

BS ISO 6166:2013



BSI Standards Publication

Securities and related financial instruments — International securities identification numbering system (ISIN)

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National foreword

This British Standard is the UK implementation of ISO 6166:2013. It supersedes BS ISO 6166:2001 which is withdrawn.

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A list of organizations represented on this committee can be obtained on request to its secretary.

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**INTERNATIONAL
STANDARD**

**ISO
6166**

Seventh edition
2013-07-15

**Securities and related financial
instruments — International
securities identification numbering
system (ISIN)**

*Valeurs mobilières et autres instruments financiers concernés —
Système international de numérotation pour l'identification des
valeurs mobilières (ISIN)*



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2. www.iso.org/directives

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The committee responsible for this document is ISO/TC 68, *Financial services*, Subcommittee SC 4, *Securities and related financial instruments*.

This seventh edition cancels and replaces the sixth edition (ISO 6166:2001), which has been extended to cover necessary technical changes, the Registration Authority function as well as the usage of the ISIN record.

Introduction

With the rapid expansion of the international securities business, there is a need for a universally applicable international securities identification number (ISIN).

No worldwide numbering system existed at the time of the publication of the first edition of this International Standard. Countries with a developed securities business identified issues of securities by means of code numbers, which are without any significance outside the country concerned. Securities of the same issue are identified by means of different numbers in the country where they are physically held and/or booked. As a result, the national numbers may not be applicable in cross-border transactions.

Because of its strong rationalization effect, an internationally applicable numbering system substantially facilitates and supports international securities business. Such a system is provided by this International Standard. Since the publication of the first edition of this International Standard, the Registration Authority (RA) relies on the work of national numbering agencies (NNAs) which play an integral role in this rationalization effort and in the implementation of this International Standard.

In preparing this International Standard, care has been taken to conserve the national systems to the maximum possible extent, not only because of the good routine and valuable experience collected in this field but also to facilitate the adoption of the worldwide system. Moreover, it is aimed at creating a system which is easy to apply internationally and at establishing an information network which ensures that the required information can be obtained worldwide immediately.

Securities and related financial instruments — International securities identification numbering system (ISIN)

1 Scope

This International Standard provides a uniform structure for the identification of fungible and non-fungible securities and financial instruments (see [Annex A](#)) using a unique identification number and associated minimum descriptive data (see [Annex B](#)).

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 3166 (all parts), *Codes for the representation of names of countries and their subdivisions*

ISO 4217, *Codes for the representation of currencies and funds*

ISO 10962, *Securities and related financial instruments — Classification of financial instruments (CFI code)*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

fungible

equivalent, substitutable, interchangeable, and not individualized

Note 1 to entry: A fungible financial instrument ranks *pari passu* in all respects with a different version of the same financial instrument and can be exchanged into the other version and *vice versa* at any time.

3.2

ISIN

international securities identification number

alphanumeric code which uniquely identifies a specific security or other financial instrument

3.3

ISIN record

record which uniquely identifies a specific security or other financial instrument and consists of the ISIN and the minimum descriptive data elements

Note 1 to entry: For the minimum descriptive data elements, see [Annex B](#).

3.4

ISIN guidelines

internal document developed and maintained by the Registration Authority to promote a uniform process for allocation, registration, and dissemination of the ISIN to the financial markets

3.5

negotiable

(legal ownership of financial instrument) readily transferable from one counterparty to another by delivery or endorsement

4 Principles

4.1 Constituents

The ISIN shall consist of the following:

- a) a prefix using the alpha-2 country code specified in ISO 3166, a prefix “XS” as specified in [Annex A](#), or other prefixes (refer to the Registration Authority website for a complete list of ISIN prefixes);
- b) the basic number, which is nine characters (alphanumeric) in length. Where the existing national number consists of nine characters, this number may be used; where the existing national number consists of fewer than nine characters, this also may be used, but zeros shall be inserted in front of the national number. Where a national check digit exists, it shall be regarded as part of the basic number within the nine characters;
- c) a check digit, computed using the modulus 10 “double-add-double” formula as specified in [Annex C](#).

4.2 Financial instruments for which the ISIN is allocated

At a minimum, the ISIN is allocated to financial instruments (see [Annex A](#)) identified in ISO 10962 with the following principles.

- a) Equities, debt instruments, entitlements, and structured products

The ISIN is allocated when the financial instrument is negotiable.

- b) Derivatives

The ISIN is allocated to those instruments that are traded in their own right, regardless of whether or not the underlying instrument may have been assigned an ISIN.

