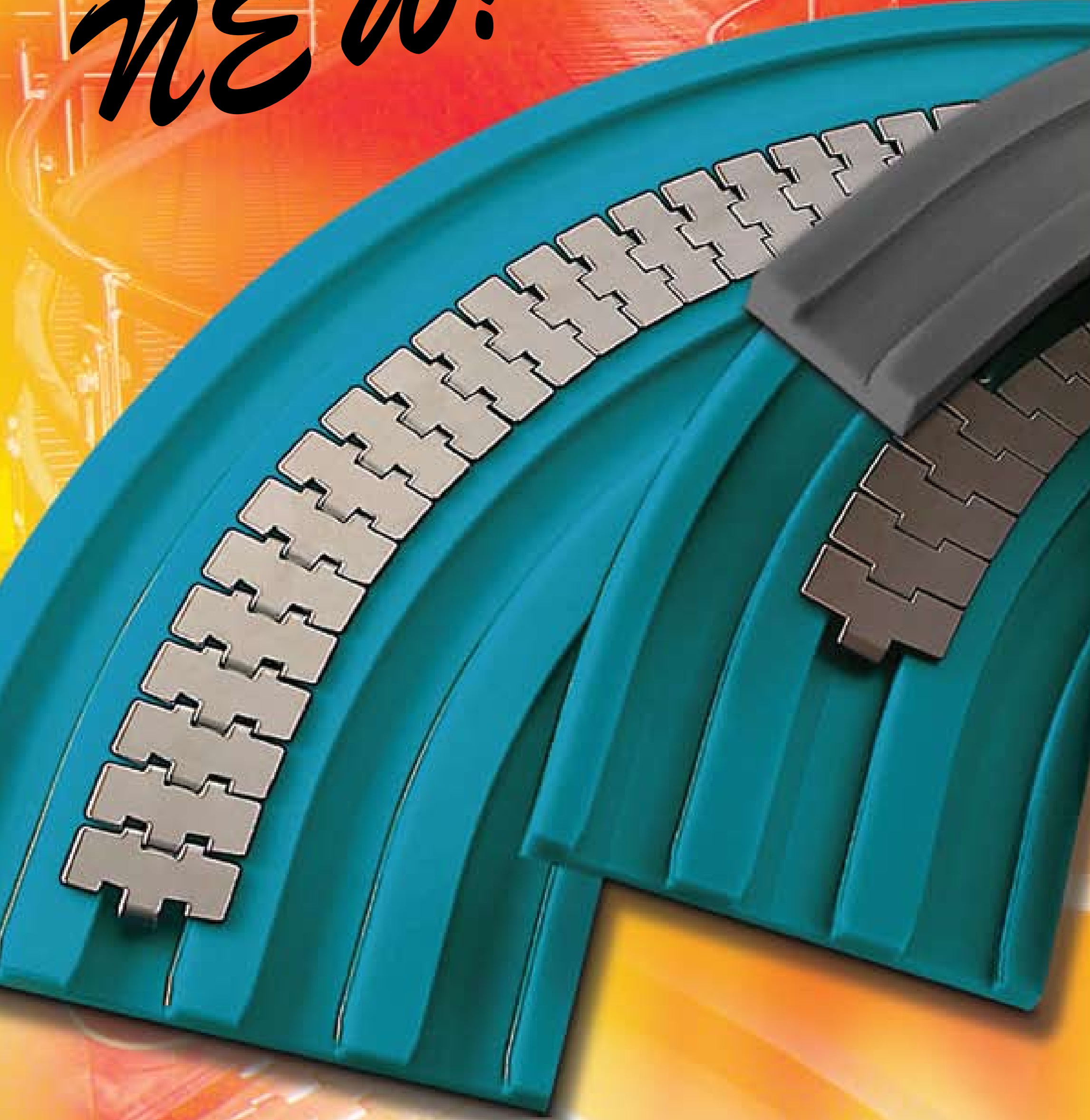
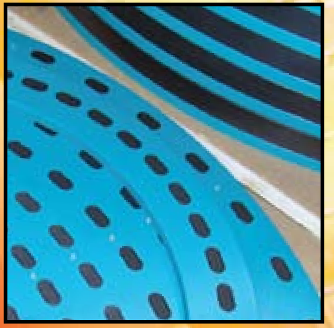
Solus
A System Plast Group Company

NEW!



Dual Magnetic Corner Tracks

A Superior Tracking and Support System for Conveyor Curves

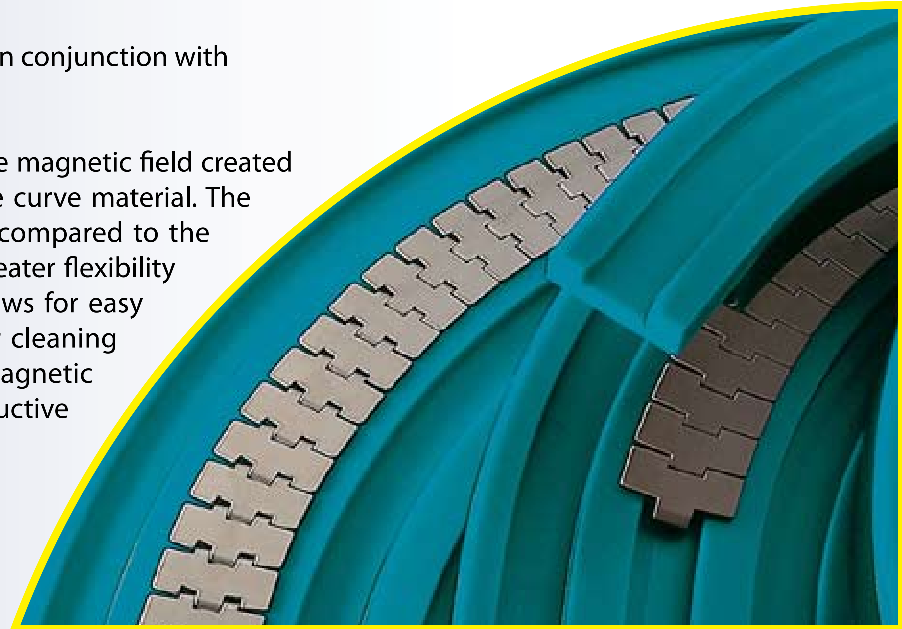


SYSTEM PLAST
CONVEYOR COMPONENTS

CHARACTERISTICS

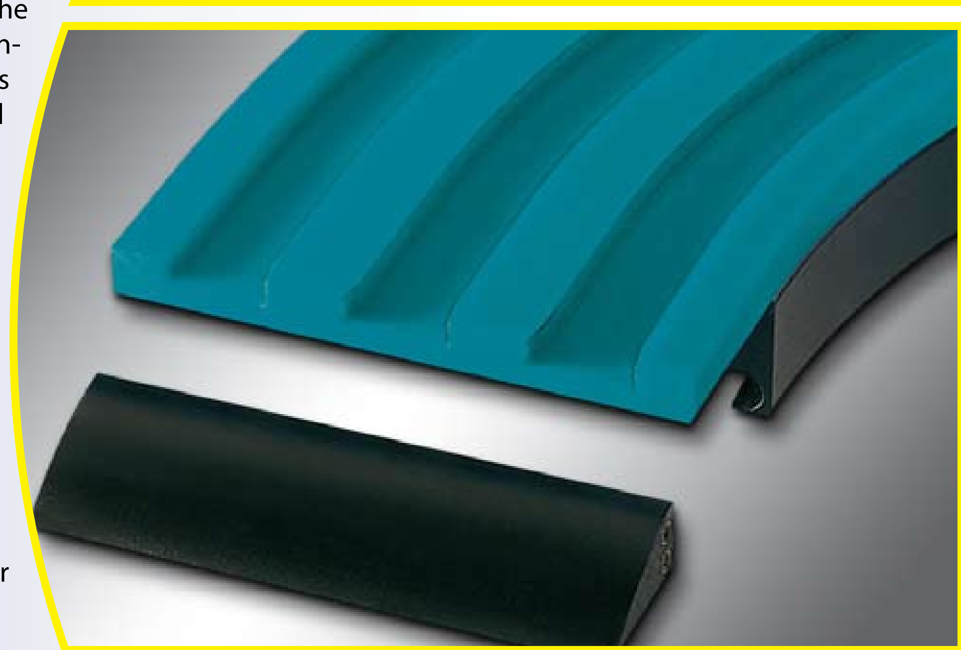
The Dual Magnetic System Curves are used in conjunction with stainless steel or plastic chains.

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.



