A Superior Tracking and Support System for Conveyor Curves

NEW!

Dual Magnetic Corner Tracks

A System Plast Group Company
CHARACTERISTICS
The Dual Magnetic System Curves are used in conjunction with stainless steel or plastic chains.

The chains are retained in the system by the magnetic field created by the magnets that are located within the curve material. The Dual Magnetic System chains and curves, compared to the older tab or bevel system, offer the user greater flexibility and improved efficiency as the design allows for easy removal of the chains from the curve - for cleaning and maintenance purposes. In this way, magnetic corner tracks contribute to TPM (Total Productive Maintenance) programs.

ADVANTAGES
Steel and Plastic chains can be used in the same curves which means simpler conveyor construction, reduced inventories and ultimately lower costs. Stainless Steel sideflexing magnetic retained chain has the same hinge width as the 815 series straight running chain and therefore uses the identical sprockets to the 815 series.

Easier maintenance construction
Magnetic retained chains do not incorporate the use of tab or bevel shoes, therefore, with a magnetic system, chains can be removed from the curve without dismantling the chain. As a result, maintenance and cleaning is easier which reduces downtime.

NEW MAGNETIC SYSTEM WITH METAL STRIP: “EXTRA” CURVES
System Plast has recently developed a new magnetic corner retention system for dry-running applications. The system, which is patent pending, sets new performance standards in magnet curve technology due to the inclusion of a unique metal strip mounted in the inside bearing face of the top section. This area is constantly under load due to the pressure/speed factor.

Main advantages:
• Extreme dissipation of heat significantly reduces wear.
• Under test conditions, lowest noise decibel levels were recorded.
• “Extra” curves are strongly recommended with plastic chains only!
MAGNETIC PACKS - System Plast has developed special magnetic packs for the Dual Magnetic System curves. These unique magnet holders are located into slots machined in the upper section of the curve.

DESIGN AND FUNCTIONALITY - Dual Magnetic System curves have the magnets positioned on the outside of the center line radius of each track which results in a more effective countering through the curve. The positioning of the magnets in the Dual Magnetic System does not increase the chain load or friction, unlike other similar systems.
Nolu-S Material

The Best Solution for the Upper Section of the Magnetic Corner Track

Nolu-S is a blend of UHMW and other dry lubricants that maintain good wear characteristics while significantly reducing coefficients of friction. Its unique self-lubricating properties make it ideal for applications requiring reduced friction, noise reduction, and higher dry-running speeds.

Why use Nolu-S for the Upper Part of the Curve?

- Nolu-S makes very high speeds possible, especially when running dry.
- Nolu-S has an extremely low coefficient of friction.
- Nolu-S reduces noise and squeaking.
- Nolu-S reduces chain pull.
- Nolu-S extends the life of the chain.
- Nolu-S reduces energy consumption
- Nolu-S is UHMW-PE 1000 with a solid lubricant, FDA approved.
Curve Configuration

**Call our Engineering Experts**

To order the products you have selected or to get expert advice in choosing the right ones for your application, call our Engineering Department at 866-765-8744. We will be pleased to quote on curves manufactured to your special requirements. This page can be used when a special design or extensive modifications are required.

**Company Name:**

**Contact Name:**

**Position:**

**Address:**

**City:**

**State:**

**Zip:**

**Phone:**

**Fax:**

**Basic Dimensions**

- **L** = Width
- **TL** = Total Width
- **R** = Radius (first line)
- **P** = Pitch
- **H** = Height (upper part)
- **TH** = Total Height

**Explanation of Curve Reference**

(Example ordering information)

