Precision Ballscerws
| Ground Grade Ball Screw – Round Flanged Ball Nut | 0401 | P.10~P.11 |
|                                               | 0601 | P.12~P.18 |
|                                               | 0602 | P.19      |
|                                               | 0801 | P.20~P.30 |
|                                               | 0802 | P.31~P.34 |
|                                               | 1004 | P.35~P.36 |
| Ground Grade Ball Screw – Rectangular Ball Nut | 0601 | P.37~P.38 |
|                                               | 0602 | P.39~P.40 |
|                                               | 0801 | P.41~P.43 |
|                                               | 0802 | P.44~P.45 |
|                                               | 0804 | P.46~P.47 |
| Ground Grade Ball Screw – Flanged Square Ball Nut | 1002 | P.48~P.51 |
|                                               | 1202 | P.52~P.53 |
|                                               | 1602 | P.54~P.57 |
|                                               | 1604 | P.58~P.61 |
|                                               | 2002 | P.62~P.65 |
|                                               | 2004 | P.66~P.69 |

© To improve the products and services, GMT hereby reserve the right of engineering change for the product; the addition/deletion of the content in the catalogue will be executed without further notice.
Lead Accuracy of the Ball Screw

The maximum variations of the physical movement between two straight lines parallel to typical movement will be determined according to the following 3 items.

<table>
<thead>
<tr>
<th>Code</th>
<th>Designation of Code</th>
<th>Coding Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>t</td>
<td>Standard Movement Variation Value</td>
<td>Max. variation within effective length of the shaft section.</td>
</tr>
<tr>
<td>ep</td>
<td>Typical Movement Deviation</td>
<td>The value obtained by deducting the standard movement from typical movement.</td>
</tr>
<tr>
<td>ls</td>
<td>Target value of Standard Movement</td>
<td>The value obtained by deducting the nominal movement from standard movement within the effective screw shaft length. As the screw shaft tends to extract due to temperature change and external loading, such value will be determined after correcting the displacement. Such value will depend on experimental or empirical result.</td>
</tr>
<tr>
<td>im</td>
<td>Typical Movement</td>
<td>The straight line calculated by least square method or simple approximation method according to the curve indicated as physical movement.</td>
</tr>
<tr>
<td>la</td>
<td>Physical Movement Line</td>
<td>The physical movement measured.</td>
</tr>
</tbody>
</table>

The value obtained by deducting the standard movement from typical movement.

Corrected axial movement displacement of the nominal movement, which is occurred due to thermal and loading. It leans to physical movement Line.

Typical Movement Line.

Typical Movement Line.
### Introduction of International Specification

**Ball Screw International Standard Precision Grade**

<table>
<thead>
<tr>
<th>Grade Classification</th>
<th>Ground Grade</th>
<th>Rolled Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>C0</td>
<td>C1</td>
</tr>
<tr>
<td>ISO * DIN</td>
<td>6</td>
<td>12</td>
</tr>
<tr>
<td>JIS</td>
<td>3.5</td>
<td>5</td>
</tr>
<tr>
<td>GMT</td>
<td>3.5</td>
<td>5</td>
</tr>
</tbody>
</table>

**V<sub>300</sub>** : Max. variation within 300mm randomly retrieved from effective length of the shaft section.

**Pre-load Torque Variation Scope (Source: JIS B1192)**

<table>
<thead>
<tr>
<th>Standard Torque (Kgf·cm)</th>
<th>Effective Travel (mm)</th>
<th>Max. screw length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Within 400mm</td>
<td>0.5</td>
<td>125</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>170</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>300</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>455</td>
</tr>
<tr>
<td></td>
<td>4×</td>
<td>1200</td>
</tr>
</tbody>
</table>

**Unit Conversion**

<table>
<thead>
<tr>
<th>kgf·cm</th>
<th>kgf·mm</th>
<th>Nm</th>
<th>kpm(kgf·m)</th>
<th>oz·in</th>
<th>ft·lbf</th>
<th>kpm(kgf·m)</th>
<th>oz·in</th>
<th>ft·lbf</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>10</td>
<td>9.8x10&lt;sup&gt;4&lt;/sup&gt;</td>
<td>1</td>
<td>13.8874</td>
<td>7.23301x10&lt;sup&gt;4&lt;/sup&gt;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.1</td>
<td>1</td>
<td>9.8x10&lt;sup&gt;3&lt;/sup&gt;</td>
<td>0.1</td>
<td>13.8874</td>
<td>7.23301x10&lt;sup&gt;3&lt;/sup&gt;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10.19716</td>
<td>10.19716x10&lt;sup&gt;4&lt;/sup&gt;</td>
<td>10.19716</td>
<td>1</td>
<td>1.41612x10&lt;sup&gt;2&lt;/sup&gt;</td>
<td>0.737562</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10&lt;sup&gt;2&lt;/sup&gt;</td>
<td>10&lt;sup&gt;2&lt;/sup&gt;</td>
<td>9.80665</td>
<td>1</td>
<td>1.38874x10&lt;sup&gt;4&lt;/sup&gt;</td>
<td>7.23301</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7.20077x10&lt;sup&gt;4&lt;/sup&gt;</td>
<td>7.20077</td>
<td>7.06155x10&lt;sup&gt;3&lt;/sup&gt;</td>
<td>1</td>
<td>6.20833x10&lt;sup&gt;3&lt;/sup&gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13.82548</td>
<td>13.82548x10&lt;sup&gt;3&lt;/sup&gt;</td>
<td>1.35582</td>
<td>0.1382548</td>
<td>1.92x10&lt;sup&gt;2&lt;/sup&gt;</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Variation Value**

<table>
<thead>
<tr>
<th>Grade</th>
<th>C0</th>
<th>C1</th>
<th>C3</th>
<th>C5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allowable Value</td>
<td>3.5</td>
<td>3</td>
<td>5</td>
<td>4</td>
</tr>
</tbody>
</table>

**Comparison table of Ground Grade Ball Screw and Lead**

For rightward

<table>
<thead>
<tr>
<th>GMT</th>
<th>Nominal Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>0.5</td>
<td>4</td>
</tr>
<tr>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>2</td>
<td>8</td>
</tr>
<tr>
<td>2.5</td>
<td>10</td>
</tr>
<tr>
<td>4</td>
<td>12</td>
</tr>
<tr>
<td>5</td>
<td>16</td>
</tr>
<tr>
<td>6</td>
<td>20</td>
</tr>
<tr>
<td>7</td>
<td>1200</td>
</tr>
</tbody>
</table>

**Comparison table of Rolled Grade Ball Screw and Lead**

For rightward

<table>
<thead>
<tr>
<th>GMT</th>
<th>Nominal Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>2</td>
<td>8</td>
</tr>
<tr>
<td>2.5</td>
<td>10</td>
</tr>
<tr>
<td>4</td>
<td>12</td>
</tr>
<tr>
<td>5</td>
<td>16</td>
</tr>
<tr>
<td>6</td>
<td>20</td>
</tr>
<tr>
<td>8</td>
<td>1200</td>
</tr>
</tbody>
</table>

Please contact to regional sales for other dimensions not specified in the catalogue.

---

**Variation of Typical Movement Deviations**

<table>
<thead>
<tr>
<th>Effective Travel Stroke(mm)</th>
<th>C0</th>
<th>C1</th>
<th>C3</th>
<th>C5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Variation(V&lt;sub&gt;1&lt;/sub&gt;)</td>
<td>3</td>
<td>3</td>
<td>3.5</td>
<td>5</td>
</tr>
<tr>
<td>Typical Movement deviation</td>
<td>3</td>
<td>3</td>
<td>3.5</td>
<td>5</td>
</tr>
<tr>
<td>Variation(V&lt;sub&gt;2&lt;/sub&gt;)</td>
<td>8</td>
<td>8</td>
<td>18</td>
<td>18</td>
</tr>
<tr>
<td>Typical Movement deviation</td>
<td>8</td>
<td>8</td>
<td>18</td>
<td>18</td>
</tr>
</tbody>
</table>

---

**Introduction of International Specification**

*www.gmtlinear.com*

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*Note:* 1. Slenderness Ratio = Screw Thread Length / Screw Nominal O.D.
2. Basic variation range of designed pre-load torque.
3. Force loading unit conversion is referred to (Table 1) on P.5.
GMT makes the necessary inspection of geometric tolerance as the following items:

**Ball Screw Round Flanged Nut Indication of Geometric Tolerance**

- Refer to ball screw thread surface B-B' as the base axis to inspect circumference deviation from the radius direction of the nut cylinder.
- Total deviation measured from the radius of ball screw axis.
- Refer to ball screw thread surface A-A' as the base axis to inspect circumference deviation from the radius direction of the ball screw fixed side.
- Refer to ball screw thread surface A-A' as the base axis to inspect the verticality of the ball screw fixed side plane.

**Rectangular Flanged Nut Indication of Geometric Tolerance**

- Refer to ball screw thread surface B-B' as the base axis to inspect parallel from the mounting plane of the rectangular flanged nut.
- Total deviation measured from the radius of ball screw axis.
- Refer to ball screw thread surface A-A' as the base axis to inspect circumference deviation from the radius direction of the ball screw fixed side.
- Refer to ball screw thread surface A-A' as the base axis to inspect the verticality of the ball screw fixed side plane.

Above two geometric tolerances of inspection items are referred to JIS 1192-1997 Standard.
0401 Ground Ball Screw  •  Round Flanged Ball Nut

Regular inventory item (Machined mounting section)

Customer required length \( \leq L_1 \) will be treated as a regular inventory item (as per the mounting section in the figure).

Customer required length > \( L_1 \) will be treated as a custom-made item.

- The figure dimensions are not indicated per scale.

- C0, C1 Precision grade shall be ordered on request.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision Ground Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSPG-0401-FS-23-55-R-C3</td>
<td>04/01</td>
<td>C3</td>
<td>320</td>
<td>400</td>
<td>0.8</td>
<td>23</td>
<td>55</td>
</tr>
<tr>
<td>BSPG-0401-FS-23-55-R-C5</td>
<td>04/01</td>
<td>C5</td>
<td>320</td>
<td>400</td>
<td>0.8</td>
<td>23</td>
<td>55</td>
</tr>
</tbody>
</table>

Customer Designated Machining Drawing

- L1: The ordered length (custom-made item out of specified dimensions).

- Mounting section can be machined by customer site or by GMT as per customer needs.

- The figure dimensions are not indicated per scale.

Semi-product
Reference Figure

According to GMT machine on request per customer’s drawing. Or, customer may take machining dimensions as below figuration.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision Ground Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUG-0401-FS-□-□-R-C3</td>
<td>04/01</td>
<td>C3</td>
<td>320</td>
<td>400</td>
<td>0.8</td>
<td>23</td>
<td>55</td>
</tr>
<tr>
<td>BSUG-0401-FS-□-□-R-C5</td>
<td>04/01</td>
<td>C5</td>
<td>320</td>
<td>400</td>
<td>0.8</td>
<td>23</td>
<td>55</td>
</tr>
</tbody>
</table>

Customer Name: ___________________ Date: __________

Tel: ___________________ e-mail: ___________________
Model No. | Shaft Dia./Lead (mm) | Precision | Dynamic Load (N) | Static Load (N) | Ball Dia. (mm) | Thread Length L1 (mm) | Total Length L (mm)
--- | --- | --- | --- | --- | --- | --- | ---
BSPG-0601-FS-47-79-R-C3 | 06/01 | C3 | 750 | 1330 | 0.8 | 47 | 79
BSPG-0601-FS-47-79-R-C5 | 06/01 | C5 | 750 | 1330 | 0.8 | 47 | 79

Customer required length ≤ L1 will be treated as a regular inventory item (as per the mounting section in the figure).
Customer required length > L1 will be treated as a custom-made item.
The figure dimensions are not indicated per scale.
C0, C1 Precision grade shall be ordered on request.