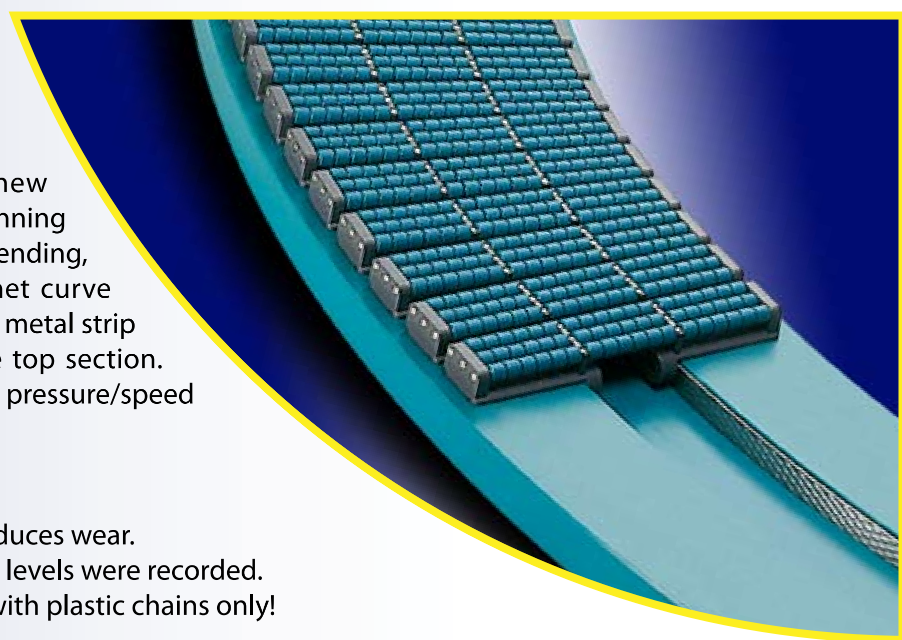
ADVANTAGES

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.

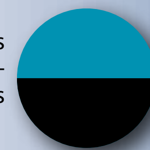
Main advantages:

- 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!

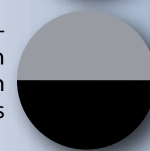
MATERIAL - The standard upper section of the Dual Magnetic System curve is produced from 1200 grade UHMW-PE (ultra high molecular weight polyethylene) with the molecular weight exceeding 7.3 million g/mol., which ensures optimum wear life.

The return track is available in standard regenerated 1000 grade UHMW-PE (ultra high molecular weight polyethylene) with the molecular weight exceeding 4 million g/mol. This ensures a cost saving advantage for the end-user, as the wear on the return track is normally less significant than the top section.

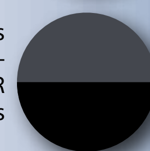
Standard - The standard color of the upper section is waterblue, but it is also available in different colors subject to minimum order quantity. The return section is black regenerate material.



Nolu-S - This type of material is strongly recommended for steel and plastic chains with higher running speeds. The upper section is Nolu-S (light grey). The return section is black regenerate material.



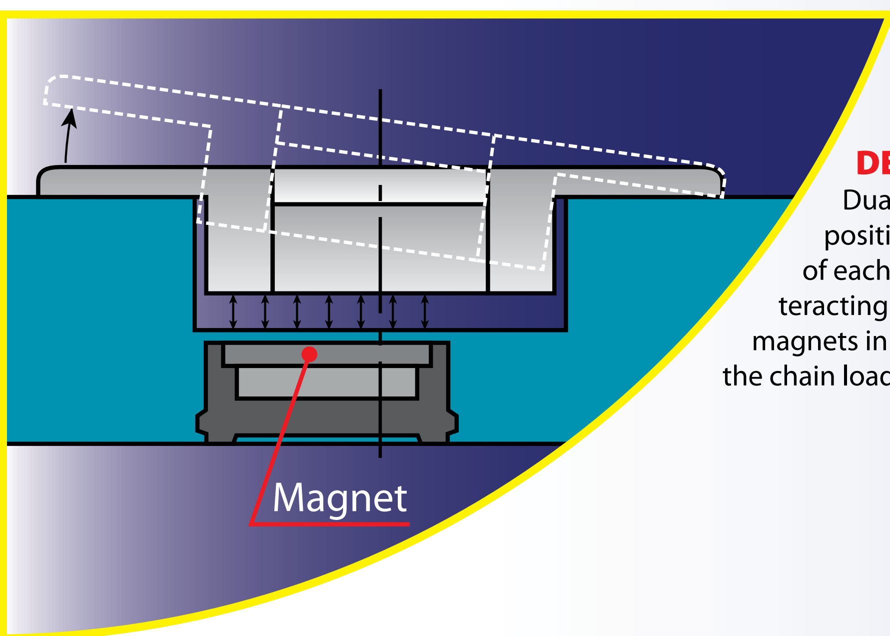
Nolu-SR - This type of material is recommended for abrasive applications. The upper section is Nolu-SR (dark gray). The return section is black regenerate material.



All Nolu-S - The material of choice, strongly recommended for all types of chains (steel, plastic, and chain-belts). It significantly reduces coefficients of friction making it ideal for applications requiring reduced friction, noise reduction, and higher dry-running speeds. The upper and return sections are Nolu-S (light grey).

MAGNETIC PACKS

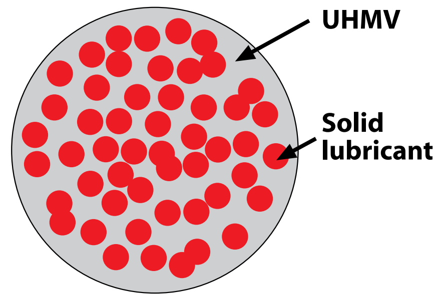
System Plast has developed special magnetic packs for the Dual Magnetic System curves. These unique magnet holders are located into slots machined in the upper section of the curve.



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 counteracting 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

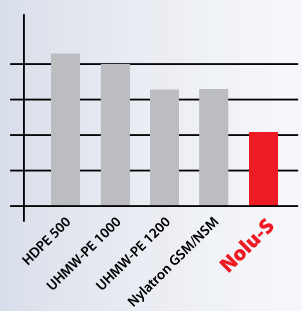


The Best Solution for the Upper Section of the Magnetic Corner Track

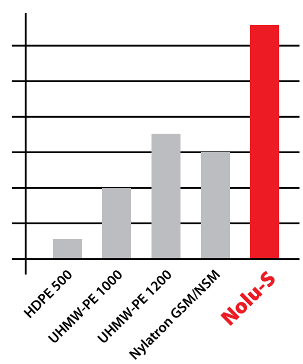
Nolu-S is a blend of UHMW and other dry lubricants that maintain good wear characteristics while significantly reducing coefficients of friction. Its unique self-lubricating properties make it ideal for applications requiring reduced friction, noise reduction, and higher dry-running speeds.

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

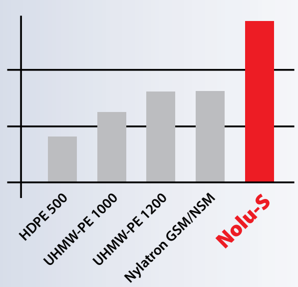
- **Nolu-S** makes very high speeds possible, especially when running dry.
- **Nolu-S** has an extremely low coefficient of friction.
- **Nolu-S** reduces noise and squeaking.
- **Nolu-S** reduces chain pull.
- **Nolu-S** extends the life of the chain.
- **Nolu-S** reduces energy consumption
- **Nolu-S**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



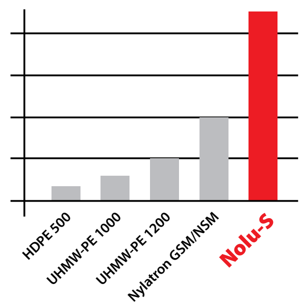
COEFFICIENT OF FRICTION
(AVERAGE)



RELATIVE WEARLIFE



MAX SPEED
MAX. RECOMMENDED SURFACE SPEED (DRY - ACETAL LF CHAIN)



PV - LIMIT

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.

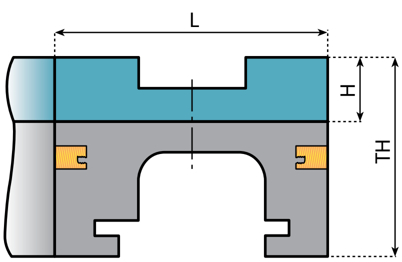
Company Name: ______________________________

Contact Name: ____________________ **Position:** ____________________

Address: ______________________________

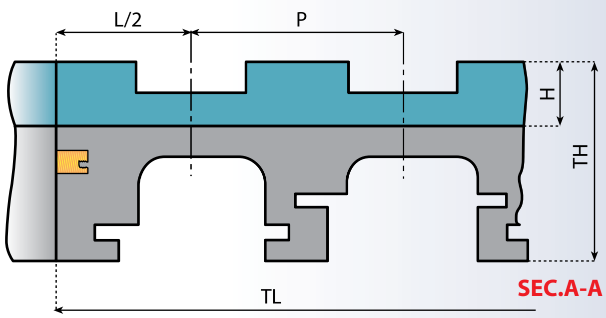
City: ____________________ **State:** __________ **Zip:** ______________

Phone: ____________________ **Fax:** ____________________



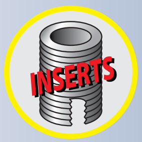
SEC.A-A

ONE TRACK

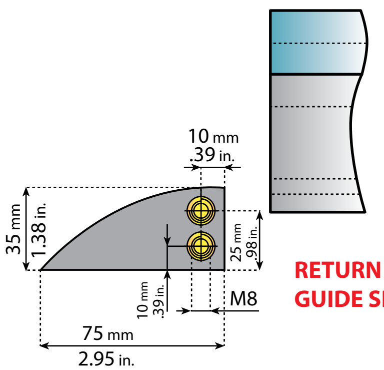


SEC.A-A

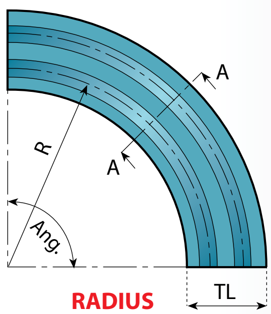
MULTI TRACKS



INSERTS
The magnetic corner tracks can be supplied with M8 or M10 threaded brass inserts (drawing required).