<table>
<thead>
<tr>
<th>KMD</th>
<th>14</th>
<th>90</th>
<th>03</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual Magnetic System Curve</td>
<td>Model</td>
<td>Angle Segment (90°)</td>
<td>Number of Tracks (3 Tracks)</td>
<td>Infeed Length</td>
</tr>
<tr>
<td><strong>KMD</strong></td>
<td><strong>14</strong></td>
<td><strong>90</strong></td>
<td><strong>03</strong></td>
<td><strong>A</strong></td>
</tr>
<tr>
<td>Radius <strong>R</strong> = 610mm/24 in.</td>
<td>Pitch <strong>P</strong> = 85mm/3.35 in.</td>
<td>Basic Width <strong>L</strong> = 100mm/3.94 in.</td>
<td>Total Width <strong>TL</strong> = 270mm/10.63 in.</td>
<td>Total Height <strong>TH</strong> = 90mm/3.54 in.</td>
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</tbody>
</table>
Selection Tables

For chain belts with Lg 82.5 mm - K325" Plate Width - Hinge L. 42.1 mm

<table>
<thead>
<tr>
<th>Chain Series</th>
<th>Radius R</th>
<th>Pitch P</th>
<th>Basic Width L</th>
<th>Total Width TL</th>
<th>Top Track Height H</th>
<th>Version Series K</th>
<th>Reference Number</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>879M - K325</td>
<td>24 in 610 mm</td>
<td>3.35 in 85 mm</td>
<td>3.94 in 100 mm</td>
<td>Pxn of (tracks-1)+L 1.06 in 27 mm</td>
<td>K14</td>
<td>KMD.14_A</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>880M - K325</td>
<td>24 in 610 mm</td>
<td>3.35 in 85 mm</td>
<td>3.94 in 100 mm</td>
<td>Pxn of (tracks-1)+L 1.06 in 27 mm</td>
<td>K14</td>
<td>KMD.14_A</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>881M - K325</td>
<td>24 in 610 mm</td>
<td>3.35 in 85 mm</td>
<td>3.94 in 100 mm</td>
<td>Pxn of (tracks-1)+L 1.06 in 27 mm</td>
<td>K14</td>
<td>KMD.14_A</td>
<td>8</td>
<td></td>
</tr>
</tbody>
</table>

For chains with Lg 114.3 mm - K450" Plate Width - Hinge L. 42.1 mm

<table>
<thead>
<tr>
<th>Chain Series</th>
<th>Radius R</th>
<th>Pitch P</th>
<th>Basic Width L</th>
<th>Total Width TL</th>
<th>Top Track Height H</th>
<th>Version Series K</th>
<th>Reference Number</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>879M - K450</td>
<td>24 in 610 mm</td>
<td>4.61 in 117 mm</td>
<td>5.08 in 129 mm</td>
<td>Pxn of (tracks-1)+L 1.06 in 27 mm</td>
<td>K27</td>
<td>KMD.23_A</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>880M - K450</td>
<td>24 in 610 mm</td>
<td>4.61 in 117 mm</td>
<td>5.08 in 129 mm</td>
<td>Pxn of (tracks-1)+L 1.06 in 27 mm</td>
<td>K27</td>
<td>KMD.23_A</td>
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<tr>
<td>881M - K450</td>
<td>24 in 610 mm</td>
<td>4.61 in 117 mm</td>
<td>5.08 in 129 mm</td>
<td>Pxn of (tracks-1)+L 1.06 in 27 mm</td>
<td>K27</td>
<td>KMD.23_A</td>
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For chains with Lg 190.5 mm - K750" Plate Width - Hinge L. 42.1 mm

<table>
<thead>
<tr>
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<th>Radius R</th>
<th>Pitch P</th>
<th>Basic Width L</th>
<th>Total Width TL</th>
<th>Top Track Height H</th>
<th>Version Series K</th>
<th>Reference Number</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>881M - K750</td>
<td>24 in 610 mm</td>
<td>7.72 in 196 mm</td>
<td>8.43 in 214 mm</td>
<td>Pxn of (tracks-1)+L 1.06 in 27 mm</td>
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<tr>
<td>For Chain Series</td>
<td>Radius R</td>
<td>Pitch P</td>
<td>Basic Width L</td>
<td>Total Width TL</td>
<td>Top Track Height H</td>
<td>Version Series K</td>
<td>Reference Number</td>
<td>Page Number</td>
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</tr>
<tr>
<td>2251M-K330FT</td>
<td>24 in 610 mm</td>
<td>3.35 in 85 mm</td>
<td>3.94 in 100 mm</td>
<td>PxN° of (tracks-1)+L</td>
<td>1.06 in 27 mm</td>
<td>KC14</td>
<td>KMD.16_A</td>
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<tr>
<td>2251M-K450FT</td>
<td>24 in 610 mm</td>
<td>4.61 in 117 mm</td>
<td>5.08 in 129 mm</td>
<td>PxN° of (tracks-1)+L</td>
<td>1.06 in 27 mm</td>
<td>KC27</td>
<td>KMD.66_A</td>
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For LBP chains with Lg 190.5 mm - K750” Plate Width - Hinge L 57 mm

