### Full Length Hardness Guaranteed Shafts

**One End / Both Ends Tapped Short Types**

<table>
<thead>
<tr>
<th>Type</th>
<th>Material</th>
<th>Threads</th>
<th>Hardness</th>
<th>Surface Treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>One End Tapped</td>
<td>52100 Bearing Steel</td>
<td>G2 (3/4)</td>
<td>60-62 HRC</td>
<td>Low Temperature Black Chrome Plating</td>
</tr>
<tr>
<td>Both Ends Tapped</td>
<td>52100 Bearing Steel</td>
<td>G2 (3/4)</td>
<td>60-62 HRC</td>
<td>Low Temperature Black Chrome Plating</td>
</tr>
</tbody>
</table>

**Part Number Example**: SSFAW16 - L - M - N

#### Features of Low Temperature Black Chrome Plating
- Low temperature black chrome plating (1–2 μ thickness) applied on shafts has highly anti-rusting effect with black film. Even trumpet-shaped bending won’t cause cracks. Plating won’t flake from repeat bending. Shaft Ø3. tolerance after low temperature black chrome plating is applied. Works well with linear bushings and suitable for places where rusting is to be avoided.

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#### Shaft After Sliding Test

- 50 km sliding test was conducted on Linear Bushings under 412N load.
- Suitable for places where light reflections are undesirable, when used in combination with low temperature black chrome plated linear bushing.

### High Precision Linear Shafts

<table>
<thead>
<tr>
<th>Material</th>
<th>Application Shaft Diameter</th>
<th>Applicable Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>52100 Bearing Steel</td>
<td>Ø5–Ø100</td>
<td>Up to 500</td>
</tr>
</tbody>
</table>

#### Notes:
- **Note 1**: Sliding wear: Low temperature black chrome plated products with splinters may result in loss of color but its anti-rust property will be unaffected. Color will settle over a month and become resistant to discoloration.
- **Note 2**: Tapped threads will not be coated with Low Temperature Black Chrome Plating.
- **Note 3**: Low temperature black chrome plated shafts may have centring holes on the ends for surface treatment.

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Check out misumiusa.com for the most current pricing and lead time.