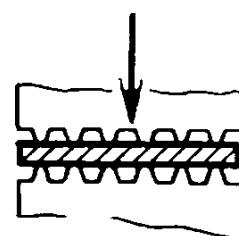
34.



35.



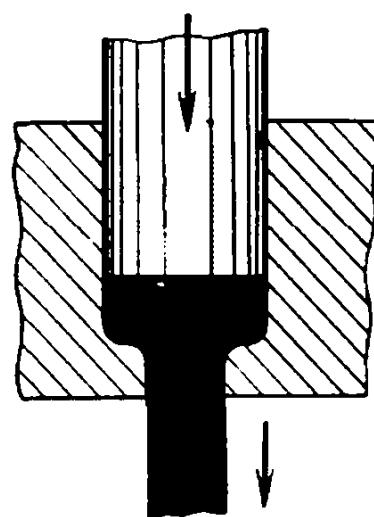
36.



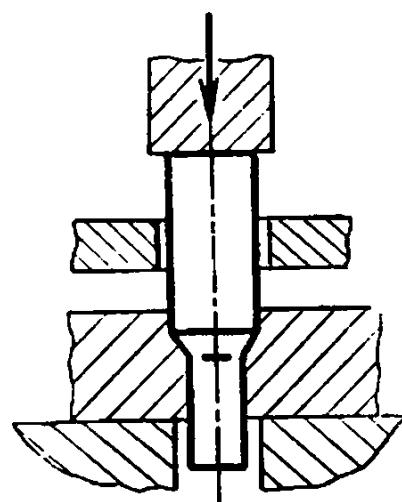
37.

()
ручья штампа

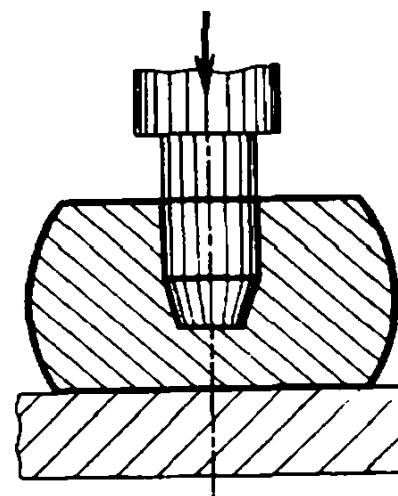
I



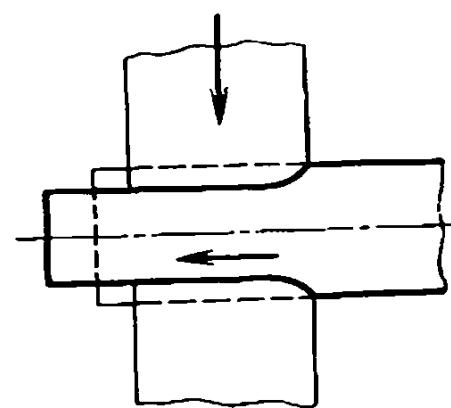
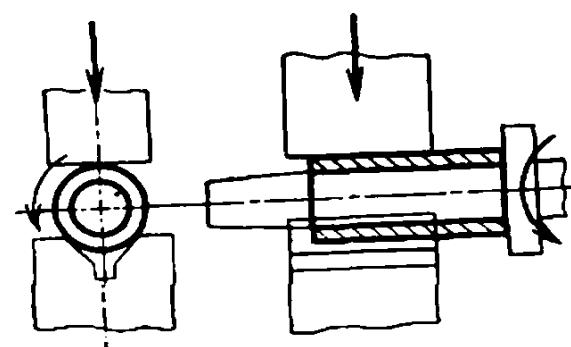
38.



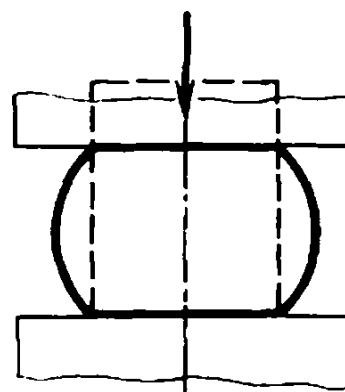
39.



