

# DIN ISO 10110-7:2018-05 (E)

## Optics and photonics - Preparation of drawings for optical elements and systems - Part 7: Surface imperfections (ISO 10110-7: 2017)

---

<b>Contents</b>	<b>Page</b>
<b>National foreword</b> .....	<b>3</b>
<b>National Annex NA (informative) Bibliography</b> .....	<b>4</b>
<b>Foreword</b> .....	<b>5</b>
<b>Introduction</b> .....	<b>6</b>
<b>1 Scope</b> .....	<b>7</b>
<b>2 Normative references</b> .....	<b>7</b>
<b>3 Terms and definitions</b> .....	<b>7</b>
<b>4 Indication in drawings</b> .....	<b>9</b>
4.1 General.....	9
4.2 Dimensional specification method for optical elements and assemblies.....	9
4.2.1 Maximum permissible surface imperfections.....	9
4.2.2 Surface imperfection indication for the dimensional specification method.....	12
4.2.3 Imperfections with a smaller grade number in the dimensional specification method.....	12
4.2.4 Concentrations of surface imperfections in the dimensional specification method.....	12
4.2.5 Test methods for the dimensional specification method.....	13
4.3 Visibility specification method for optical elements and assemblies.....	13
4.3.1 Maximum permissible surface imperfections.....	13
4.3.2 Visibility specification imperfections with smaller grade number.....	16
4.3.3 Concentrations of visibility imperfections.....	16
4.3.4 Test method for visibility.....	16
4.4 Location of the indication.....	16
<b>Bibliography</b> .....	<b>18</b>