



12S55—77

(. , 2UU7 .)

-		Ng J, 2, 3,		N9 J, 2, 3,
-	4, 5, 6	4, 5, 6,		
6			J9S1 ., 1983 ., 1987 .,	J9S3 ., 1985 .,
			1989 .	

(5 2007 .)

2	±0,3	±0,4	—
3	±0,4	±0,5	—
4		±0,6	±0,6
5	±0,5	±0,7	±0,7
6	±0,6	±0,8	±0,8
8	±0,8	±1,0	±1,0
10	±1,0	±1,2	±1,2
12			
16	±1,2	±1,6	±1,6
20	±1,5	±2,0	
25	±1,8	±2,2	—

(, . 1, 5, 6).

1.4. 50, , 5. 50, ,
2. ,

4 , 250 , 5000 :
4 250 5000 12855-77
, 4 , 250 , 5000 :
4 250 5000 12855-77
, 4 , 20 , 5000 :
4 20 5000 12855-77

8 :
0 8 12855-77

(, . 2, 3, 4, 5, 6).

2.

2.1.

2.2.

:
1,50 5 10 0,50 5 ; 0,75
; 20 1,00 250 250 20 ;
500 500 1 ();
1 2; 10 2 1 2
; 4 , 100
1 ;
5 , 1 ;

(, . 4, 5).
2.3.

0,3 , 3 . 1 2.
2.4.

.3.

			263
	55-70	70-80	
	56-65	70-80	20403
%	-2	100°	24 , %
	-3		9.030
	+5		

2.3, 2.4. (, . 5).
2.5. 982

(, . 2).
2.6. 5 • 10⁻⁴ % -

10 % 8

2.7. 1,2—1,4 / ³(,).

2.8. , .4.

		, °	15150
	(982, 10121)	60	, ,
	(5775)	100	
	(5 • 10 ⁻⁶ %)	55	, ,
	. (, . 2).	50	

(, . 2).
2.9. (, . 4).

2.10. -

.5.

1. (/ 2),			270, 2
	6,4 (65)	7,8 (80)	1
2. , %, -	200	160	270, 2
3.	55-70	70-80	263
4. , IRHD	56-65	70-80	20403

5.	50° 100°	24 , %, : 20% 30%	25	35 —	9.029,
6.		45° 50°	0,25	0,2 —	13808

(, . 2, 4, 5, 6).

2.11. — 12 , — 6 .

(, . 1, 2, 5).

2.12. (, . 4).

3.

3.1.

3000 ,

(, . 2, 4, 5).

3.2.

3.3.

—

;

3%

(, . 4, 5).

3.4.

:

3 .

;

— 5 .

— 5%

(, . 1, 4, 5).

3.5.

3.6. (, . 5).

4.

4.1. 11358.
 , , (300 ± 10) -
 , , 20 -
 , (500 ± 10) -
 7502 2- 427 10 1 -

(, . 5).
 4.2. . 2.2 2.3

(, . 4).
 4.3. - 1—6 . 5 , -

(, . 2).
 4.4. 3 -2

(, . 2, 5).
 4.5. 263 20403 ,

4.6. , , 2. -

(, . 6).
 4.7. (5,0 ± 0,5) • 10⁴%, (10 ± 2)%, (8,0 ± 0,1) . 9.026.

(, . 2).
 4.8. (, . 4).

5.

5.1. , , :
 - ;
 (,);

(, . 1, 2, 5, 6).
 5.2. , , 3 -

- 1868 , 17308, -
 , 4514, ,
 2991 (III), , 2228
 50 -
 63.30 9078 63.89 -
 9557.

26663.

1000 .

(
5.3. (, . 6).
5.4.

5.5. (, . 2).
5.6.

15152.

30 °

0° 25° .

5.7.

35 °

80 .

25 ° .

15 .

40° .

0 °

3

50° .

5.6, 5.7. (, . 5).
5.8.

6.

6.1.

6.2.

6.3.

6.1—6.3. (, . 4).

1.

2.

3.

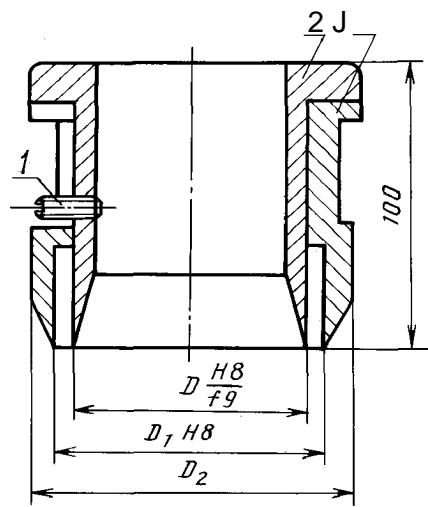
4.

5.

1-3.