Model No. | Shaft Dia./Lead (mm) | Precision | Dynamic Load (N) | Static Load (N) | Ball Dia. (mm) | Thread Length L1 (mm) | Total Length L (mm)
--- | --- | --- | --- | --- | --- | --- | ---
BSPG-0601-FS-48-85-R-C3 | 06/01 | C3 | 750 | 1330 | 0.8 | 48 | 85
BSPG-0601-FS-48-85-R-C5 | 06/01 | C5 | 750 | 1330 | 0.8 | 48 | 85

Customer required length ≤ L1 will be treated as a regular inventory item (as per the mounting section in the figure).
Customer required length > L1 will be treated as a custom-made item.
The figure dimensions are not indicated per scale.
C0, C1 Precision grade shall be ordered on request.
### Model No. | Shaft Dia./Lead (mm) | PrecisionGrade | Dynamic Load Ca(N) | Static Load Co(N) | Ball Dia. (mm) | Thread Length L1 (mm) | Total Length L (mm) |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BSPG-0601-FS-42-79-R-C3</td>
<td>06/01</td>
<td>C3</td>
<td>750</td>
<td>1330</td>
<td>0.8</td>
<td>42</td>
<td>79</td>
</tr>
<tr>
<td>BSPG-0601-FS-42-79-R-C5</td>
<td>06/01</td>
<td>C5</td>
<td>750</td>
<td>1330</td>
<td>0.8</td>
<td>42</td>
<td>79</td>
</tr>
</tbody>
</table>

- **Customer required length ≤ L1** will be treated as a regular inventory item (as per the mounting section in the figure).
- **Customer required length > L1** will be treated as a custom-made item.
- The figure dimensions are not indicated per scale.
- C0, C1 Precision grade shall be ordered on request.

- **L1**: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

---

**Customer Designated Machining Drawing**

- **L1**: Ordered length (out of specified dimensions).
<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./ Lead(mm)</th>
<th>Precision Grade</th>
<th>Dynamic Load (Ca(N))</th>
<th>Static Load (Co(N))</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSPG-0601-FS-18.5-55-R-C3</td>
<td>06/01</td>
<td>C3</td>
<td>750</td>
<td>1330</td>
<td>0.8</td>
<td>18.5</td>
<td>55</td>
</tr>
<tr>
<td>BSPG-0601-FS-18.5-55-R-C5</td>
<td>06/01</td>
<td>C5</td>
<td>750</td>
<td>1330</td>
<td>0.8</td>
<td>18.5</td>
<td>55</td>
</tr>
</tbody>
</table>

- Customer required length ≤ L1 will be treated as a regular inventory item (as per the mounting section in the figure).
- Customer required length > L1 will be treated as a custom-made item.
- The figure dimensions are not indicated per scale.
- C0, C1 Precision grade shall be ordered on request.

**Note:** The figure dimensions are not indicated per scale.

**Customer required length ≤ L1 will be treated as a regular inventory item (as per the mounting section in the figure).**

**Customer required length > L1 will be treated as a custom-made item.**

- C0, C1 Precision grade shall be ordered on request.
## 0601 Ground Ball Screw  - Round Flanged Ball Nut

**Regular inventory item (Machining on request)**

### Semi-product Reference Figure

L1: The ordered length (custom-made item out of specified dimensions).
Mounting section can be machined by customer site or by GMT as per customer needs.
The figure dimensions are not indicated per scale.

### Table: Model Specifications

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUG-0601-FS-□-□-R-C3</td>
<td>06/01</td>
<td>C3</td>
<td>750</td>
<td>1330</td>
<td>0.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BSUG-0601-FS-□-□-R-C5</td>
<td>06/01</td>
<td>C5</td>
<td>750</td>
<td>1330</td>
<td>0.8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Customer Name: __________________________ Date: __________________________
Tel: __________________________ e-mail: __________________________

### Customer Designated Machining Drawing

Model No.
- BSCG-0601-FS-□-□-R-C3 06/01 C3
- BSCG-0601-FS-□-□-R-C5 06/01 C5

- L1: Ordered length (out of specified dimensions).

---

## 0602 Ground Ball Screw  - Round Flanged Ball Nut

**Regular inventory item (Machining on request)**

### Semi-product Reference Figure

GMT machine on request per customer’s drawing.
Or, customer may take machining dimensions as below figuration.

### Table: Model Specifications

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUG-0602-FS-□-□-R-C5</td>
<td>06/02</td>
<td>C5</td>
<td>470</td>
<td>590</td>
<td>0.8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Customer Name: __________________________ Date: __________________________
Tel: __________________________ e-mail: __________________________

### Customer Designated Machining Drawing

Model No.
- BSCG-0602-FS-□-□-R-C5 06/02 C5

- L1: Ordered length (out of specified dimensions).
### 0801 Ground Ball Screw  •  Round Flanged Ball Nut

Regular inventory item (Machined mounting section)

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision Grade</th>
<th>Dynamic Load (Ca)(N)</th>
<th>Static Load (Co)(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSPG-0801-FS-42-72.9-R-C3</td>
<td>08/01</td>
<td>C3</td>
<td>850</td>
<td>1800</td>
<td>0.8</td>
<td>42</td>
<td>72.9</td>
</tr>
<tr>
<td>BSPG-0801-FS-42-72.9-R-C5</td>
<td>08/01</td>
<td>C5</td>
<td>850</td>
<td>1800</td>
<td>0.8</td>
<td>42</td>
<td>72.9</td>
</tr>
</tbody>
</table>

- Customer required length \( \leq L1 \) will be treated as a regular inventory item (as per the mounting section in the figure).
- Customer required length \( > L1 \) will be treated as a custom-made item.
- The figure dimensions are not indicated per scale.
- C0, C1 Precision grade shall be ordered on request.
0801 Ground Ball Screw • Round Flanged Ball Nut

Regular inventory item (Machined mounting section)

- Customer required length ≤ L1 will be treated as a regular inventory item (as per the mounting section in the figure).
- Customer required length > L1 will be treated as a custom-made item.
- The figure dimensions are not indicated per scale.
- C0, C1 Precision grade shall be ordered on request.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision Ground Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSPG-0801-FS-42-73-R-C3</td>
<td>08/01</td>
<td>C3</td>
<td>850</td>
<td>1800</td>
<td>0.8</td>
<td>42</td>
<td>73</td>
</tr>
<tr>
<td>BSPG-0801-FS-42-73-R-C5</td>
<td>08/01</td>
<td>C5</td>
<td>850</td>
<td>1800</td>
<td>0.8</td>
<td>42</td>
<td>73</td>
</tr>
</tbody>
</table>

0801 Ground Ball Screw • Round Flanged Ball Nut

Regular inventory item (Machined mounting section)

- Customer required length ≤ L1 will be treated as a regular inventory item (as per the mounting section in the figure).
- Customer required length > L1 will be treated as a custom-made item.
- The figure dimensions are not indicated per scale.
- C0, C1 Precision grade shall be ordered on request.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision Ground Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSPG-0801-FS-51-90-R-C3</td>
<td>08/01</td>
<td>C3</td>
<td>850</td>
<td>1800</td>
<td>0.8</td>
<td>51</td>
<td>90</td>
</tr>
<tr>
<td>BSPG-0801-FS-51-90-R-C5</td>
<td>08/01</td>
<td>C5</td>
<td>850</td>
<td>1800</td>
<td>0.8</td>
<td>51</td>
<td>90</td>
</tr>
</tbody>
</table>
**Model No.** | **Shaft Dia./Lead (mm)** | **Precision Grade** | **Dynamic Load \(C_a(N)\)** | **Static Load \(C_O(N)\)** | **Ball Dia. (mm)** | **Thread Length \(L_1\) (mm)** | **Total Length \(L\) (mm)**
---|---|---|---|---|---|---|---
BSPG-0801-FS-95-134-R-C3 | 08/01 | C3 | 850 | 1800 | 0.8 | 95 | 134
BSPG-0801-FS-135-174-R-C3 | 08/01 | C3 | 850 | 1800 | 0.8 | 135 | 174
BSPG-0801-FS-95-134-R-C5 | 08/01 | C5 | 850 | 1800 | 0.8 | 95 | 134
BSPG-0801-FS-135-174-R-C5 | 08/01 | C5 | 850 | 1800 | 0.8 | 135 | 174

- Customer required length \(\leq L_1\) will be treated as a regular inventory item (as per the mounting section in the figure).
- Customer required length > \(L_1\) will be treated as a custom-made item.
- The figure dimensions are not indicated per scale.
- \(C_0, C_1\) Precision grade shall be ordered on request.
### Model No. Specifications

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead(mm)</th>
<th>Precision Ground Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSPG-0801-FS-45-84-R-C3</td>
<td>08/01</td>
<td>C3</td>
<td>850</td>
<td>1800</td>
<td>0.8</td>
<td>45</td>
<td>94</td>
</tr>
<tr>
<td>BSPG-0801-FS-45-84-R-C5</td>
<td>08/01</td>
<td>C5</td>
<td>850</td>
<td>1800</td>
<td>0.8</td>
<td>45</td>
<td>94</td>
</tr>
</tbody>
</table>

- **Note:** The figure dimensions are not indicated per scale.
- **C0, C1 Precision grade shall be ordered on request.**

---

- **Customer required length \( \leq L_1 \) will be treated as a regular inventory item (as per the mounting section in the figure).**
- **Customer required length > \( L_1 \) will be treated as a custom-made item.**
- **The figure dimensions are not indicated per scale.**
- **C0, C1 Precision grade shall be ordered on request.**

---

**Model No. Specifications**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead(mm)</th>
<th>Precision Ground Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSPG-0801-FS-46-85-R-C3</td>
<td>08/01</td>
<td>C3</td>
<td>850</td>
<td>1800</td>
<td>0.8</td>
<td>46</td>
<td>85</td>
</tr>
<tr>
<td>BSPG-0801-FS-46-85-R-C5</td>
<td>08/01</td>
<td>C5</td>
<td>850</td>
<td>1800</td>
<td>0.8</td>
<td>46</td>
<td>85</td>
</tr>
</tbody>
</table>

- **Note:** The figure dimensions are not indicated per scale.
- **C0, C1 Precision grade shall be ordered on request.**

---
0801 Ground Ball Screw • Round Flanged Ball Nut

Regular inventory item (Machining on request)

Semi-product Reference Figure

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision Ground Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUG-0801-FS-C-R-C3</td>
<td>08/01</td>
<td>C3</td>
<td>850</td>
<td>1800</td>
<td>0.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BSUG-0801-FS-C-R-C5</td>
<td>08/01</td>
<td>C5</td>
<td>850</td>
<td>1800</td>
<td>0.8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Customer Name: __________________________ Date: __________________________
Tel: __________________________ e-mail: __________________________

Customer Designated Machining Drawing

- L1: Ordered length (out of specified dimensions).

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision Ground Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCG-0801-FS-C-R-C3</td>
<td>08/01</td>
<td>C3</td>
<td>850</td>
<td>1800</td>
<td>0.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BSCG-0801-FS-C-R-C5</td>
<td>08/01</td>
<td>C5</td>
<td>850</td>
<td>1800</td>
<td>0.8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

0801 Ground Ball Screw • Round Flanged Ball Nut

Regular inventory item (Machined mounting section)

Semi-product Reference Figure

- Customer required length ≤ L1 will be treated as a regular inventory item (as per the mounting section in the figure).
- Customer required length > L1 will be treated as a custom-made item.
- The figure dimensions are not indicated per scale.
- C0, C1 Precision grade shall be ordered on request.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision Ground Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSPG-0801-FS-51-90-RZ-C3</td>
<td>08/01</td>
<td>C3</td>
<td>850</td>
<td>1800</td>
<td>0.8</td>
<td>51</td>
<td>90</td>
</tr>
<tr>
<td>BSPG-0801-FS-71-110-RZ-C3</td>
<td>08/01</td>
<td>C3</td>
<td>850</td>
<td>1800</td>
<td>0.8</td>
<td>71</td>
<td>110</td>
</tr>
<tr>
<td>BSPG-0801-FS-51-90-RZ-C5</td>
<td>08/01</td>
<td>C5</td>
<td>850</td>
<td>1800</td>
<td>0.8</td>
<td>51</td>
<td>90</td>
</tr>
<tr>
<td>BSPG-0801-FS-71-110-RZ-C5</td>
<td>08/01</td>
<td>C5</td>
<td>850</td>
<td>1800</td>
<td>0.8</td>
<td>71</td>
<td>110</td>
</tr>
</tbody>
</table>
0801 Ground Ball Screw  ▶ Round Flanged Ball Nut

Regular inventory item (Machining on request)

Semi-product Reference Figure

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision Ground Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUG-0801-FS-□-□-RZ-C3</td>
<td>08/01</td>
<td>C3</td>
<td>850</td>
<td>1800</td>
<td>0.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BSUG-0801-FS-□-□-RZ-C5</td>
<td>08/01</td>
<td>C5</td>
<td>850</td>
<td>1800</td>
<td>0.8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Customer Name : __________________________ Date : __________________________
Tel : __________________________ e-mail : __________________________

Customer Designated Machining Drawing

- L1: Ordered length (out of specified dimensions).