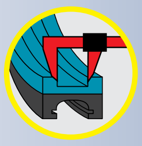
RETURN GUIDE SHOE



RADIUS

Basic Dimensions

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



SPECIAL DIMENSIONS
On request, tracks with special dimensions can be produced.

TECHNICAL SUPPORT
For further information, contact our Technical Support Department

Explanation of Curve Reference
(Example ordering information)

KMD . 14 . 90 . 03 . A

KMD – Dual Magnetic System Curve

14 – Model
Radius **R** = 610mm/24 in.
Pitch **P** = 85mm/3.35 in.
Basic Width **L** = 100mm/3.94 in.
Total Width **TL** = 270mm/10.63 in.
Total Height **TH** = 90mm/3.54 in.
Chain **K** = 82.5mm/3.25 in.

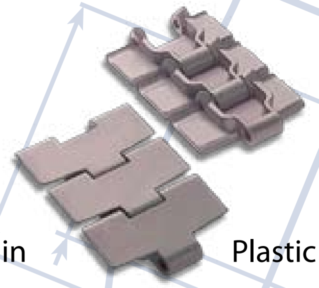
90 – Angle Segment (90°)

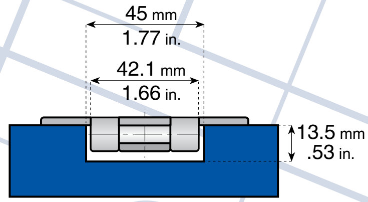
03 – Number of Tracks (3 Tracks)

A – Infeed Length
A • Without infeed
B • IL = 100mm/3.94 in.
C • IL = 125mm/4.92 in.
D • IL = 50mm/1.99 in.

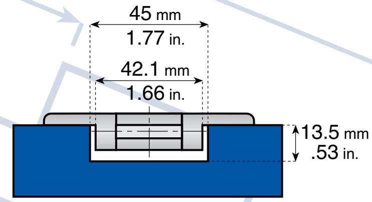
Selection Tables


Steel Chain


Plastic Chain

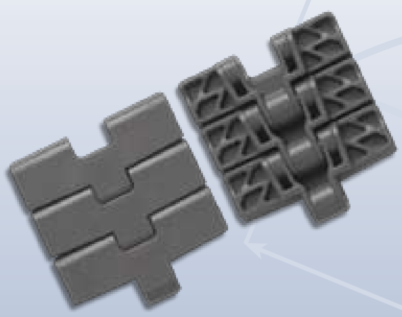


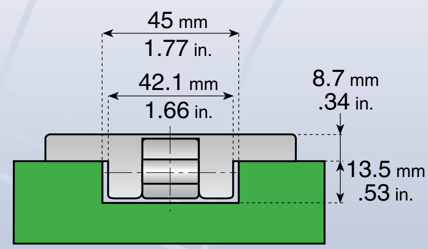
STEEL CHAIN



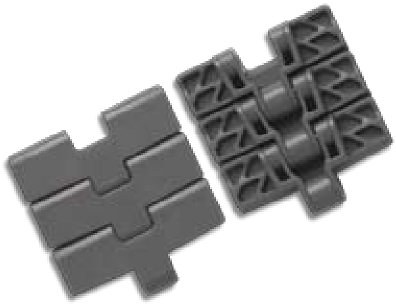
PLASTIC CHAIN

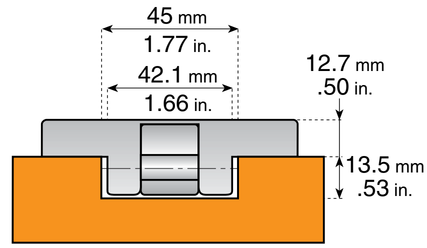
For Chain Series	Radius **R**	Pitch **P**	Basic Width **L**	Total Width **TL**	Top Track Height **H**	Version Series **K**	Reference Number	Page Number
For chains with Lg 82.5 mm - K325" and Lg 83.8 mm - K330 Plate Width - Hinge L. 42.1 mm								
879M - K325 880M - K325 881MO - K325	24 in 610 mm	3.35 in 85 mm	3.94 in 100 mm	PxN° of (tracks-1)+L	1.06 in 27 mm	K14	KMD.14_A	8
For chains with Lg 114.3 - K450" Plate Width - Hinge L. 42.1 mm								
879M - K450 880M - K450 881M - K450	24 in 610 mm	4.61 in 117 mm	5.08 in 129 mm	PxN° of (tracks-1)+L	1.06 in 27 mm	K27	KMD.23_A	9
For chains with Lg 190.5 - K750" Plate Width - Hinge L. 42.1 mm								
881M - K750	24 in 610 mm	7.72 in 196 mm	8.43 in 214 mm	PxN° of (tracks-1)+L	1.06 in 27 mm	K61	KMD.31_A	10



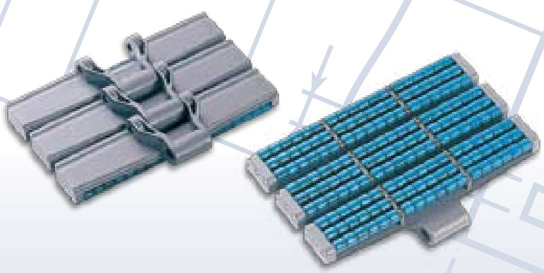


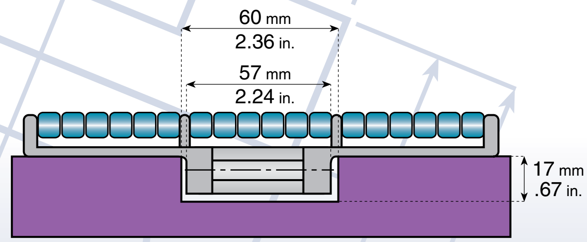
For Chain Series	Radius **R**	Pitch **P**	Basic Width **L**	Total Width **TL**	Top Track Height **H**	Version Series **K**	Reference Number	Page Number
For chain belts with Lg 83.8 mm - K330" Plate Width - Hinge L. 42.1 mm - Plate Height 8.7 mm								
2250M-K330FT 2250M-K330FG 2260M-K330FT	24 in 610 mm	3.35 in 85 mm	3.94 in 100 mm	PxN° of (tracks-1)+L	1.06 in 27 mm	KB14	KMD.15_A	11
For chain belts with Lg 114.3 mm - K450" Plate Width - Hinge L. 42.1 mm - Plate Height 8.7 mm								
2250M-K450FT	24 in 610 mm	4.61 in 117 mm	5.08 in 129 mm	PxN° of (tracks-1)+L	1.06 in 27 mm	KB27	KMD.56_A	12





For Chain Series	Radius **R**	Pitch **P**	Basic Width **L**	Total Width **TL**	Top Track Height **H**	Version Series **K**	Reference Number	Page Number
For chain belts with Lg 83.8 mm - K330" Plate Width - Hinge L.42.1 mm - Plate Height 12.7 mm								
2251M-K330FT	24 in 610 mm	3.35 in 85 mm	3.94 in 100 mm	PxN° of (tracks-1)+L	1.06 in 27 mm	KC14	KMD.16_A	13
For chain belts with Lg 83.8 mm - K330" Plate Width - Hinge L.42.1 mm - Plate Height 12.7 mm								
2251M-K450FT	24 in 610 mm	4.61 in 117 mm	5.08 in 129 mm	PxN° of (tracks-1)+L	1.06 in 27 mm	KC27	KMD.66_A	14





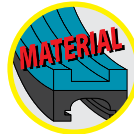
For Chain Series	Radius **R**	Pitch **P**	Basic Width **L**	Total Width **TL**	Top Track Height **H**	Version Series **K**	Reference Number	Page Number
For LBP chains with Lg 190.5 mm - K750" Plate Width - Hinge L. 57 mm								
LBP882M-K750	33.85 in 860 mm	7.87 in 200 mm	8.43 in 214 mm	PxN° of (tracks-1)+L	1.26 in 32 mm	LBP86C	KMD.71_AC	15
For LBP chains with Lg 254 mm - K1000" Plate Width - Hinge L. 57 mm								
LBP882M-K1000	33.85 in 860 mm	-	10.63 in 270 mm	PxN° of (tracks-1)+L	1.26 in 32 mm	LBP93C	KMD.78_AC	15
	39.37 in 1000mm					LBP94C	KMD.79_AC	15
For LBP chains with Lg 304.8 mm - K1200" Plate Width - Hinge L. 57 mm								
LBP882M-K1200	33.85 in 860 mm	-	12.60 in 320 mm	-	1.26 in 32 mm	LBP97C	KMD.82_AC	15
	39.37 in 1000mm					LBP98C	KMD.83_AC	15