40.

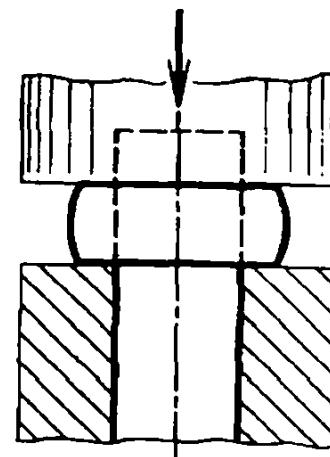


41.

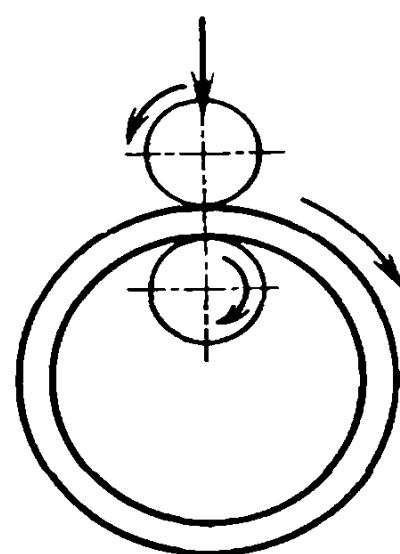
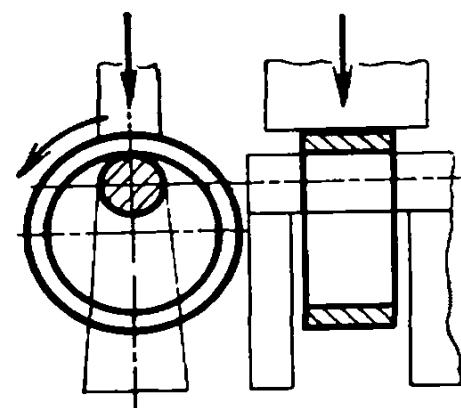


42.

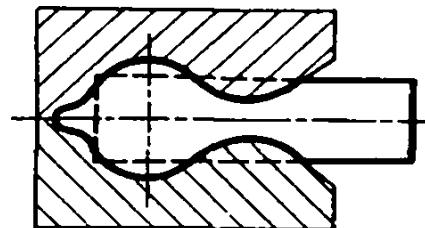
Осадка части заготовки



43

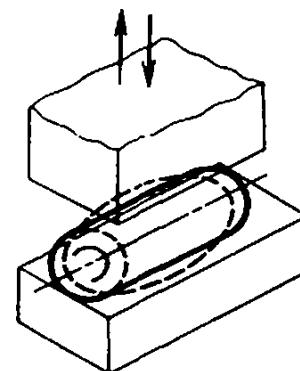
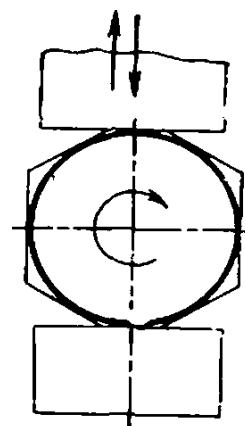


44

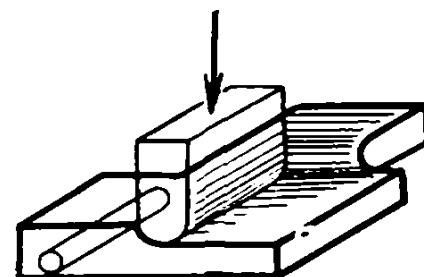


39

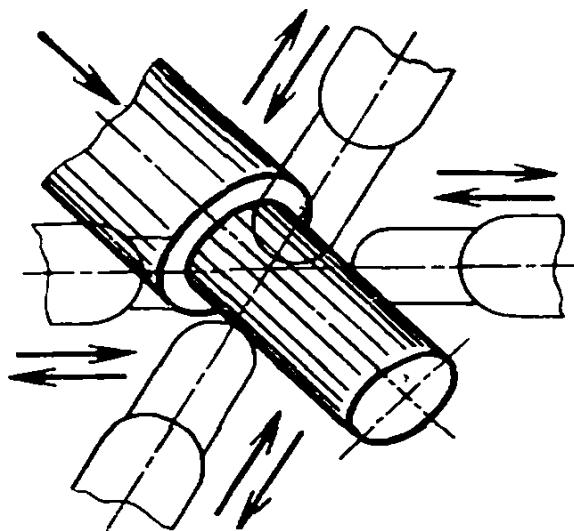
45.