0802 Ground Ball Screw  ▶ Round Flanged Ball Nut

Regular inventory item (Machined mounting section)

- Customer required length ≤ L1 will be treated as a regular inventory item (as per the mounting section in the figure).
- Customer required length > L1 will be treated as a custom-made item.
- The figure dimensions are not indicated per scale.
- C0, C1 Precision grade shall be ordered on request.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision Ground Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSPG-0802-FS-66-106-R-C3</td>
<td>08/02</td>
<td>C3</td>
<td>1700</td>
<td>3200</td>
<td>0.8</td>
<td>66</td>
<td>106</td>
</tr>
<tr>
<td>BSPG-0802-FS-66-106-R-C5</td>
<td>08/02</td>
<td>C5</td>
<td>1700</td>
<td>3200</td>
<td>0.8</td>
<td>66</td>
<td>106</td>
</tr>
</tbody>
</table>
0802 Ground Ball Screw  Round Flanged Ball Nut

Regular inventory item (Machined mounting section)

---

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./ Lead (mm)</th>
<th>Precision Ground Grade</th>
<th>Dynamic Load Ca (N)</th>
<th>Static Load Co (N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSPG-0802-FS-65-105-R-C3</td>
<td>08/02</td>
<td>C3</td>
<td>1700</td>
<td>3200</td>
<td>0.8</td>
<td>65</td>
<td>105</td>
</tr>
<tr>
<td>BSPG-0802-FS-65-105-R-C5</td>
<td>08/02</td>
<td>C5</td>
<td>1700</td>
<td>3200</td>
<td>0.8</td>
<td>65</td>
<td>105</td>
</tr>
</tbody>
</table>

- Customer required length ≤ L1 will be treated as a regular inventory item (as per the mounting section in the figure).
- Customer required length > L1 will be treated as a custom-made item.
- The figure dimensions are not indicated per scale.
- C0, C1 Precision grade shall be ordered on request.

---

www.gmtlinea r.com
0802 Ground Ball Screw Round Flanged Ball Nut

Regular inventory item (Machining on request)

Semi-product Reference Figure

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia.</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUG-0802-FS-□-□-R-C3</td>
<td>08/02</td>
<td>C3</td>
<td>1700</td>
<td>2300</td>
<td>0.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BSUG-0802-FS-□-□-R-C5</td>
<td>08/02</td>
<td>C5</td>
<td>1700</td>
<td>2300</td>
<td>0.8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Customer Name: ___________________________ Date: ___________________________
Tel: ___________________________ e-mail: ___________________________

Customer Designated Machining Drawing

- L1: Ordered length (out of specified dimensions).

1004 Ground Ball Screw Round Flanged Ball Nut

Regular inventory item (Machined mounting section)

Customer required length ≤L1 will be treated as a regular inventory item (as per the mounting section in the figure).
- Customer required length > L1 will be treated as a custom-made item.
- The figure dimensions are not indicated per scale.
- C0, C1 Precision grade shall be ordered on request.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia.</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSPG-1004-FS-110-170-R-C3</td>
<td>10/04</td>
<td>C3</td>
<td>2500</td>
<td>2800</td>
<td>2.0</td>
<td>110</td>
<td>170</td>
</tr>
<tr>
<td>BSPG-1004-FS-110-170-R-C5</td>
<td>10/04</td>
<td>C5</td>
<td>2500</td>
<td>2800</td>
<td>2.0</td>
<td>110</td>
<td>170</td>
</tr>
</tbody>
</table>
1004 Ground Ball Screw  •  Round Flanged Ball Nut

Regular inventory item (Machining on request)

Customer Designated Machining Drawing

Model No.  Shaft Dia./Lead (mm)  Precision  Ground Grade  Dynamic Load Ca(N)  Static Load Co(N)  Ball Dia. (mm)  Thread Length L1 (mm)  Total Length L (mm)
BSUG-1004-FS-□-□-R-C3  10/04  C3  2500  2800  2.0
BSUG-1004-FS-□-□-R-C5  10/04  C5  2500  2800  2.0

Customer Name : ____________________________  Date : ____________________________
Tel : ____________________________  e-mail : ____________________________

GMT machine on request per customer's drawing.
Or, customer may take machining dimensions as below configuration.

● L1: The ordered length (custom-made item out of specified dimensions).
● Mounting section can be machined by customer site or by GMT as per customer needs.
● The figure dimensions are not indicated per scale.

Model No.  Shaft Dia./Lead (mm)  Precision  Ground Grade  Dynamic Load Ca(N)  Static Load Co(N)  Ball Dia. (mm)  Thread Length L1 (mm)  Total Length L (mm)
BSCG-1004-FS-□-□-R-C3  10/04  C3
BSCG-1004-FS-□-□-R-C5  10/04  C5

0601 Ground Ball Screw  •  Rectangular Ball Nut

Regular inventory item (Machined mounting section)

Customer required length ≤L1 will be treated as a regular inventory item (as per the mounting section in the figure).
Customer required length > L1 will be treated as a custom-made item.
The figure dimensions are not indicated per scale.
C0, C1 Precision grade shall be ordered on request.

Model No.  Shaft Dia./Lead (mm)  Precision  Ground Grade  Dynamic Load Ca(N)  Static Load Co(N)  Ball Dia. (mm)  Thread Length L1 (mm)  Total Length L (mm)
BSPG-0601-RS-96.5-128.5-R-C3  06/01  C3  750  1330  0.8  96.5  128.5
BSPG-0601-RS-96.5-128.5-R-C5  06/01  C5  750  1330  0.8  96.5  128.5
0601 Ground Ball Screw • Rectangular Ball Nut

Regular inventory item (Machining on request)

Model No. | Shaft Dia./Lead (mm) | Precision Ground Grade | Dynamic Load Ca(N) | Static Load Co(N) | Ball Dia. (mm) | Thread Length L1 (mm) | Total Length L (mm) |
---|---|---|---|---|---|---|---|
BSUG-0601-RS-C3-R-C3 | 06/01 | C3 | 750 | 1330 | 0.8 |
BSUG-0601-RS-C3-R-C5 | 06/01 | C5 | 750 | 1330 | 0.8 |

Customer Name: ____________________________ Date: ____________________________
Tel: ____________________________ e-mail: ____________________________

Customer Designated Machining Drawing

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

Model No. | Shaft Dia./Lead (mm) | Precision Ground Grade | Dynamic Load Ca(N) | Static Load Co(N) | Ball Dia. (mm) | Thread Length L1 (mm) | Total Length L (mm) |
---|---|---|---|---|---|---|---|
BSCG-0601-RS-C3-R-C3 | 06/01 | C3 | 6.5 | 0 | 3 |
BSCG-0601-RS-C5-R-C5 | 06/01 | C5 | Ø4 | 0 | Ø6 |

0602 Ground Ball Screw • Rectangular Ball Nut

Regular inventory item (Machined mounting section)

Model No. | Shaft Dia./Lead (mm) | Precision Ground Grade | Dynamic Load Ca(N) | Static Load Co(N) | Ball Dia. (mm) | Thread Length L1 (mm) | Total Length L (mm) |
---|---|---|---|---|---|---|---|
BSPG-0602-RS-78-109-R-C5 | 06/02 | C5 | 470 | 590 | 0.8 | 78 | 109 |

- Customer required length ≤ L1 will be treated as a regular inventory item (as per the mounting section in the figure).
- Customer required length > L1 will be treated as a custom-made item.
- The figure dimensions are not indicated per scale.
- C0, C1 Precision grade shall be ordered on request.
### 0602 Ground Ball Screw - Rectangular Ball Nut

Regular inventory item (Machining on request)

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision Ground Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUG-0602-RS-□-□-R-C5</td>
<td>06/02</td>
<td>C5</td>
<td>470</td>
<td>590</td>
<td>0.8</td>
<td>4-M3x0.5x5.5L</td>
<td></td>
</tr>
</tbody>
</table>

- **L1:** The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

![Semi-product Reference Figure](image1)

**Customer Designated Machining Drawing**

![Customer Designated Machining Drawing](image2)

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision Ground Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCG-0602-RS-□-□-R-C5</td>
<td>06/02</td>
<td>C5</td>
</tr>
</tbody>
</table>

- **L1:** Ordered length (out of specified dimensions).

### 0801 Ground Ball Screw - Rectangular Ball Nut

Regular inventory item (Machined mounting section)

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision Ground Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSGP-0801-RS-47-74.5-R-C3</td>
<td>08/01</td>
<td>C3</td>
<td>1700</td>
<td>3200</td>
<td>0.8</td>
<td>47</td>
<td>74.5</td>
</tr>
<tr>
<td>BSGP-0801-RS-57-84.5-R-C3</td>
<td>08/01</td>
<td>C3</td>
<td>1700</td>
<td>3200</td>
<td>0.8</td>
<td>57</td>
<td>84.5</td>
</tr>
<tr>
<td>BSGP-0801-RS-47-74.5-R-C5</td>
<td>08/01</td>
<td>C5</td>
<td>1700</td>
<td>3200</td>
<td>0.8</td>
<td>47</td>
<td>74.5</td>
</tr>
<tr>
<td>BSGP-0801-RS-57-84.5-R-C5</td>
<td>08/01</td>
<td>C5</td>
<td>1700</td>
<td>3200</td>
<td>0.8</td>
<td>57</td>
<td>84.5</td>
</tr>
</tbody>
</table>

- **L1:** The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.
- C0, C1 Precision grade shall be ordered on request.

![Customer required length will be treated as a regular inventory item (as per the mounting section in the figure).](image3)

- Customer required length > L1 will be treated as a custom-made item.
- The figure dimensions are not indicated per scale.
- C0, C1 Precision grade shall be ordered on request.

---

**Customer Name:**
**Date:**
**Tel:**
**e-mail:**

---

GMT Global Inc.
www.gmtglobal.com
Model No. Shaft Dia./Lead (mm) Precision Ground Grade Dynamic Load Ca(N) Static Load Co(N) Ball Dia. (mm) Thread Length L1 (mm) Total Length L (mm)
BSPG-0801-RS-93-138-R-C3 08/01 C3 1700 3200 0.8 93 138
BSPG-0801-RS-118-163-R-C3 08/01 C3 1700 3200 0.8 118 163
BSPG-0801-RS-143-188-R-C3 08/01 C3 1700 3200 0.8 143 188
BSPG-0801-RS-93-138-R-C5 08/01 C5 1700 3200 0.8 93 138
BSPG-0801-RS-118-163-R-C5 08/01 C5 1700 3200 0.8 118 163
BSPG-0801-RS-143-188-R-C5 08/01 C5 1700 3200 0.8 143 188

- Customer required length ≥ L1 will be treated as a regular inventory item (as per the mounting section in the figure).
- Customer required length > L1 will be treated as a custom-made item.
- The figure dimensions are not indicated per scale.
- C0, C1 Precision grade shall be ordered on request.

L1: Ordered length (out of specified dimensions).
L1: The ordered length (custom-made item out of specified dimensions).

