S/SX Series

Extremely robust and stable steel chains*

- Extremely robust and stable steel chains for heavy mechanical loads and harsh environmental conditions
- Very long unsupported lengths also for large additional loads
- Various types available in different dimensions
- Covers with aluminium cover system or steel strip possible for protection of the cables

The design
Steel cable carriers proven over many years with extremely stable chain link plates and a link design with multiple stroke system and special bolts. Large unsupported lengths and high additional loads are possible due to the extremely stable design.

- Link design with special bolts for a long service life
- Mounting bracket options for different connection variants
- Extremely robust chain bands galvanized or made of stainless steel
- Different stay variants available in the exact width you require
- S RMD Tube Series with aluminium covers available in the exact width you require
- Dividers made of plastic or steel
- Various cable separation options

Sandwich design: Chain link plates consist of two plates welded together

Glide shoes for gliding applications are available

Stroke system with special bolts and locking rings

Also available as covered variants with cover system or steel band covering

* Some features can be different for certain types for design reasons. Our specialists are happy to advise you.
**General Data**

**Calculation of Chain Length**

\[
L_s = \text{total machine travel} \\
L_c = 3.14 \times KR + (4 \times t \text{ safety factor}) \\
L_b = \text{chain length required} \\
L_b = \frac{L_s}{2} + \text{length of the curve (Lb)*} \\
\]

*Assumes the Fixed Point is located at the Center of the Total Machine Travel.

---

**Technical Data**

**Series S/SX 0650.1**

- **Mounting Height**
  - **Option A**: 7.87 (200)
  - **Option B**: 9.45 (240)
  - **Option C**: 11.02 (280)
  - **Option D**: 12.60 (320)
  - **Option E**: 14.17 (360)
  - **Option F**: 17.72 (450)

- **Bend Radius**
  - **Option A**: 2.95 (75)
  - **Option B**: 3.74 (95)
  - **Option C**: 4.53 (115)
  - **Option D**: 5.31 (135)
  - **Option E**: 6.10 (155)
  - **Option F**: 7.87 (200)

- **Depot Height**
  - **Option A**: 9.06 (230)
  - **Option B**: 9.84 (250)
  - **Option C**: 10.63 (270)
  - **Option D**: 11.42 (290)
  - **Option E**: 12.20 (310)
  - **Option F**: 13.98 (355)

- **Loop Length**
  - **Option A**: 19.53 (496)
  - **Option B**: 21.97 (558)
  - **Option C**: 24.45 (621)
  - **Option D**: 26.93 (684)
  - **Option E**: 29.41 (747)
  - **Option F**: 34.96 (888)

---

**Additional Load**

- **Extended Travel**: When application travel exceeds the self-supporting length of Varitrak S carrier systems, KS Support Rollers or Rolling Carriage Systems can be used to extend travel.

**Extended Travel Systems**: For more information on extended travel systems, see pages 02.27 - 02.36

**How To Order**

1-800-443-4216

**Available Chain Band Materials**

- **Type S** = Heavy-duty galvanized steel (standard)
- **Type SX** = Stainless steel (special order)
- **SX-ER 1** = Stainless steel
- **SX-ER 15** = Stainless steel, sea water resistant
- **SX-ER 2** = High-strength stainless steel

Please contact us for further information and considerations regarding special chain materials.
Features one twist in/out aluminum bar on the outer radius and one bolted-on aluminum bar on the inner radius per frame stay.

Usable Cavity Widths ($B_i$) are available from 2.00” (50.8 mm) through 12.00” (304.8 mm).

Ten standard width sizes are available from stock. Custom widths are also available in any width increment required by the customer.

### Why use RS1 system

- Simply by twisting on or twisting off the aluminum bar 90 degrees, cables & hoses can be quickly and easily installed (laid inside).
- Ideal when light weight and cost effective designs are required.
- By using one twist-in locking and one bolted-on bar construction an extremely strong "box" compartment is formed surrounding contents.
- Smooth cable friendly and strong aluminum bars.
- Quick and easy in-field service.
- Exact widths are available to fit any application’s width restrictions.
- Rolling round Delrin® sleeves can be added to RS1 bars for added protection of hoses (consult factory).

### RS1 System Assembly Detail

For detailed drawings and dimensions of available options, please see pages: 30.32 - 30.33

### KabelSchlepp
A member of the TSUBAKI GROUP

VARITRAK S/SX
steel • open style • customizable widths

Specifications are subject to change without notice.

Need help? 1-800-443-4216 or www.kabelschlepp.com
RS2 Bar System

Features bolted on aluminum bars on both the outer radius and the inner radius per frame stay. Usable Cavity Widths ($B_i$) are available from 2.00" (51 mm) through 12.00" (304.8 mm). Ten standard width sizes are available from stock. Custom widths are also available in any width increment required by the customer.

**RS2 System Assembly Detail**

- By simply unscrewing the bolts at both ends of each bar, cables & hoses can be quickly and easily installed (laid inside).
- Ideal when light weight and cost effective designs are required.
- Bolted-on bar construction forms a strong “box” compartment surrounding contents.
- Smooth cable friendly and strong aluminum bars.
- Quick and easy in-field service.
- Exact widths are available to fit any application’s width restrictions.
- Rolling round Delrin® sleeves can be added to RS2 bars for added protection of hoses (consult factory).

### Why use RS2 system

**RS2 System Assembly Detail**

- For detailed drawings and dimensions of available options, please see pages: 30.32 - 30.33

**Mounting Bracket Options**

- Specifications are subject to change without notice.
VARITRAK S/SX

Features bolted-on heavy-duty split and bored aluminum bars.

Bar Widths (\(B_{st}\)) are available from 2.50" (63.5 mm) through 19.00" (482.6 mm) in any width increment required by the customer.

**S0650.1 - 2.50" - LG - (KR) - (# of links) - (brackets) - (holes)**

<table>
<thead>
<tr>
<th><strong>Recommended</strong></th>
<th><strong>MINIMUM Width</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>h_g</td>
<td>1.97 (50)</td>
</tr>
<tr>
<td>D_{max}</td>
<td>1.57 (40)</td>
</tr>
<tr>
<td>B_{st}</td>
<td>2.50 (63.5)</td>
</tr>
<tr>
<td>B_k</td>
<td>2.50 + 0.67 (17)</td>
</tr>
</tbody>
</table>

**REQUIRED**

A vertical bolt connecting the top and bottom halves of the LG bars must be used every 16.00" (406 mm) of B_{st}.

**S0650.1 - 19.00" - LG - (KR) - (# of links) - (brackets) - (holes)**

<table>
<thead>
<tr>
<th><strong>Recommended</strong></th>
<th><strong>MAXIMUM Width</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>h_g</td>
<td>1.97 (50)</td>
</tr>
<tr>
<td>D_{max}</td>
<td>Maximum Cable O.D. = O_{max} x 0.9 Maximum Hose O.D. = O_{max} x 0.8</td>
</tr>
<tr>
<td>C_{min}</td>
<td>0.16 (4)</td>
</tr>
<tr>
<td>A_{o min}</td>
<td>0.35 (9)</td>
</tr>
<tr>
<td>B_{st}</td>
<td>19.00 (482.6)</td>
</tr>
<tr>
<td>B_k</td>
<td>19.00 + 0.67 (17)</td>
</tr>
</tbody>
</table>

**Why use LG system**

- By simply unscrewing 1 bolt per split-bar at both ends of each bar and sliding out the unbolted split-bar, cables & hoses can be easily installed (laid inside, in each specifically designed 1/2 round).
- Ideal when unique cables and hoses must be individually separated.
- Extremely rugged bolted-on bar construction forms an exceptionally strong "collar" surrounding individual contents that resists twisting and deformation under load.
- Smooth cable friendly and strong aluminum bar design that is made to match the individual cable and/or hose sizes and types. Cable manufacturers' favorite system.
- In-field service possible.
- Exact widths are available to fit any application’s width restrictions.