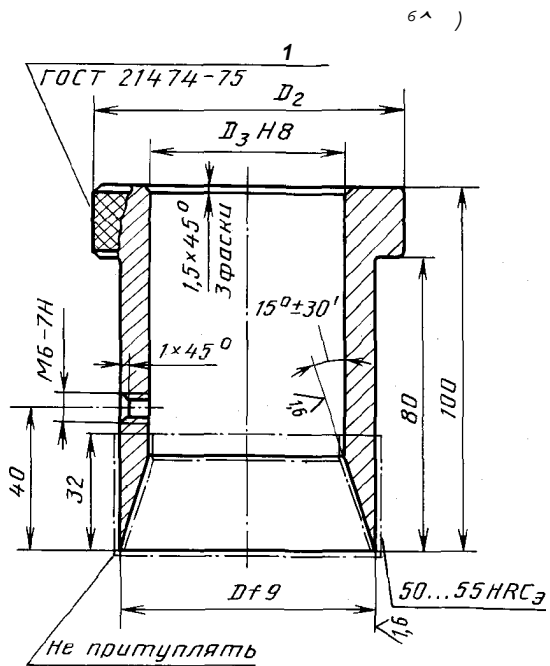
6

6

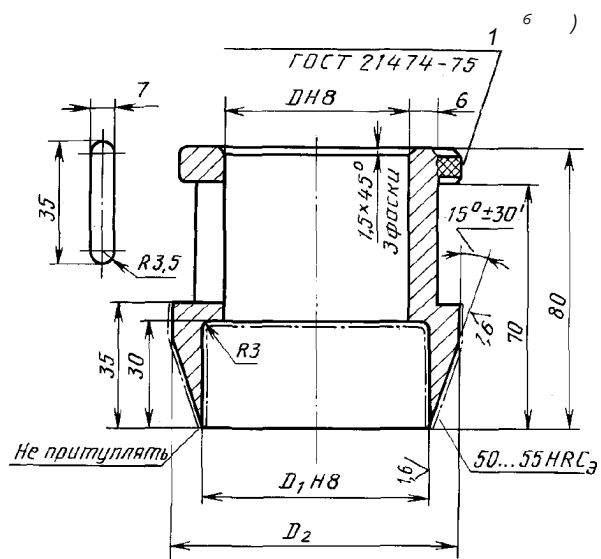


1 — 20.58 1477; 2 —
3 —

.1

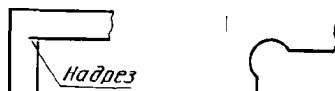


Черт. 2



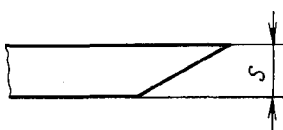
Черт. 3

1. 2, 3. 12, ± П14 ; 12, h12, ± П14
2. — .
3. — 7 1435.
- 6.
- . 4,



. 4

7. 5, 30° ± 5°
- (150 ± 3)°



. 5

1:1.

8981

38.401-67-108

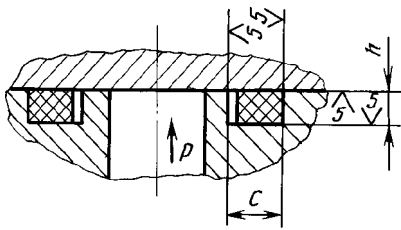
1:3.

2.0

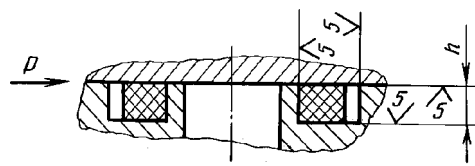
150

8.

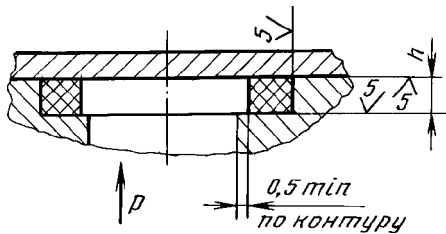
.6—14.



