

# ISO 12781-1:2011-04 (E)

## Geometrical product specifications (GPS) - Flatness - Part 1: Vocabulary and parameters of flatness

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>1</b>
<b>3.1</b>	<b>General terms .....</b>	<b>1</b>
<b>3.2</b>	<b>Terms relating to the surface .....</b>	<b>2</b>
<b>3.3</b>	<b>Terms relating to the reference plane .....</b>	<b>3</b>
<b>3.4</b>	<b>Parameters .....</b>	<b>5</b>
<b>4</b>	<b>Straightness deviations .....</b>	<b>5</b>
<b>Annex A (informative) Mathematical definition of flatness tolerances of nominal integral features .....</b>		<b>6</b>
<b>Annex B (informative) Synoptic tables of terms, abbreviations and parameters .....</b>		<b>7</b>
<b>Annex C (informative) Relationship to the GPS matrix model .....</b>		<b>9</b>
<b>Bibliography .....</b>		<b>11</b>