**LG System Assembly Detail**

**Mounting Bracket Options**

For detailed drawings and dimensions of available options, please see pages: 30.32 - 30.33

Need help? 1-800-443-4216 or www.kabelschlepp.com
**Specifications are subject to change without notice.**

**KSA-L15015-GC**

**STEEL-LINE**

**VARITRAK S/SX**

<table>
<thead>
<tr>
<th>Series</th>
<th>Mounting Height</th>
<th>Bend Radius</th>
<th>Depot</th>
<th>Loop Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>S/SX 0950</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Option A</td>
<td>12.52 (318)</td>
<td>4.92 (125)</td>
<td>13.78 (350)</td>
<td>30.43 (773)</td>
</tr>
<tr>
<td>Option B</td>
<td>13.70 (348)</td>
<td>5.51 (140)</td>
<td>14.37 (365)</td>
<td>32.28 (820)</td>
</tr>
<tr>
<td>Option C</td>
<td>16.06 (408)</td>
<td>6.69 (170)</td>
<td>15.55 (395)</td>
<td>35.98 (914)</td>
</tr>
<tr>
<td>Option D</td>
<td>18.43 (468)</td>
<td>7.87 (200)</td>
<td>16.73 (425)</td>
<td>39.69 (1008)</td>
</tr>
<tr>
<td>Option E</td>
<td>23.15 (588)</td>
<td>10.24 (260)</td>
<td>19.09 (485)</td>
<td>47.13 (1197)</td>
</tr>
<tr>
<td>Option F</td>
<td>25.51 (648)</td>
<td>11.42 (290)</td>
<td>20.28 (515)</td>
<td>50.83 (1291)</td>
</tr>
<tr>
<td>Option G</td>
<td>27.87 (708)</td>
<td>12.60 (320)</td>
<td>21.46 (545)</td>
<td>54.53 (1385)</td>
</tr>
</tbody>
</table>

- **Minimised Height (Hmin)**
- **Bend Radius (KR)**
- **Deposit Height (UB)**
- **Loop Length (LB)**

### Technical Data

**Calculation of Chain Length**

\[ L_b = \text{total machine travel} \]

\[ L_b = 3.14 \times KR + (4 \times t \text{ safety factor}) \]

\[ L_k = \text{chain length required} \]

\[ L_k = LS / 2 + \text{length of the curve (L_B)}^* \]

*Assumes the Fixed Point is located at the Center of the Total Machine Travel.*

**Available chain band materials:**
- Type S = heavy-duty galvanized steel (standard)
- Type SX = Stainless steel (special order)
- SX-ER 1 = Stainless steel
- SX-ER 1S = Stainless steel, sea water resistant
- SX-ER 2 = High-strength stainless steel

Please contact us for further information and considerations regarding special chain band materials.

**How To Order**

1-800-443-4216

**Extended Travel:**
When application travel exceeds the self-supporting length of Varitrak S carrier systems, KS Support Rollers or Rolling Carriage Systems can be used to extend travel.

For more information on extended travel systems, see pages 02.27 - 02.36

**Dimensions in inches (mm)**

**Download 3D CAD files, videos, updated product info & much more at:**
www.kabelschlepp.com/varitraks.htm
RS1 Bar System

Features one twist in/out aluminum bar on the outer radius and one bolted-on aluminum bar on the inner radius per frame stay. Usable Cavity Widths ($B_i$) are available from 3.00” (76.2 mm) through 11.00” (279.4 mm). Ten standard width sizes are available from stock. Custom widths are also available in any width increment required by the customer.

### S0950 - 3.00” - RS1

<table>
<thead>
<tr>
<th>Minimum Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>$h_G = 2.08$ (68)</td>
</tr>
<tr>
<td>$B_i = 3.00$ (76.2)</td>
</tr>
<tr>
<td>$B_{st} = B_i + 0.94$ (24)</td>
</tr>
<tr>
<td>$B_k = B_i + 1.69$ (43)</td>
</tr>
</tbody>
</table>

### S0950 - 12.00” - RS1

<table>
<thead>
<tr>
<th>Maximum Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>$h_G = 2.08$ (68)</td>
</tr>
<tr>
<td>$B_i = 12.00$ (304.8)</td>
</tr>
<tr>
<td>$B_{st} = 12.94$ (328.7)</td>
</tr>
<tr>
<td>$B_k = 13.69$ (347.7)</td>
</tr>
</tbody>
</table>

**Note:** For extended widths, multiple chain-band designs are available, please consult factory: 1-800-443-4216

### Why use RS1 system

- Simply by twisting on or twisting off the aluminum bar 90 degrees, cables & hoses can be quickly and easily installed (laid inside).
- Ideal when light weight and cost effective designs are required.
- By using one twist-in locking and one bolted-on bar construction an extremely strong “box” compartment is formed surrounding contents.
- Smooth cable friendly and strong aluminum bars.
- Quick and easy in-field service.
- Exact widths are available to fit any application’s width restrictions.
- Rolling round Delrin® sleeves can be added to RS1 bars for added protection of hoses (consult factory).

RS1 System Assembly Detail

- PN: 42160

Mounting Bracket Options

For detailed drawings and dimensions of available options, please see pages: 30.32 - 30.33
RS2 Bar System

Features bolted on aluminum bars on both the outer radius and the inner radius per frame stay. Usable Cavity Widths ($B_i$) are available from 3.00” (76.2 mm) through 14.00” (355.6 mm).

Ten standard width sizes are available from stock. Custom widths are also available in any width increment required by the customer.

### Why use RS2 system

- By simply unscrewing the bolts at both ends of each bar, cables & hoses can be quickly and easily installed (laid inside).
- Ideal when light weight and cost effective designs are required.
- Bolted-on bar construction forms a strong “box” compartment surrounding contents.
- Smooth cable friendly and strong aluminum bars.
- Quick and easy in-field service.
- Exact widths are available to fit any application’s width restrictions.
- Rolling round Delrin® sleeves can be added to RS2 bars for added protection of hoses (consult factory).

#### RS2 System Assembly Detail

**Recommended MINIMUM Width**

- $h_G = 2.69$ (68)
- $B_t = 3.00$ (76.2)
- $h_i = 1.81$ (46)
- $B_{st} = B_t + 0.71$ (18)
- $B_k = B_t + 1.46$ (37)

**Recommended MAXIMUM Width**

- $h_G = 2.69$ (68)
- $B_t = 14.00$ (355.6)
- $h_i = 1.81$ (46)
- $B_{st} = 14.71$ (373.6)
- $B_k = 15.46$ (392.6)

**Note:** For extended widths, multiple chain-band designs are available, please consult factory: 1-800-443-4216
RMS Bar System

Features heavy-duty double bolted-on aluminum bar on the outer radius and on the inner radius per frame stay.

Usable Cavity Widths ($B_i$) are available from 3.00" (76.2 mm) through 23.00" (584.2 mm) in any width increment required by the customer.