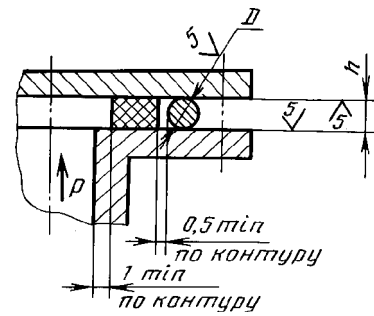
.6



Черт. 7



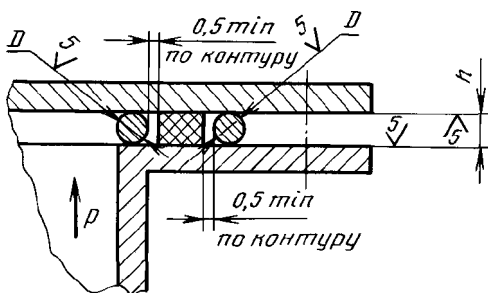
.8



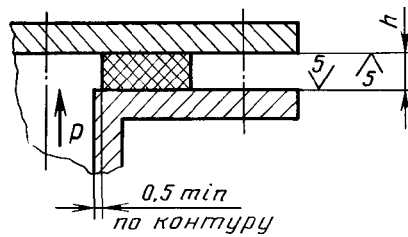
D—

3282,
 h_{min} h_{max}

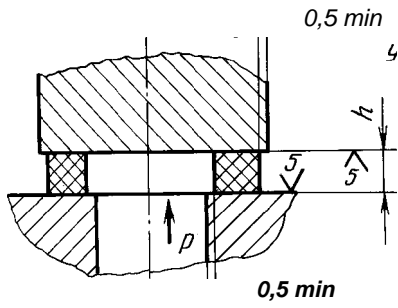
.9



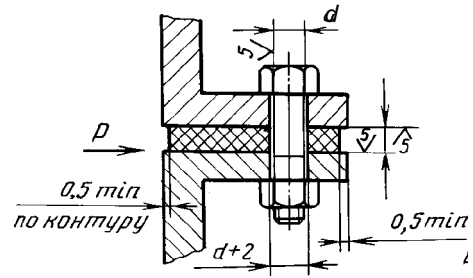
.10



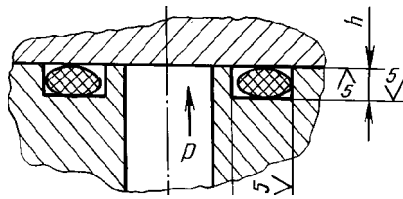
.11



. 12



. 13



. 14

. 6—8

20 % — 50 %, 200

0,5

()
9.

(. 6—8, 14) — 1 3;
(. 9—13) — 2 5.

10.
5% - 10%.
11.

20 % — 50 %.

(l) -

$$\Sigma = \frac{S - h}{S} \cdot 100,$$

S — ;
h — (. 6—10)
(. 11—13),

?=(10±1)

$$\mathcal{E} = \Delta \text{ — } \Delta \cdot 100, \quad \mathcal{E}_{\min} = \Delta_{\min} \text{ — } ;$$

$$\max \frac{d_{\max} - h_{\min}}{d_{\max}} \cdot 100; \quad h_{\min} = d_{\max}(1 - \Sigma_{\max});$$

$$\max d_{\min}(1 - \Sigma_{\min}).$$

20% — 50%, . . l_{min} = 0,2; E_{max} = 0,5

d_{mm} = 9, c_{l_{max}} = 11,

$$= H(1 - 0,5) = 5,5,$$

$$\hat{\Lambda} = 9(1 - 0,2) = 7,2,$$

$$:$$

$$= 6,2^{+1,0}_{-0,7}$$

1,1 —

$$*\hat{\Lambda} \cdot \min - \hat{\Lambda}^{11} \quad * \hat{\Lambda} 1 \cdot \max - \hat{\Lambda} \min * \hat{\Lambda} 7$$

$$\frac{3,14 * I_r}{4} = 95 \quad 2,$$

$$\frac{1,15_u}{\hat{\Lambda} \text{mit}} \cdot 1,1 \cdot 95 = 19,$$

$$5,5$$

.e.

19 .

12.

. 6—8

3 %,

25%.

13.

6

.6.

14.

15.

5 d

2

$$S < 0,75$$

15 b

$$S > 0,75$$

6

16.

17.

(. . 11—13)

(23— —

38 105290,

38 105771).

18.

19.

. 11.

20.

21.

10 .

22.

0 °

$$(25 \pm 10)^\circ$$

$$(50 \pm 3)^\circ$$

$$0^\circ$$

$$(60 \pm 5)^\circ$$

24

$$0^\circ$$

1. (

6).

1
(50,0 ± 1,0)),
(50,0 ± 1,0) ,
(24,0 ± 0,5)

-1500 -750 5
982 ((20,0 ± 1,0) (20,0 ± 1,0) -
30 3

0,15 10 859
(100 ± 2) ° 12,5 , -
-
-
-
-

10054 14.
2.(, 6).

- 1. -
- 2. -
- 3. 30.12.77 3154
12855-67
- 4. -

9.026-74	4.7	9078-84	5.2
9.029-74	2.10	9557-87	5.2
9.030-74	2.4, 2.10	10054-82	2
263-75	2.4, 2.10, 4.5	10121-76	2.8
270-75	2.10	11358-89	4.1
427-75	4.1	13808-79	2.10
859-2001	4.6, 2	15150-69	, 2.8
982-80	2.5, 2.8, 4.6	15152-69	5.4
1435-99	1	17308-88	5.2
1477-93	1	20403-75	2.4, 2.10, 4.5
1868-88	5.2	21474-75	1
2228-81	5.2	26663-85	5.2
2991-85	5.2	63.30-78	5.2
3282-74	1	63.89-88	5.2
4514-78	5.2	38 105290-81	1
5775-85	2.8	38 105771-85	1
7502-98	4.1	38.401-67-108-92	1
8981-78	1		

- 5. 2—92
(2—93) -
- 6. (2007 .) 1, 2, 3, 4, 5, 6 (6—81, 5—83, 3—84, 10—85, 10-87, 5-89)

28.11.2006. 05.02.2007. 60 84 86 93. 3662.

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« »— .« », 105062 , ., 6