Each grain surface position is indicated as shown in Fig. 1. This includes surface roughness, cut-off value or reference length, processing method, symbol of direction of lay, surface waviness, etc.

**Fig. 1 Legend**
- a: Value of Ra
- b: Processing method
- c: Cutoff value. Evaluation length
- c': Reference length. Evaluation length
- d: Symbol of direction of lay
- f: Parameter other than Ra (With tp, parameter/cutoff level)
- g: Surface waviness (according to JIS B 0610)

**Note**: Items other than a and f are added as necessary.

**Reference**: The location of lay of e in Fig. 1 is given as the finish allowance in ISO 1302.

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Meaning</th>
<th>Figure</th>
</tr>
</thead>
<tbody>
<tr>
<td>=</td>
<td>Parallel to the projected surface on which the direction of lay of the cutting blade is indicated. (ex) Shaped surface</td>
<td><img src="image1" alt="Diagram" /></td>
</tr>
<tr>
<td>⊥</td>
<td>Perpendicular to the projected surface on which the direction of lay of the cutting blade is indicated. (ex) Shaped surface (when viewed from the side), machined or cylindrical ground surface.</td>
<td><img src="image2" alt="Diagram" /></td>
</tr>
<tr>
<td>X</td>
<td>Intersection of two diagonal lines on the projected surface on which the direction of lay of the cutting blade is indicated. (ex) Honing finished surface</td>
<td><img src="image3" alt="Diagram" /></td>
</tr>
<tr>
<td>M</td>
<td>Multidirectional intersection or non-directional point on the projected surface on which the direction of lay of the cutting blade is indicated. (ex) Ramp finished surface, super finished surface, face milled or end milled surface in surfacing feed direction</td>
<td><img src="image4" alt="Diagram" /></td>
</tr>
<tr>
<td>C</td>
<td>Concentric circles roughly centered on the same on the surface on which the direction of lay of the cutting blade is indicated. (ex) Facing surface</td>
<td><img src="image5" alt="Diagram" /></td>
</tr>
<tr>
<td>R</td>
<td>Radiating shape roughly centered on the same point on the surface on which the direction of lay of the cutting blade is indicated.</td>
<td><img src="image6" alt="Diagram" /></td>
</tr>
</tbody>
</table>

**Examples indicating surface texture on drawing**
- Indicating symbol of surface
- Indicating symbol of surface requiring removal press
- Indicating symbol of surface on which no removal process is permitted

**Examples indicating the upper limits of Ra**
(a) ![Diagram](image7) (b) ![Diagram](image8) (c) ![Diagram](image9)

**Examples indicating direction of lay**

**Examples indicating the upper limit and lower limit of Ra**
(a) ![Diagram](image10) (b) ![Diagram](image11)

**Examples indicating processing method**
(a) Front milled (b) ![Diagram](image12)