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INTERSTATE COUNCIL FOR STANDARDIZATION, METROLOGY AND CERTIFICATION  
(ISC)

# IEC 60974-12- 2014

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(IEC 60974-12:2011, )



2015

**IEC 60974-12—2014**

1.0—92 «  
 1.2—2009 «  
 1 «  
 2 364 «  
 3 29 2014 . No 69- )  
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( 3166) 004-97	( 3166) 004- 07	no
	AM BY KG RO UA	-

4 2015 . 499- IEC 60974-12—2014 29  
 1 2016 .  
 5 IEC 60974-12:2011 Arc welding  
 equipment — Part 12: Coupling devices for welding cables ( 12.  
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1	.....	1
2	.....	1
3	.....	1
4	.....	1
5	.....	2
5.1	.....	2
5.2	.....	2
6	.....	2
7	.....	3
7.1	.....	3
7.2	.....	3
7.3	.....	3
7.4	.....	4
8	.....	4
8.1	.....	4
8.2	.....	4
9	.....	5
9.1	.....	5
9.2	.....	5
9.3	.....	5
9.4	.....	5
9.5	.....	5
9.6	.....	6
10	.....	6
11	.....	6
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Arc welding equipment. Part 12. Coupling devices for welding cables

— 2016—01—01

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2

( IEC 60050-151 International Electrotechnical Vocabulary — Part 151: Electrical and magnetic devices ( 151: ):  
IEC 60529 Degrees of protection provided by enclosures (IP Code) [ ( IP)]  
IEC 60974-1 Arc welding equipment — Part 1: Welding power sources ( 1. )

3

8 IEC 60050-151 IEC 60974-1.

3.1 (coupling device): ,

3.2 (retaining means): ,

3.3 (arc striking and stabilizing voltage): -

4

:

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- a) : -10 ° +40 ° ;
  - b) : 90 % 20 ° .
- 20 ° +55 °

5

5.1

40 . 10 °

- a) : 1 (±1 % ) ,

- b) : ±2 .

5.2

- a) :
- b) , . 8.1;
- c) , . 9.5;
- d) , . 7.2;
- e) , . 7.3.

6

40 \* .

1.

1 —

	60 V
10	125
10 16	150
16 2S	200
25 3S	250
35 S0	300
50 70	400
70 95	500
—	-

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7

7.1

2.

2—

				IEC 60529
	113	2.5	1 000	IP
	500	2.5	2 100	IP

7.2

2.5

a)

91 % 95 %.

20 \* 30

1

(/ 4) .  
b)

48

500

7.3

7.3.1

1000

50 60

1

1.45

7.3.2

0.2 8

50 300

20 %

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a)  
b)