- c) Referential instruments

The ISIN is allocated to these entities, which are not financial instruments, when they are underlying or reference assets to financial instruments.

- d) Others (combined instruments, other assets)

For the group “combined instruments”, the ISIN is allocated when they are traded. The group “other assets (insurance policies, real estate deeds, etc.)” may be identified by an ISIN.

5 Registration Authority (RA)

5.1 Name and contact details of the RA

The name and contact details of the organization acting as RA for this International Standard can be found at http://www.iso.org/iso/maintenance_agencies.htm#6166.

Requests for information and enquiries about this International Standard and its implementation may be directed to the RA.

5.2 Service provision

The RA is responsible for the provision of the following services:

- a) to promote and make all efforts to ensure the proper use of this International Standard and uniqueness of ISINs allocated;
- b) to support the exchange of ISINs and the provision of the ISIN record (see [Annex B](#)) to users;

- c) to continuously adapt the ISIN guidelines for allocation and registration of ISINs to meet the needs of the market;
- d) to respond to enquiries and information requests related to this International Standard in a timely manner.

6 ISIN allocation

6.1 General

The RA shall ensure that ISINs are allocated following the principles of [Clause 4](#) of this International Standard and in accordance with the details described in [Annex A](#).

ISINs shall be assigned in a timely manner in order to meet the market needs (see [Annex D](#)).

6.2 Existing ISINs and existing securities without ISINs

All existing ISINs assigned in accordance with previous editions of this International Standard shall remain unchanged. However, the allocation of ISINs for existing securities and financial instruments without ISINs shall be based on the most recent edition.

Annex A (normative)

ISIN allocation

Category	Type of issue	Prefix
Equities	Shares — ordinary, convertible, preferred, preference shares, and others	Alpha-2 country code of the country where the issuer is legally registered or, in the absence of registration, has their legal domicile
	Depository receipts — representing equities	The rules applicable to the underlying equities also apply to this instrument type
	Units — investment trusts, mutual funds, and hedge funds	Alpha-2 country code of the country where the issuer is legally registered or, in the absence of registration, has their legal domicile
Debt instruments	All debt instruments including Treasury bills — the depot of all such securities upon issuance is made with the Central Securities Depository (CSD) of one country	Alpha-2 country code of the country of the CSD
	— the depot of all such securities upon issuance is made with the CSD of more than one country or with an International Central Securities Depository (ICSD)	XS
	— private placements where there is no depot of such securities with a CSD or ICSD	Alpha-2 country code of the country where the issuer is legally registered or, in the absence of registration, has their legal domicile
	Stripped coupons and principal — official stripping (the stripping is made under the responsibility of the issuer)	The rules applicable to the underlying debt instruments also apply to official stripping
	— unofficial stripping (the stripping is made at the initiative of a third party other than the issuer)	Alpha-2 country code of the country of the entity that strips the issue
	Depository receipts — representing debt instruments	The rules applicable to the underlying debt instruments also apply to this instrument type
	Bank loans	At the discretion of the bank agent

Category	Type of issue	Prefix
Entitlements (Rights)	Rights — allotment (bonus), subscription, purchase rights, and others	Alpha-2 country code of the country where the issuer is legally registered or, in the absence of registration, has their legal domicile
	Warrants — not attached to debt instruments	Alpha-2 country code of the country where the issuer is legally registered or, in the absence of registration, has their legal domicile
	— originally issued with debt instruments	The rules applicable to debt instruments also apply to this instrument type
Derivatives	Options	Alpha-2 country code of the country of the exchange issuing the specific option contract
	Futures	Alpha-2 country code of the country of the exchange issuing the specific future contract
	Swaps	Alpha-2 country code of the country of the exchange issuing the swap
	CFDs (Contracts for difference)	Alpha-2 country code of the country of the exchange issuing the CFD
Structured products	All structured products — the depot of all such securities upon issuance is made with one or more CSD(s) or there is no depot of all such securities upon issuance with a CSD or ICSD	Alpha-2 country code of the country where the issuer is legally registered or, in the absence of registration, has their legal domicile
	— the depot of all such securities upon issuance is primarily made with an ICSD	XS
Referential instruments	Commodities	Alpha-2 country code of the country of the exchange trading the commodity
	Currencies — as defined in ISO 4217	Alpha-2 country code of the country of the issuer. In case of cross rates, the prefix should correspond to the Alpha-2 country code of the country of the issuer of the fixed currency of the ratio
	Indices — referential indices used in the financial sector and calculated by financial institutions (Stock Exchanges and others)	Alpha-2 country code of the country of the originator
	Interest rates — referential interest rates, as defined by term and currency, used in the financial sector and calculated by financial institutions	Alpha-2 country code of the country of the originator
Others	Combined instruments	Alpha-2 country code of the country of the issuer
	Other assets	Discretion of the requestor