K14

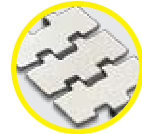
Magnetic Corner Tracks for Chain Series: K325, K330

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



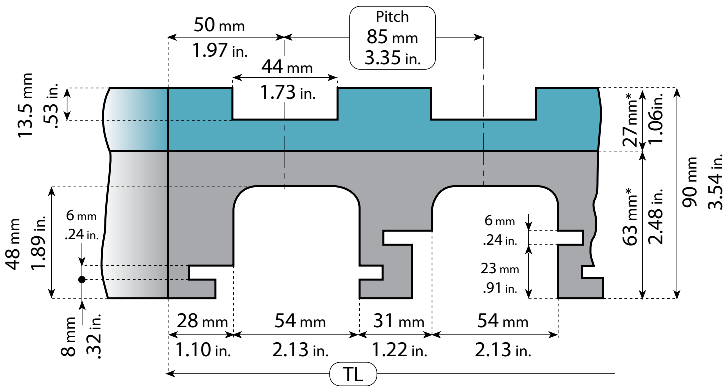
Tracks are available in four combinations of material. See page 3 for more information



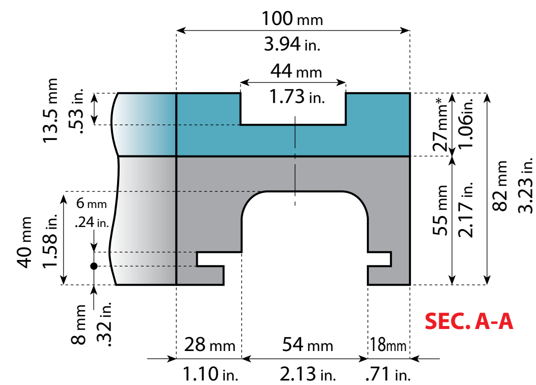
Compatible with the following steel chains:
SSL 881 MO K325 / 10208L
SSEL 881 MO K325 / 10206L
SSEL 881 MO K325 HB / 10213L
SPSL 881 MO K325 / 10255L
SPSL 881 MO K325 HB / 10265L

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

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

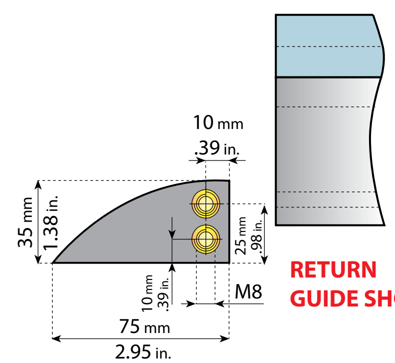


MULTI TRACKS

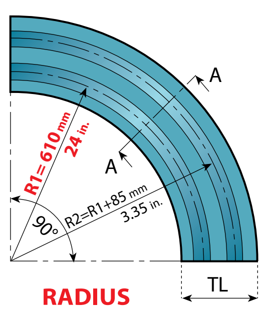


ONE TRACK

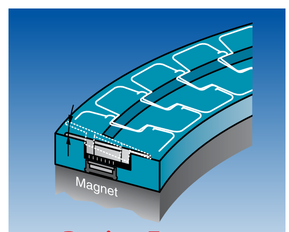
*Tolerance on 27mm and 63mm is ±0.35mm or 0.015".



RETURN GUIDE SHOE



RADIUS



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.

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**)

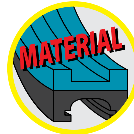
Number of Tracks	Total Width TL		15°	30°	45°	60°	75°	90°
	mm	inches						
1	100	3.94	KMD.14.15.01.A	KMD.14.30.01.A	KMD.14.45.01.A	KMD.14.60.01.A	KMD.14.75.01.A	KMD.14.90.01.A
2	185	7.28	KMD.14.15.02.A	KMD.14.30.02.A	KMD.14.45.02.A	KMD.14.60.02.A	KMD.14.75.02.A	KMD.14.90.02.A
3	270	10.63	KMD.14.15.03.A	KMD.14.30.03.A	KMD.14.45.03.A	KMD.14.60.03.A	KMD.14.75.03.A	KMD.14.90.03.A
4	355	13.98	KMD.14.15.04.A	KMD.14.30.04.A	KMD.14.45.04.A	KMD.14.60.04.A	KMD.14.75.04.A	KMD.14.90.04.A
5	440	17.32	KMD.14.15.05.A	KMD.14.30.05.A	KMD.14.45.05.A	KMD.14.60.05.A	KMD.14.75.05.A	KMD.14.90.05.A
6	525	20.67	KMD.14.15.06.A	KMD.14.30.06.A	KMD.14.45.06.A	KMD.14.60.06.A	KMD.14.75.06.A	KMD.14.90.06.A
7	610	24.02	KMD.14.15.07.A	KMD.14.30.07.A	KMD.14.45.07.A	KMD.14.60.07.A	KMD.14.75.07.A	KMD.14.90.07.A
8	695	27.36	KMD.14.15.08.A	KMD.14.30.08.A	KMD.14.45.08.A	KMD.14.60.08.A	KMD.14.75.08.A	KMD.14.90.08.A

K27

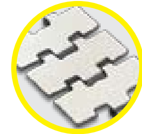
Magnetic Corner Tracks for Chain Series: K450

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.

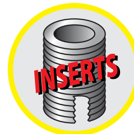
Radius: 610 mm, 24 inches



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

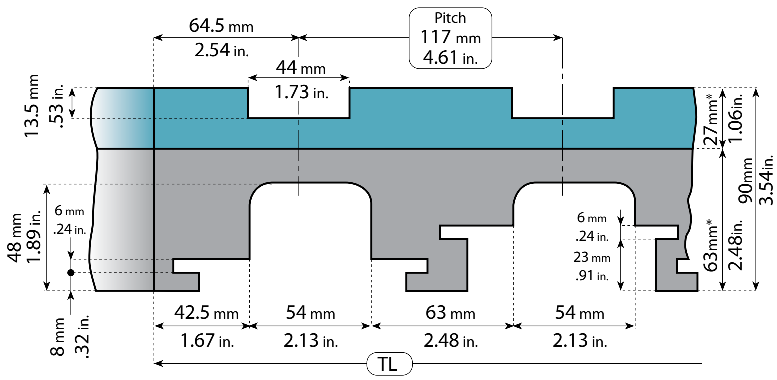


Compatible with the following steel chains:
SSE 881 M K450 / 10201

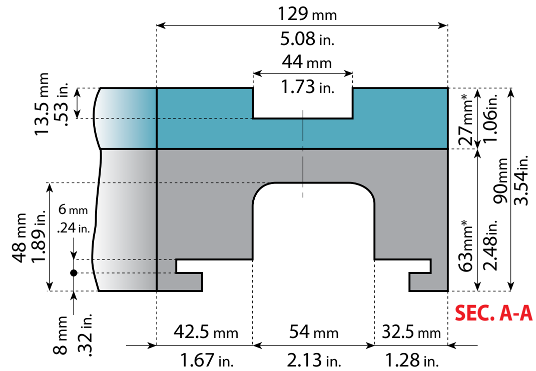


Tracks can be supplied with M8 or M10 threaded brass inserts (drawing required).

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

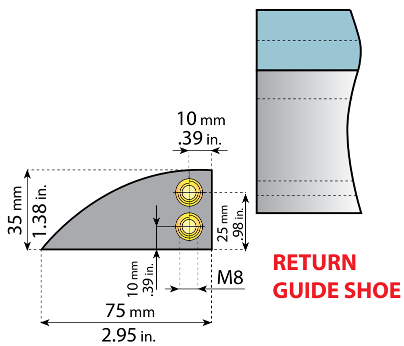


MULTI TRACKS

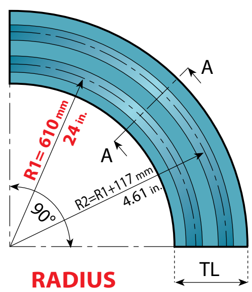


ONE TRACK

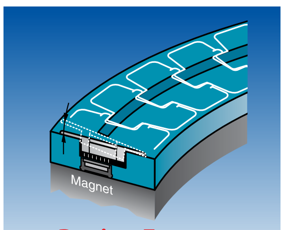
*Tolerance on 27mm and 63mm is ±0.35mm or 0.015".



RETURN GUIDE SHOE



RADIUS



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.

