These surface-treated chains have attractive appearance and increased corrosion resistance. Select the optimum type from the surface-treated chains to suit your application.

**Rustop (N)**

- All parts are plated with special nickel.
- Attractive nickel-plated appearance and corrosion resistance
- Maximum allowable load: About 15% lower than that of standard steel chain (see next page)
- Operating range: -10°C to +60°C
- Usable instead of most steel chains and chains with attachment
- When ordering, please put a suffix “N” to Chain No.

**BC Coat (BC)**

- Special mechanical surface-treatment on all parts. Matte dark gray finish. Compliant to RoHS Directive
- Usable even when subject to seawater
- Maximum allowable load is the same as that of standard steel chain (see next page)
- Protective film has higher peeling resistance than that of DC coat chain.
- Ordinary operating temperature range of -10°C to +150°C
- Usable instead of most steel chains and chains with attachments
- When ordering, please put a suffix “BC” to Chain No.

**DG COAT (DG)**

- Special coat and top coat on all parts. Compliant to RoHS Directive
- Usable even when subject to seawater
- Maximum allowable load is the same as that of standard steel chain (see next page)
- Operating range: -10°C to +60°C
- Usable instead of most steel chains and chains with attachments
- When ordering, please put a suffix “DG” to Chain No.


**Safety Precautions:** Do not use surface-treated chain if chain directly contacts food or abrasion particles are mixed into food.
## Maximum Allowable Loads of Surface-Treated Chains

<table>
<thead>
<tr>
<th>KCM Chain No.</th>
<th>Type</th>
<th>Maximum Allowable Load of Surface-Treated Chains</th>
<th>Maximum Allowable Load of SS Chains</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rustop &quot;N&quot;</td>
<td>BC coat &quot;BC&quot;</td>
<td>Standard &quot;SS&quot;</td>
</tr>
<tr>
<td></td>
<td>kN (kgf)</td>
<td>kN (kgf)</td>
<td>kN (kgf)</td>
</tr>
<tr>
<td>KCM 40</td>
<td>3.04 (310)</td>
<td>3.63 (370)</td>
<td>0.44 (45)</td>
</tr>
<tr>
<td>KCM 50</td>
<td>5.39 (550)</td>
<td>6.37 (650)</td>
<td>0.69 (70)</td>
</tr>
<tr>
<td>KCM 60</td>
<td>7.26 (740)</td>
<td>8.83 (900)</td>
<td>1.03 (105)</td>
</tr>
<tr>
<td>KCM 80</td>
<td>12.70 (1,300)</td>
<td>14.71 (1,500)</td>
<td>1.77 (180)</td>
</tr>
<tr>
<td>KCM 100</td>
<td>19.12 (1,950)</td>
<td>22.56 (2,300)</td>
<td>2.55 (260)</td>
</tr>
<tr>
<td>KCM 2040</td>
<td>2.65 (270)</td>
<td>2.65 (270)</td>
<td>0.44 (45)</td>
</tr>
<tr>
<td>KCM 2050</td>
<td>4.31 (440)</td>
<td>4.31 (440)</td>
<td>0.69 (70)</td>
</tr>
<tr>
<td>KCM 2060</td>
<td>6.28 (640)</td>
<td>6.28 (640)</td>
<td>1.03 (105)</td>
</tr>
<tr>
<td>KCM 2060H</td>
<td>6.28 (640)</td>
<td>6.28 (640)</td>
<td>1.03 (105)</td>
</tr>
<tr>
<td>KCM 2080</td>
<td>10.69 (1,090)</td>
<td>10.69 (1,090)</td>
<td>1.77 (180)</td>
</tr>
<tr>
<td>KCM 2080H</td>
<td>10.69 (1,090)</td>
<td>10.69 (1,090)</td>
<td>1.77 (180)</td>
</tr>
</tbody>
</table>

**NOTES:**
- Dimensions of surface-treated chains are the same as those of standard steel chains.
- Connecting links of BC coat chains are split pin type.
- Surface-treated chain can be used in place of most standard steel chains and chains with attachments.

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**Corrosion resistance**

- Standard steel (SS)
- Rustop (Rustop N)
- BC coat (BC)
- DG coat (DG)
- Strengthened stainless steel (AS)

**NOTES:**
- This chart is graphical presentation, not showing actual ratios.
- Corrosion resistance varies depending on operating conditions.