



**INTERNATIONAL STANDARD ISO 10303-109:2004**  
**TECHNICAL CORRIGENDUM 2**

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

**Industrial automation systems and integration —  
Product data representation and exchange —**

Part 109:

**Integrated generic resource:  
Kinematic and geometric constraints for assembly  
models**

**TECHNICAL CORRIGENDUM 2**

*Systèmes d'automatisation industrielle et intégration – Représentation et échange de données de produits -  
Partie 109: Ressources génériques intégrées: Contraintes cinématiques et géométriques pour les modèles  
d'assemblage RECTIFICATIF TECHNIQUE 2*

Technical Corrigendum 2 to International Standard ISO 10303-109:2004 was prepared by Technical Committee ISO/TC 184, *Automation systems and integration*, Subcommittee SC 4, *Industrial data*.

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*The purpose of the modification is to the text of ISO 10303-109:2004 is to correct editorial issues.*

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**ICS 25.040.40**

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***Modifications to the text of ISO 10303-109:2004***

***Page 2, Clause 2, Normative references***

*Add the following to the list of normative references:*

ISO 10303-59, *Industrial automation systems and integration — Product data representation and exchange — Part 59: Integrated generic resource — Quality of product shape data*

***Page 5, 4.1***

*Remove the existing EXPRESS specification and NOTE 1 and replace them with the following new EXPRESS specification and NOTE 1:*

EXPRESS specification:

```
*)
SCHEMA assembly_feature_relationship_schema;

REFERENCE FROM assembly_constraint_schema; -- 10303-109
REFERENCE FROM geometry_schema; -- 10303-42
REFERENCE FROM kinematic_motion_representation_schema; -- 10303-105
REFERENCE FROM kinematic_structure_schema; -- 10303-105
REFERENCE FROM product_definition_schema; -- 10303-41
REFERENCE FROM product_property_definition_schema; -- 10303-41
REFERENCE FROM product_property_representation_schema; -- 10303-41
REFERENCE FROM product_structure_schema; -- 10303-44
REFERENCE FROM representation_schema; -- 10303-43
REFERENCE FROM support_resource_schema; -- 10303-41
REFERENCE FROM shape_data_quality_inspection_result_schema
    (using_product_definition_of_shape_representation); -- 10303-59
(*
```

NOTE 1 The schemas referenced above can be found in the following parts of ISO 10303:

```
assembly_constraint_schema ISO 10303-109 geometry_schema
ISO 10303-42 kinematic_motion_representation_schema ISO
10303-105 kinematic_structure_schema ISO 10303-105
product_definition_schema ISO 10303-41
product_property_definition_schema ISO 10303-41
product_property_representation_schema ISO 10303-41
product_structure_schema ISO 10303-44 representation_schema
ISO 10303-43 support_resource_schema ISO 10303-41
shape_data_quality_inspection_result_schema ISO 10303-59
```

***Pages 22 to 24, 4.5.10, 4.5.11 and 4.5.12***

*Delete the whole of subclause 4.5.10 and renumber subclauses 4.5.11 and 4.5.12 as 4.5.10 and 4.5.11.*

***Page 46, Index***

*Remove the line “Using product definition of shape representation”.*