**S0950 - 3.00” - RMS** - (KR) - (# of links) - (brackets) - (dividers)

- $h_G = 2.68$ (68)
- $B_i = 3.00$ (76.2)
- $B_{st} = 3.71$ (94.2)
- $B_k = 4.46$ (113.2)
- $B_{st} = B_i + 0.71$ (18)
- $B_k = B_i + 1.46$ (37)

**Recommended MINIMUM Width**

- Recommended Minimum Width $h_G = 2.68$ (68)
- $B_i = 3.00$ (76.2)
- $B_{st} = 3.71$ (94.2)
- $B_k = 4.46$ (113.2)
- $B_{st} = B_i + 0.71$ (18)
- $B_k = B_i + 1.46$ (37)

**S0950 - 23.00” - RMS** - (KR) - (# of links) - (brackets) - (dividers)

- $h_G = 1.69$ (43)
- $B_i = 23.00$ (584.2)
- $B_{st} = 23.71$ (602.2)
- $B_k = 24.46$ (621.2)
- $h_G = 0.57$ (14.5)
- $h_i = 1.69$ (43)
- $B_{st} = Cut bar length$
- $B_k = Outer chain width$
- $B_i = Inner chain cavity (usable) width$
- $h_G = Outer chain link height (usable) width$
- $h_i = Inner chain cavity (usable) height$
- $ST = Vertical divider thickness$

**Why use RMS system**

- By simply unscrewing the 2 bolts per bar at both ends of each bar, cables & hoses can be quickly and easily installed (laid inside).
- Ideal when heavy duty and cost effective designs are required.
- Extremely rugged bolted-on bar construction forms an extremely strong “box” compartment surrounding contents that resists twisting and deformation under load.
- Smooth cable friendly and strong aluminum bars.
- Quick and easy in-field service.
- Exact widths are available to fit any application’s width restrictions.

**RMS System Assembly Detail**

**Mounting Bracket Options**

For detailed drawings and dimensions of available options, please see pages: 30.32 - 30.33

Specifications are subject to change without notice.

Need help? 1-800-443-4216 or www.kabelschlepp.com
Features heavy-duty double bolted-on aluminum bar with integrated roller system on the outer radius and on the inner radius per frame stay.

Usable Cavity Widths ($B_i$) are available from 3.00” (76.2 mm) through 22.00” (558.8 mm) in any width increment required.

**Why use RMR system**
- By unscrewing the 2 bolts per bar at both ends of each bar and carefully removing the horizontal rollers and vertical rolling dividers, cables & hoses can be installed
- Ideal when heavy duty designs involving hoses are required.
- Extremely rugged bolted-on bar construction forms an extremely strong "box" compartment surrounding contents that resists twisting and deformation under load.
- Smooth cable friendly and strong aluminum bars with rolling Delrin® surfaces form nearly a frictionless cavity compartment.
- In-field serviceability.
- Exact widths are available to fit any application’s width restrictions.
LG Bar System

Features bolted-on heavy-duty split and bored aluminum bars

Bar Widths (B_{st}) are available from 3.00" (76.2 mm) through 23.00" (584.2 mm) in any width increment required by the customer.

**S0950 - 3.00" - LG**

- **Recommended MINIMUM Width**
  - h_{G} = \frac{2.68}{(68)}
  - D_{max} = \frac{1.89}{(48)}
  - B_{st} = 3.00 (76.2)
  - B_{k} = 3.83 (97.2)
  - B_{k} = B_{st} + 0.83 (21)

**S0950 - 23.00" - LG**

- **Recommended MAXIMUM Width**
  - h_{G} = \frac{2.68}{(68)}
  - Maximum Cable O.D. = D_{max} \times 0.9
  - Maximum Hose O.D. = D_{max} \times 0.8

- **Note:** For extended widths, multiple chain-band designs are available, please consult factory: 1-800-443-4216

**Why use LG system**

- By simply unscrewing 1 bolt per split-bar at both ends of each bar and sliding out the unbolted split-bar, cables & hoses can be easily installed (laid inside, in each specifically designed 1/2 round).
- Ideal when unique cables and hoses must be individually separated.
- Extremely rugged bolted-on bar construction forms an exceptionally strong "collar" surrounding individual contents that resists twisting and deformation under load.
- Smooth cable friendly and strong aluminum bar design that is made to match the individual cable and/or hose sizes and types. Cable manufacturers’ favorite system.
- In-field service possible.
- Exact widths are available to fit any application’s width restrictions.

**LG System Assembly Detail**

**Mounting Bracket Options**

For detailed drawings and dimensions of available options, please see pages: 30.32 - 30.33
## Technical Data

### Series

<table>
<thead>
<tr>
<th>Option</th>
<th>Mounting Height H</th>
<th>Bend Radius KR</th>
<th>Depot Length U_B</th>
<th>Loop Length L_B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Option A</td>
<td>15.12 (384)</td>
<td>5.71 (145)</td>
<td>17.40 (442)</td>
<td>37.60 (955)</td>
</tr>
<tr>
<td>Option B</td>
<td>19.45 (494)</td>
<td>7.87 (200)</td>
<td>19.57 (497)</td>
<td>44.41 (1128)</td>
</tr>
<tr>
<td>Option C</td>
<td>21.02 (534)</td>
<td>8.66 (220)</td>
<td>20.35 (517)</td>
<td>46.89 (1191)</td>
</tr>
<tr>
<td>Option D</td>
<td>24.17 (614)</td>
<td>10.24 (260)</td>
<td>21.93 (557)</td>
<td>51.85 (1317)</td>
</tr>
<tr>
<td>Option E</td>
<td>27.32 (694)</td>
<td>11.81 (300)</td>
<td>23.50 (597)</td>
<td>56.77 (1442)</td>
</tr>
<tr>
<td>Option F</td>
<td>30.47 (774)</td>
<td>13.39 (340)</td>
<td>25.08 (637)</td>
<td>61.73 (1568)</td>
</tr>
<tr>
<td>Option G</td>
<td>33.62 (854)</td>
<td>14.96 (380)</td>
<td>26.65 (677)</td>
<td>66.69 (1694)</td>
</tr>
<tr>
<td>Option H</td>
<td>39.92 (1014)</td>
<td>18.11 (460)</td>
<td>29.80 (757)</td>
<td>76.57 (1945)</td>
</tr>
<tr>
<td>Option I</td>
<td>43.07 (1094)</td>
<td>19.69 (500)</td>
<td>31.38 (797)</td>
<td>81.54 (2071)</td>
</tr>
<tr>
<td>Option J</td>
<td>50.94 (1294)</td>
<td>23.62 (600)</td>
<td>35.31 (897)</td>
<td>93.90 (2385)</td>
</tr>
</tbody>
</table>

* Bend Radius (KR) tolerance is 5% ~ 10%.
** Available bend radii: 420 mm, 540 mm & 1000 mm available via special order. Consult factory for more information.

### Available chain band materials:
- Type S = heavy-duty galvanized steel (standard)
- Type SX = Stainless steel (special order)

### How To Order

1-800-443-4216

### Extended Travel

When application travel exceeds the self-supporting length of Varitrak S carrier systems, KS Support Rollers or Rolling Carriage Systems can be used to extend travel.

### Self-Supporting Lengths

- **Additional Load**
- **Unsupportable Length**
- **Extended Travel**

### How To Order

1-800-443-4216

### Specifications are subject to change without notice.
RS1 Bar System

Features one twist in/out aluminum bar on the outer radius and one bolted-on aluminum bar on the inner radius per frame stay.

Usable Cavity Widths ($B_i$) are available from 4.00” (101.6 mm) through 14.00” (355.6 mm).

Ten standard width sizes are available from stock. Custom widths are also available in any width increment required by the customer.

S1250 - 4.00” - RS1 - (KR) - (# of links) - (brackets) - (dividers)

S1250 - 14.00” - RS1 - (KR) - (# of links) - (brackets) - (dividers)

Why use RS1 system

- Simply by twisting on or twisting off the aluminum bar 90 degrees, cables & hoses can be quickly and easily installed (laid inside).
- Ideal when light weight and cost effective designs are required.
- By using one twist-in locking and one bolted-on bar construction an extremely strong “box” compartment is formed surrounding contents.
- Smooth cable friendly and strong aluminum bars.
- Quick and easy in-field service.
- Exact widths are available to fit any application’s width restrictions.
- Rolling round Delrin® sleeves can be added to RS1 bars for added protection of hoses (consult factory).