<table>
<thead>
<tr>
<th>For Chain Series</th>
<th>Radius R</th>
<th>Pitch P</th>
<th>Basic Width L</th>
<th>Total Width TL</th>
<th>Top Track Height H</th>
<th>Version Series K</th>
<th>Reference Number</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>LBP882M-K750</td>
<td>33.85 in 860 mm</td>
<td>7.87 in 200 mm</td>
<td>8.43 in 214 mm</td>
<td>PxN° of (tracks-1)+L</td>
<td>1.26 in 32 mm</td>
<td>LBP86C</td>
<td>KMD.71_AC</td>
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</table>

For LBP chains with Lg 254 mm - K1000” Plate Width - Hinge L 57 mm

<table>
<thead>
<tr>
<th>For Chain Series</th>
<th>33.85 in 860 mm</th>
<th>39.37 in 1000mm</th>
<th>10.63 in 270 mm</th>
<th>PxN° of (tracks-1)+L</th>
<th>1.26 in 32 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>LBP882M-K1000</td>
<td>LBP93C</td>
<td>KMD.78_AC</td>
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<td>LBP94C</td>
<td>KMD.79_AC</td>
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For LBP chains with Lg 304.8 mm - K1200” Plate Width - Hinge L 57 mm

<table>
<thead>
<tr>
<th>For Chain Series</th>
<th>33.85 in 860 mm</th>
<th>39.37 in 1000mm</th>
<th>12.60 in 320 mm</th>
<th>-</th>
<th>1.26 in 32 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>LBP882M-K1200</td>
<td>LBP97C</td>
<td>KMD.82_AC</td>
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<td></td>
<td>LBP98C</td>
<td>KMD.83_AC</td>
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</table>
### Magnetic Corner Tracks for Chain Series: K325, K330

The chains are retained in the system by a magnetic field created by magnets that are located within the track material. This design offers the user greater flexibility and improved efficiency by allowing easy removal of the chains from the curve for cleaning and maintenance purposes.

**Radius:** 610 mm, 24 inches

---

**K14**

**Magnetic Corner Tracks for Chain Series: K325, K330**

The chains are retained in the system by a magnetic field created by magnets that are located within the track material. This design offers the user greater flexibility and improved efficiency by allowing easy removal of the chains from the curve for cleaning and maintenance purposes.

**Radius:** 610 mm, 24 inches

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**Material**

Tracks are available in four combinations of material. See page 3 for more information.

---

**Design Feature**

The magnets are positioned on the outside of the center line radius of each track, which results in more effective countering through the curve.

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**Inserts**

Tracks can be supplied with M8 or M10 threaded brass inserts (drawing required).

---

**Compliant with Steel Chains:**

- SSL 881 MO K325 / 10208L
- SSEL 881 MO K325 / 10206L
- SPSL 881 MO K325 HB / 10213L
- SPSL 881 MO K325 / 10255L

**Compliant with Plastic Chains:**

- LF 880 M K325 / 11377M
- LF 879 M K325 / 11395M
- XPG 880 M K325 / 11500MG
- XPG 879 M K325 / 11397MG
- NG 880 M K325 / 11195M
- NG 879 M K325 / 11198M

---

**Inserts**

**Material**

Tracks are available in four combinations of material. See page 3 for more information.

