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INTERSTATE COUNCIL FOR STANDARDIZATION, METROLOGY AND CERTIFICATION  
(ISC)

**32932—**

**2014  
(ISO  
3290-2:2008)**

**(ISO 3290-2:2008, MOD)**



2015

1.0—92 «  
 1.2—2009 «  
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 ( « »)  
 5  
 2 307 «  
 3 ( 29 2014 . No 69 - )

( 3166) 004—97	( 3166)004—97	
	AM BY KG RU UA	

4 2014 . No 1010- 32932—2014 (ISO 3290-2:2008) 08 -  
 01 2016  
 5 2:2008 Rolling bearings - Balls - Part 2: Ceramic balls ( ISO 3290-2.  
 ) 3 4  
 (ISO). ISO/TC 4 «  
 ( ).  
 (MOD)

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Федеральное агентство  
по техническому регулированию  
и метрологии

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и метрологии

Rolling bearings. Ceramic balls

— 2016—01—01

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2789-73  
24955-81  
25256-2013  
ISO 15241-2014

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24955 25256.

3.1 (nominal ball diameter):

3.2 (single ball diameter):

3.3 (mean ball diameter):

3.4 (variation of ball diameter):

3.5 (deviation from spherical ball surface):

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- ;
- ;

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3.5.1	(deviation from spherical form):	-
3.5.2	(waviness):	-
1		
2	( )	
3.5.3	(surface roughness):	-
3.5.4	(surface defect):	-
1		
2		
3.6	(ball lot):	-
3.7	(mean diameter of ball lot):	-
3.8	(variation of ball lot diameter):	-
3.9	(ball grade):	-
	G , G 20.	
3.10	(ball gauge):	-
1		
2	**	
3.11	(deviation of a ball lot from ball gauge):	-
3.12	(ball subgauge):	-
1		
2		
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3.13 (hardness): , -

3.14 (interval of bai\* gauge):

3.15 (interval of ball subgauge): -

## 4

ISO 15241.

\* - ;  
 0 - ;  
 $D_{MVR4>}$  - ;  
 G - ;  
 $I_s$  - ;  
 $I_{SS}$  - ;  
 Ra - 2789:  
 5 - ;  
 $Vd^*i$  - ;  
 $Vd»i$  - ;  
 \* - ;  
 5 - .  
 - & = - (0\* + S).

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### 5.1

1.

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0.		0		*		0-	
0.300	-	5.500	-	12.700	1/2	26.000	-
0.397	1/64	5.556	7/32	13.000	-	26.194	1 1/32
0.400	-	5.953	15/64	13.494	17/32	26 988	11/16
0.500	-	6.000	-	14.000	-	28.000	-
0.508	1/50	6.350	1/4	14.288	9/16	28.575	1 1/8
0.600	-	6.500	-	15.000	-	30 000	-
0.635	1/40	6.747	17/64	15.081	19/32	30.162	1 3/16
0.680	-	7.000	-	15.875	5/8	31.750	1 1/4
0700	-	7.144	9/32	16.000	-	32 000	-
0.794	1/32	7.500	-	16.669	21/32	33.000	-
0.800	-	7.541	19/64	17.000	-	33.338	1 5/16
1.000	-	7.938	5/16	17.462	11/16	34 000	-
1.191	3/64	8.000	-	18.000	-	34.925	1 3/8
1.200	-	8.334	21/64	18.256	23/32	35.000	-
1.500	-	8.500	-	19.000	-	36 000	-
1.588	1/16	8.731	11/32	19.050	3/4	36.512	1 7/16
1.984	5/64	9.000	-	19.844	25/32	38.000	-

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0.		0.		0.		0.	
2.000	-	9.128	23/64	20.000	-	38.100	1 1/2
2.381	3/32	9.500	-	20.500	-	39.688	1 9/16
2.500	—	9.525	3/8	20.638	13/16	40.000	—
2.776	7/64	9.922	25/64	21.000	-	41.275	1 5/8
3.000	-	10.000	-	21.431	27/32	42.862	1 1/16
3.175	1/8	10.319	13/32	22.000	—	44.450	1 3/4
3.500	-	10.50	-	22.225	7/8	45.000	-
3.572	9/64	11,000	-	22.500	-	46.038	1 13/16
3.969	5/32	11.112	7/16	23.000	—	47.625	1 7/8
4.000	-	11.500	-	23.019	29/32	49.212	1 15/16
4.366	11/64	11 S09	29/64	23.812	15/16	50.000	-
4.500	—	11.906	15/32	24.000	—	50.800	2
4.763	3/16	12.000	-	24.606	31/32	53.975	2 1/8
5.000	-	12.303	31/64	25.000	-	55.000	-
£.159	13/64	12.500	-	25.400	1	57.150	2 1/4
- 1		= 25.4					