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**)

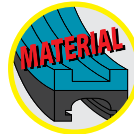
Number of Tracks	Total Width TL mm	Total Width TL inches	15°	30°	45°	60°	75°	90°
1	129	5.08	KMD.23.15.01.A	KMD.23.30.01.A	KMD.23.45.01.A	KMD.23.60.01.A	KMD.23.75.01.A	KMD.23.90.01.A
2	246	9.69	KMD.23.15.02.A	KMD.23.30.02.A	KMD.23.45.02.A	KMD.23.60.02.A	KMD.23.75.02.A	KMD.23.90.02.A
3	363	14.29	KMD.23.15.03.A	KMD.23.30.03.A	KMD.23.45.03.A	KMD.23.60.03.A	KMD.23.75.03.A	KMD.23.90.03.A
4	480	18.90	KMD.23.15.04.A	KMD.23.30.04.A	KMD.23.45.04.A	KMD.23.60.04.A	KMD.23.75.04.A	KMD.23.90.04.A
5	597	23.50	KMD.23.15.05.A	KMD.23.30.05.A	KMD.23.45.05.A	KMD.23.60.05.A	KMD.23.75.05.A	KMD.23.90.05.A
6	714	28.11	KMD.23.15.06.A	KMD.23.30.06.A	KMD.23.45.06.A	KMD.23.60.06.A	KMD.23.75.06.A	KMD.23.90.06.A
7	831	32.72	KMD.23.15.07.A	KMD.23.30.07.A	KMD.23.45.07.A	KMD.23.60.07.A	KMD.23.75.07.A	KMD.23.90.07.A
8	948	37.32	KMD.23.15.08.A	KMD.23.30.08.A	KMD.23.45.08.A	KMD.23.60.08.A	KMD.23.75.08.A	KMD.23.90.08.A

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

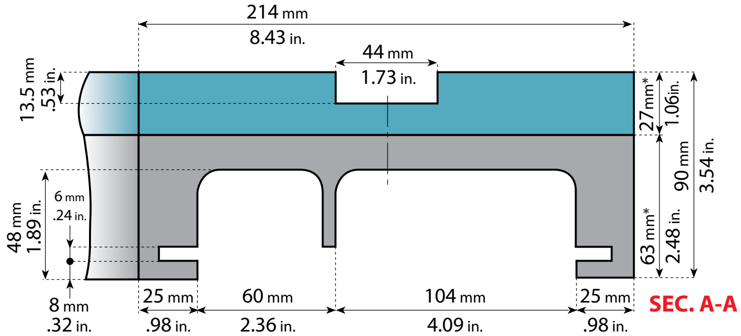


Tracks are available in four combinations of material. See page 3 for more information

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

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

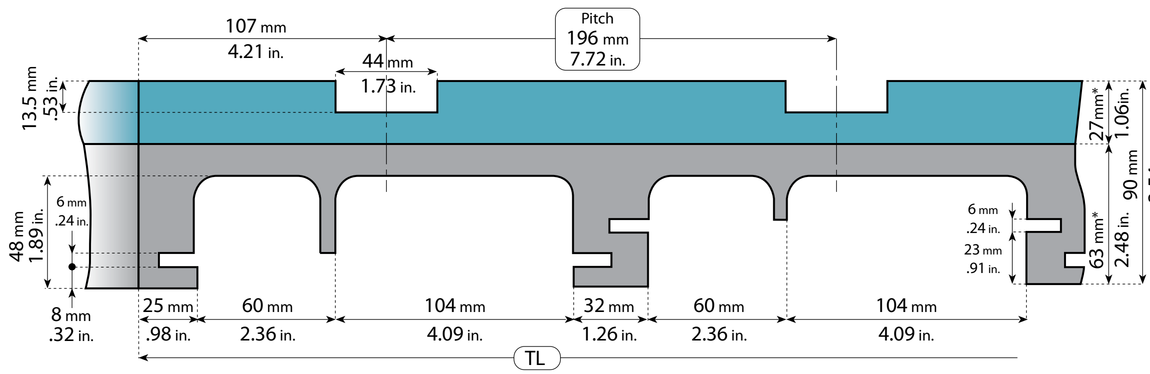
Compatible with the following plastic chains:
LF 880 M K750 / 11393M
XPG 880 M K750 / 11394MG
NG 880 M K750 / 11420M



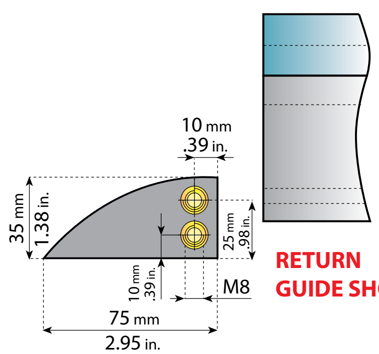
ONE TRACK

SEC. A-A

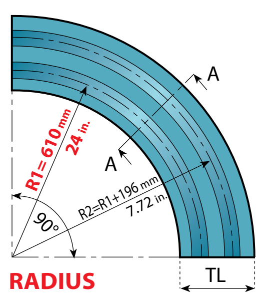
*Tolerance on 27mm and 63mm is ±0.35mm or 0.015".



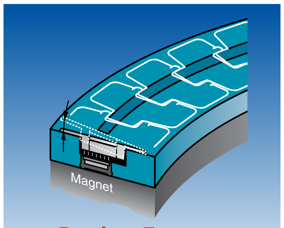
MULTI TRACKS



RETURN GUIDE SHOE



RADIUS



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.

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**)

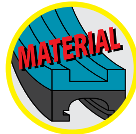
Number of Tracks	Total Width TL mm	Total Width TL inches	15°	30°	45°	60°	75°	90°
1	**214**	**8.43**	**KMD.31.15.01.A**	**KMD.31.30.01.A**	**KMD.31.45.01.A**	**KMD.31.60.01.A**	**KMD.31.75.01.A**	**KMD.31.90.01.A**
2	**410**	**16.14**	**KMD.31.15.02.A**	**KMD.31.30.02.A**	**KMD.31.45.02.A**	**KMD.31.60.02.A**	**KMD.31.75.02.A**	**KMD.31.90.02.A**
3	**606**	**23.86**	**KMD.31.15.03.A**	**KMD.31.30.03.A**	**KMD.31.45.03.A**	**KMD.31.60.03.A**	**KMD.31.75.03.A**	**KMD.31.90.03.A**

KB14

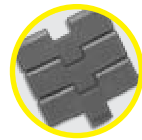
Magnetic Corner Tracks for Chain Series: K330

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.

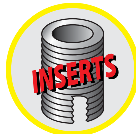
Radius: 610 mm, 24 inches



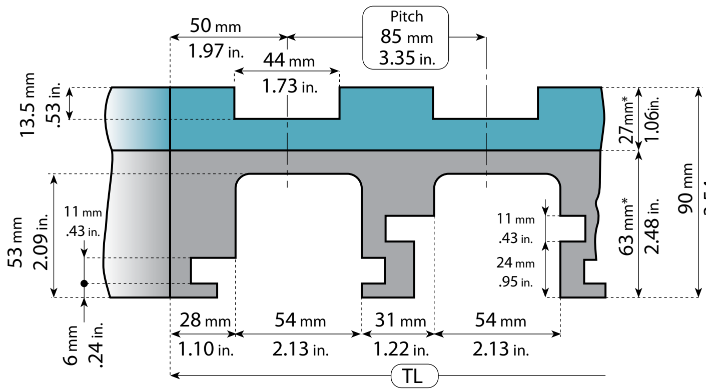
Tracks are available in four combinations of material. See page 3 for more information



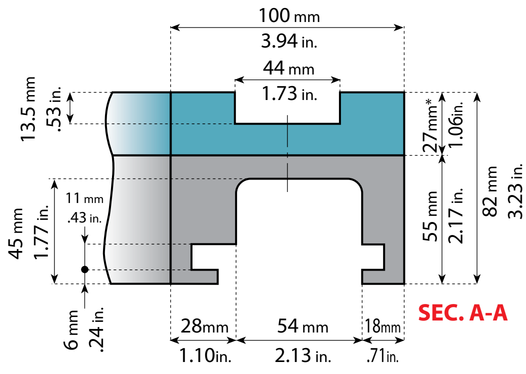
Compatible with the following side flexing chain belts:
LFG 2250 M K330 FT / 11320
XPG 2250 M K330 FT / 11320XPG
LFG 2260 M K330 FT / 11329
XPG 2260 M K330 FT / 11329XPG



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

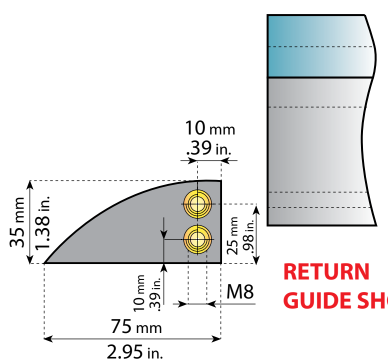


MULTI TRACKS

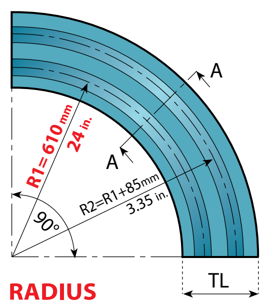


ONE TRACK

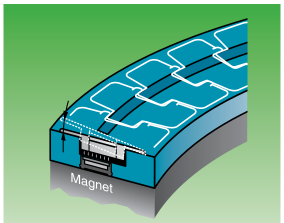
*Tolerance on 27mm and 63mm is ±0.35mm or 0.015".



