



SLOVENSKI STANDARD

SIST EN 2360:2001

01-januar-2001

Aerospace series - Fork-ends for rolling bearings in corrosion resisting steel swaged on type, control cable - Dimensions and loads

Aerospace series - Fork-ends for rolling bearings in corrosion resisting steel swaged on type, control cable - Dimensions and loads

Luft- und Raumfahrt - Seilschuhe mit Gabel für Kugellager aus korrosionsbeständigem Stahl zum Aufquetschen auf Steuerseile - Maße und Belastungen

Série aérospatiale - Embouts a chape pour roulements en acier résistant a la corrosion a sertir sur câbles de commandes - Dimensions et charges

<https://standards.iteh.ai/catalog/standards/sist/324a216b-c26e-43a3-b06e-2da914f4d81c/sist-en-2360-2001>

Ta slovenski standard je istoveten z: EN 2360:1988

ICS:

49.035	Sestavni deli za letalsko in vesoljsko gradnjo	Components for aerospace construction
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en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 2360

September 1988

UDC : 629.7.05 : 621.854 : 621.85.052.004.1

Key words : Aircraft industry, flight control, flexible cable, cable-end, crimping end piece, dimensions, breaking loads.

English version

**Aerospace series
Fork-ends for rolling bearings
in corrosion resisting steel
swaged on type, control cable
Dimensions and loads**

Série aéronautique
Embouts à chape pour roulements
en acier résistant à la corrosion
à sertir sur câbles de commandes
Dimensions et charges

Luft- und Raumfahrt
Seilschuhe mit Gabel für Kugellager
aus korrosionsbeständigem Stahl
zum Aufquetschen auf Steuerseile
Maße und Belastungen

SIST EN 2360:2001

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to CEN Central Secretariat has the same status as the official versions.


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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat : Rue Bréderode 2, B-1000 Bruxelles

Brief History

This draft European Standard has been prepared by the European Association of Aerospace Manufacturers (AECA). 

After enquiries and votes carried out in accordance with the rules of this Association, this draft has successively received the approval of the National Associations and the Official Services of the member countries of AECA, prior to its presentation to CEN.

In accordance with the Common CEN/CENELEC Rules, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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1 Scope and field of application

This standard specifies the characteristics of corrosion resisting steel fork-ends with rolling bearings, as specified in EN 2012, EN 2013 and EN 2014, for swaging on to aircraft control cables.

2 References

- ISO 2020, Aerospace - Mechanical system parts - Preformed flexible steel wire rope for aircraft controls - Technical specification
- EN 2012, Aerospace series - Bearings-Airframe rolling, rigid, single row ball bearings, in steel - Diameter series 0 and 2 - Dimensions and loads
- EN 2013, Aerospace series - Bearings-Airframe rolling, rigid, single row ball bearings, in steel, cadmium plated - Diameter series 0 and 2 - Dimensions and loads
- EN 2014, Aerospace series - Bearings-Airframe rolling, rigid, single row ball bearings, in corrosion resisting steel - Diameter series 0 and 2 - Dimensions and loads
- EN 2465, Steel FE-PA 11 - Softened - Bars $D_e < 100$ mm - Aerospace series
- EN 2516, Aerospace series - Passivation of corrosion resistant steels 1)
- EN 2569, Aerospace series - Control cable fittings and turnbarrel assemblies - Technical specification 1).

3 Required characteristics

3.1 Dimensions - Tolerances - Loads - Mass

The configuration shall correspond to the figure and the dimensions shall conform to the values given in the figure and the table.

