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PEOPLE'S REPUBLIC OF CHINA**

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**Industrial automation systems and integration -- Product data
representation and exchange -- Part 47: Integrated generic
resources: Shape variation tolerances**

工业自动化系统与集成 产品数据表达与交换 第47部分：集成通用资源：形状变化公差

(English Translation)

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Table of Contents

What this standard covers	1
Document data	2

What this standard covers

This standard specifies the shape of the expression product dimensions and tolerances resource structure. Size expressing the size and shape of the shaped part to confirm the position. Tolerance specifies the definition of product shapes and sizes of allowable deviation. This section gives the dimensions and tolerances of expression applies to two-dimensional and three-dimensional part geometry. The following fall under the scope of this section: Constraint product shape feature tolerances, define the shape of the tolerance specification, geometric tolerances and tolerance of plus or minus expression, tolerance value expression, dimensions of expression, give shape imparting dimensional characteristics, give shape to give direction and location characteristics, benchmarks and normative frame of reference, export shape element annotation, such as centerline and intersection, shape constraints and with the system.

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