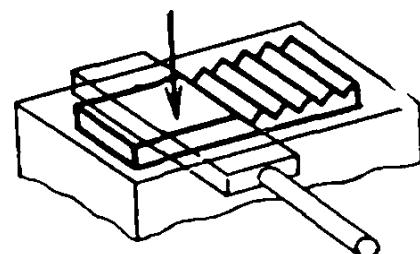
46.



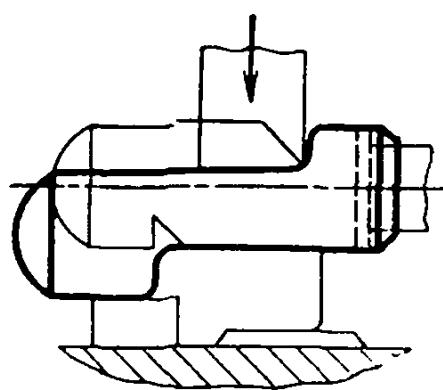
47.



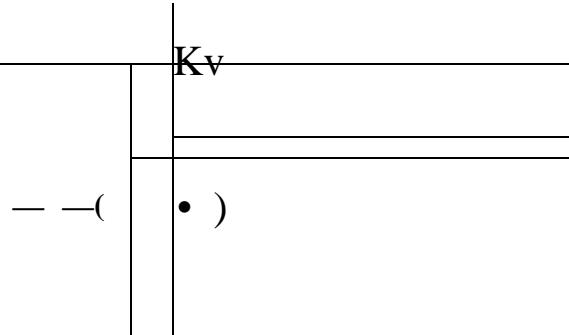
48.



49.



50.



51.

*

,

**

;

,

53.

³

,

-

-

-

54.

) (

),

(

-

-

-

* . 51—54

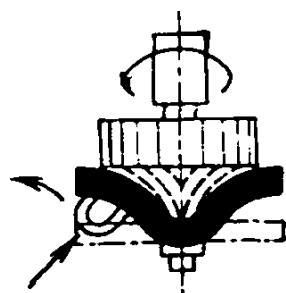
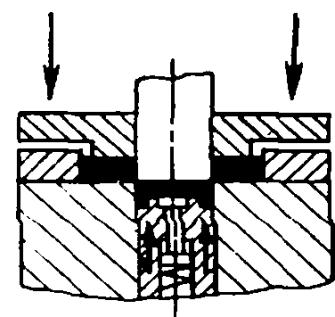
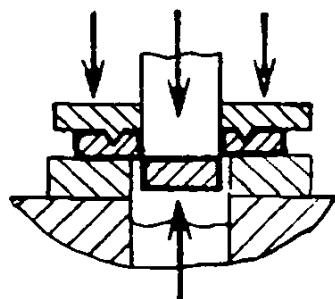
**

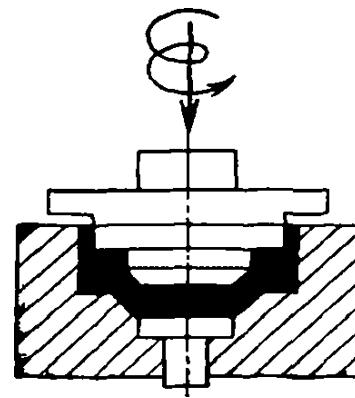
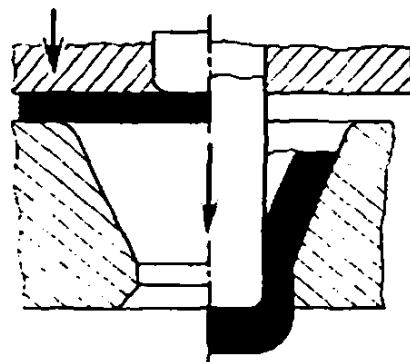
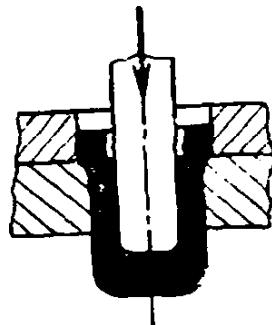
,