7.4

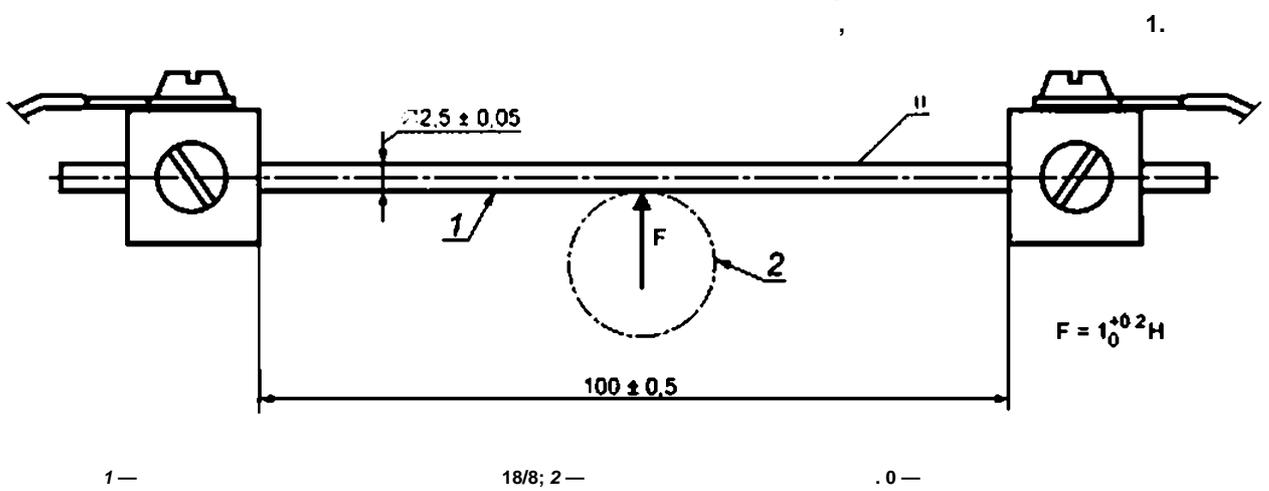
8

8.1

45

200

8.2



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( 25 )

Λ5

2

9

9.1

9.2

9.3

9.4

9.5

40

2

1

1

30

2000

5

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3.

3 —

	7	
25		1200
25 S0		1500
50		2000

9.6

10

- a)
- b)
- c)
- d)
- e)

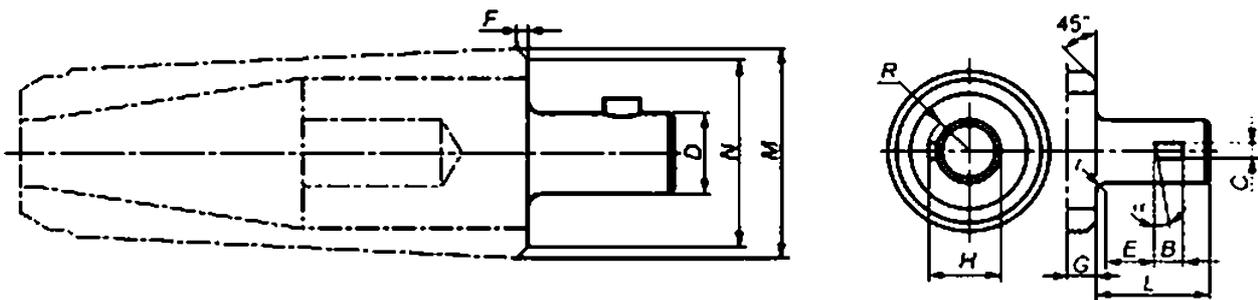
16 2,

11

- a)
- b)
- c)
- d)

( )

.1 .2 .1.



.1—

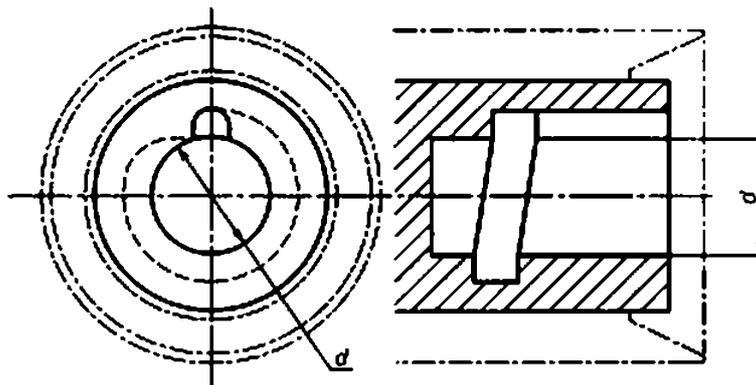


Рисунок А.2 — Гнездовой элемент

.1 .2 .1.

.1— .1 .2

		1	2	3
		4	5	1 *40'
		0.4	0.4	0.4
		0.08 -0.02	0.02	
$R$		6	8.7	10
$N$		16	27	30
		26	40	45
		11	15.5	17.5
		6.S	7	7

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.1

		1	2	3
<i>F</i>		2	2.5	6
*			$\sqrt{0.001}$	$1S^{+0.1}$
<i>D</i>		0.01 -0.1	$13^{+0.01}$ $13^{-0.1}$	« 1
		4.5	5.2	
		4.5	5.2	
<i>L</i>		12	20	26

IEC 60974-12—2014

( )

6 .1

IEC 60050-151 151:	—	•
IEC 60529 ( IP)		142S4—96 ( 529—89) , ( IP)
IEC 60974-1 1.	—	«
* • —	• •	- : :

**IEC 60974-12—2014**

**621.791:006.354**

**25.160.30**

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