Customer Name: __________________ Date: __________________
Tel: __________________ e-mail: __________________

GMT machine on request per customer’s drawing. Or, customer may take machining dimensions as below configuration.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
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Note: L1 is the ordered length and can be custom-made.
### Model No. Shaft Dia./Lead(mm) Precision Ground Grade Dynamic Load Ca(N) Static Load Co(N) Ball Dia.(mm) Thread Length L1 (mm) Total Length L(mm)

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<th>92</th>
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**Note:**
- Customer required length \( \leq L_1 \) will be treated as a regular inventory item (as per the mounting section in the figure).
- Customer required length > \( L_1 \) will be treated as a custom-made item.
- The figure dimensions are not indicated per scale.
- C0, C1 Precision grade shall be ordered on request.

**Customer Name:** __________________________  **Tel:** __________________________  **Date:** __________________________

**e-mail:** __________________________

---

**Reference Figure**

- \( L_1 \): The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

**Model No.**  **Shaft Dia./Lead (mm)**  **Precision Grade**  **Dynamic Load Ca (N)**  **Static Load Co (N)**  **Ball Dia. (mm)**  **Thread Length L1 (mm)**  **Total Length L (mm)**

<table>
<thead>
<tr>
<th>Model No.</th>
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</tr>
</tbody>
</table>

**Note:**
- L1: Ordered length (out of specified dimensions).
- GMT machine on request per customer’s drawing.
- Or, customer may take machining dimensions as below configuration.
0804 Ground Ball Screw  •  Rectangular Ball Nut

Semi-product Reference Figure

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.
- C0, C1 Precision grade shall be ordered on request.

Customer Name: ____________________ Date: ____________________
Tel: ____________________ e-mail: ____________________

Customer Designated Machining Drawing

Model No. | Shaft Dia./Lead (mm) | Precision Grade | Dynamic Load Ca(N) | Static Load Co(N) | Ball Dia. (mm) | Thread Length L1 (mm) | Total Length L (mm) |
---|---|---|---|---|---|---|---|
BSUG-0804-RS-190-238-R-C3 | 08/04 | C3 | 2400 | 3500 | 0.8 | 190 | 238 |
BSUG-0804-RS-240-288-R-C3 | 08/04 | C3 | 2400 | 3500 | 0.8 | 240 | 288 |
BSUG-0804-RS-290-338-R-C3 | 08/04 | C3 | 2400 | 3500 | 0.8 | 290 | 338 |
BSUG-0804-RS-340-388-R-C3 | 08/04 | C3 | 2400 | 3500 | 0.8 | 340 | 388 |
BSUG-0804-RS-190-238-R-C5 | 08/04 | C5 | 2400 | 3500 | 0.8 | 190 | 238 |
BSUG-0804-RS-240-288-R-C5 | 08/04 | C5 | 2400 | 3500 | 0.8 | 240 | 288 |
BSUG-0804-RS-290-338-R-C5 | 08/04 | C5 | 2400 | 3500 | 0.8 | 290 | 338 |
BSUG-0804-RS-340-388-R-C5 | 08/04 | C5 | 2400 | 3500 | 0.8 | 340 | 388 |

Model No. | Shaft Dia./Lead (mm) | Precision Grade |
---|---|---|
BSCG-0804-RS-190-238-R-C3 | 08/04 | C3 |
BSCG-0804-RS-240-288-R-C3 | 08/04 | C3 |
BSCG-0804-RS-290-338-R-C3 | 08/04 | C5 |
BSCG-0804-RS-340-388-R-C5 | 08/04 | C5 |

● Customer required length ≤ L1 will be treated as a regular inventory item (as per the mounting section in the figure).
● Customer required length > L1 will be treated as a custom-made item.
● The figure dimensions are not indicated per scale.
● C0, C1 Precision grade shall be ordered on request.
### Model No. Specifications

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision</th>
<th>Ground Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
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<td>C5</td>
<td>1500</td>
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- **Model No.**
- **Shaft Dia./Lead (mm)**
- **Precision**
- **Ground Grade**
- **Dynamic Load Ca(N)**
- **Static Load Co(N)**
- **Ball Dia. (mm)**
- **Thread Length L1 (mm)**
- **Total Length L (mm)**

---

- **Customer required length ≤ L1** will be treated as a regular inventory item (as per the mounting section in the figure).
- **Customer required length > L1** will be treated as a custom-made item.
- **The figure dimensions are not indicated per scale.**
- **C0, C1 Precision grade shall be ordered on request.**

---

**Semi-product Reference Figure**

- **L1**: The ordered length (custom-made item out of specified dimensions).
- **Mounting section can be machined by customer site or by GMT as per customer needs.**
- **The figure dimensions are not indicated per scale.**

---

**Customer Designated Machining Drawing**

- **L1**: Ordered length (out of specified dimensions).
**1002 Ground Ball Screw □ Flanged Square Ball Nut**

Regular inventory item (Machined mounting section)

![Image of 1002 Ground Ball Screw](50)

- Customer required length ≤ L1 will be treated as a regular inventory item (as per the mounting section in the figure).
- Customer required length > L1 will be treated as a custom-made item.
- The figure dimensions are not indicated per scale.
- C0, C1 Precision grade shall be ordered on request.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision Ground Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
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<td>2950</td>
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<td>105</td>
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</tbody>
</table>

● L1: The ordered length (custom-made item out of specified dimensions).
● Mounting section can be machined by customer site or by GMT as per customer needs.
● The figure dimensions are not indicated per scale.

Customer Name: ___________________ Date: ___________________
Tel: ___________________ e-mail: ___________________

**Semi-product Reference Figure**

 GMT machine on request per customer's drawing.
 Or, customer may take machining dimensions as below configuration.

**Customer Designated Machining Drawing**

- L1: Ordered length (out of specified dimensions).

---

Customer Name: ___________________ Date: ___________________
Tel: ___________________ e-mail: ___________________
## 1202 Ground Ball Screw Flanged Square Ball Nut

**Regular inventory item (Machined mounting section)**

---

### Model Information
- **Model No.**
- **Shaft Dia./Lead (mm)**
- **Precision Grade**
- **Ground Grade**
- **Dynamic Load Ca(N)**
- **Static Load Co(N)**
- **Ball Dia. (mm)**
- **Thread Length L1 (mm)**
- **Total Length L (mm)**

<table>
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<th>Model No.</th>
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### Diagram
- **Reference Figure**
- **Semi-product**
- **Customer Designated Machining Drawing**

---

### Notes
- **Customer required length \( \leq L1 \) will be treated as a regular inventory item (as per the mounting section in the figure).**
- **Customer required length \( > L1 \) will be treated as a custom-made item.**
- The figure dimensions are not indicated per scale.
- **C0, C1 Precision grade shall be ordered on request.**

---

### OEM Information
- **Customer Name:**
- **Tel:**
- **e-mail:**

---

### Model No. Information
- **Model No.**
- **Shaft Dia./Lead (mm)**
- **Precision Grade**
- **Ground Grade**
- **Dynamic Load Ca(N)**
- **Static Load Co(N)**
- **Ball Dia. (mm)**
- **Thread Length L1 (mm)**
- **Total Length L (mm)**

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<th>Shaft Dia./Lead (mm)</th>
<th>Precision Grade</th>
<th>Ground Grade</th>
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### Notes
- **Customer Designated Machining Drawing**

---

### OEM Information
- **Customer Name:**
- **Tel:**
- **e-mail:**

---

### Model No. Information
- **Model No.**
- **Shaft Dia./Lead (mm)**
- **Precision Grade**
- **Ground Grade**
- **Dynamic Load Ca(N)**
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### Notes
- **Customer Designated Machining Drawing**

---

### OEM Information
- **Customer Name:**
- **Tel:**
- **e-mail:**

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### Model No. Information
- **Model No.**
- **Shaft Dia./Lead (mm)**
- **Precision Grade**
- **Ground Grade**
- **Dynamic Load Ca(N)**
- **Static Load Co(N)**
- **Ball Dia. (mm)**
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### Notes
- **Customer Designated Machining Drawing**

---

### OEM Information
- **Customer Name:**
- **Tel:**
- **e-mail:**

---

### Model No. Information
- **Model No.**
- **Shaft Dia./Lead (mm)**
- **Precision Grade**
- **Ground Grade**
- **Dynamic Load Ca(N)**
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<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCG-1202-TS-□-□-RZ-C3</td>
<td>12/02 C3</td>
<td>1650</td>
<td>3550</td>
<td>1.2</td>
<td>58</td>
<td>112</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BSCG-1202-TS-□-□-RZ-C5</td>
<td>12/02 C5</td>
<td>1650</td>
<td>3550</td>
<td>1.2</td>
<td>98</td>
<td>152</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
1602 Ground Ball Screw • Flanged Square Ball Nut

Regular inventory item (Machining on request)

Model No. | Shaft Dia./ Lead (mm) | Precision Grade | Dynamic Load Ca(N) | Static Load Co(N) | Ball Dia. (mm) | Thread Length L1 (mm) | Total Length L (mm)
--- | --- | --- | --- | --- | --- | --- | ---
BSUG-1602-TS-127-192-RZ-C3 | 16/02 | C3 | 1600 | 3000 | 1.5875 | 127 | 192
BSUG-1602-TS-147-212-RZ-C3 | 16/02 | C3 | 1600 | 3000 | 1.5875 | 147 | 212
BSUG-1602-TS-127-192-RZ-C5 | 16/02 | C5 | 1600 | 3000 | 1.5875 | 127 | 192

Customer Name: __________________ Date: __________________
Tel: __________________ e-mail: __________________

Customer Designated Machining Drawing

L1: The ordered length (custom-made item out of specified dimensions).
Mounting section can be machined by customer site or by GMT as per customer needs.
The figure dimensions are not indicated per scale.

Customer required length ≤ L1 will be treated as a regular inventory item (as per the mounting section in the figure).
Customer required length > L1 will be treated as a custom-made item.
The figure dimensions are not indicated per scale.
C0, C1 Precision grade shall be ordered on request.
Customer required length $\leq L1$ will be treated as a regular inventory item (as per the mounting section in the figure).

Customer required length $> L1$ will be treated as a custom-made item.

The figure dimensions are not indicated per scale.

C0, C1 Precision grade shall be ordered on request.

- **L1**: The ordered length (custom-made item out of specified dimensions).
- **L1**: The ordered length (custom-made item out of specified dimensions).
- **L1**: Mounted section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision Grade</th>
<th>Dynamic Load (N)</th>
<th>Static Load (N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSPG-1602-TS-87-153-R-C3</td>
<td>16/02</td>
<td>C3</td>
<td>1600</td>
<td>3000</td>
<td>1.5875</td>
<td>87</td>
<td>153</td>
</tr>
<tr>
<td>BSPG-1602-TS-87-153-R-C5</td>
<td>16/02</td>
<td>C5</td>
<td>1600</td>
<td>3000</td>
<td>1.5875</td>
<td>87</td>
<td>153</td>
</tr>
</tbody>
</table>

Customer Name: ___________________________  Date: __________

Tel: ___________________________  e-mail: ___________________________

**Model No.**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision Grade</th>
<th>Dynamic Load (N)</th>
<th>Static Load (N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCG-1602-TS-87-153-R-C3</td>
<td>16/02</td>
<td>C3</td>
<td>1600</td>
<td>3000</td>
<td>1.5875</td>
<td>87</td>
<td>153</td>
</tr>
<tr>
<td>BSCG-1602-TS-87-153-R-C5</td>
<td>16/02</td>
<td>C5</td>
<td>1600</td>
<td>3000</td>
<td>1.5875</td>
<td>87</td>
<td>153</td>
</tr>
</tbody>
</table>

- **L1**: Ordered length (out of specified dimensions).
1604 Ground Ball Screw  ▪ Flanged Square Ball Nut

Regular inventory item (Machined mounting section)

---

1604 Ground Ball Screw  ▪ Flanged Square Ball Nut

Regular inventory item (Machining on request)

---

Model No. | Shaft Dia./Lead (mm) | Precision | Ground Grade | Dynamic Load | Static Load | Ball Dia. (mm) | Thread Length L1 (mm) | Total Length L (mm)
---|---|---|---|---|---|---|---|---
BSPG-1604-TS-87-155-R-C3 | 16/04 | C3 | 4350 | 8600 | 2.3812 | 87 | 155
BSPG-1604-TS-87-155-R-C5 | 16/04 | C5 | 4350 | 8600 | 2.3812 | 87 | 155

---

Model No. | Shaft Dia./Lead (mm) | Precision | Ground Grade | Dynamic Load | Static Load | Ball Dia. (mm) | Thread Length L1 (mm) | Total Length L (mm)
---|---|---|---|---|---|---|---|---
BSUG-1604-TS-87-155-R-C3 | 16/04 | C3 | 4350 | 8600 | 2.3812 | 87 | 155
BSUG-1604-TS-87-155-R-C5 | 16/04 | C5 | 4350 | 8600 | 2.3812 | 87 | 155

---

- Customer required length ≤ L1 will be treated as a regular inventory item (as per the mounting section in the figure).
- Customer required length > L1 will be treated as a custom-made item.
- The figure dimensions are not indicated per scale.
- C0, C1 Precision grade shall be ordered on request.