RS1 System Assembly Detail

Mounting Bracket Options

For detailed drawings and dimensions of available options, please see pages: 30.32 - 30.33

Specifications are subject to change without notice.

Need help? 1-800-443-4216 or www.kabelschlepp.com
RS2 Bar System

Features bolted on aluminum bars on both the outer radius and the inner radius per frame stay. Usable Cavity Widths (Bi) are available from 4.00" (101.6 mm) through 18.00" (457.2 mm). Ten standard width sizes are available from stock. Custom widths are also available in any width increment required by the customer.

S1250 - 4.00” - RS2 - (KR) - (# of links) - (brackets) - (dividers)

Recommended MINIMUM Width

\[
B_{st} = 4.79 \ (121.6) \\
B_k = 5.73 \ (145.6) \\
B_{st} = B_i + 0.79 \ (20) \\
B_k = B_i + 1.73 \ (44)
\]

S1250 - 18.00” - RS2 - (KR) - (# of links) - (brackets) - (dividers)

Recommended MAXIMUM Width

\[
B_{st} = 18.79 \ (477.2) \\
B_k = 19.73 \ (501.2)
\]

Note: For extended widths, multiple chain-band designs are available, please consult factory: 1-800-443-4216

Why use RS2 system

- By simply unscrewing the bolts at both ends of each bar, cables & hoses can be quickly and easily installed (laid inside).
- Ideal when light weight and cost effective designs are required.
- Bolted-on bar construction forms a strong “box” compartment surrounding contents.
- Smooth cable friendly and strong aluminum bars.
- Quick and easy in-field service.
- Exact widths are available to fit any application’s width restrictions.
- Rolling round Delrin® sleeves can be added to RS2 bars for added protection of hoses (consult factory).

RS2 System Assembly Detail

Mounting Bracket Options

For detailed drawings and dimensions of available options, please see pages: 30.32 - 30.33

Specifications are subject to change without notice.
**RMS Bar System**

Features heavy-duty double bolted-on aluminum bar on the outer radius and on the inner radius per frame stay.

Usable Cavity Widths ($B_i$) are available from 4.00" (101.6 mm) through 30.00" (762 mm) in any width increment required by the customer.

**S1250 - 4.00" - RMS - (KR) - (# of links) - (brackets) - (dividers)**

Recommended **Minimum** Width

$$h_G = \frac{3.70}{(94)}$$

$$B_i = \frac{4.00}{(101.6)}$$

$$B_{st} = \frac{4.98}{(126.6)}$$

$$B_k = \frac{5.93}{(150.6)}$$

**S1250 - 30.00" - RMS - (KR) - (# of links) - (brackets) - (dividers)**

Recommended **Maximum** Width

$$h_G = \frac{3.70}{(94)}$$

$$B_i = \frac{30.00}{(762)}$$

$$B_{st} = \frac{30.98}{(787)}$$

$$B_k = \frac{31.93}{(811)}$$

**Why use RMS system**

- By simply unscrewing the 2 bolts per bar at both ends of each bar, cables & hoses can be quickly and easily installed (laid inside).
- Ideal when heavy duty and cost effective designs are required.
- Extremely rugged bolted-on bar construction forms an extremely strong “box” compartment surrounding contents that resists twisting and deformation under load.
- Smooth cable friendly and strong aluminum bars.
- Quick and easy in-field service.
- Exact widths are available to fit any application’s width restrictions.

**RMS System Assembly Detail**

**Mounting Bracket Options**

For detailed drawings and dimensions of available options, please see pages: 30.32 - 30.33

Specifications are subject to change without notice.

Need help? 1-800-443-4216 or www.kabelschlepp.com
**RMR Bar System**

Features heavy-duty double bolted-on aluminum bar with integrated roller system on the outer radius and on the inner radius per frame stay.

Usable Cavity Widths ($B_i$) are available from 4.00” (101.6 mm) through 30.00” (762 mm) in any width increment required.

---

**S1250 - 4.00” - RMR** - (# of links) - (brackets) - (dividers)

**Recommended MINIMUM Width**

Calculations:

- $h_G = 3.70$ (94)
- $B_i = 4.00$ (101.6)
- $2.60 = h_i$ w/ rollers
- $B_st = 4.91$ (124.7)
- $B_k = 5.85$ (148.6)
- $B_st = B_i + 0.91$ (23)
- $B_k = B_i + 1.85$ (47)

**S1250 - 30.00” - RMR** - (# of links) - (brackets) - (dividers)

**Recommended MAXIMUM Width**

Calculations:

- $h_G = 3.70$ (94)
- $B_i = 30.00$ (762)
- $2.60 = h_i$ w/ rollers
- $B_st = 30.91$ (785)
- $B_k = 31.85$ (809)

---

**Why use RMR system**

- Cables & hoses can be installed by unscrewing the 2 bolts per bar at both ends of each bar and carefully removing the horizontal rollers and vertical rolling dividers.
- Ideal when heavy duty designs involving hoses are required.
- Extremely rugged bolted-on bar construction forms an extremely strong “box” compartment surrounding contents that resists twisting and deformation under load.
- Smooth cable friendly and strong aluminum bars with rolling Delrin® surfaces form nearly a frictionless cavity compartment.
- In-field serviceability.
- Exact widths are available to fit any application’s width restrictions.

---

**RMR System Assembly Detail**

**Mounting Bracket Options**

For detailed drawings and dimensions of available options, please see pages: 30.32 - 30.33

Specifications are subject to change without notice.

KSA-L15015-GC
**LG Bar System**

Features bolted-on heavy-duty split and bored aluminum bars.

Bar Widths ($B_{st}$) are available from 4.00” (101.6 mm) through 30.50” (774.7 mm) in any width increment required by the customer.

---

**S1250 - 4.00” - LG**

- **Recommended MINIMUM Width**
  - $h_G = 3.70$ (94)
  - $D_{max} = 2.91$ (74)

- **REQUIRED**
  - A vertical bolt connecting the top and bottom halves of the LG bars must be used every 16.00” of Bi.

- **Specifications**
  - $B_{st} = 4.00$ (101.6)
  - $B_k = 5.02$ (127.6)

- **Recommended MAXIMUM Width**
  - $h_G = 3.70$ (94)
  - $B_{st} = 30.50$ (774.7)

---

**Why use LG system**

- By simply unscrewing 1 bolt per split-bar at both ends of each bar and sliding out the unbolted split-bar, cables & hoses can be easily installed (laid inside, in each specifically designed 1/2 round).

- Ideal when unique cables and hoses must be individually separated.

- Extremely rugged bolted-on bar construction forms an exceptionally strong “collar” surrounding individual contents that resists twisting and deformation under load.

- Smooth cable friendly and strong aluminum bar design that is made to match the individual cable and/or hose sizes and types. Cable manufacturers’ favorite system.

- In-field service possible.

- Exact widths are available to fit any application’s width restrictions.

---

**Specifications are subject to change without notice.**

Need help? 1-800-443-4216 or www.kabelschlepp.com
Features medium-duty double bolted-on aluminum bar compatible with integrated easy snap-in vertical and horizontal divider system.

Usable Cavity Widths ($B_i$) are available from 4.00” (101.6 mm) through 21.00” (533.4 mm) in any width increment required.

