

# DIN ISO 10110-6:2016-06 (E)

## Optics and photonics - Preparation of drawings for optical elements and systems - Part 6: Centring tolerances (ISO 10110-6:2015)

---

### Contents

	Page
<b>National foreword</b> .....	<b>3</b>
<b>National Annex NA (informative) Bibliography</b> .....	<b>4</b>
<b>1 Scope</b> .....	<b>6</b>
<b>2 Normative references</b> .....	<b>6</b>
<b>3 Terms and definitions</b> .....	<b>6</b>
<b>4 Specification of centring tolerances</b> .....	<b>13</b>
4.1 General .....	13
4.2 Individual spherical surfaces .....	13
4.3 Individual aspheric surfaces .....	13
4.4 Individual circular cylindrical surfaces .....	13
4.5 Individual non-circular cylindrical surfaces .....	13
4.6 Individual non-symmetrical surfaces .....	13
4.7 Optical elements and subassemblies .....	14
4.8 Cement wedge in cemented optical assemblies .....	14
4.9 Surfaces without optical function .....	14
4.10 Field stops, reticles, etc .....	14
<b>5 Indication in drawings</b> .....	<b>14</b>
5.1 Datum axis .....	14
5.2 Datum point .....	14
5.3 Centring tolerance .....	15
5.4 Location .....	16
<b>6 Examples</b> .....	<b>16</b>
<b>Bibliography</b> .....	<b>26</b>