---

Customer Name: __________________________  Date: __________________________

Tel: __________________________  e-mail: __________________________

---

Model No. | Shaft Dia./Lead (mm) | Precision | Ground Grade | Dynamic Load | Static Load | Ball Dia. (mm) | Thread Length L1 (mm) | Total Length L (mm)
---|---|---|---|---|---|---|---|---
BSCG-1604-TS-87-155-R-C3 | 16/04 | C3 | 4350 | 8600 | 2.3812 | 87 | 155
BSCG-1604-TS-87-155-R-C5 | 16/04 | C5 | 4350 | 8600 | 2.3812 | 87 | 155

---

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

---

Customer Designated Machining Drawing

---

Semi-product Reference Figure

- L1: Ordered length (out of specified dimensions).
- GMT machine on request per customer’s drawing.
- Or, customer may take machining dimensions as below configuration.

---

Customer Name: __________________________  Date: __________________________

Tel: __________________________  e-mail: __________________________

---

Model No. | Shaft Dia./Lead (mm) | Precision | Ground Grade | Dynamic Load | Static Load | Ball Dia. (mm) | Thread Length L1 (mm) | Total Length L (mm)
---|---|---|---|---|---|---|---|---
BSCG-1604-TS-87-155-R-C3 | 16/04 | C3 | 4350 | 8600 | 2.3812 | 87 | 155
BSCG-1604-TS-87-155-R-C5 | 16/04 | C5 | 4350 | 8600 | 2.3812 | 87 | 155

---

Customer Designated Machining Drawing

---

Semi-product Reference Figure

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

---

Customer Name: __________________________  Date: __________________________

Tel: __________________________  e-mail: __________________________

---

Model No. | Shaft Dia./Lead (mm) | Precision | Ground Grade | Dynamic Load | Static Load | Ball Dia. (mm) | Thread Length L1 (mm) | Total Length L (mm)
---|---|---|---|---|---|---|---|---
BSCG-1604-TS-87-155-R-C3 | 16/04 | C3 | 4350 | 8600 | 2.3812 | 87 | 155
BSCG-1604-TS-87-155-R-C5 | 16/04 | C5 | 4350 | 8600 | 2.3812 | 87 | 155

---

Customer Designated Machining Drawing

---

Semi-product Reference Figure

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

---

Customer Name: __________________________  Date: __________________________

Tel: __________________________  e-mail: __________________________

---

Model No. | Shaft Dia./Lead (mm) | Precision | Ground Grade | Dynamic Load | Static Load | Ball Dia. (mm) | Thread Length L1 (mm) | Total Length L (mm)
---|---|---|---|---|---|---|---|---
BSCG-1604-TS-87-155-R-C3 | 16/04 | C3 | 4350 | 8600 | 2.3812 | 87 | 155
BSCG-1604-TS-87-155-R-C5 | 16/04 | C5 | 4350 | 8600 | 2.3812 | 87 | 155

---

Customer Designated Machining Drawing

---

Semi-product Reference Figure

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

---

Customer Name: __________________________  Date: __________________________

Tel: __________________________  e-mail: __________________________

---

Model No. | Shaft Dia./Lead (mm) | Precision | Ground Grade | Dynamic Load | Static Load | Ball Dia. (mm) | Thread Length L1 (mm) | Total Length L (mm)
---|---|---|---|---|---|---|---|---
BSCG-1604-TS-87-155-R-C3 | 16/04 | C3 | 4350 | 8600 | 2.3812 | 87 | 155
BSCG-1604-TS-87-155-R-C5 | 16/04 | C5 | 4350 | 8600 | 2.3812 | 87 | 155

---

Customer Designated Machining Drawing

---

Semi-product Reference Figure

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

---

Customer Name: __________________________  Date: __________________________

Tel: __________________________  e-mail: __________________________

---

Model No. | Shaft Dia./Lead (mm) | Precision | Ground Grade | Dynamic Load | Static Load | Ball Dia. (mm) | Thread Length L1 (mm) | Total Length L (mm)
---|---|---|---|---|---|---|---|---
BSCG-1604-TS-87-155-R-C3 | 16/04 | C3 | 4350 | 8600 | 2.3812 | 87 | 155
BSCG-1604-TS-87-155-R-C5 | 16/04 | C5 | 4350 | 8600 | 2.3812 | 87 | 155

---

Customer Designated Machining Drawing

---

Semi-product Reference Figure

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

---

Customer Name: __________________________  Date: __________________________

Tel: __________________________  e-mail: __________________________

---

Model No. | Shaft Dia./Lead (mm) | Precision | Ground Grade | Dynamic Load | Static Load | Ball Dia. (mm) | Thread Length L1 (mm) | Total Length L (mm)
---|---|---|---|---|---|---|---|---
BSCG-1604-TS-87-155-R-C3 | 16/04 | C3 | 4350 | 8600 | 2.3812 | 87 | 155
BSCG-1604-TS-87-155-R-C5 | 16/04 | C5 | 4350 | 8600 | 2.3812 | 87 | 155

---

Customer Designated Machining Drawing
1604 Ground Ball Screw  Flanged Square Ball Nut

Regular inventory item (Machined mounting section)

Semi-product Reference Figure

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

Customer Name: ____________________ Date: ____________________

Tel: ____________________ e-mail: ____________________

Customer Designated Machining Drawing

- Model No.
  - BSUG-1604-TS-O-RZ-C3: 16/04 C3 4350 8600 2.3812
  - BSUG-1604-TS-O-RZ-C5: 16/04 C5 4350 8600 2.3812

L1: Ordered length (out of specified dimensions).
2002 Ground Ball Screw  Flanged Square Ball Nut

Regular inventory item (Machined mounting section)

- Customer required length ≤ L1 will be treated as a regular inventory item (as per the mounting section in the figure).
- Customer required length > L1 will be treated as a custom-made item.
- The figure dimensions are not indicated per scale.
- C0, C1 Precision grade shall be ordered on request.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision Grade</th>
<th>Dynamic Load Ca (N)</th>
<th>Static Load Co (N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSPG-2002-TS-125-203-R-C3</td>
<td>20/02</td>
<td>C3</td>
<td>4800</td>
<td>10900</td>
<td>2.3812</td>
<td>125</td>
<td>203</td>
</tr>
<tr>
<td>BSPG-2002-TS-125-203-R-C5</td>
<td>20/02</td>
<td>C5</td>
<td>4800</td>
<td>10900</td>
<td>2.3812</td>
<td>125</td>
<td>203</td>
</tr>
</tbody>
</table>

L1: The ordered length (custom-made item out of specified dimensions).

Mounting section can be machined by customer site or by GMT as per customer needs.

The figure dimensions are not indicated per scale.

Customer Designated Machining Drawing

- L1: Ordered length (out of specified dimensions).

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision Grade</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCG-2002-TS-125-203-R-C3</td>
<td>20/02</td>
<td>C3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BSCG-2002-TS-125-203-R-C5</td>
<td>20/02</td>
<td>C5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

GMT machine on request per customer’s drawing.

Or, customer may take machining dimensions as below figure configuration.
<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./ Lead (mm)</th>
<th>Precision Ground Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUG-2002-TS-195-275-RZ-C3</td>
<td>20/02</td>
<td>C3</td>
<td>4800</td>
<td>10900</td>
<td>2.3812</td>
<td>195</td>
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<tr>
<td>BSUG-2002-TS-225-305-RZ-C3</td>
<td>20/02</td>
<td>C3</td>
<td>4800</td>
<td>10900</td>
<td>2.3812</td>
<td>225</td>
<td>305</td>
</tr>
<tr>
<td>BSUG-2002-TS-195-275-RZ-C5</td>
<td>20/02</td>
<td>C5</td>
<td>4800</td>
<td>10900</td>
<td>2.3812</td>
<td>195</td>
<td>275</td>
</tr>
<tr>
<td>BSUG-2002-TS-225-305-RZ-C5</td>
<td>20/02</td>
<td>C5</td>
<td>4800</td>
<td>10900</td>
<td>2.3812</td>
<td>225</td>
<td>305</td>
</tr>
</tbody>
</table>

- **Model No.**
- **Shaft Dia./ Lead (mm):**
- **Precision Ground Grade:**
- **Dynamic Load Ca(N):**
- **Static Load Co(N):**
- **Ball Dia. (mm):**
- **Thread Length L1 (mm):**
- **Total Length L (mm):**

**Note:**
- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.
Customer required length L1 will be treated as a regular inventory item (as per the mounting section in the figure).

Customer required length > L1 will be treated as a custom-made item.

The figure dimensions are not indicated per scale.

C0, C1 Precision grade shall be ordered on request.

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

### Semi-product Reference Figure

![Semi-product Reference Figure](image)

- GMT machine on request per customer’s drawing.
- Or, customer may take machining dimensions as below configuration.

### Table: Semi-product Reference Figure

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
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<td>20/04</td>
<td>C3</td>
<td>4800</td>
<td>10900</td>
<td>2.3812</td>
<td>125</td>
<td>205</td>
</tr>
<tr>
<td>BSPG-2004-TS-125-205-R-C5</td>
<td>20/04</td>
<td>C5</td>
<td>4800</td>
<td>10900</td>
<td>2.3812</td>
<td>125</td>
<td>205</td>
</tr>
</tbody>
</table>

### Customer Designated Machining Drawing

- L1: Ordered length (out of specified dimensions).

![Customer Designated Machining Drawing](image)

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCG-2004-TS-125-205-R-C3</td>
<td>20/04</td>
<td>C3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BSCG-2004-TS-125-205-R-C5</td>
<td>20/04</td>
<td>C5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
2004 Ground Ball Screw Flanged Square Ball Nut

Regular inventory item (Machined mounting section)

Model No. Shaft Dia./Lead (mm) Precision Ground Grade Dynamic Load Ca(N) Static Load Co(N) Ball Dia. (mm) Thread Length L1 (mm) Total Length L (mm)

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision Ground Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUG-2004-TS-195-275-RZ-C5</td>
<td>20/04</td>
<td>C5</td>
<td>4800</td>
<td>10900</td>
<td>2.3812</td>
<td>225</td>
<td>305</td>
</tr>
</tbody>
</table>

Customer Name: ___________________________ Date: _______________________
Tel: ___________________________ e-mail: ___________________________

Customer Designated Machining Drawing

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

Model No. Shaft Dia./Lead (mm) Precision Ground Grade Dynamic Load Ca(N) Static Load Co(N) Ball Dia. (mm) Thread Length L1 (mm) Total Length L (mm)

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision Ground Grade</th>
<th>Dynamic Load Ca(N)</th>
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<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCG-2004-TS-195-275-RZ-C5</td>
<td>20/04</td>
<td>C5</td>
<td>4800</td>
<td>10900</td>
<td>2.3812</td>
<td>225</td>
<td>305</td>
</tr>
</tbody>
</table>

 GMT machine on request per customer’s drawing.
 Or, customer may take machining dimensions as below figuration.