Annex B (normative)

Minimum descriptive elements for each category/issue type

	Equities — Shares/ depository receipts	Equities — Units	Debt instru- ments	Entitle- ments (Rights)	Deriva- tives — Options	Deriva- tives — Futures	Deriva- tives — Swaps/ CFDs	Struc- tured pro- ducts	Referential instru- ments	Others
ISIN	M	M	M	M	M	M	M	M	M	M
Issuer long name	M	M	M	M	M	M	M	M	M	M
Issue description	M	M	M	M	M	M	M	M	M	M
Nominal value	C									
Currency	C	C	C	C	C	C		C	C	
Interest			C							
Maturity			C	C	C	C	C	C		
Strike					C	C				
Call/Put					C					
Underlying security					C	C	C	C		

M = mandatory

C = conditional

Additional data elements for all instruments:

Old and new ISIN after a change of issue/issuer domicile: **M**

The conditional elements (“C”) are only to be delivered if the information is not part of the issue description¹⁾.

Other instruments (combined instruments, other assets) not covered by this list shall be governed by the ISIN guidelines.

1) The issue description may or may not refer to other International Standards such as, but not limited to, ISO 10962 (CFI code), ISO 18773 (Abbreviations), and ISO 18774 (Financial Instrument Short Name).

Annex C (normative)

Formula for computing the modulus 10 “double-add-double” check digit

The following steps are involved in the calculation of the modulus 10 “double-add-double” check digit.

a) Step 1: Alphabetic characters are assigned the numeric values shown in the following table.

Character	Value	Character	Value	Character	Value	Character	Value	Character	Value
A	10	F	15	K	20	P	25	U	30
B	11	G	16	L	21	Q	26	V	31
C	12	H	17	M	22	R	27	W	32
D	13	I	18	N	23	S	28	X	33
E	14	J	19	O	24	T	29	Y	34
								Z	35

- b) Step 2: Double the value of alternate digits beginning with the first right-hand digit (low order), including zeros.
- c) Step 3: Add the individual digits comprising the products obtained in step 2 and each of the unaffected digits in the original number.
- d) Step 4: Subtract the total obtained in step 3 from the next higher number ending in 0 [this is the equivalent of calculating the “tens complement” of the low order digit (unit digit) of the total]. If the total obtained in step 3 is a number ending in zero (30, 40, etc.), the check digit is 0.

EXAMPLE 1 IBEX 35 (ES0SI0000005)

E	S	0	S	I	0	0	0	0	0	0
<u>14</u>	<u>28</u>	<u>0</u>	<u>28</u>	<u>18</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
21	21	2	12	12	1	2	1	2	1	2
24	48	0	216	116	0	0	0	0	0	0

$$2 + 4 + 4 + 8 + 0 + 2 + 1 + 6 + 1 + 1 + 6 + 0 + 0 + 0 + 0 + 0 + 0 = 35$$

Check digit 5

—

40

EXAMPLE 2 Hitachi Ltd. Shares (JP3788600009)

J	P	3	7	8	8	6	0	0	0	0
<u>19</u>	<u>25</u>	<u>3</u>	<u>7</u>	<u>8</u>	<u>8</u>	<u>6</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
21	21	2	1	2	1	2	1	2	1	2
29	45	6	7	16	8	12	0	0	0	0

$$2 + 9 + 4 + 5 + 6 + 7 + 1 + 6 + 8 + 1 + 2 + 0 + 0 + 0 + 0 = 51$$

Check digit 9

—

60

EXAMPLE 3 Allianz Finance II 5 3/8 % without expiration date (DE000A0GNPZ3)

D	E	0	0	0	A	0	G	N	P	Z
<u>13</u>	<u>14</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>10</u>	<u>0</u>	<u>16</u>	<u>23</u>	<u>25</u>	<u>35</u>
12	12	1	2	1	21	2	12	12	12	12
16	18	0	0	0	20	0	112	26	210	310

$$1 + 6 + 1 + 8 + 0 + 0 + 0 + 2 + 0 + 0 + 1 + 1 + 2 + 2 + 6 + 2 + 1 + 0 + 3 + 1 + 0 = 37$$

Check digit 3

—

40

Annex D (normative)

Basic information and minimum descriptive data elements

In order to ensure the unique identification of the financial instruments, the originator shall submit an application for allocation of an ISIN together with comprehensive documentation, i.e. relevant legal documents (e.g. prospectus, legal offering document, regulatory notification, term sheet). Where no legal documents are available, descriptive data elements shall be provided by the originator for options, futures, swaps, CFDs, referential instruments, and others, including such additional information as may be requested.