Why use RV system

- Can be used with easy snap-in horizontal and vertical cavity partitioning system for simple and effective separation of cables and hoses within the cavity.
- Cables & hoses can be installed or serviced by unscrewing the 2 bolts per bar at both ends of each bar.
- Extremely rugged bolted-on bar construction forms an extremely strong “box” compartment surrounding contents that resists twisting and deformation under load.
- In-field serviceability.
- Exact widths are available to fit any application’s width restrictions.

RV System Assembly Detail

Mounting Bracket Options

For detailed drawings and dimensions of available options, please see pages: 30.32 - 30.33
Varitrak 1250 RV Horizontal Shelving - optional widths

The carrier cavity width can be easily divided vertically - so cables or hoses can be safely separated side by side – next to one another. If small cables are to be stacked or cables with varying diameters are being used, the option to add horizontal shelving to properly accommodate these can be easily done by simply adding a shelf at the height desired. The various vertical levels that are available for the horizontal shelves are defined in this catalog section. The applicable kit components part numbers (dividers and shelves) are clearly identified.

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Specifications are subject to change without notice.
Specifications are subject to change without notice.

**Technical Data**

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* Bend Radius (KR) tolerance is +5% / -10%

**Extended Travel:**
When application travel exceeds the self-supporting length of Varitrak S carrier systems, KS Support Rollers or Rolling Carriage Systems can be used to extend travel.

Available chain band materials:
- Type S = heavy-duty galvanized steel (standard)
- Type SX = Stainless steel (special order)
- SX-ER 1 = Stainless steel
- SX-ER 1S = Stainless steel, sea water resistant
- SX-ER 2 = High-strength stainless steel

Please contact us for further information and considerations regarding special chain band materials.

**Calculation of Chain Length**

\[
L_s = \text{total machine travel} \\
L_b = 3.14 \times KR + (4 \times t \text{ safety factor}) \\
L_x = \text{chain length required} \\
L_s = \frac{L_B}{2} + \text{length of the curve (L_B) }^{*}
\]

* Assumes the Fixed Point is located at the Center of the Total Machine Travel.
RMS Bar System

Features heavy-duty double bolted-on aluminum bar on the outer radius and on the inner radius per frame stay.

Usable Cavity Widths ($B_i$) are available from **6.00” (152.4 mm)** through **37.00” (939.8 mm)** in any width increment required by the customer.

**S1800 - 6.00” - RMS - (# of links) - (brackets) - (dividers)**

Recommended **MINIMUM Width**

- $B_i = 6.00$ (152.4)
- $h_i = 4.29$ (109)
- $B_{st} = B_i + 1.30$ (33)
- $B_k = B_i + 2.44$ (62)

**S1800 - 37.00” - RMS - (# of links) - (brackets) - (dividers)**

Recommended **MAXIMUM Width**

- $B_i = 37.00$ (939.8)
- $h_i = 4.29$ (109)
- $B_{st} = 38.30$ (972.8)
- $B_k = 39.44$ (1001.8)

**Why use RMS system**

- By simply unscrewing the 2 bolts per bar at both ends of each bar, cables & hoses can be quickly and easily installed (laid inside).
- Ideal when heavy duty and cost effective designs are required.
- Extremely rugged bolted-on bar construction forms an extremely strong “box” compartment surrounding contents that resists twisting and deformation under load.
- Smooth cable friendly and strong aluminum bars.
- Quick and easy in-field service.
- Exact widths are available to fit any application’s width restrictions.

**RMS System Assembly Detail**

- For detailed drawings and dimensions of available options, please see pages: 30.32 - 30.33

**Mounting Bracket Options**

For detailed drawings and dimensions of available options, please see pages: 30.32 - 30.33

Specifications are subject to change without notice.
RMR Bar System

Features heavy-duty double bolted-on aluminum bar with integrated roller system on the outer radius and on the inner radius per frame stay.

Usable Cavity Widths ($B_i$) are available from 6.00” (152.4 mm) through 38.00” (965.2 mm) in any width increment required.

S1800 - 6.00” - RMR - (KR) - (# of links) - (brackets) - (dividers)

Recommended MINIMUM Width

$$B_{st} = 6.91 \text{ (175.4)}$$

$$B_k = 8.05 \text{ (204.4)}$$

$$h_G = 5.51 \text{ (140)}$$

$$B_{st} = B_i + 0.91 \text{ (23)}$$

$$B_k = B_i + 2.05 \text{ (52)}$$

Why use RMR system

- By unscrewing the 2 bolts per bar at both ends of each bar and carefully removing the horizontal rollers and vertical rolling dividers, cables & hoses can be installed.
- Ideal when heavy duty designs involving hoses are required.
- Extremely rugged bolted-on bar construction forms an extremely strong “box” compartment surrounding contents that resists twisting and deformation under load.
- Smooth cable friendly and strong aluminum bars with rolling Delrin® surfaces form nearly a frictionless cavity compartment.
- In-field serviceability.
- Exact widths are available to fit any application’s width restrictions.

S1800 - 38.00” - RMR - (KR) - (# of links) - (brackets) - (dividers)

Recommended MAXIMUM Width

$$B_{st} = 38.91 \text{ (988.2)}$$

$$B_k = 40.05 \text{ (1017.2)}$$

Note: For extended widths, multiple chain-band designs are available, please consult factory: 1-800-443-4216

RMR System Assembly Detail

Mounting Bracket Options

For detailed drawings and dimensions of available options, please see pages: 30.30 - 30.33

Specifications are subject to change without notice.
Series S/SX 1800

LG Bar System

Features bolted-on heavy-duty split and bored aluminum bars

Bar Widths ($B_{st}$) are available from 6.00" (152.4 mm) through 39.00" (990.6 mm) in any width increment required by the customer.

**S1800 - 6.00” - LG - (# of links) - (brackets) - (holes)**

Recommended

MINIMUM Width

- $h_G = 5.51$ (140)
- $D_{max} = 4.33$ (110)
- $B_{st} = 6.00$ (152.4)
- $B_k = 7.26$ (184.4)
- $B_k = B_{st} + 1.26$ (32)

**S1800 - 39.00” - LG - (# of links) - (brackets) - (holes)**

Recommended

MAXIMUM Width

- $h_G = 5.51$ (140)
- $D_{max} = 4.33$ (110)
- $B_{st} = 30.00$ (990.6)
- $B_k = 40.26$ (1022.6)
- $A_{o_min} = 0.55$ (14)
- $c_{min} = 0.20$ (5)

Note: For extended widths, multiple chain-band designs are available. Please consult factory: 1-800-443-4216

**Why use LG system**

- By simply unscrewing 1 bolt per split-bar at both ends of each bar and sliding out the unbolted split-bar, cables & hoses can be easily installed (laid inside, in each specifically designed 1/2 round).
- Ideal when unique cables and hoses must be individually separated.
- Extremely rugged bolted-on bar construction forms an exceptionally strong “collar” surrounding individual contents that resists twisting and deformation under load.
- Smooth cable friendly and strong aluminum bar design that is made to match the individual cable and/or hose sizes and types. Cable manufacturers’ favorite system.
- In-field service possible.
- Exact widths are available to fit any application’s width restrictions.

**LG System Assembly Detail**

- $B_{st} = \text{Cut bar length}$
- $B_k = \text{Outer chain width}$
- $h_G = \text{Outer chain link height}$
- $D_{max} = \text{Maximum hole diameter}$
- $c_{min} = \text{Minimum distance between holes}$
- $a_{o_min} = \text{Minimum hole offset from end}$

**Mounting Bracket Options**

For detailed drawings and dimensions of available options, please see pages: 30.32 - 30.33
### Specifications

**Total Machine Travel (L<sub>s</sub>)**

- **Extended**: When application travel exceeds the self-supporting length of Varitrak S carrier systems, KS Support Rollers or Rolling Carriage Systems can be used to extend travel.