● Customer required length ≤ L1 will be treated as a regular inventory item (as per the mounting section in the figure).
● Customer required length > L1 will be treated as a custom-made item.
● The figure dimensions are not indicated per scale.
● C0, C1 Precision grade shall be ordered on request.

www.gmtlinear.com
040.5 Ground Ball Screw  • Threaded Ball Nut

Regular inventory item (Machined mounting section)

Model No. | Shaft Dia./Lead (mm) | Precision Grade | Dynamic Load Ca(N) | Static Load Co(N) | Ball Dia. (mm) | Thread Length L1 (mm) | Total Length L (mm)
---|---|---|---|---|---|---|---
BSPG-040.5-ZS-47-81-RZ-C3 | 04/0.5 | C3 | 125 | 140 | 0.5 | 47 | 81
BSPG-040.5-ZS-47-81-RZ-C5 | 04/0.5 | C5 | 125 | 140 | 0.5 | 47 | 81

Customer Name: ___________________ Date: ___________________
Tel: ___________________ e-mail: ___________________

● L1: The ordered length (custom-made item out of specified dimensions).
● Mounting section can be machined by customer site or by GMT as per customer needs.
● The figure dimensions are not indicated per scale.

Customer Designated Machining Drawing

Model No. | Shaft Dia./Lead (mm) | Precision Grade | Dynamic Load Ca(N) | Static Load Co(N) | Ball Dia. (mm) | Thread Length L1 (mm) | Total Length L (mm)
---|---|---|---|---|---|---|---
BSCG-040.5-ZS-47-81-RZ-C3 | 04/0.5 | C3 | 125 | 140 | 0.5 | 47 | 81
BSCG-040.5-ZS-47-81-RZ-C5 | 04/0.5 | C5 | 125 | 140 | 0.5 | 47 | 81

GMT machine on request per customer’s drawing.
Or, customer may take machining dimensions as below figuration.

● L1: Ordered length (out of specified dimensions).
0601 Ground Ball Screw  ◁ Threaded Ball Nut

Regular inventory item (Machined mounting section)

• Customer required length ≤ L1 will be treated as a regular inventory item (as per the mounting section in the figure).
• Customer required length > L1 will be treated as a custom-made item.
• The figure dimensions are not indicated per scale.
• C0, C1 Precision grade shall be ordered on request.

<table>
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<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision Ground Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSPG-0601-ZS-30-55-RZ-C3</td>
<td>06/01</td>
<td>C3</td>
<td>750</td>
<td>1330</td>
<td>0.8</td>
<td>30</td>
<td>55</td>
</tr>
<tr>
<td>BSPG-0601-ZS-23-48-RZ-C3</td>
<td>06/01</td>
<td>C3</td>
<td>750</td>
<td>1330</td>
<td>0.8</td>
<td>23</td>
<td>48</td>
</tr>
<tr>
<td>BSPG-0601-ZS-30-55-RZ-C5</td>
<td>06/01</td>
<td>C5</td>
<td>750</td>
<td>1330</td>
<td>0.8</td>
<td>30</td>
<td>55</td>
</tr>
<tr>
<td>BSPG-0601-ZS-23-48-RZ-C5</td>
<td>06/01</td>
<td>C5</td>
<td>750</td>
<td>1330</td>
<td>0.8</td>
<td>23</td>
<td>48</td>
</tr>
</tbody>
</table>

Semi-product
Reference Figure

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Precision Ground Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUG-0601-ZS-30-55-RZ-C3</td>
<td>06/01</td>
<td>C3</td>
<td>750</td>
<td>1330</td>
<td>0.8</td>
<td>30</td>
<td>55</td>
</tr>
<tr>
<td>BSUG-0601-ZS-23-48-RZ-C5</td>
<td>06/01</td>
<td>C5</td>
<td>750</td>
<td>1330</td>
<td>0.8</td>
<td>23</td>
<td>48</td>
</tr>
</tbody>
</table>

Customer Name : __________________ Date : ____________
Tel : __________________________ e-mail : ____________

Customer Designated Machining Drawing

- L1: Ordered length (out of specified dimensions).
Customer Name : __________________ Date : __________________
Tel : __________________ e-mail : __________________

Semi-product
Reference Figure

 GMT machine on request per customer’s drawing.
 Or, customer may take machining dimensions as below figuration.

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

Customer Designated
Machining Drawing

- L1: Ordered length (out of specified dimensions).

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./ Lead (mm)</th>
<th>Precision Ground Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUG-0601-ZS-38-65.5-R-C3</td>
<td>06/01</td>
<td>C3</td>
<td>750</td>
<td>1330</td>
<td>0.8</td>
<td>38</td>
<td>65.5</td>
</tr>
<tr>
<td>BSUG-0601-ZS-38-65.5-R-C5</td>
<td>06/01</td>
<td>C5</td>
<td>750</td>
<td>1330</td>
<td>0.8</td>
<td>38</td>
<td>65.5</td>
</tr>
<tr>
<td>BSUG-0601-ZS-38-65.5-R-C3</td>
<td>06/01</td>
<td>C3</td>
<td>58.5</td>
<td>86</td>
<td>0.8</td>
<td>58.5</td>
<td>86</td>
</tr>
<tr>
<td>BSUG-0601-ZS-38-65.5-R-C5</td>
<td>06/01</td>
<td>C5</td>
<td>58.5</td>
<td>86</td>
<td>0.8</td>
<td>58.5</td>
<td>86</td>
</tr>
</tbody>
</table>

- Customer required length ≤ L1 will be treated as a regular inventory item (as per the mounting section in the figure).
- Customer required length > L1 will be treated as a custom-made item.
- The figure dimensions are not indicated per scale.
- C0, C1 Precision grade shall be ordered on request.
0601 Rolled Ball Screw  ● Round Flanged Ball Nut

Regular inventory item (Machined mounting section)

Model No. (Machined mounting section):
BSPR-0601-FS-21-51-R-C5
06/01 C5

Model No. Shaft Dia./ Lead (mm) Rolled Grade Dynamic Load Ca(N) Static Load Co(N) Ball Dia. (mm) Thread Length L1 (mm) Total Length L (mm)
BSPR-0601-FS-21-51-R-C5 06/01 C5 750 1330 0.8 20 51

● L1: The ordered length (custom-made item out of specified dimensions).
● Mounting section can be machined by customer site or by GMT as per customer needs.
● The figure dimensions are not indicated per scale.

Semi-product Reference Figure

● L1: The ordered length (custom-made item out of specified dimensions).
● Mounting section can be machined by customer site or by GMT as per customer needs.
● The figure dimensions are not indicated per scale.

Customer Name : __________________ Date : __________________
Tel : __________________ e-mail : __________________

Customer Designated Machining Drawing

Model No. Shaft Dia./ Lead (mm) Rolled Grade
BSCR-0601-FS□□□-R-C5 06/01 C5

● L1: Ordered length (out of specified dimensions).
● L1: The ordered length (custom-made item out of specified dimensions).
● Mounting section can be machined by customer site or by GMT as per customer needs.
● The figure dimensions are not indicated per scale.

---

**Table:**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSPR-0601-FS-23-55-R-C5</td>
<td>06/01</td>
<td>C5</td>
<td>750</td>
<td>1330</td>
<td>0.8</td>
<td>23</td>
<td>55</td>
</tr>
<tr>
<td>BSCR-0601-FS-42-79-RT-C5</td>
<td>06/01</td>
<td>C5</td>
<td>750</td>
<td>1330</td>
<td>0.8</td>
<td>42</td>
<td>79</td>
</tr>
</tbody>
</table>

---

**Customer Designated Machining Drawing**

---

**Customer Name:**

**Date:**

**Tel:**

**e-mail:**

---
**Model No.** | ** Shaft Dia./ Lead (mm)** | **Rolled Grade** | **Dynamic Load C_a(N)** | **Static Load C_o(N)** | **Ball Dia. (mm)** | **Thread Length L1 (mm)** | **Total Length L (mm)**
---|---|---|---|---|---|---|---
BSPR-0601-FS-36-79-R-C5 | 06/01 | C5 | 750 | 1330 | 0.8 | 36 | 79

**Model No.** | ** Shaft Dia./ Lead (mm)** | **Rolled Grade** | **Dynamic Load C_a(N)** | **Static Load C_o(N)** | **Ball Dia. (mm)** | **Thread Length L1 (mm)** | **Total Length L (mm)**
---|---|---|---|---|---|---|---
BSPR-0601-FS-42.5-85-R-C5 | 06/01 | C5 | 750 | 1330 | 0.8 | 42.5 | 85

**Model No.** | ** Shaft Dia./ Lead (mm)** | **Rolled Grade** | **Dynamic Load C_a(N)** | **Static Load C_o(N)** | **Ball Dia. (mm)** | **Thread Length L1 (mm)** | **Total Length L (mm)**
---|---|---|---|---|---|---|---
BSPR-0601-FS-48.5-85-R-C5 | 06/01 | C5 | 750 | 1330 | 0.8 | 48.5 | 85
0601 Rolled Ball Screw  ◦ Round Flanged Ball Nut

Regular inventory item (Machining on request)

<table>
<thead>
<tr>
<th>Semi-product Reference Figure</th>
</tr>
</thead>
</table>

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Customer Designated Machining Drawing</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUR-0601-FS-R-C5 06/01</td>
<td>C5</td>
<td>750</td>
<td>1330</td>
<td>0.8</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Customer Name: __________________ Date: __________________
Tel: __________________ e-mail: __________________

0602 Rolled Ball Screw  ◦ Round Flanged Ball Nut

Regular inventory item (Machining on request)

<table>
<thead>
<tr>
<th>Semi-product Reference Figure</th>
</tr>
</thead>
</table>

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Customer Designated Machining Drawing</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUR-0602-FS-R-C5 06/02</td>
<td>C5</td>
<td>470</td>
<td>590</td>
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<td></td>
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</table>

Customer Name: __________________ Date: __________________
Tel: __________________ e-mail: __________________
### Model No. 0801 Rolled Ball Screw  
**Round Flanged Ball Nut**

Regular inventory item (Machined mounting section)

#### Model No. 0801-FS-42-72.9-R-C5

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead(mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load (Ca(N))</th>
<th>Static Load (Co(N))</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0801</td>
<td>C5</td>
<td>850</td>
<td>1800</td>
<td>0.8</td>
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<td>72.9</td>
<td>42</td>
</tr>
</tbody>
</table>

- **L1**: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

#### Model No. 0801-FS-42-73-R-C5

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead(mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load (Ca(N))</th>
<th>Static Load (Co(N))</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0801</td>
<td>C5</td>
<td>850</td>
<td>1800</td>
<td>0.8</td>
<td>42</td>
<td>73</td>
<td>42</td>
</tr>
</tbody>
</table>

- **L1**: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

#### Model No. 0801-FS-51-90-R-C5

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead(mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load (Ca(N))</th>
<th>Static Load (Co(N))</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0801</td>
<td>C5</td>
<td>850</td>
<td>1800</td>
<td>0.8</td>
<td>51</td>
<td>90</td>
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</table>

- **L1**: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.
### Model No. BSPR-0801-FS-95-134-R-C5

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Lead (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
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</thead>
<tbody>
<tr>
<td>Ø8</td>
<td>16</td>
<td>7</td>
<td>92</td>
<td>C5</td>
<td>850</td>
<td>1800</td>
</tr>
</tbody>
</table>

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

### Model No. BSPR-0801-FS-86-125-R-C5

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Lead (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø8</td>
<td>16</td>
<td>7</td>
<td>92</td>
<td>C5</td>
<td>850</td>
<td>1800</td>
</tr>
</tbody>
</table>

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

### Model No. BSPR-0801-FS-45-94-R-C5

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Lead (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø8</td>
<td>16</td>
<td>7</td>
<td>92</td>
<td>C5</td>
<td>850</td>
<td>1800</td>
</tr>
</tbody>
</table>

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

### Model No. BSPR-0801-FS-46-85-R-C5

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Lead (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø8</td>
<td>16</td>
<td>7</td>
<td>92</td>
<td>C5</td>
<td>850</td>
<td>1800</td>
</tr>
</tbody>
</table>

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.
0801 Rolled Ball Screw  Round Flanged Ball Nut

Semi-product Reference Figure

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUR-0801-FS-□-□-R-C5</td>
<td>08/01</td>
<td>C5</td>
<td>850</td>
<td>1800</td>
<td>0.8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Customer Name: ______________________  Date: ______________________
Tel: ______________________  e-mail: ______________________

Customer Designated Machining Drawing

- L1: Ordered length (out of specified dimensions).