RETURN GUIDE SHOE



RADIUS



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.

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**)

Number of Tracks	Total Width TL mm	Total Width TL inches	15°	30°	45°	60°	75°	90°
1	**100**	**3.94**	**KMD.15.15.01.A**	**KMD.15.30.01.A**	**KMD.15.45.01.A**	**KMD.15.60.01.A**	**KMD.15.75.01.A**	**KMD.15.90.01.A**
2	**185**	**7.28**	**KMD.15.15.02.A**	**KMD.15.30.02.A**	**KMD.15.45.02.A**	**KMD.15.60.02.A**	**KMD.15.75.02.A**	**KMD.15.90.02.A**
3	**270**	**10.63**	**KMD.15.15.03.A**	**KMD.15.30.03.A**	**KMD.15.45.03.A**	**KMD.15.60.03.A**	**KMD.15.75.03.A**	**KMD.15.90.03.A**
4	**355**	**13.98**	**KMD.15.15.04.A**	**KMD.15.30.04.A**	**KMD.15.45.04.A**	**KMD.15.60.04.A**	**KMD.15.75.04.A**	**KMD.15.90.04.A**
5	**440**	**17.32**	**KMD.15.15.05.A**	**KMD.15.30.05.A**	**KMD.15.45.05.A**	**KMD.15.60.05.A**	**KMD.15.75.05.A**	**KMD.15.90.05.A**
6	**525**	**20.67**	**KMD.15.15.06.A**	**KMD.15.30.06.A**	**KMD.15.45.06.A**	**KMD.15.60.06.A**	**KMD.15.75.06.A**	**KMD.15.90.06.A**
7	**610**	**24.02**	**KMD.15.15.07.A**	**KMD.15.30.07.A**	**KMD.15.45.07.A**	**KMD.15.60.07.A**	**KMD.15.75.07.A**	**KMD.15.90.07.A**
8	**695**	**27.36**	**KMD.15.15.08.A**	**KMD.15.30.08.A**	**KMD.15.45.08.A**	**KMD.15.60.08.A**	**KMD.15.75.08.A**	**KMD.15.90.08.A**

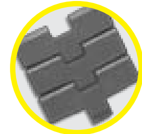
KB27

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.

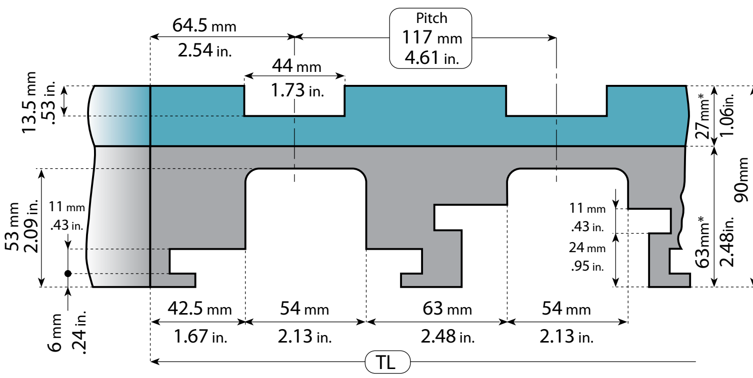
Radius: 610 mm, 24 inches

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

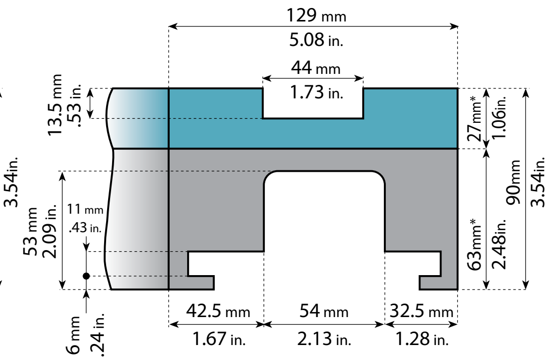


Compatible with the following side flexing chain belts:
LFG 2250 M K450 FT / 11327
XPG 2250 M K450 FT / 11327XPG

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

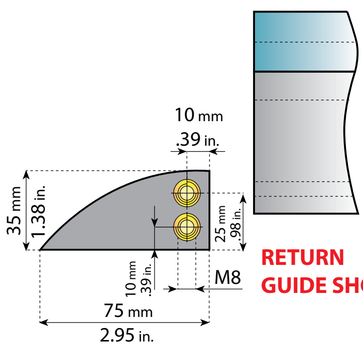


MULTI TRACKS

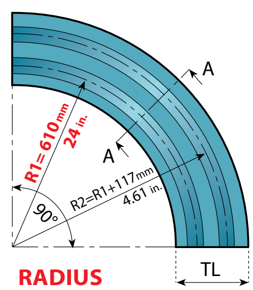


ONE TRACK **SEC. A-A**

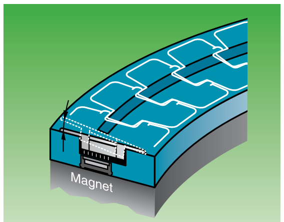
*Tolerance on 27mm and 63mm is ±0.35mm or 0.015".



RETURN GUIDE SHOE



RADIUS



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.

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**)

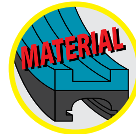
Number of Tracks	Total Width TL		15°	30°	45°	60°	75°	90°
	mm	inches						
1	**129**	**5.08**	**KMD.56.15.01.A**	**KMD.56.30.01.A**	**KMD.56.45.01.A**	**KMD.56.60.01.A**	**KMD.56.75.01.A**	**KMD.56.90.01.A**
2	**246**	**9.69**	**KMD.56.15.02.A**	**KMD.56.30.02.A**	**KMD.56.45.02.A**	**KMD.56.60.02.A**	**KMD.56.75.02.A**	**KMD.56.90.02.A**
3	**363**	**14.29**	**KMD.56.15.03.A**	**KMD.56.30.03.A**	**KMD.56.45.03.A**	**KMD.56.60.03.A**	**KMD.56.75.03.A**	**KMD.56.90.03.A**
4	**480**	**18.90**	**KMD.56.15.04.A**	**KMD.56.30.04.A**	**KMD.56.45.04.A**	**KMD.56.60.04.A**	**KMD.56.75.04.A**	**KMD.56.90.04.A**

KC14

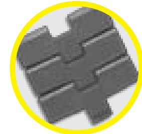
Magnetic Corner Tracks for Chain Series: K330

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.

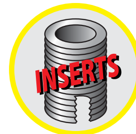
Radius: 610 mm, 24 inches



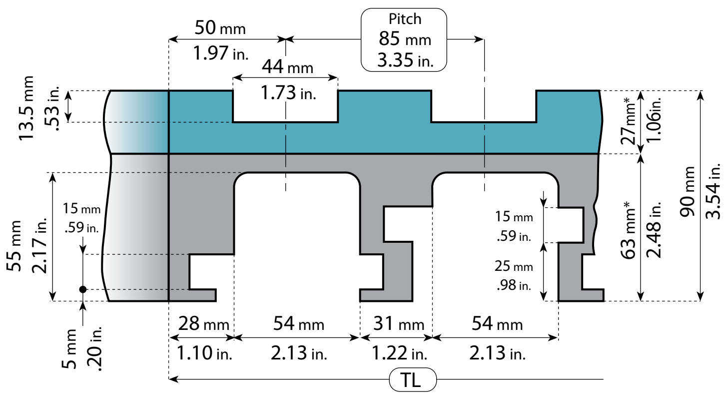
Tracks are available in four combinations of material. See page 3 for more information



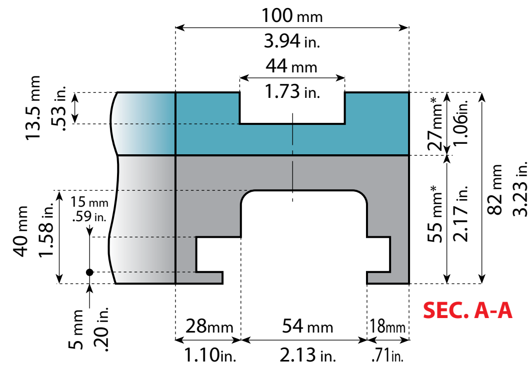
Compatible with the following side flexing chain belts:
LFG 2251 M K330 FT / 11322
XPG 2251 M K330 FT / 11322XPG



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

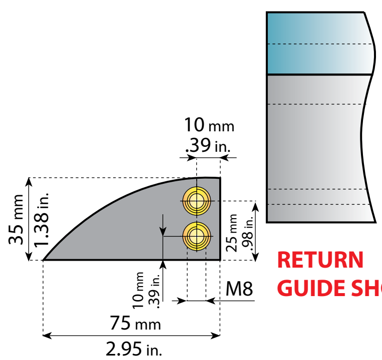


MULTI TRACKS

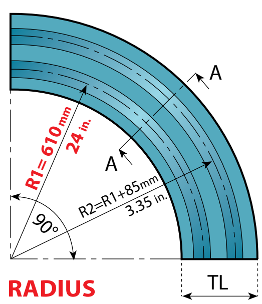


ONE TRACK

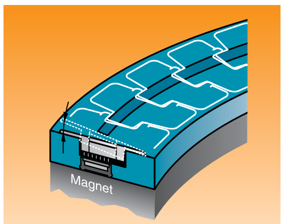
*Tolerance on 27mm and 63mm is ±0.35mm or 0.015".