**Calculation of Chain Length**

\[
L_k = \text{total machine travel} \\
L_k = 3.14 \times KR + (4 \times t \text{ safety factor}) \\
L_k = \text{chain length required} \\
L_k = \frac{L_s}{2} + \text{length of the curve (L<sub>B</sub>)}* \\
* Assumes the Fixed Point is located at the Center of the Total Machine Travel.

**How To Order**

- **1-800-443-4216**

**Available chain band materials:**

- **Type S** = heavy-duty galvanized steel (standard)
- **Type SX** = Stainless steel (special order)
- **SX-ER 1** = Stainless steel
- **SX-ER 1S** = Stainless steel, sea water resistant
- **SX-ER 2** = High-strength stainless steel

Please contact us for further information and considerations regarding special chain band materials.

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### General Data

#### Series S/SX 2500

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<th>Option</th>
<th>Mounting Height H</th>
<th>Bend Radius KR *</th>
<th>Depot UB</th>
<th>Loop Length L&lt;sub&gt;B&lt;/sub&gt;</th>
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<td>72.64 (1845)</td>
<td>192.12 (4880)</td>
</tr>
<tr>
<td>Option H</td>
<td>118.50 (3010)</td>
<td>54.92 (1395)</td>
<td>78.94 (2005)</td>
<td>211.91 (5383)</td>
</tr>
</tbody>
</table>

* Bend Radius (KR) tolerance is +5% / -10%

---

### Technical Data

#### Dimensions in inches (mm)

- **LS** = total machine travel
- **LB** = 3.14 x KR + (4 x t safety factor)
- **LK** = chain length required
- **LK** = LS / 2 + length of the curve (L<sub>B</sub>)*

* Assumes the Fixed Point is located at the Center of the Total Machine Travel.

---

#### Available chain band materials:

- **Type S** = heavy-duty galvanized steel (standard)
- **Type SX** = Stainless steel (special order)
- **SX-ER 1** = Stainless steel
- **SX-ER 1S** = Stainless steel, sea water resistant
- **SX-ER 2** = High-strength stainless steel

Please contact us for further information and considerations regarding special chain band materials.

---

### How To Order

**1-800-443-4216**

**Available chain band materials:**

- **Type S** = heavy-duty galvanized steel (standard)
- **Type SX** = Stainless steel (special order)
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- **SX-ER 1S** = Stainless steel, sea water resistant
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Please contact us for further information and considerations regarding special chain band materials.

---

### Extended Travel:

When application travel exceeds the self-supporting length of Varitrak S carrier systems, KS Support Rollers or Rolling Carriage Systems can be used to extend travel.

For more information on extended travel systems, see pages 02.27 - 02.36

---

### How To Order

**1-800-443-4216**

**Available chain band materials:**

- **Type S** = heavy-duty galvanized steel (standard)
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### How To Order

**1-800-443-4216**

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- **Type S** = heavy-duty galvanized steel (standard)
- **Type SX** = Stainless steel (special order)
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---

### Extended Travel:

When application travel exceeds the self-supporting length of Varitrak S carrier systems, KS Support Rollers or Rolling Carriage Systems can be used to extend travel.

For more information on extended travel systems, see pages 02.27 - 02.36

---
**VARITRAK S/SX**

**Steel**

- **open style**
- **customizable widths**

**Series S/SX 2500**

---

**RMS**

**Bar System**

Features heavy-duty double bolted-on aluminum bar on the outer radius and on the inner radius per frame stay.

Usable Cavity Widths ($B_i$) are available from 7.00” (177.8 mm) through 56.00” (1422.4 mm) in any width increment required by the customer.

---

**S2500 - 7.00” - RMS**

- (KR) - (# of links) - (brackets) - (dividers)

Recommended

**MINIMUM Width**

$h_G = 8.66 \text{ (220)}$

$B_i = 7.00 \text{ (177.8)}$

$7.20 \text{ (183)} = h_i$

$B_{st} = 8.46 \text{ (214.6)}$

$B_k = 9.68 \text{ (245.8)}$

For detailed drawings and dimensions of available options, please see pages: 30.34 - 30.35

---

**S2500 - 56.00” - RMS**

- (KR) - (# of links) - (brackets) - (dividers)

Recommended

**MAXIMUM Width**

$h_G = 8.66 \text{ (220)}$

$B_i = 56.00 \text{ (1422.4)}$

$7.20 \text{ (183)} = h_i$

$B_{st} = 57.46 \text{ (1459.5)}$

$B_k = 58.68 \text{ (1490.5)}$

---

**Why use RMS system**

- By simply unscrewing the 2 bolts per bar at both ends of each bar, cables & hoses can be quickly and easily installed (laid inside).
- Ideal when heavy duty and cost effective designs are required.
- Extremely rugged bolted-on bar construction forms an extremely strong “box” compartment surrounding contents that resists twisting and deformation under load.
- Smooth cable friendly and strong aluminum bars.
- Quick and easy in-field service.
- Exact widths are available to fit any application’s width restrictions.

---

**RMS System Assembly Detail**

---

**Mounting Bracket Options**

For detailed drawings and dimensions of available options, please see pages: 30.34 - 30.35

---

Specifications are subject to change without notice.

Need help? **1-800-443-4216** or **www.kabelschlepp.com**

---
LG Bar System

Features bolted-on heavy-duty split and bored aluminum bars

Bar Widths (Bst) are available from 8.50" (215.9 mm) through 46.00" (1168.4 mm) in any width increment required by the customer.

**S2500 - 8.50" - LG - (KR) - (# of links) - (brackets) - (holes)**

Recommended **MINIMUM** Width

- hG = 8.66 (220)
- Dmax = 7.09 (180)
- Bst = 8.50 (215.9)
- Bk = 9.72 (246.9)

REQUIRED

A vertical bolt connecting the top and bottom halves of the LG bars must be used every 18.00" of Bl.

**S2500 - 46.00" - LG - (KR) - (# of links) - (brackets) - (holes)**

Recommended **MAXIMUM** Width

- hG = 8.66 (220)
- Cmin = 0.20 (5)
- AOmin = 0.87 (22)
- Bst = 46.00 (1168.4)
- Bk = 47.22 (1199.4)

**Why use LG system**

- By simply unscrewing 2 bolts per split-bar at both ends of each bar and sliding out the unbolted split-bar, cables & hoses can be easily installed (laid inside, in each specifically designed 1/2 round).
- Ideal when unique cables and hoses must be individually separated.
- Extremely rugged bolted-on bar construction forms an exceptionally strong “collar” surrounding individual contents that resists twisting and deformation under load.
- Smooth cable friendly and strong aluminum bar design that is made to match the individual cable and/or hose sizes and types. Cable manufacturers’ favorite system.
- In-field service possible.
- Exact widths are available to fit any application’s width restrictions.

**LG System Assembly Detail**

**Mounting Bracket Options**

For detailed drawings and dimensions of available options, please see pages: 30.34 - 30.35

Specifications are subject to change without notice.
Calculating Chain Length

**Extended Travel:**

When application travel exceeds the self-supporting length of Varitrak S carrier systems, KS Support Rollers or Rolling Carriage Systems can be used to extend travel.

**Self-Supporting Lengths**

For more information on extended travel systems, see pages 02.27 - 02.36.

**How To Order**

1-800-443-4216

<table>
<thead>
<tr>
<th>Number of Systems Req.</th>
<th>Carrier Type</th>
<th>Bar Width (Bst)</th>
<th>Type Frame Stay</th>
<th>Bend Radius</th>
<th># of Links</th>
<th>Type &amp; Position Brackets</th>
<th># of Holes</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>S3200</td>
<td>42.50”</td>
<td>LG</td>
<td>1275</td>
<td>42</td>
<td>MI/FL</td>
<td>33</td>
</tr>
</tbody>
</table>
Features bolted-on heavy-duty split and bored aluminum bars. Bar Widths ($B_{st}$) are available from 10.50" (266.7 mm) through 57.00" (1447.8 mm) in any width increment required by the customer.