---

**Compatible with the following steel chains:**

- SSL 881 MO K325 / 10208L
- SSEL 881 MO K325 / 10206L
- SPSL 881 MO K325 HB / 10213L
- SPSL 881 MO K325 / 10255L

**Compatible with the following plastic chains:**

- LF 880 M K325 / 11377M
- LF 879 M K325 / 11395M
- XPG 880 M K325 / 11500MG
- XPG 879 M K325 / 11397MG
- NG 880 M K325 / 11195M
- NG 879 M K325 / 11198M

---

**Standard**

Part no. in table

**Nolu-S**

Add NS to part no. (KMD.14.90.01.A NS)

**Nolu-SR**

Add SR to part no. (KMD.14.90.01.A SR)

**All Nolu-S**

Add 2NS to part no. (KMD.14.90.01.A 2NS)

---

<table>
<thead>
<tr>
<th>Number of Tracks</th>
<th>Total Width TL</th>
<th>15° KMD.14.15.01.A</th>
<th>30° KMD.14.30.01.A</th>
<th>45° KMD.14.45.01.A</th>
<th>60° KMD.14.60.01.A</th>
<th>75° KMD.14.75.01.A</th>
<th>90° KMD.14.90.01.A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>100</td>
<td>3.94</td>
<td>KMD.14.15.01.A</td>
<td>KMD.14.30.01.A</td>
<td>KMD.14.45.01.A</td>
<td>KMD.14.60.01.A</td>
<td>KMD.14.75.01.A</td>
</tr>
<tr>
<td>3</td>
<td>270</td>
<td>10.63</td>
<td>KMD.14.15.03.A</td>
<td>KMD.14.30.03.A</td>
<td>KMD.14.45.03.A</td>
<td>KMD.14.60.03.A</td>
<td>KMD.14.75.03.A</td>
</tr>
<tr>
<td>5</td>
<td>440</td>
<td>17.32</td>
<td>KMD.14.15.05.A</td>
<td>KMD.14.30.05.A</td>
<td>KMD.14.45.05.A</td>
<td>KMD.14.60.05.A</td>
<td>KMD.14.75.05.A</td>
</tr>
<tr>
<td>6</td>
<td>525</td>
<td>20.67</td>
<td>KMD.14.15.06.A</td>
<td>KMD.14.30.06.A</td>
<td>KMD.14.45.06.A</td>
<td>KMD.14.60.06.A</td>
<td>KMD.14.75.06.A</td>
</tr>
<tr>
<td>8</td>
<td>695</td>
<td>27.36</td>
<td>KMD.14.15.08.A</td>
<td>KMD.14.30.08.A</td>
<td>KMD.14.45.08.A</td>
<td>KMD.14.60.08.A</td>
<td>KMD.14.75.08.A</td>
</tr>
</tbody>
</table>
Magnetic Corner Tracks for Chain Series: K450
The chains are retained in the system by a magnetic field created by magnets that are located within the track material. This design offers the user greater flexibility and improved efficiency by allowing easy removal of the chains from the curve for cleaning and maintenance purposes.

Radius: 610 mm, 24 inches

*Tolerance on 27mm and 63mm is ±0.35mm or 0.015".

Tracks can be supplied with M8 or M10 threaded brass inserts (drawing required).

Compatible with the following steel chains:
- SSE 881 M K450 / 10201
- LF 880 M K450 / 11380M
- LF 879 M K450 / 11396M
- XPG 880 M K450 / 11501MG
- XPG 879 M K450 / 11398MG
- NG 880 M K450 / 11197M
- NG 879 M K450 / 11421M

Compatible with the following plastic chains:
- LF 880 M K450 / 11380M
- LF 879 M K450 / 11396M
- XPG 880 M K450 / 11501MG
- XPG 879 M K450 / 11398MG
- NG 880 M K450 / 11197M
- NG 879 M K450 / 11421M

Standard
Part no. in table

Nolu-S
Add NS to part no.
(KMD.14.90.01.ANS)

