

# DIN EN ISO 18265:2014-02 (E)

## Metallic materials - Conversion of hardness values (ISO 18265:2013)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
Introduction .....		4
<b>1</b>	<b>Scope .....</b>	<b>5</b>
<b>2</b>	<b>Principles of conversion .....</b>	<b>5</b>
<b>3</b>	<b>Application of conversion tables .....</b>	<b>8</b>
<b>3.1</b>	<b>General .....</b>	<b>8</b>
<b>3.2</b>	<b>Converting values .....</b>	<b>11</b>
<b>3.3</b>	<b>Designation of conversion results .....</b>	<b>13</b>
<b>3.4</b>	<b>Notes on use of conversion tables .....</b>	<b>14</b>
	<b>Annex A (informative) Conversion table for unalloyed, low alloy steels and cast steel .....</b>	<b>16</b>
	<b>Annex B (informative) Conversion tables for steels for quenching and tempering .....</b>	<b>21</b>
	<b>Annex C (informative) Conversion tables for steels for cold working .....</b>	<b>41</b>
	<b>Annex D (informative) Conversion tables for high speed steels .....</b>	<b>52</b>
	<b>Annex E (informative) Conversion tables for hardmetals .....</b>	<b>65</b>
	<b>Annex F (informative) Conversion tables for non-ferrous metals and alloys .....</b>	<b>70</b>
	<b>Annex G (informative) Conversion tables for tool steels .....</b>	<b>80</b>
	<b>Annex H (informative) Remarks on the effect of the changed test conditions .....</b>	<b>84</b>
	<b>Bibliography .....</b>	<b>88</b>