Annex E (informative)

Examples

Type	Issue description	Issuer or origin	Issuer's country	Initial securities depository	ISIN prefix	ISIN
Equities — Shares	Com stk	Hitachi Ltd., Tokyo	JP	CSD	JP	JP3788600009
Equities — Depository receipts	BDRS(ISS Barcl Bank-Units 1/20th sh)	Motors Liquidation Co.	GB	CSD	GB	GB0003658282
Equities — Units	Inhaber-Anteile	Union-Investment-gesellschaft GmbH, Frankfurt a.M.	DE	CSD	DE	DE0008491002
Debt instruments — All	EO-Bonds 2006(11/Und.).	Allianz Finance II B.V.	NL	CSD	DE	DE000A0GNPZ3
Debt instruments — ICSD	EURO issue bond EUR 0 183300000	Residential Mortgage Sec//A2C/REGS	GB	ICSD	XS	XS0203542088
Debt instruments — Private placements, no CSD/ICSD	Tranche # TR 00528 Dtd03/20/02	General Elec Cap Corp MediumTerm Nts Book Entry	US	CSD	US	US36962GXZ26
Debt instruments — Official strips	Principal Certificate on Stripped Gvmt Bonds OAT 0 %250423 PPMT 8,5 %23 EUR 1	France Emprunt d'Etat	FR	CSD	FR	FR0000571077
Debt instruments — Unofficial strips	Series 11-Stripped Coupon on 11,25 % 2015 Treasury Bond	EasyGrowth Treasury Receipts	US	CSD	US	US277847UB38
Debt instruments — Depository receipts	Wal-Mart Stores Inc -ADR VTO.2013	Deutsche Bank S.A.	AR	CSD	AR	ARDEUT112760
Debt instruments — Bank loans	Longer Than 364-Day Revolver Syndicated Bank Loan	Merck & Co. Inc.	US	—	US	US58933PAK03
Entitlements (Rights) — Rights	Subscription shs GBP0.00001	Perpetual Income & Growth Investm Tr	GB	CSD	GB	GB00B078RW73

Type	Issue description	Issuer or origin	Issuer's country	Initial securities depository	ISIN prefix	ISIN
Entitlements (Rights) — Warrants not attached	Share Warrant Per. Acq.Act<230922	Publicis Groupe S.A.	FR	CSD	FR	FR0000312928
Entitlements (Rights) — Warrants attached	OS 30.12.17 Biofron. 5	Biofrontera AG	DE	—	DE	DE000A0Z17B9
Derivatives — Options	MEFF/OPC 12 2014 CPRA IBEX 10200	MEFF Renta Variable - S.A.	ES	—	ES	ES0A00511519
Derivatives — Futures	(8-5-10-5 Jahre) Langfristig	Euro-Bund-Future	DE	—	DE	DE0009652644
Derivatives — Swaps	Swap	CME Overnight Index Swaps USD Effective Overnight Federal Funds Rate	US	—	US	US12573K1079
Derivatives — CFDs	US SPX 500 USD CFD	LMAX	GB	—	GB	GB00B3WZ1
Structured products — Depot upon issuance not with ICSD	ZKB Tracker-Cert. 2012-Open End on ZKB Meinindex Nachhaltigkeit Pazifik Index	Zuercher Kantonalbank	CH	CSD	CH	CH0107166065
Structured products — Depot with ICSD	Open End Certificate (2007/unlimited) on Brent Crude Oil Futures	The Royal Bank of Scotland PLC	GB	—	XS	XS0313614355
Referential instruments — Commodities	Gold Coins Vreneli	Swiss National Bank	CH	—	CH	CH0002813860
Referential instruments — Currencies	New Turkish Lira	Central Bank of the Republic of Turkey	TR	—	TR	TRLTCMB00045
Referential instruments — Indices	IBEX 35	Sociedad de Bolsas, S.A.	ES	—	ES	ES0SI0000005
Referential instruments — Interest rates	3 Monate	Euribor (Eur) 3 Monate	EU	—	EU	EU0009652783
Others — Combined instruments	Stapled Preferred Security	Westpac Banking Corporation	AU	—	AU	AU0000WBCPA7
Others — Other assets	Gemischte-Police	Skandia Leben (FL)	LI	—	LI	LI0024807526

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