3.2 Surface roughness

3.3 Material

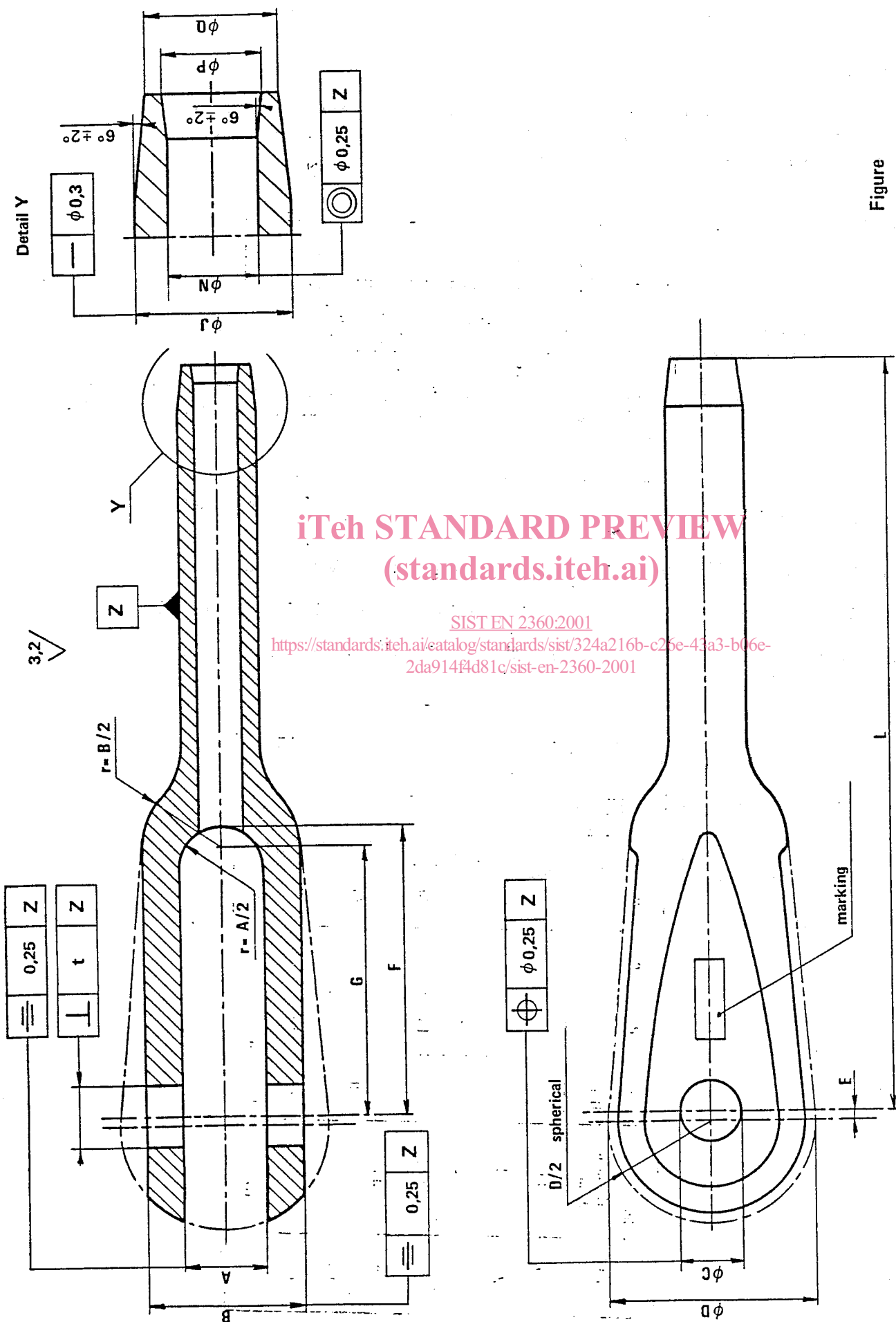
Steel EN 2465.

3.4 Surface treatment

Passivation EN 2516.

See figure.

1) In preparation



Figure

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Table

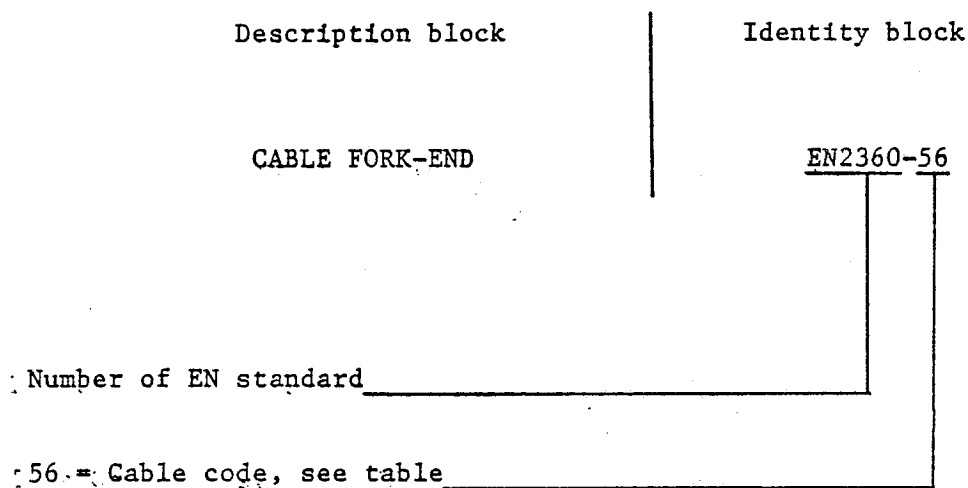
Dimensions in millimetres

Code	Cable Nominal diameter	A	B	C	D	E	F	G	J	L	N	P	Q	t	Mass g	Minimal breaking load kN 1)
16	1,6	11	12	5	19	1	27	25	4,06	55	1,98	2,3	3,50	0,15	20,2	2,15
24	2,4	7	12	5	19	1	27	25	5,54	59	2,77	3	4,83	0,15	22	4,45
32	3,2	7	14	6	20	1	28	26	6,35	66	3,58	3,9	5,56	0,20	31,6	8,90
40	4	8	15	6	20	1	28	26	7,54	73	4,37	4,8	6,35	0,20	36,7	12,45
48	4,8	9	16	8	25	1,5	33	31	9,12	82	5,15	5,7	7,95	0,20	57,5	18,60
56	5,6	9	16	8	25	1,5	33	31	10,84	85	5,94	6,6	9,52	0,20	66,3	24,90
64	6,4	10	18	10	29	1,5	35	32,5	12,55	90	6,73	7,4	11,12	0,20	89,2	31,20

1) Equal to the one of the cable used according to ISO 2020.

4 Designation

Each fork-end with rolling bearings for swaging on to cables shall only be designated as in the following example :



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Note : If necessary, originator code S9005 may be introduced between the description block and identity block.

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5 Marking

In addition to the manufacturer's own marking, each fork-end with rolling bearings for swaging on to cables shall be marked (see figure) using the identity block as defined in clause 4 of this standard.

The marking method is at the manufacturer's option.

6 Technical specification

The fork-ends with rolling bearings for swaging on to cables supplied according to this standard shall conform with the requirements of EN 2569.