**S3200 - 10.50" - LG**

- **Recommended MINIMUM Width**
  - $h_G = 11.81$ (300)
  - $B_{max} = 8.66$ (220)
  - $B_{st} = 10.50$ (266.7)
  - $B_k = 12.07$ (306.7)

**S3200 - 57.00" - LG**

- **Recommended MAXIMUM Width**
  - $h_G = 11.81$ (300)
  - $C_{min} = 0.20$ (5)
  - $A_{o,min} = 0.87$ (22)

**Note:** For extended widths, multiple chain-band designs are available, please consult factory: 1-800-443-4216

**Why use LG system**

- By simply unscrewing 2 bolts per split-bar at both ends of each bar and sliding out the unbolted split-bar, cables & hoses can be easily installed (laid inside, in each specifically designed 1/2 round).
- Ideal when unique cables and hoses must be individually separated.
- Extremely rugged bolted-on bar construction forms an exceptionally strong “collar” surrounding individual contents that resists twisting and deformation under load.
- Smooth cable friendly and strong aluminum bar design that is made to match the individual cable and/or hose sizes and types. Cable manufacturers' favorite system.
- In-field service possible.
- Exact widths are available to fit any application's width restrictions.

**LG System Assembly Detail**

**Mounting Bracket Options**

For detailed drawings and dimensions of available options, please see pages: 30.34 - 30.35

Specifications are subject to change without notice.

Need help? 1-800-443-4216 or www.kabelschlepp.com
Varitrak Series S/SX 5000, 6000, 7000 and Larger

Do you have an application that is super-sized? KabelSchlepp has a long and successful history of supplying Super-Duty Cable and Hose Carrier systems in a wide range of industries and applications. Using standard components and proven technologies, KabelSchlepp Super-Duty Steel Cable and Hose Carrier Systems can be custom manufactured to meet your individual application requirements. Call your KabelSchlepp factory representative at 1-800-443-4216 for complete information and design assistance!

- Rugged Super-Duty systems that can be scaled to meet EXTREME size and load requirements.
- Available in high-grade galvanized (Type S) or stainless steel (Type SX) with a variety of environment and application specific coatings.
- Utilizing standard components and cutting edge manufacturing technology, systems can be designed, manufactured and installed in record time.
- Select from a wide variety of frame stay and partitioning options custom configured to your unique needs.
- Work with a team of dependable and experienced engineers who understand the unique requirements of super-duty applications to ensure project success.
General Data for Super-Duty Steel Systems

Self-Supporting Length

![Graph showing self-supporting length](image)

Dimensional Data

<table>
<thead>
<tr>
<th>Series</th>
<th>(t) Link Pitch</th>
<th>hi max</th>
<th>hG</th>
<th>Bk min</th>
<th>Bk max</th>
</tr>
</thead>
<tbody>
<tr>
<td>S/SX 5000</td>
<td>t = 7.87 (200)</td>
<td>5.91 (150)</td>
<td>7.87 (200)</td>
<td>9.84 (250)</td>
<td>47.24 (1200)</td>
</tr>
<tr>
<td>S/SX 6000</td>
<td>t = 12.60 (320)</td>
<td>9.45 (240)</td>
<td>11.81 (300)</td>
<td>11.81 (300)</td>
<td>59.06 (1500)</td>
</tr>
<tr>
<td>S/SX 7000</td>
<td>t = 17.72 (450)</td>
<td>14.57 (370)</td>
<td>17.72 (450)</td>
<td>13.78 (350)</td>
<td>70.87 (1800)</td>
</tr>
</tbody>
</table>

Larger systems and special designs are possible.
Call your KabelSchlepp factory representative at 1-800-443-4216 for complete information and design assistance!

Available Bend Radii (KR)

<table>
<thead>
<tr>
<th>Series</th>
<th>Bend Radii (KR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>S/SX 5000</td>
<td>19.69 (500)</td>
</tr>
<tr>
<td></td>
<td>23.62 (600)</td>
</tr>
<tr>
<td></td>
<td>31.50 (800)</td>
</tr>
<tr>
<td></td>
<td>39.37 (1000)</td>
</tr>
<tr>
<td></td>
<td>47.24 (1200)</td>
</tr>
<tr>
<td>S/SX 6000</td>
<td>27.56 (700)</td>
</tr>
<tr>
<td></td>
<td>35.43 (900)</td>
</tr>
<tr>
<td></td>
<td>43.31 (1100)</td>
</tr>
<tr>
<td></td>
<td>51.18 (1300)</td>
</tr>
<tr>
<td></td>
<td>59.06 (1500)</td>
</tr>
<tr>
<td>S/SX 7000</td>
<td>43.31 (1100)</td>
</tr>
<tr>
<td></td>
<td>49.21 (1250)</td>
</tr>
<tr>
<td></td>
<td>59.06 (1500)</td>
</tr>
<tr>
<td></td>
<td>70.87 (1800)</td>
</tr>
<tr>
<td></td>
<td>94.49 (2400)</td>
</tr>
</tbody>
</table>

Application specific bend radii are possible upon request.
VARITRAK Series S Standard Mounting Brackets for 0650, 0950, 1250, 1800

Standard Mount - Fixed End Brackets

<table>
<thead>
<tr>
<th>Size</th>
<th>a</th>
<th>b</th>
<th>c</th>
<th>d</th>
<th>e</th>
<th>f</th>
<th>g</th>
<th>h</th>
<th>i</th>
<th>j</th>
<th>k</th>
</tr>
</thead>
<tbody>
<tr>
<td>S0650</td>
<td>B_k</td>
<td>0.98 (25)</td>
<td>B_k</td>
<td>1.45 (37)</td>
<td>0.68 (17)</td>
<td>0.51 (13)</td>
<td>1.18 (30)</td>
<td>0.12 (3)</td>
<td>0.20 (5)</td>
<td>0.59 (15)</td>
<td>1.77 (45)</td>
</tr>
<tr>
<td>S0950</td>
<td>B_k</td>
<td>1.93 (49)</td>
<td>B_k</td>
<td>2.48 (63)</td>
<td>1.18 (30)</td>
<td>0.98 (25)</td>
<td>2.16 (55)</td>
<td>0.15 (4)</td>
<td>0.39 (10)</td>
<td>0.79 (20)</td>
<td>2.55 (65)</td>
</tr>
<tr>
<td>S1250</td>
<td>B_k</td>
<td>1.81 (46)</td>
<td>B_k</td>
<td>2.52 (64)</td>
<td>1.18 (30)</td>
<td>0.98 (25)</td>
<td>2.16 (55)</td>
<td>0.19 (5)</td>
<td>0.39 (10)</td>
<td>0.98 (25)</td>
<td>3.14 (80)</td>
</tr>
<tr>
<td>S1800</td>
<td>B_k</td>
<td>2.08 (53)</td>
<td>B_k</td>
<td>3.03 (77)</td>
<td>1.38 (35)</td>
<td>0.98 (25)</td>
<td>2.36 (60)</td>
<td>0.19 (5)</td>
<td>0.39 (10)</td>
<td>1.18 (30)</td>
<td>4.52 (115)</td>
</tr>
</tbody>
</table>

