

# ISO/TR 23605:2018-04 (E)

## Technical product specification (TPS) - Application guidance - International model for national implementation

---

<b>Contents</b>		<b>Page</b>
Foreword .....		v
Introduction .....		vi
<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>4.1</b>	<b>The GPS matrix .....</b>	<b>2</b>
<b>4.2</b>	<b>Standard reference temperature .....</b>	<b>3</b>
<b>5</b>	<b>Expression of the concept .....</b>	<b>3</b>
<b>6</b>	<b>Types of documentation .....</b>	<b>3</b>
<b>6.1</b>	<b>General .....</b>	<b>3</b>
<b>6.2</b>	<b>Commentary and recommendations .....</b>	<b>3</b>
<b>6.2.1</b>	<b>Combined drawing .....</b>	<b>3</b>
<b>6.2.2</b>	<b>Document list (drawing list) .....</b>	<b>3</b>
<b>7</b>	<b>Relationship between design definition and interpretation .....</b>	<b>4</b>
<b>7.1</b>	<b>Targeting of a TPD .....</b>	<b>4</b>
<b>7.2</b>	<b>Uncertainty of specification .....</b>	<b>4</b>
<b>7.3</b>	<b>Extraction .....</b>	<b>4</b>
<b>8</b>	<b>Presentation media .....</b>	<b>4</b>
<b>9</b>	<b>Scales .....</b>	<b>4</b>
<b>10</b>	<b>Lines, arrows and terminators .....</b>	<b>5</b>
<b>10.1</b>	<b>Lines .....</b>	<b>5</b>
<b>10.2</b>	<b>Arrows and terminators .....</b>	<b>5</b>
<b>11</b>	<b>Lettering .....</b>	<b>5</b>
<b>12</b>	<b>Projections .....</b>	<b>5</b>
<b>13</b>	<b>Views .....</b>	<b>6</b>
<b>14</b>	<b>Sections .....</b>	<b>6</b>
<b>15</b>	<b>Part references .....</b>	<b>6</b>
<b>16</b>	<b>Graphical representation (abbreviations and symbols) .....</b>	<b>6</b>
<b>16.1</b>	<b>Abbreviations .....</b>	<b>6</b>
<b>16.2</b>	<b>Symbols used for physical quantities .....</b>	<b>6</b>
<b>16.3</b>	<b>General symbols .....</b>	<b>7</b>
<b>16.4</b>	<b>Textual equivalents .....</b>	<b>8</b>
<b>16.5</b>	<b>Representation of processes .....</b>	<b>8</b>

17	Representation of features .....	8
18	Representation of components .....	9
19	Dimensioning and tolerancing .....	9
19.1	General .....	9
19.2	Decimal marker .....	10
20	Geometrical tolerancing .....	10
21	Surface texture indication .....	11
22	Verification .....	11
22.1	Instrumentation .....	11
22.2	Acceptance tests .....	12
23	Security .....	13
23.1	Introduction .....	13
23.2	General security .....	13
24	Storage and retrieval .....	14
25	Protection notices .....	14
	Annex A (informative) Cross-referenced standards .....	15
	Annex B (informative) Withdrawn standards .....	20
	Annex C (informative) Geometrical product specification (GPS) -- The standards matrix .....	25
	Bibliography .....	27