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCR-0801-FS-□-□-R-C5</td>
<td>08/01</td>
<td>C5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
0801 Rolled Ball Screw  •  Round Flanged Ball Nut

Regular inventory item (Machining on request)

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./ Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUR-0801-FS-C5-08/01</td>
<td>0.8</td>
<td>C5</td>
<td>850</td>
<td>1800</td>
<td>850</td>
<td>1800</td>
<td>1800</td>
</tr>
</tbody>
</table>

Customer Name: ___________________________ Date: ___________________________
Tel: ___________________________ e-mail: ___________________________

Customer Designated Machining Drawing

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./ Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUR-0801-FS-C5-08/01</td>
<td>0.8</td>
<td>C5</td>
<td>850</td>
<td>1800</td>
<td>850</td>
<td>1800</td>
<td>1800</td>
</tr>
</tbody>
</table>

0802 Rolled Ball Screw  •  Round Flanged Ball Nut

Regular inventory item (Machined mounting section)

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./ Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUR-0801-FS-C5-08/01</td>
<td>0.8</td>
<td>C5</td>
<td>850</td>
<td>1800</td>
<td>850</td>
<td>1800</td>
<td>1800</td>
</tr>
</tbody>
</table>

Customer Name: ___________________________ Date: ___________________________
Tel: ___________________________ e-mail: ___________________________

Customer Designated Machining Drawing

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./ Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUR-0801-FS-C5-08/01</td>
<td>0.8</td>
<td>C5</td>
<td>850</td>
<td>1800</td>
<td>850</td>
<td>1800</td>
<td>1800</td>
</tr>
</tbody>
</table>
● L1: The ordered length (custom-made item out of specified dimensions).
● Mounting section can be machined by customer site or by GMT as per customer needs.
● The figure dimensions are not indicated per scale.

Customer Name: ____________________ Date: ____________________
Tel: ____________________ e-mail: ____________________
### 0802 Rolled Ball Screw  •  Round Flanged Ball Nut

**Regular inventory item (Machined mounting section)**

#### Semi-product Reference Figure

- **L1**: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
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<td>08/02</td>
<td>C5</td>
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<td>3200</td>
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<td>105</td>
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**Customer Designated Machining Drawing**

- **L1**: Ordered length (out of specified dimensions).

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
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</thead>
<tbody>
<tr>
<td>BSCR-0802-FS-□-□-R-C5</td>
<td>08/02</td>
<td>C5</td>
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<td></td>
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</tr>
</tbody>
</table>
0601 Rolled Ball Screw  Rectangular Ball Nut

Regular inventory item (Machined mounting section)

● L1: The ordered length (custom-made item out of specified dimensions).
● Mounting section can be machined by customer site or by GMT as per customer needs.
● The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUR-0601-RS-C5</td>
<td>06/01</td>
<td>C5</td>
<td>750</td>
<td>1330</td>
<td>0.8</td>
<td>96.5</td>
<td>128.5</td>
</tr>
</tbody>
</table>

Semi-product
Reference Figure

Customer Name : __________________  Date : __________________
Tel : __________________________  e-mail : __________________

Customer
Designated
Machining Drawing

Model No.  Shaft Dia./Lead (mm)  Rolled Grade
BSUR-0601-RS-C5  06/01  C5

L1: The ordered length (Out of specified dimensions).
**0602 Rolled Ball Screw**  
● **Rectangular Ball Nut**

Regular inventory item (Machined mounting section)

**Model No.** | **Shaft Dia./Lead (mm)** | **Rolled Grade** | **Dynamic Load Ca (N)** | **Static Load Co (N)** | **Ball Dia. (mm)** | **Thread Length L1 (mm)** | **Total Length L (mm)**
---|---|---|---|---|---|---|---
BSPR-0602-RS-78-109-R-C5 | 06/02 | C5 | 470 | 590 | 0.8 | 78 | 109

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

Customer Name : __________________ Date : __________________
Tel : __________________ e-mail : __________________

Semi-product Reference Figure

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca (N)</th>
<th>Static Load Co (N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
</table>
| BSUR-0602-FS-□-□-R-C5 | 06/02 | C5 | 470 | 590 | 0.8 | 78 | 109

Customer Designated Machining Drawing

- L1: Ordered length (out of specified dimensions).
0801 Rolled Ball Screw  • Rectangular Ball Nut

Regular inventory item (Machined mounting section)

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUR-0801-RS-47-74.5-R-C5</td>
<td>08/01</td>
<td>C5</td>
<td>1700</td>
<td>3200</td>
<td>0.8</td>
<td>47</td>
<td>74.5</td>
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<tr>
<td>BSUR-0801-RS-57-84.5-R-C5</td>
<td>08/01</td>
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<td>1700</td>
<td>3200</td>
<td>0.8</td>
<td>57</td>
<td>84.5</td>
</tr>
</tbody>
</table>

Semi-product Reference Figure

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUR-0801-RS-93-138-R-C5</td>
<td>08/01</td>
<td>C5</td>
<td>1700</td>
<td>3200</td>
<td>0.8</td>
<td>93</td>
<td>138</td>
</tr>
<tr>
<td>BSUR-0801-RS-118-163-R-C5</td>
<td>08/01</td>
<td>C5</td>
<td>1700</td>
<td>3200</td>
<td>0.8</td>
<td>118</td>
<td>163</td>
</tr>
<tr>
<td>BSUR-0801-RS-143-188-R-C5</td>
<td>08/01</td>
<td>C5</td>
<td>1700</td>
<td>3200</td>
<td>0.8</td>
<td>143</td>
<td>188</td>
</tr>
</tbody>
</table>

Customer Name: ____________________  Date: ____________________
Tel: ____________________  e-mail: ____________________

Customer Designated Machining Drawing

- L1: Ordered length (out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCR-0801-RS-□-□-R-C5</td>
<td>08/01</td>
<td>C5</td>
<td>1700</td>
<td>3200</td>
<td>0.8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

www.gmtlinear.com
0802 Rolled Ball Screw  ▪ Rectangular Ball Nut

Regular inventory item (Machined mounting section)

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUR-0802-RS-92-138-R-C5</td>
<td>08/02</td>
<td>C5</td>
<td>1700</td>
<td>3200</td>
<td>0.8</td>
<td>92</td>
<td>138</td>
</tr>
<tr>
<td>BSUR-0802-RS-117-163-R-C5</td>
<td>08/02</td>
<td>C5</td>
<td>1700</td>
<td>3200</td>
<td>0.8</td>
<td>117</td>
<td>163</td>
</tr>
<tr>
<td>BSUR-0802-RS-142-188-R-C5</td>
<td>08/02</td>
<td>C5</td>
<td>1700</td>
<td>3200</td>
<td>0.8</td>
<td>142</td>
<td>188</td>
</tr>
<tr>
<td>BSUR-0802-RS-192-238-R-C5</td>
<td>08/02</td>
<td>C5</td>
<td>1700</td>
<td>3200</td>
<td>0.8</td>
<td>192</td>
<td>238</td>
</tr>
<tr>
<td>BSUR-0802-RS-242-288-R-C5</td>
<td>08/02</td>
<td>C5</td>
<td>1700</td>
<td>3200</td>
<td>0.8</td>
<td>242</td>
<td>288</td>
</tr>
<tr>
<td>BSUR-0802-RS-292-338-R-C5</td>
<td>08/02</td>
<td>C5</td>
<td>1700</td>
<td>3200</td>
<td>0.8</td>
<td>292</td>
<td>338</td>
</tr>
<tr>
<td>BSUR-0802-RS-342-388-R-C5</td>
<td>08/02</td>
<td>C5</td>
<td>1700</td>
<td>3200</td>
<td>0.8</td>
<td>342</td>
<td>388</td>
</tr>
</tbody>
</table>

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

Customer Name: ____________________ Date: ____________
Tel: ____________________ e-mail: ____________________
0804 Rolled Ball Screw  Rectangular Ball Nut

Regular inventory item (Machined mounting section)

0804 Rolled Ball Screw  Rectangular Ball Nut

Regular inventory item (Machining on request)

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca (N)</th>
<th>Static Load Co (N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUR-0804-RS-190-R-C5</td>
<td>08/04</td>
<td>C5</td>
<td>2400</td>
<td>3500</td>
<td>0.8</td>
<td>190</td>
<td>238</td>
</tr>
<tr>
<td>BSUR-0804-RS-240-R-C5</td>
<td>08/04</td>
<td>C5</td>
<td>2400</td>
<td>3500</td>
<td>0.8</td>
<td>240</td>
<td>288</td>
</tr>
<tr>
<td>BSUR-0804-RS-290-R-C5</td>
<td>08/04</td>
<td>C5</td>
<td>2400</td>
<td>3500</td>
<td>0.8</td>
<td>290</td>
<td>338</td>
</tr>
<tr>
<td>BSUR-0804-RS-340-R-C5</td>
<td>08/04</td>
<td>C5</td>
<td>2400</td>
<td>3500</td>
<td>0.8</td>
<td>340</td>
<td>388</td>
</tr>
</tbody>
</table>

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

Customer Name : __________________ Date : __________________
Tel : __________________ e-mail : __________________

Customer Designated Machining Drawing

Model No.         Shaft Dia./Lead (mm) | Rolled Grade
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCR-0804-RS-R-C5</td>
<td>08/04</td>
<td>C5</td>
</tr>
</tbody>
</table>

- L1: Ordered length (out of specified dimensions).

● L1: The ordered length (custom-made item out of specified dimensions).
● Mounting section can be machined by customer site or by GMT as per customer needs.
● The figure dimensions are not indicated per scale.
1002 Rolled Ball Screw  ● Flanged Square Ball Nut

Regular inventory item (Machined mounting section)

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./ Lead(mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUR-1002-TS-58.5-105-R-C5</td>
<td>10/02</td>
<td>C5</td>
<td>1500</td>
<td>2950</td>
<td>1.2</td>
<td>58.5</td>
<td>105</td>
</tr>
<tr>
<td>BSUR-1002-TS-78.5-125-R-C5</td>
<td>10/02</td>
<td>C5</td>
<td>1500</td>
<td>2950</td>
<td>1.2</td>
<td>78.5</td>
<td>125</td>
</tr>
</tbody>
</table>

Customer Name : __________________________ Date : __________________________
Tel : __________________________ e-mail : __________________________

Customer Designated Machining Drawing

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./ Lead(mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCR-1002-TS-58.5-105-R-C5</td>
<td>10/02</td>
<td>C5</td>
<td>1500</td>
<td>2950</td>
<td>1.2</td>
<td>58.5</td>
<td>105</td>
</tr>
</tbody>
</table>
1002 Rolled Ball Screw  Flanged Square Ball Nut

Regular inventory item (Machined mounting section)

Customer Name: ____________________ Date: __________
Tel: ____________________ e-mail: ____________________

Model No. | Shaft Dia./Lead (mm) | Rolled Grade | Dynamic Load Ca(N) | Static Load Co(N) | Ball Dia. (mm) | Thread Length L1 (mm) | Total Length L (mm)
--- | --- | --- | --- | --- | --- | --- | ---
BSPR-1002-TS-58.5-105-R-C5 | 10/02 | C5 | 1500 | 2950 | 1.2 | 58.5 | 105

L1: The ordered length (custom-made item out of specified dimensions).
Mounting section can be machined by customer site or by GMT as per customer needs.
The figure dimensions are not indicated per scale.