Nolu-SR
Add SR to part no.
(KMD.14.90.01.ASR)

All Nolu-S
Add 2NS to part no.
(KMD.14.90.01.A2NS)

Number of
Tracks
1
2
3
4
5
6
7
8

Total Width
mm
129
246
363
480
597
714
831
948

15°
24°
30°
36°
45°
54°
60°
67°
75°
90°

KMD.23.15.01.A
KMD.23.15.02.A
KMD.23.15.03.A
KMD.23.15.04.A
KMD.23.15.05.A
KMD.23.15.06.A
KMD.23.15.07.A
KMD.23.15.08.A

KMD.23.30.01.A
KMD.23.30.02.A
KMD.23.30.03.A
KMD.23.30.04.A
KMD.23.30.05.A
KMD.23.30.06.A
KMD.23.30.07.A
KMD.23.30.08.A

KMD.23.45.01.A
KMD.23.45.02.A
KMD.23.45.03.A
KMD.23.45.04.A
KMD.23.45.05.A
KMD.23.45.06.A
KMD.23.45.07.A
KMD.23.45.08.A

KMD.23.60.01.A
KMD.23.60.02.A
KMD.23.60.03.A
KMD.23.60.04.A
KMD.23.60.05.A
KMD.23.60.06.A
KMD.23.60.07.A
KMD.23.60.08.A

KMD.23.75.01.A
KMD.23.75.02.A
KMD.23.75.03.A
KMD.23.75.04.A
KMD.23.75.05.A
KMD.23.75.06.A
KMD.23.75.07.A
KMD.23.75.08.A

KMD.23.90.01.A
KMD.23.90.02.A
KMD.23.90.03.A
KMD.23.90.04.A
KMD.23.90.05.A
KMD.23.90.06.A
KMD.23.90.07.A
KMD.23.90.08.A

Design Feature
The magnets are positioned on the outside of the center line radius of each track, which results in more effective counteracting through the curve.

RETURN
GUIDE SHOE

RADIUS

MULTI TRACKS

ONE TRACK
**K61**

**Magnetic Corner Tracks**
for Chain Series: K750

The chains are retained in the system by a magnetic field created by magnets that are located within the track material. This design offers the user greater flexibility and improved efficiency by allowing easy removal of the chains from the curve for cleaning and maintenance purposes.

**Radius:** 610 mm, 24 inches

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**Design Feature**

The magnets are positioned on the outside of the center line radius of each track, which results in more effective countering through the curve.

---

**Standard**

Part no. in table

**Nolu-S**

Add NS to part no.

**Nolu-SR**

Add SR to part no.

**All Nolu-S**

Add 2NS to part no.

<table>
<thead>
<tr>
<th>Number of Tracks</th>
<th>Total Width TL mm</th>
<th>15°</th>
<th>30°</th>
<th>45°</th>
<th>60°</th>
<th>75°</th>
<th>90°</th>
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<tbody>
<tr>
<td>1</td>
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<td>8.43</td>
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<td>2</td>
<td>410</td>
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</tr>
</tbody>
</table>

---

**Tracks**

Tracks are available in four combinations of material. See page 3 for more information.

---

**Inserts**

Tracks can be supplied with M8 or M10 threaded brass inserts (drawing required).

---

**Compatibles**

Compatible with the following steel chains:
- SSE 881 M K750 / 10203

Compatible with the following plastic chains:
- LF 880 M K750 / 11393M
- XPG 880 M K750 / 11394MG
- NG 880 M K750 / 11420M

---

**Tracks**

Tracks can be supplied with M8 or M10 threaded brass inserts (drawing required).
KB14

Magnetic Corner Tracks
for Chain Series: K330

The chains are retained in the system by a magnetic field created by magnets that are located within the track material. This design offers the user greater flexibility and improved efficiency by allowing easy removal of the chains from the curve for cleaning and maintenance purposes.

Radius: 610 mm, 24 inches

Tracks are available in four combinations of material. See page 3 for more information

Tracks can be supplied with M8 or M10 threaded brass inserts (drawing required).

