
**Cutting tool data representation and
exchange —**

Part 1:

**Overview, fundamental principles and
general information model**

AMENDMENT 1

*Représentation et échange des données relatives aux outils
coupants —*

ISO 13399-1:2006/Amd 1:2010

00111ed/14/Am1/13399-1-2006-amd-1-2010

d'informations

entaux et modèle général

AMENDEMENT 1



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Amendment 1 to ISO 13399-1:2006 was prepared by Technical Committee ISO/TC 29, *Small tools*.

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Part 1:

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AMENDMENT 1

Page 6, 5.1.2

Add the following application object as the first indent:

— fitting_bounds

Page 14, 5.2.11

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Page 42, 5.2.58

Replace this subclause with the following:

5.2.58 grade

A grade is a label for the final composition of the cutting item material substrate or substrate and coating.

5.2.58.1 coating

The coating specifies the coating of the grade.

5.2.58.2 cutting_condition

The cutting_condition specifies the relevant cutting conditions for the grade.

5.2.58.3 identifier

This is an identifier for the grade.

5.2.58.4 standard_designation

A standard_designation is a designation for the grade based on a standard.

5.2.58.5 substrate

The substrate specifies the s

5.2.58.6 workpiece_mate

The workpiece_material spe

Page 43, 5.2.60

Replace the first paragraph

5.2.60 item

An item is either a single obj
versions of the object. An
'assembly item' using a spe
one version of the item, the i

Page 44, 5.2.61

Replace this subclause with

5.2.61 item_characteristi

An item_characteristic_asso

ENTITY item_characteri

associated_charact

associated_item

relation_type

END_ENTITY;

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Add the following subclause.

5.2.61.3 relation_type

The relation_type specifies the meaning of the relationship. Where applicable, the following values shall be used:

- 'has characteristic': The relationship indicates that the item possesses the related characteristic.
- 'is related to': The relationship indicates that the item is related to the characteristic.
- 'used for': The relationship indicates that the item may be used in the context of the related characteristic.

Page 44, 5.2.62

Replace this subclause with the following:

5.2.62 item_definition

An item_definition is a view of an item_version. This view is relevant for the requirements of one or more application domains and collects product data of the item_version.

NOTE The selection of data describing an item_version can be different for assembly purposes, shipping purposes or analysis purposes.

Each item_definition may be a mating_definition, an assembly_definition, or a physical_item_definition.

cal_item_definition));

_context;

the item_version is relevant.

Page 50, 5.2.70

Add the following definition below the title.

A location is a place or position where a product or resource can exist.

Add the following subclauses.

5.2.70.1 location_id

A location_id is an identifier of the location.

5.2.70.2 location_name

A location_name is the word or group of words by which the location is known.

5.2.70.3 location_type

The location_type specifies the type of location. Where applicable, the following values shall be used:

- 'warehouse': The location is a warehouse.
- 'turret': The location is a tool turret.
- 'room': The location is a room.
- 'machine': The location is a machine.

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Page 57, 5.2.84

Add the following definition b

A physical_item is a type of data common to all revisions

Page 57, 5.2.85

Add the following definition b

A physical_item_location_a location.

Add the following subclause

5.2.85.1 located_item

The located_item attribute s

5.2.85.2 location

The location attribute specifi

Page 57, 5.2.86

Add the following definition b

A physical_item_definition is physical_item.