RETURN GUIDE SHOE



RADIUS



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.

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**)

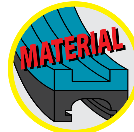
Number of Tracks	Total Width TL		15°	30°	45°	60°	75°	90°
	mm	inches						
1	**100**	**3.94**	**KMD.16.15.01.A**	**KMD.16.30.01.A**	**KMD.16.45.01.A**	**KMD.16.60.01.A**	**KMD.16.75.01.A**	**KMD.16.90.01.A**
2	**185**	**7.28**	**KMD.16.15.02.A**	**KMD.16.30.02.A**	**KMD.16.45.02.A**	**KMD.16.60.02.A**	**KMD.16.75.02.A**	**KMD.16.90.02.A**
3	**270**	**10.63**	**KMD.16.15.03.A**	**KMD.16.30.03.A**	**KMD.16.45.03.A**	**KMD.16.60.03.A**	**KMD.16.75.03.A**	**KMD.16.90.03.A**
4	**355**	**13.98**	**KMD.16.15.04.A**	**KMD.16.30.04.A**	**KMD.16.45.04.A**	**KMD.16.60.04.A**	**KMD.16.75.04.A**	**KMD.16.90.04.A**
5	**440**	**17.32**	**KMD.16.15.05.A**	**KMD.16.30.05.A**	**KMD.16.45.05.A**	**KMD.16.60.05.A**	**KMD.16.75.05.A**	**KMD.16.90.05.A**
6	**525**	**20.67**	**KMD.16.15.06.A**	**KMD.16.30.06.A**	**KMD.16.45.06.A**	**KMD.16.60.06.A**	**KMD.16.75.06.A**	**KMD.16.90.06.A**
7	**610**	**24.02**	**KMD.16.15.07.A**	**KMD.16.30.07.A**	**KMD.16.45.07.A**	**KMD.16.60.07.A**	**KMD.16.75.07.A**	**KMD.16.90.07.A**
8	**695**	**27.36**	**KMD.16.15.08.A**	**KMD.16.30.08.A**	**KMD.16.45.08.A**	**KMD.16.60.08.A**	**KMD.16.75.08.A**	**KMD.16.90.08.A**

KC27

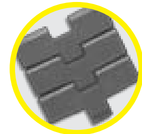
Magnetic Corner Tracks for Chain Series: K450

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

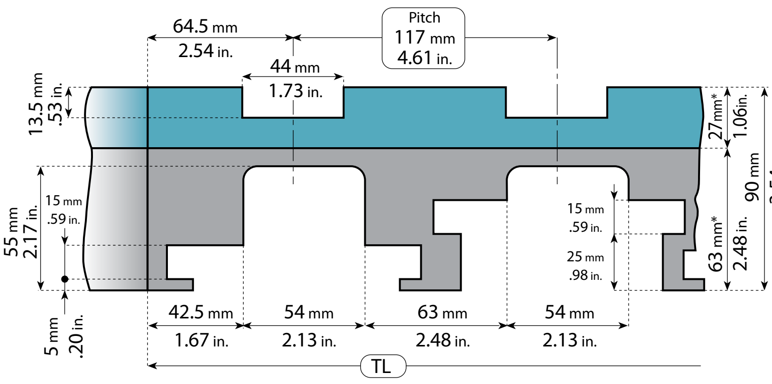


Tracks are available in four combinations of material. See page 3 for more information

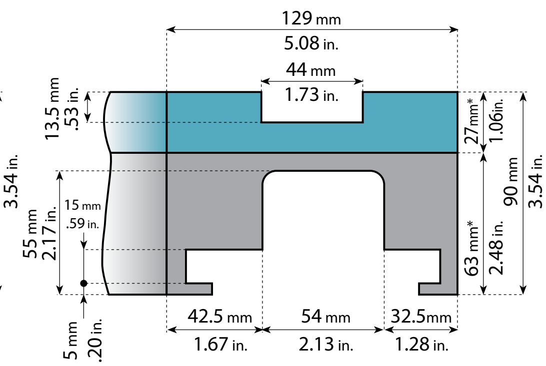


Compatible with the following side flexing chain belts:
LFG 2251 M K450 FT / 11328
XPG 2251 M K450 FT / 11328XPG

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

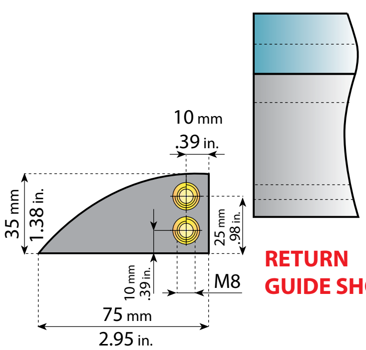


MULTI TRACKS

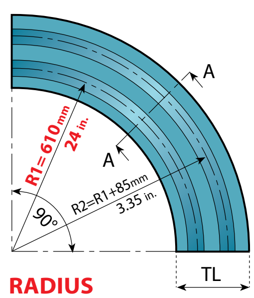


ONE TRACK **SEC. A-A**

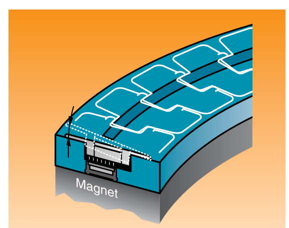
*Tolerance on 27mm and 63mm is ±0.35mm or 0.015".



RETURN GUIDE SHOE



RADIUS



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.

Standard
Part no. in table

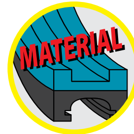
Nolu-S
Add **NS** to part no.
(KMD.14.90.01.A**NS**)

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

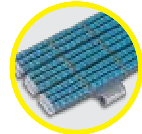
All Nolu-S
Add **2NS** to part no.
(KMD.14.90.01.A**2NS**)

Number of Tracks	Total Width TL		15°	30°	45°	60°	75°	90°
	mm	inches						
1	**129**	**5.08**	**KMD.66.15.01.A**	**KMD.66.30.01.A**	**KMD.66.45.01.A**	**KMD.66.60.01.A**	**KMD.66.75.01.A**	**KMD.66.90.01.A**
2	**246**	**9.69**	**KMD.66.15.02.A**	**KMD.66.30.02.A**	**KMD.66.45.02.A**	**KMD.66.60.02.A**	**KMD.66.75.02.A**	**KMD.66.90.02.A**
3	**363**	**14.29**	**KMD.66.15.03.A**	**KMD.66.30.03.A**	**KMD.66.45.03.A**	**KMD.66.60.03.A**	**KMD.66.75.03.A**	**KMD.66.90.03.A**
4	**480**	**18.90**	**KMD.66.15.04.A**	**KMD.66.30.04.A**	**KMD.66.45.04.A**	**KMD.66.60.04.A**	**KMD.66.75.04.A**	**KMD.66.90.04.A**

K750, K1000, K1200



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



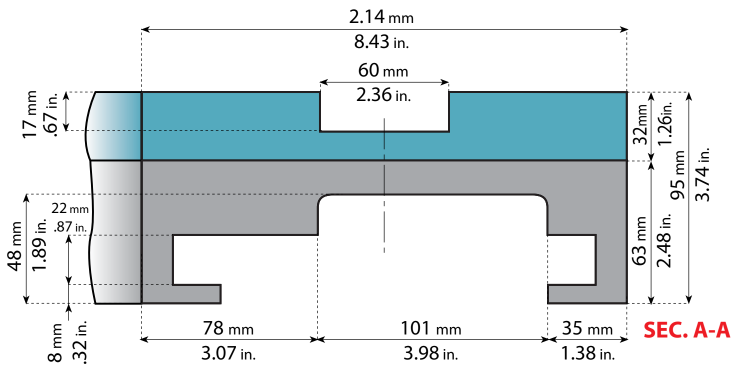
Compatible with the following side flexing chain belts:
LBP 882 M K750 / 11073
LBP 882 M K1000 / 11074
LBP 882 M K1200 / 11075

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.