M8

**Return Guide Shoe**

**RADIUS**

**MULTI TRACKS**

*Tolerance on 27mm and 63mm is ±0.35mm or 0.015".

**One Track**

**Design Feature**

The magnets are positioned on the outside of the center line radius of each track, which results in more effective countering through the curve.

---

<table>
<thead>
<tr>
<th>Number of Tracks</th>
<th>Total Width TL</th>
<th>Standard Part no. in table</th>
<th>Nolu-S Add NS to part no. (KMD.14.90.01.ANS)</th>
<th>Nolu-SR Add SR to part no. (KMD.14.90.01.ASR)</th>
<th>All Nolu-S Add 2NS to part no. (KMD.14.90.01.A2NS)</th>
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<tr>
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<td>KMD.15.15.01.A</td>
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<td>KMD.15.15.03.A</td>
<td>KMD.15.45.03.A</td>
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<td>KMD.15.45.05.A</td>
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</tr>
<tr>
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<td>KMD.15.75.07.A</td>
</tr>
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<td>KMD.15.60.08.A</td>
<td>KMD.15.75.08.A</td>
</tr>
</tbody>
</table>

Compatible with the following side flexing chain belts:

- LFG 2250 M K330 FT / 11320
- XPG 2250 M K330 FT / 11320XPG
- LFG 2260 M K330 FT / 11329
- XPG 2260 M K330 FT / 11329XPG

Tracks can be supplied with M8 or M10 threaded brass inserts (drawing required).
**KB27**

### Magnetic Corner Tracks for Chain Series: K450

The chains are retained in the system by a magnetic field created by magnets that are located within the track material. This design offers the user greater flexibility and improved efficiency by allowing easy removal of the chains from the curve for cleaning and maintenance purposes.

**Radius: 610 mm, 24 inches**

Tracks are available in four combinations of material. See page 3 for more information.

Tracks can be supplied with M8 or M10 threaded brass inserts (drawing required).

### Design Feature

The magnets are positioned on the outside of the center line radius of each track, which results in more effective countering through the curve.

---

**Standard**

Part no. in table

**Nolu-S**

Add NS to part no.

(KMD.14.90.01.ANS)

**Nolu-SR**

Add SR to part no.

(KMD.14.90.01.ASR)

**All Nolu-S**

Add 2NS to part no.

(KMD.14.90.01.A2NS)

---

<table>
<thead>
<tr>
<th>Number of Tracks</th>
<th>Total Width TL mm</th>
<th>15°</th>
<th>30°</th>
<th>45°</th>
<th>60°</th>
<th>75°</th>
<th>90°</th>
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</thead>
<tbody>
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<td>KMD.56.30.01.A</td>
<td>KMD.56.45.01.A</td>
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<td>KMD.56.75.01.A</td>
<td>KMD.56.90.01.A</td>
</tr>
<tr>
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<td>9.69</td>
<td>KMD.56.15.02.A</td>
<td>KMD.56.30.02.A</td>
<td>KMD.56.45.02.A</td>
<td>KMD.56.60.02.A</td>
<td>KMD.56.75.02.A</td>
</tr>
<tr>
<td>3</td>
<td>363</td>
<td>14.29</td>
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<td>KMD.56.30.03.A</td>
<td>KMD.56.45.03.A</td>
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<tr>
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<td>KMD.56.60.04.A</td>
<td>KMD.56.75.04.A</td>
</tr>
</tbody>
</table>

---

Compatible with the following side flexing chain belts:

- LFG 2250 M K450 FT / 11327
- XPG 2250 M K450 FT / 11327XPG
Magnetic Corner Tracks
for Chain Series: K330

The chains are retained in the system by a magnetic field created by magnets that are located within the track material. This design offers the user greater flexibility and improved efficiency by allowing easy removal of the chains from the curve for cleaning and maintenance purposes.