Standard Mount - Moving End Brackets

<table>
<thead>
<tr>
<th>Size</th>
<th>l</th>
<th>m</th>
<th>n</th>
<th>o</th>
<th>p</th>
<th>q</th>
<th>r</th>
<th>s</th>
<th>t</th>
<th>u</th>
<th>v</th>
</tr>
</thead>
<tbody>
<tr>
<td>S0650</td>
<td>B_k</td>
<td>0.75 (19)</td>
<td>B_k</td>
<td>1.69 (43)</td>
<td>0.68 (17)</td>
<td>0.51 (13)</td>
<td>1.18 (30)</td>
<td>0.12 (3)</td>
<td>0.20 (5)</td>
<td>0.59 (15)</td>
<td>1.77 (45)</td>
</tr>
<tr>
<td>S0950</td>
<td>B_k</td>
<td>1.61 (41)</td>
<td>B_k</td>
<td>2.79 (71)</td>
<td>1.18 (30)</td>
<td>0.98 (25)</td>
<td>2.16 (55)</td>
<td>0.16 (4)</td>
<td>0.39 (10)</td>
<td>0.79 (20)</td>
<td>2.55 (65)</td>
</tr>
<tr>
<td>S1250</td>
<td>B_k</td>
<td>1.41 (36)</td>
<td>B_k</td>
<td>2.91 (74)</td>
<td>1.18 (30)</td>
<td>0.98 (25)</td>
<td>2.16 (55)</td>
<td>0.20 (5)</td>
<td>0.39 (10)</td>
<td>0.98 (25)</td>
<td>3.14 (80)</td>
</tr>
<tr>
<td>S1800</td>
<td>B_k</td>
<td>1.61 (41)</td>
<td>B_k</td>
<td>3.46 (88)</td>
<td>1.38 (35)</td>
<td>0.98 (25)</td>
<td>2.36 (60)</td>
<td>0.20 (5)</td>
<td>0.39 (10)</td>
<td>1.18 (30)</td>
<td>4.52 (115)</td>
</tr>
</tbody>
</table>

Varitrak S Standard Bracket Position Options

Bracket End
M - Moving End
F - Fixed End

Bracket Position
A - connecting surface on outside radius (standard)
I - connecting surface on inside radius
H - connecting surface turned 90° to the outside radius
K - connecting surface turned 90° to the inside radius
F - face/flange mount (see opposite page)

Please specify the desired bracket variant and position when ordering
Example: FA/MAI (Standard) or FAA/MIA
The bracket positions at the Fixed End and Moving End can be changed later if required.
VARITRAK Series S Face Mount Brackets For 0950, 1250, 1800

Face Mount - Fixed End Brackets

<table>
<thead>
<tr>
<th>Size</th>
<th>a</th>
<th>b</th>
<th>c</th>
<th>d</th>
<th>e</th>
<th>f</th>
<th>g</th>
<th>h</th>
<th>i</th>
<th>j</th>
<th>k</th>
<th>l</th>
</tr>
</thead>
<tbody>
<tr>
<td>S0950</td>
<td>Bj+ 4.84 (122.9)</td>
<td>Bj+ 3.09 (78.5)</td>
<td>-</td>
<td>0.88 (22.4)</td>
<td>1.75 (44.5)</td>
<td>0.16 (4)</td>
<td>0.75 (19.1)</td>
<td>0.50 (12.7)</td>
<td>3.00 (88.9)</td>
<td>3.50 (88.9)</td>
<td>0.41 (10.4)</td>
<td>4.00 (101.6)</td>
</tr>
<tr>
<td>S1250</td>
<td>Bj+ 5.27 (133.9)</td>
<td>Bj+ 3.52 (89.4)</td>
<td>-</td>
<td>0.88 (22.4)</td>
<td>1.75 (44.5)</td>
<td>0.18 (4.6)</td>
<td>0.75 (19.1)</td>
<td>0.50 (12.7)</td>
<td>3.00 (88.9)</td>
<td>3.50 (88.9)</td>
<td>0.41 (10.5)</td>
<td>4.00 (101.6)</td>
</tr>
<tr>
<td>S1800</td>
<td>Bj+ 7.39 (187.7)</td>
<td>Bj+ 4.78 (124.4)</td>
<td>2.00 (50.8)</td>
<td>1.31 (33.3)</td>
<td>2.63 (66.8)</td>
<td>0.20 (5.1)</td>
<td>1.00 (25.4)</td>
<td>1.26 (32)</td>
<td>3.00 (88.9)</td>
<td>4.50 (114.3)</td>
<td>0.56 (14.2)</td>
<td>5.51 (140)</td>
</tr>
</tbody>
</table>

Dimensions in inches (mm)

Face Mount - Moving End Brackets

<table>
<thead>
<tr>
<th>Size</th>
<th>m</th>
<th>n</th>
<th>o</th>
<th>p</th>
<th>q</th>
<th>r</th>
<th>s</th>
<th>t</th>
<th>u</th>
<th>v</th>
<th>w</th>
<th>x</th>
</tr>
</thead>
<tbody>
<tr>
<td>S0950</td>
<td>Bj+ 4.52 (114.8)</td>
<td>Bj+ 2.77 (70.4)</td>
<td>-</td>
<td>0.88 (22.4)</td>
<td>1.75 (44.5)</td>
<td>0.16 (4)</td>
<td>0.75 (19.1)</td>
<td>0.50 (12.7)</td>
<td>3.00 (88.9)</td>
<td>3.50 (88.9)</td>
<td>0.41 (10.4)</td>
<td>4.00 (101.6)</td>
</tr>
<tr>
<td>S1250</td>
<td>Bj+ 4.88 (124)</td>
<td>Bj+ 3.13 (79.5)</td>
<td>-</td>
<td>0.88 (22.4)</td>
<td>1.75 (44.5)</td>
<td>0.18 (4.6)</td>
<td>0.75 (19.1)</td>
<td>0.50 (12.7)</td>
<td>3.00 (88.9)</td>
<td>3.50 (88.9)</td>
<td>0.41 (10.5)</td>
<td>4.00 (101.6)</td>
</tr>
<tr>
<td>S1800</td>
<td>Bj+ 6.92 (175.8)</td>
<td>Bj+ 4.29 (109)</td>
<td>2.00 (50.8)</td>
<td>1.31 (33.3)</td>
<td>2.63 (66.8)</td>
<td>0.20 (5.1)</td>
<td>1.00 (25.4)</td>
<td>1.26 (32)</td>
<td>3.00 (88.9)</td>
<td>4.50 (114.3)</td>
<td>0.56 (14.2)</td>
<td>5.51 (140)</td>
</tr>
</tbody>
</table>

Dimensions in inches (mm)

Varitrak S Face/Flange Mount Bracket

Bracket End
M - Moving End
F - Fixed End

Bracket Designation
F - Face Mount Bracket (standard position)

When specifying Varitrak S Face Mount Brackets, use the letter F for the Bracket Position designation of the assembly part number description.

Example: FF/MF
KabelSchlepp mounting brackets for Varitrak S 2500 and 3200 series carriers are available in both standard steel (S) or high-grade stainless steel (SX).
VARITRAK S/SX 2500 & S/SX 3200 Bracket Position Options

Bracket End
M - Moving End
F - Fixed End

Bracket Position
A - connecting surface on outside radius (standard)
I - connecting surface on inside radius

Please specify the desired bracket variant and position when ordering.

Example: FA/MA (Standard) or FA/MI
The bracket positions at the Fixed End and Moving End can be changed later if required.

VARITRAK S Series Mounting Brackets For S/SX 5000, 6000, & 7000

KabelSchlepp mounting brackets for Varitrak 5000, 6000 and 7000 S/SX series carriers are available in both standard steel (S) or high-grade stainless steel (SX). Custom designed brackets per system requirements are also available. Call your KabelSchlepp factory representative at 1-800-443-4216 for complete information and design assistance!