



**27333-87**

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Nondestructive testing. Measurement of electrical conductivity of non-ferrous metals by eddy current method

1809

**01.07.88**

0,5 37 / .

**18353—79.****1.****1.1.**

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**40****1.1.1.**

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0,5 3 /

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3 37 /

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## 3.3.

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(2)

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$$1 - ( \quad , ) ;$$

$$2 - /$$

:

$$= - 7i \quad (2)$$

$$7i - 2 - ,$$

$$2 -$$

$$( \quad , , 0,1 )$$

$$0,01 / ).$$

$$= Ti + \quad (3)$$

$$= 2^{-2} \quad (4)$$

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3.5.

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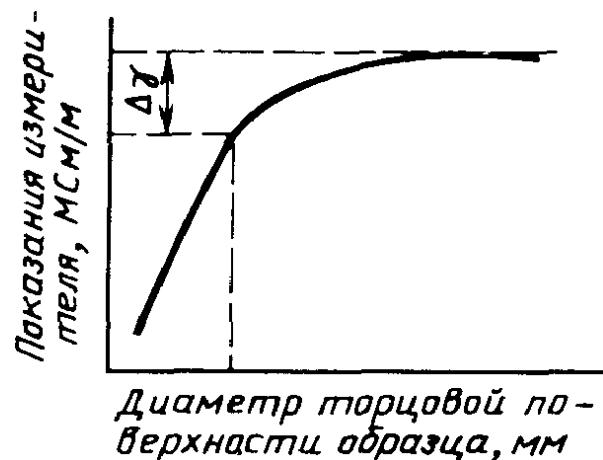
).

5%.

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 , 12  
 ,  
 20X20 ,  
 10 30 1 (10, 11, 12, 14, 16, 18, 20 ,  
 30 ), 1.5—2.0  
 1.2.

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,  
 " ) / — ( " ( . 1),



1.4.

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1.5.

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0,7

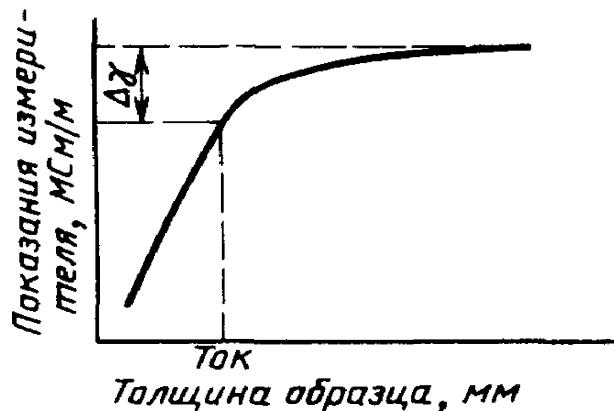
20X20 1 ,  
 0,5 2 (0,5; 0,6; 0,7; 0,8; 1,0; 1,5; 2,0 ),

30X30

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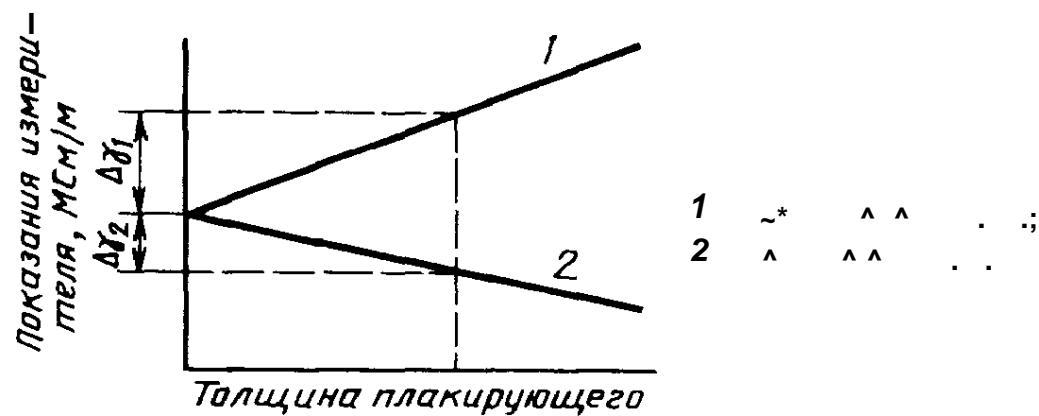
3.1.

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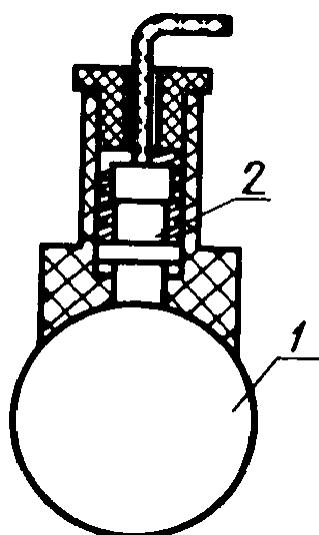
(

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± 5%.

4.2.

( . 4).



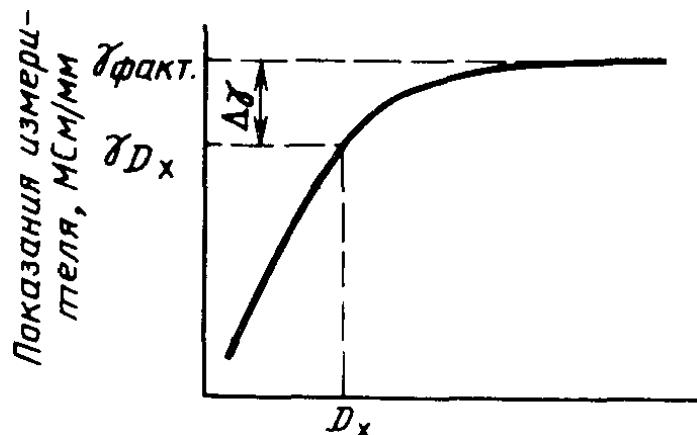
1 —

; 2 —

4

4.3.

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yDx

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4.5.

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32

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18,4

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32

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. 4.4.

yDx ~

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/ .

= 18,4 — 17,0 = 1,4

/ .

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= 16,2 / .

32 :

= 16,2 + 1,4 = 17,6 / .

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27333-87

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23.06.87 2305

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18353-79  
2789-73

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