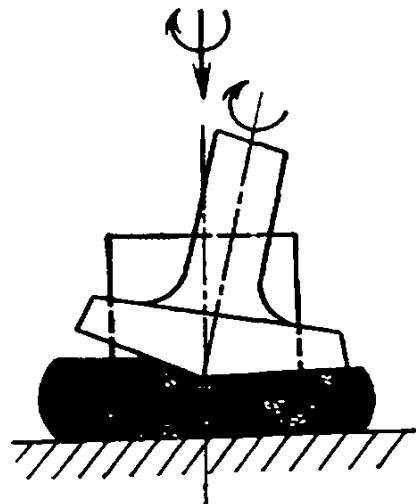
45
30
11, 13
23
37
37
33
32
10
42
13
16
24
40
25
27
26
33
33
13
, 13
15
23
35
29
29
2
47
2
51
52
53
54
54
33
21
25

18
11
50
39
31
47
31
31
31
45
45
1
14
14
14
34
7

22
41
41
30
8
19
46
49
49
46
44
11
11
36
36
37
13
46
3
13
13
13
17
17
40
40
43
23
39
33
46
32
9
20
43
46
38
37, 47
3
36
19
25
33
33
46
30, 32
23
23
28
48
3
6
3
4
23







1

18970—84

29.03.91 344

01.0L92

1 ,

«

1,

6

»

«

— 6 — 6 »

6

6

6

66

6

3 1109—82

6

,

,

6

3 1109—82

,

(

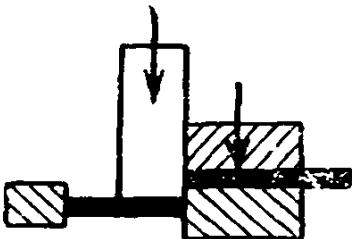
. 46)

45

* (. « *
* ; « ; :
;

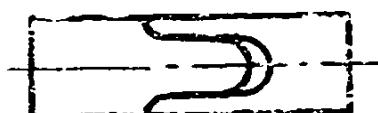
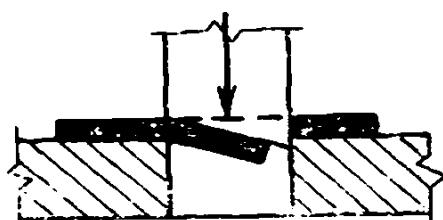
*;
*, 5 — «
,*

8.



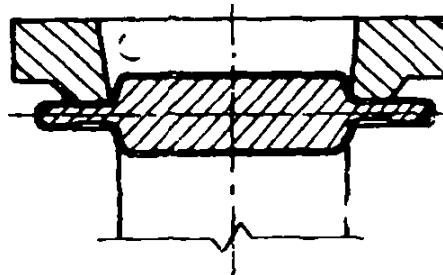
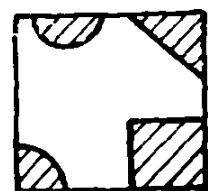
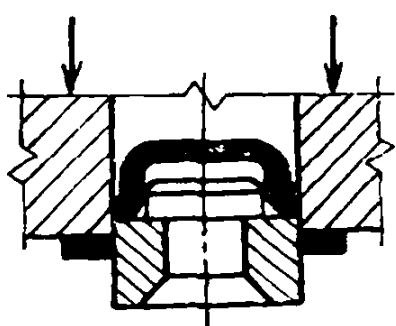
* «
— «
:

: 10 — «
»;



(. . 47)

14.

