

# ISO 13942:2000-12 (E)

## Bonded abrasive products - Limit deviations and run-out tolerances

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
<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>2</b>
<b>4</b>	<b>Symbols and designations .....</b>	<b>4</b>
<b>5</b>	<b>Straight grinding wheels, recessed, relieved and hubbed wheels .....</b>	<b>5</b>
5.1	Types involved .....	5
5.2	Straight grinding wheels for general applications .....	6
5.3	Straight grinding wheels for special applications .....	8
5.4	Grinding wheels for high-pressure grinding .....	10
5.5	Straight grinding wheels used in sets .....	11
5.6	Cemented or clamped cylinder wheels and disc wheels .....	11
<b>6</b>	<b>Dish and cup wheels .....</b>	<b>13</b>
6.1	Types involved .....	13
6.2	Dish and cup wheels for general applications .....	14
6.3	Dish and cup wheels for tool grinding .....	14
<b>7</b>	<b>Grinding wheels for cutting-off, deburring and fettling/snagging .....</b>	<b>14</b>
7.1	Scope .....	14
7.2	Limit deviations TD of the outside diameter, axial run-out tolerance, TPL, and the radial run-out tolerance, TRL .....	15
7.3	Limit deviations TH of the hole diameter .....	16
7.4	Limit deviations TT and TU of the grinding wheel thickness .....	16
<b>8</b>	<b>Segments .....</b>	<b>17</b>
<b>9</b>	<b>Cones and plugs with threaded insert .....</b>	<b>18</b>
<b>10</b>	<b>Honing stones and superfinishings .....</b>	<b>18</b>
<b>11</b>	<b>Hand finishing sticks .....</b>	<b>18</b>