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**2789.**

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G 3	0.08	0.08	0.010
G 5	0,13	0.13	0.014
G 10	0,25	0.25	0,020
G 16	0.40	0.40	0.025
G 20	0.50	0.50	0,032
G 24	0.60	0.60	0.040
G 28	0.70	0.70	0.050
G 40	1.00	1.00	0,060
G 60	1.50	1.50	0.080
G 100	2.50	2.50	0.100

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G 3	0.13	0.5	-5.. .. -0,5,	0,	0.5...>5	0.1	-0.2. -0.1.	0,	0.1,	.
G 5	0.25	1	-5.. ..-1,	0.	1...>5	0,2	-0,4. -0.2.	0.	0.2,	.4
G 10	0.50	1	-9.. .. -1.	0,	1,..>9	0.2	-0.4. -0.2.	0.	0.2.	«0.4
G 16	0.80	2	•10,.. ..*2.	0.	2...>10	0,4	-0.8. -0.4.	0.	0.4,	.
G 20	1.00	2	•10.. ..-2,	0,	2...>10	0.4	•0.8. -0.4,	0.	0.4,	.
G 24	1,20	2	•12.. .. - 2 ,	0 ,	2,..>12	0.4	•0,8. -0.4.	0,	0.4,	.
G 28	1.40	2	•12.. ..-2.	0.	2...>12	0.4	•0.8. -0.4.	0.	0.4,	.
G 40	2.00	4	•16,.. ..*4,	0,	4...>16	0.8	-1,6. -0.8.	0.	0.8,	l.e
G6C	3.00	6	•18,.. ..-6,	0.	6,..>18	1.2	-2.4.-1.2.	0.	1,2.	^2.4
G 100	5.00	10	-40... ..*10.	0.	10...>40	2	-4. -2.	0.	2.	+4

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no ISO 26602 [1].

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ISO 12181-1 [2].

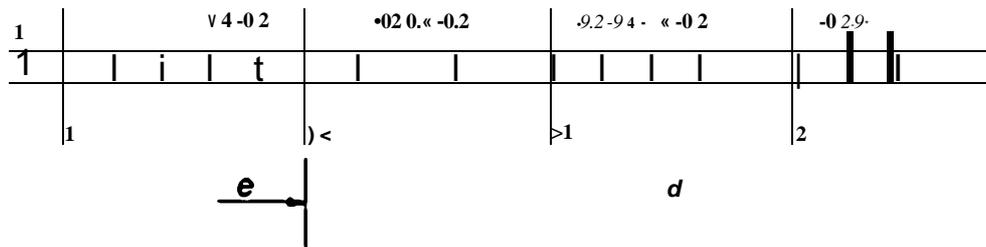
ISO 4291 [3].

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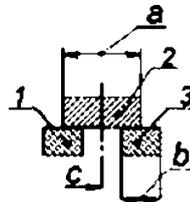


- d - ; 6 - : - Q\* :

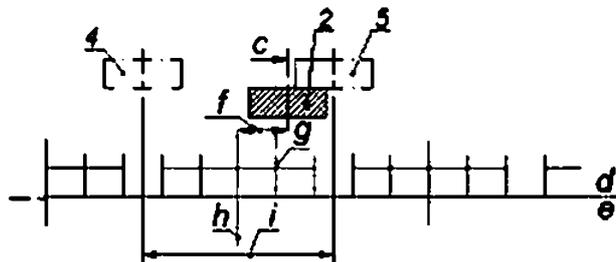
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hh-H hhhH l~d



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2	<p>ISO 1132-1 « . . . . . 1. »</p> <p>25256-2013<sup>11</sup> « . . . . . »</p> <p>ISO 5593 « . . . . . »</p> <p>24955-81<sup>11</sup> « . . . . . »</p> <p>ISO 4288 « . . . . . (GPS). »</p> <p>2789-73<sup>11</sup> « . . . . . »</p>
- NEQ.	

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«3.14

(interval of ball gauge):

3.15	(interval of ball subgauge):
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«/s -

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[1] 26602-2009\*

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(Fine ceramics (advanced ceramics, advanced technical ceramics) - Silicon nitride materials for rolling bearing balls)

[2] 12181-1:2011\*

(GPS). 1.

(Geometrical Product Specifications

(GPS) - Roundness - Part 1: Vocabulary and parameters of roundness)

[3] 4291:1985\*

(Methods for

the assessment of departure from roundness — Measurement of variations in radius)

621.822.6:006.354

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467000,  
468000,  
469000

461000, MOD

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16.03.2015. 60x84V\*  
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123995 . ., 4.  
www.gostinfo.nj info@gostinfo.ru