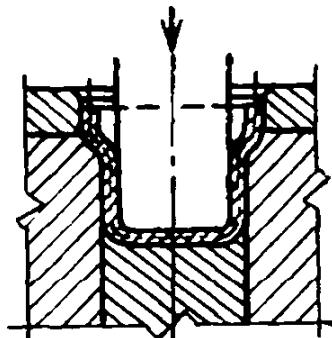


15.

* «
« 17
, 20.
1 24

: « » « »»
: « : « : «
 »,
 »,
 »,

»



nvi . 26
28
29

30, 35 *

« »
« »
« »

« »,
: « »;
: « »,
 »;

30 — «
»,

(48)

47

35 — «

()

»

»;

36
37.

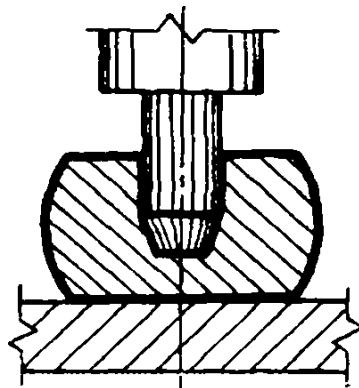
()

:

: «

»;

39.



); « ».
« »

4.

: « »;

« » (-

: 43 — « -

50 — «

,

,

»;

».

:

45
30

11, 13

23

37

37

33

32

10

42

(. . . 49)

13
16
24
40
25
27
26
33
33
13
11, 13
15
23
6
35
29
29
2
47
2
33
21
25

18
II
50
39
31
47
31
31
31
45
45
6
1
14
14
14
34
7
22
41
30
8
19
46
49
46
44

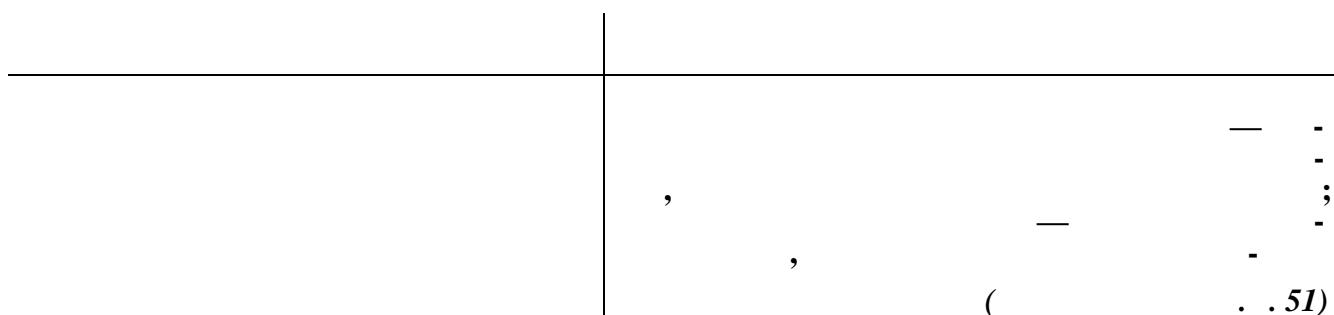
11
6
36
36
37
13

(, , 50)

	48
'«	6
	12
	13
	13
	17
	17
	40
	40
	43
	23
	39
	33
	46
	32
	9
	20
	43
	46
	38
	38
	37, 47
	8
	36
	19
	25
	33
	33
	46
	30, 32
	23
	23
	28
	48
	3
	6
	5
	66
	4
	23

—1 (1):

I



. . . ,
; , —
, , —
/ ,
. —
; 3 — ; 3 — ,
“ 4 .₃ ,
. — ; ;
— ; ’ 4 . ~ ;
— ,
4
— . »
; 3 — ; . —
; , — ,
“ *4 ._{1~} , •
1 — ; . — ;
— , ;
.

. 12 900 . 25.07.86 . . 04.10.86 3,0 . . . 3,125 . . . 2,02 . . . 10 .
« » . « . 123840. . . . , 6. 2528 .. 3