Radius: 610 mm, 24 inches

RADIUS

Nolu-S
Add NS to part no.
(KMD.14.90.01.ANS)

Nolu-SR
Add SR to part no.
(KMD.14.90.01.ASR)

All Nolu-S
Add 2NS to part no.
(KMD.14.90.01.A2NS)

<table>
<thead>
<tr>
<th>Number of Tracks</th>
<th>Total Width</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm</td>
</tr>
<tr>
<td>1</td>
<td>100</td>
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<tr>
<td>2</td>
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<td>6</td>
<td>525</td>
</tr>
<tr>
<td>7</td>
<td>610</td>
</tr>
<tr>
<td>8</td>
<td>695</td>
</tr>
</tbody>
</table>

Tracks are available in four combinations of material. See page 3 for more information.

Tracks can be supplied with M8 or M10 threaded brass inserts (drawing required).

*Tolerance on 27mm and 63mm is ±0.35mm or 0.015".

**Design Feature**

The magnets are positioned on the outside of the center line radius of each track, which results in more effective counteracting through the curve.
Magnetic Corner Tracks for Chain Series: K450

The chains are retained in the system by a magnetic field created by magnets that are located within the track material. This design offers the user greater flexibility and improved efficiency by allowing easy removal of the chains from the curve for cleaning and maintenance purposes.

Radius: 610 mm, 24 inches

Tracks are available in four combinations of material. See page 3 for more information.

Tracks can be supplied with M8 or M10 threaded brass inserts (drawing required).

Inserts

Material

Tracks can be supplied with M8 or M10 threaded brass inserts (drawing required).

Compatible with the following side flexing chain belts:

LFG 2251 M K450 FT / 11328
XPG 2251 M K450 FT / 11328XPG

Inserts

Material

Multi Tracks

One Track

SEC. A-A

Design Feature

The magnets are positioned on the outside of the center line radius of each track, which results in more effective countering through the curve.

Standard

Part no. in table

Nolu-S

Add NS to part no. (KMD.14.90.01.ANS)

Nolu-SR

Add SR to part no. (KMD.14.90.01.ASR)

All Nolu-S

Add 2NS to part no. (KMD.14.90.01.A2NS)

<table>
<thead>
<tr>
<th>Number of Tracks</th>
<th>Total Width TL</th>
<th>15°</th>
<th>30°</th>
<th>45°</th>
<th>60°</th>
<th>75°</th>
<th>90°</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>129 mm</td>
<td>5.08 in</td>
<td>KMD.66.15.01.A</td>
<td>KMD.66.30.01.A</td>
<td>KMD.66.45.01.A</td>
<td>KMD.66.60.01.A</td>
<td>KMD.66.75.01.A</td>
</tr>
<tr>
<td>2</td>
<td>246 mm</td>
<td>9.69 in</td>
<td>KMD.66.15.02.A</td>
<td>KMD.66.30.02.A</td>
<td>KMD.66.45.02.A</td>
<td>KMD.66.60.02.A</td>
<td>KMD.66.75.02.A</td>
</tr>
<tr>
<td>3</td>
<td>360 mm</td>
<td>14.29 in</td>
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<td>KMD.66.30.03.A</td>
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<td>KMD.66.60.03.A</td>
<td>KMD.66.75.03.A</td>
</tr>
</tbody>
</table>
Magnetic Corner Tracks for Chain Series: K750, K1000, K1200
The chains are retained in the system by a magnetic field created by magnets that are located within the track material. This design offers the user greater flexibility and improved efficiency by allowing easy removal of the chains from the curve for cleaning and maintenance purposes.

Radius: 860 mm, 34 inches

Magnetic corner tracks for these chains are available. Please see the complete System Plast Conveyor Chains catalog for details or contact our Engineering Department.
Side Flexing Magnetic Chains


Material: “LF Brown” Low friction acetal.

Material: “NG Green” Our proprietary lowest friction PBT.


Material: “LFG Dark Grey” Low friction acetal.


Material: “LFG Dark Grey” Low friction acetal.


Material: “LFG Dark Grey” Low friction acetal.


Material: “LF Brown” Low friction acetal.

Material: “NG Green” Our proprietary lowest friction PBT.