

# ISO 18265:2013-10 (E)

## Metallic materials - Conversion of hardness values

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Principles of conversion .....</b>	<b>1</b>
<b>3</b>	<b>Application of conversion tables .....</b>	<b>4</b>
<b>3.1</b>	<b>General .....</b>	<b>4</b>
<b>3.2</b>	<b>Converting values .....</b>	<b>7</b>
<b>3.3</b>	<b>Designation of conversion results .....</b>	<b>9</b>
<b>3.4</b>	<b>Notes on use of conversion tables .....</b>	<b>10</b>
<b>Annex A (informative) Conversion table for unalloyed, low alloy steels and cast steel .....</b>		<b>12</b>
<b>Annex B (informative) Conversion tables for steels for quenching and tempering .....</b>		<b>17</b>
<b>Annex C (informative) Conversion tables for steels for cold working .....</b>		<b>37</b>
<b>Annex D (informative) Conversion tables for high speed steels .....</b>		<b>48</b>
<b>Annex E (informative) Conversion tables for hardmetals .....</b>		<b>61</b>
<b>Annex F (informative) Conversion tables for non-ferrous metals and alloys .....</b>		<b>65</b>
<b>Annex G (informative) Conversion tables for tool steels .....</b>		<b>76</b>
<b>Annex H (informative) Remarks on the effect of the changed test conditions .....</b>		<b>80</b>
<b>Bibliography .....</b>		<b>84</b>