Customer Designated Machining Drawing

Model No. | Shaft Dia./Lead (mm) | Rolled Grade
--- | --- | ---
BSCR-1002-TS-□-□-RZ-C5 | 10/02 | C5

L1: Ordered length (out of specified dimensions).
1202 Rolled Ball Screw  Flanged Square Ball Nut

Regular inventory item (Machined mounting section)

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUR-1202-TS-58-112-RZ-C5</td>
<td>12/02</td>
<td>C5</td>
<td>1650</td>
<td>3550</td>
<td>1.2</td>
<td>58</td>
<td>112</td>
</tr>
<tr>
<td>BSUR-1202-TS-98-152-RZ-C5</td>
<td>12/02</td>
<td>C5</td>
<td>1650</td>
<td>3550</td>
<td>1.2</td>
<td>98</td>
<td>152</td>
</tr>
<tr>
<td>BSUR-1202-TS-118-172-RZ-C5</td>
<td>12/02</td>
<td>C5</td>
<td>1650</td>
<td>3550</td>
<td>1.2</td>
<td>118</td>
<td>172</td>
</tr>
</tbody>
</table>

Customer Name: ____________________  Date: ________________
Tel: ____________________  e-mail: ____________________

Customer Designated Machining Drawing

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

Semi-product Reference Figure

1202 Rolled Ball Screw  Flanged Square Ball Nut

Regular inventory item (Machining on request)
1604 Rolled Ball Screw  Flanged Square Ball Nut

Regular inventory item (Machined mounting section)

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSPR-1604-TS-87-155-R-C5</td>
<td>16/04</td>
<td>C5</td>
<td>4350</td>
<td>8600</td>
<td>2.3812</td>
<td>87</td>
<td>155</td>
</tr>
</tbody>
</table>

Customer Name: __________________________ Date: __________________________
Tel: __________________________ e-mail: __________________________

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

1604 Rolled Ball Screw  Flanged Square Ball Nut

Regular inventory item (Machining on request)

Semi-product Reference Figure

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUR-1604-TS-□-□-R-C5</td>
<td>16/04</td>
<td>C5</td>
<td>4350</td>
<td>8600</td>
<td>2.3812</td>
<td>87</td>
<td>155</td>
</tr>
</tbody>
</table>

Customer Name: __________________________ Date: __________________________
Tel: __________________________ e-mail: __________________________

- L1: The ordered length (out of specified dimensions).
1604 Rolled Ball Screw  Flanged Square Ball Nut

Model No. | Shaft Dia./Lead (mm) | Rolled Grade | Dynamic Load Ca(N) | Static Load Co(N) | Ball Dia. (mm) | Thread Length L1 (mm) | Total Length L (mm)
--- | --- | --- | --- | --- | --- | --- | ---
BSPR-1604-TS-127-195-RZ-C5 | 16/04 | C5 | 4350 | 8600 | 2.3812 | 127 | 195
BSPR-1604-TS-147-215-RZ-C5 | 16/04 | C5 | 4350 | 8600 | 2.3812 | 147 | 215

L1: The ordered length (custom-made item out of specified dimensions).
Mounting section can be machined by customer site or by GMT as per customer needs.
The figure dimensions are not indicated per scale.

Customer Name: ____________________  Date: ____________________
Tel: ____________________  e-mail: ____________________

Model No. | Shaft Dia./ Lead (mm) | Rolled Grade | Dynamic Load Ca(N) | Static Load Co(N) | Ball Dia. (mm) | Thread Length L1 (mm) | Total Length L (mm)
--- | --- | --- | --- | --- | --- | --- | ---
BSUR-1604-TS-□-□-RZ-C5 | 16/04 | C5 | 4350 | 8600 | 2.3812

Customer Designated Machining Drawing

Model No. | Shaft Dia./Lead (mm) | Rolled Grade | L1: Ordered length (out of specified dimensions).
--- | --- | --- | ---
BSCR-1604-TS-□-□-RZ-C5 | 16/04 | C5
● L1: The ordered length (custom-made item out of specified dimensions).
● Mounting section can be machined by customer site or by GMT as per customer needs.
● The figure dimensions are not indicated per scale.

**Model No.**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load (Ca(N))</th>
<th>Static Load (Co(N))</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUR-1605-TS-□□-RZ-C5</td>
<td>16/05</td>
<td>C5</td>
<td>4350</td>
<td>8600</td>
<td></td>
<td>2.3812</td>
<td>117</td>
</tr>
</tbody>
</table>

Model No. 1605 Rolled Ball Screw Flanged Square Ball Nut

Regular inventory item (Machined mounting section)

Customer Name: ___________________ Date: ___________________

Tel: ___________________ e-mail: ___________________

**Model No.**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load (Ca(N))</th>
<th>Static Load (Co(N))</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCR-1605-TS-□□-RZ-C5</td>
<td>16/05</td>
<td>C5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
2004 Rolled Ball Screw Flanged Square Ball Nut

Regular inventory item (Machined mounting section)

Semi-product Reference Figure

- **L1**: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSPR-2004-TS-125-205-R-C5</td>
<td>20/04</td>
<td>C5</td>
<td>4800</td>
<td>10900</td>
<td>2.3812</td>
<td>125</td>
<td>205</td>
</tr>
</tbody>
</table>

Customer Name: ___________________ Date: ___________

Tel: ___________________ e-mail: ___________________

Model No. | Shaft Dia./Lead (mm) | Rolled Grade |
----------|----------------------|--------------|
BSCR-2004-TS-□-□-R-C5 | 20/04 | C5 |

- **L1**: Ordered length (out of specified dimensions).
### Table: Model No. Information

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSRP-2004-TS-225-305-RZ-C5</td>
<td>20/04</td>
<td>C5</td>
<td>4800</td>
<td>10900</td>
<td>2.3812</td>
<td>225</td>
<td>305</td>
</tr>
</tbody>
</table>

- **L1**: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

**Reference Figure**

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

---

**Customer Designated Machining Drawing**

- **L1**: Ordered length (out of specified dimensions).
0802 Rolled Ball Screw  •  Round Flanged Ball Nut

Regular inventory item (Machining on request)

Semi-product Reference Figure

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUR-0802-FS-□-□-R-C5</td>
<td>08/02</td>
<td>C5</td>
<td>170</td>
<td>267</td>
<td>1.2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Customer Name: ____________________ Date: ____________________
Tel: ____________________ e-mail: ____________________

Customer Designated Machining Drawing

- L1: Ordered length (out of specified dimensions).

Model No.          | Shaft Dia./Lead (mm) | Rolled Grade | Dynamic Load Ca(N) | Static Load Co(N) | Ball Dia. (mm) |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUR-0802-FS-□-□-R-C5</td>
<td>08/02</td>
<td>C5</td>
<td>170</td>
<td>267</td>
<td>1.2</td>
</tr>
</tbody>
</table>

082.5 Rolled Ball Screw  •  Round Flanged Ball Nut

Regular inventory item (Machining on request)

Semi-product Reference Figure

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUR-082.5-FS-□-□-R-C5</td>
<td>08/2.5</td>
<td>C5</td>
<td>170</td>
<td>267</td>
<td>0.8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Customer Name: ____________________ Date: ____________________
Tel: ____________________ e-mail: ____________________

Customer Designated Machining Drawing

- L1: Ordered length (out of specified dimensions).

Model No.          | Shaft Dia./Lead (mm) | Rolled Grade | Dynamic Load Ca(N) | Static Load Co(N) | Ball Dia. (mm) |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUR-082.5-FS-□-□-R-C5</td>
<td>08/2.5</td>
<td>C5</td>
<td>170</td>
<td>267</td>
<td>0.8</td>
</tr>
</tbody>
</table>

Model No.          | Shaft Dia./Lead (mm) | Rolled Grade | Dynamic Load Ca(N) | Static Load Co(N) | Ball Dia. (mm) |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCR-0802-FS-□-□-R-C5</td>
<td>08/02</td>
<td>C5</td>
<td>170</td>
<td>267</td>
<td>1.2</td>
</tr>
</tbody>
</table>

BSCR-0802-FS-□-□-R-C5  •  0802 Rolled Ball Screw

Regular inventory item (Machining on request)

Model No.          | Shaft Dia./Lead (mm) | Rolled Grade | Dynamic Load Ca(N) | Static Load Co(N) | Ball Dia. (mm) |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCR-0802-FS-□-□-R-C5</td>
<td>08/02</td>
<td>C5</td>
<td>170</td>
<td>267</td>
<td>1.2</td>
</tr>
</tbody>
</table>

BSCR-082.5-FS-□-□-R-C5  •  082.5 Rolled Ball Screw

Regular inventory item (Machining on request)

Model No.          | Shaft Dia./Lead (mm) | Rolled Grade | Dynamic Load Ca(N) | Static Load Co(N) | Ball Dia. (mm) |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCR-082.5-FS-□-□-R-C5</td>
<td>08/2.5</td>
<td>C5</td>
<td>170</td>
<td>267</td>
<td>0.8</td>
</tr>
</tbody>
</table>
1002 Rolled Ball Screw  • Round Flanged Ball Nut

Regular inventory item (Machining on request)

Model No. | Shaft Dia./Lead (mm) | Rolled Grade | Dynamic Load Ca (N) | Static Load Co (N) | Ball Dia. (mm) | Thread Length L1 (mm) | Total Length L (mm)
---|---|---|---|---|---|---|---
BSUR-1002-FS-□-□-R-C5 10/02 | C5 | 205 | 348 | 1.2 |

Customer Name : Date : Tel : e-mail :

Customer Designated Machining Drawing

Model No. | Shaft Dia./Lead (mm) | Rolled Grade
---|---|---
BSCR-1002-FS-□-□-R-C5 10/02 | C5

1004 Rolled Ball Screw  • Round Flanged Ball Nut

Regular inventory item (Machining on request)

Model No. | Shaft Dia./Lead (mm) | Rolled Grade | Dynamic Load Ca (N) | Static Load Co (N) | Ball Dia. (mm) | Thread Length L1 (mm) | Total Length L (mm)
---|---|---|---|---|---|---|---
BSUR-1004-FS-□-□-R-C5 10/04 | C5 | 415 | 590 | 2.0 |

Customer Name : Date : Tel : e-mail :

Customer Designated Machining Drawing

Model No. | Shaft Dia./Lead (mm) | Rolled Grade
---|---|---
BSCR-1004-FS-□-□-R-C5 10/04 | C5

● L1: The ordered length (custom-made item out of specified dimensions).
● Mounting section can be machined by customer site or by GMT as per customer needs.
● The figure dimensions are not indicated per scale.
1202 Rolled Ball Screw  ◆ Round Flanged Ball Nut

Regular inventory item (Machining on request)

Semi-product Reference Figure

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

Customer Name: __________________ Date: __________________
Tel: __________________ e-mail: __________________

Customer Designated Machining Drawing

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
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</thead>
<tbody>
<tr>
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<td>12/02</td>
<td>C5</td>
<td>217</td>
<td>430</td>
<td>1.2</td>
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</tr>
</tbody>
</table>

1204 Rolled Ball Screw  ◆ Round Flanged Ball Nut

Regular inventory item (Machining on request)

Semi-product Reference Figure

- L1: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

Customer Name: __________________ Date: __________________
Tel: __________________ e-mail: __________________

Customer Designated Machining Drawing

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
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<tbody>
<tr>
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<td>C5</td>
<td>445</td>
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</tbody>
</table>
### Model No. 1205 Rolled Ball Screw

**Round Flanged Ball Nut**

*Regular inventory item (Machining on request)*

#### Semi-product Reference Figure

#### Customer Designated Machining Drawing

---

### Table 1: Specifications

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
<th>Dynamic Load Ca(N)</th>
<th>Static Load Co(N)</th>
<th>Ball Dia. (mm)</th>
<th>Thread Length L1 (mm)</th>
<th>Total Length L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSUR-1205-FS-□-□-R-C5</td>
<td>12/05</td>
<td>C5</td>
<td>670</td>
<td>1010</td>
<td>2.0</td>
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<td></td>
</tr>
</tbody>
</table>

---

- **L1**: The ordered length (custom-made item out of specified dimensions).
- Mounting section can be machined by customer site or by GMT as per customer needs.
- The figure dimensions are not indicated per scale.

---

Customer Name: ____________________________  Date: ____________________________

Tel: ____________________________  e-mail: ____________________________

---

Customer Designated Machining Drawing

---

### Table 2: Specifications

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Shaft Dia./Lead (mm)</th>
<th>Rolled Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCR-1205-FS-□-□-R-C5</td>
<td>12/05</td>
<td>C5</td>
</tr>
</tbody>
</table>

---

* L1: Ordered length (out of specified dimensions).