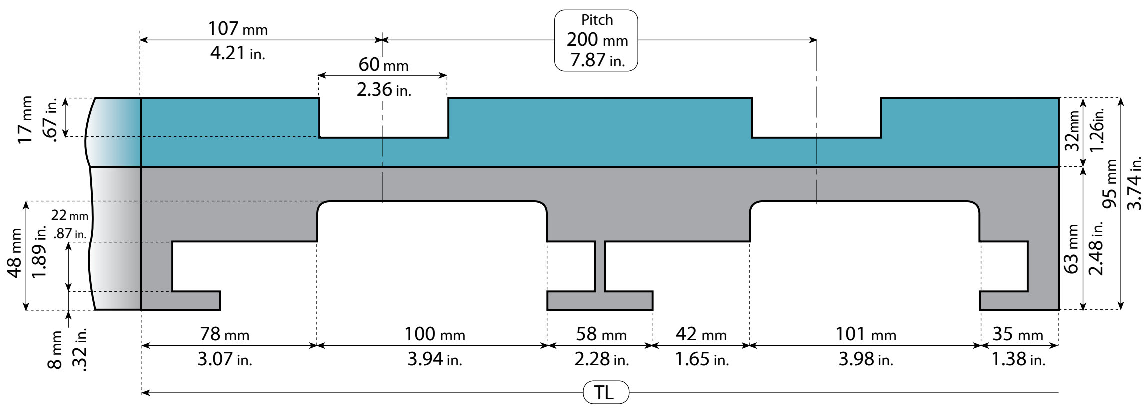
Tracks can be supplied with M8 or M10 threaded brass inserts (drawing required).

Radius: 860 mm, 34 inches

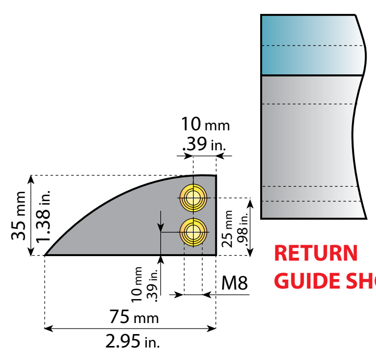


ONE TRACK

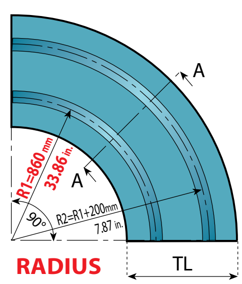
SEC. A-A



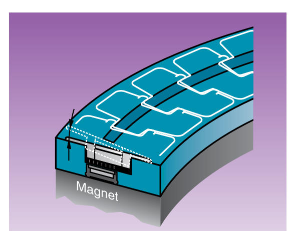
MULTI TRACKS



RETURN GUIDE SHOE



RADIUS



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.

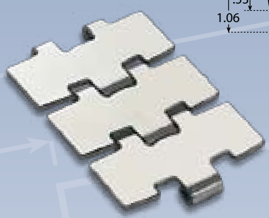
Magnetic corner tracks for these chains are available. Please see the complete System Plast Conveyor Chains catalog for details or contact our Engineering Department.

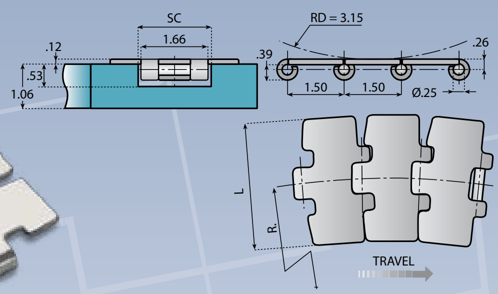
For use with
MAGNETIC
chain tracks

Side Flexing Magnetic Chains

Solus
A System Plast Group Company

Steel Chain





Material: "Standard" 430 grade ferritic stainless steel.

Chain Reference	Part Number	Version Series (K)	Yield Point (lbs.)	Surface Finish (micro in.)	Flatness (max)	Polished Hinges	L (width)	R Min.	SC	Weight (lbs./ft.)
SSL 881 MO K325	10208L	K14	1215	24	.004	yes	3-1/4	20	177	1.68

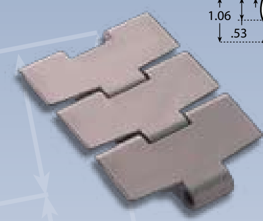
Material: Special 400 series "Extra Plus" high performance stainless steel.

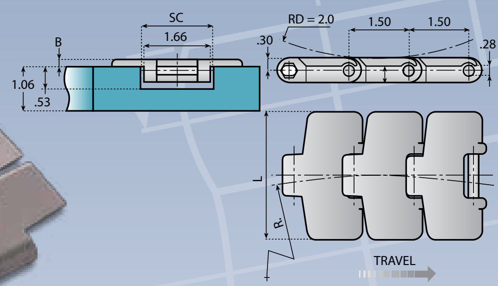
Chain Reference	Part Number	Version Series (K)	Yield Point (lbs.)	Surface Finish (micro in.)	Flatness (max)	Polished Hinges	L (width)	R Min.	SC	Weight (lbs./ft.)
SSEL 881 MO K325	10206L	K14	1912	12	.004	yes	3-1/4	20	1.77	1.68
SSE 881 M K450	10201	K27	1912	12	.008	no	4-1/2	20	1.77	2.08
SSE 881 M K750	10203	K61	1912	12	.012	no	7-1/2	20	1.77	3.29
SPSL 881 MO K325	10255L	K14	1912	8	.004	yes	3-1/4	20	177	1.68

Material: Special 400 series "Extra Plus" high performance stainless steel.
Pins are made from vacuum hardened stainless steel.

Chain Reference	Part Number	Version Series (K)	Yield Point (lbs.)	Surface Finish (micro in.)	Flatness (max)	Polished Hinges	L (width)	R Min.	SC	Weight (lbs./ft.)
SSEL 881 MO K325 HB	10213L	K14	1912	12	.004	yes	3-1/4	20	1.77	1.68
SPSL 881 MO K325 HB	10265L	K14	1912	8	.004	yes	3-1/4	20	1.77	1.68

Plastic Chain





Material: "LF Brown" Low friction acetal.

Chain Reference	Part Number	Version Series (K)	Breaking Load (lbs.)	L (width)	B (thickness)	R Min.	SC	Weight (lbs./ft.)
LF 880 M K325	11377M	K14	1283	3-1/4	.16	20	1.77	.71
LF 880 M K450	11380M	K27	1283	4-1/2	.16	20	1.77	.77
LF 879 M K325	11395M	K14	1283	3-1/4	.19	20	1.77	.77
LF 879 M K450	11396M	K27	1283	4-1/2	.19	20	1.77	.84

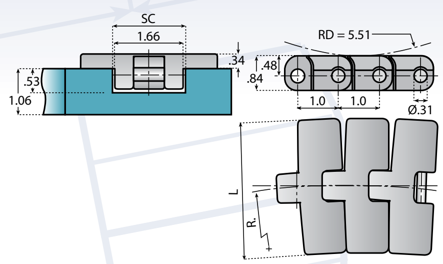
Material: "XPG Dark Grey" Very low friction acetal.

Chain Reference	Part Number	Version Series (K)	Breaking Load (lbs.)	L (width)	B (thickness)	R Min.	SC	Weight (lbs./ft.)
XPG 880 M K325	11500MG	K14	1239	3-1/4	.16	20	1.77	.71
XPG 880 M K450	11501MG	K27	1239	4-1/2	.16	20	1.77	.77
XPG 879 M K325	11397MG	K14	1239	3-1/4	.19	20	1.77	.77
XPG 879 M K450	11398MG	K27	1239	4-1/2	.19	20	1.77	.84

Material: "NG Green" Our proprietary lowest friction PBT.

Chain Reference	Part Number	Version Series (K)	Breaking Load (lbs.)	L (width)	B (thickness)	R Min.	SC	Weight (lbs./ft.)
NG 880 M K325	11195M	K14	1170	3-1/4	.16	20	1.77	.71
NG 880 M K450	11197M	K27	1170	4-1/2	.16	20	1.77	.77
NG 879 M K325	11198M	K14	1170	3-1/4	.19	20	1.77	.77
NG 879 M K450	11421M	K27	1170	4-1/2	.19	20	1.77	.84

Chain Belts



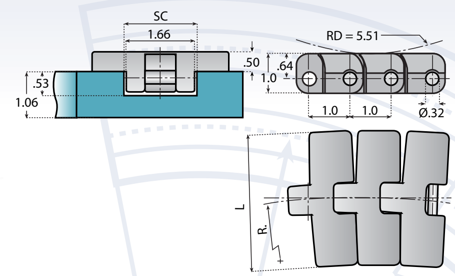
Material: "LFG Dark Grey" Low friction acetal.

Chain Reference	Part Number	Version Series (K)	L (width)	R min.	SC Straight	SC Curved	Max Load (lbs.)	Weight (lbs./ft.)
LFG 2250 M K330 FT	11320	KB14	3.3	20	1.77	1.73	450	1.18
LFG 2250 M K450 FT	11327	KB27	4.5	20	1.77	1.73	450	1.31
LFG 2260 M K330 FT	11329	KB14	3.3	20	1.77	1.73	450	1.17

Material: "XPG Dark Grey" Very low friction acetal.

Chain Reference	Part Number	Version Series (K)	L (width)	R min.	SC Straight	SC Curved	Max Load (lbs.)	Weight (lbs./ft.)
XPG 2250 M K330 FT	11320XPG	KB14	3.3	20	1.77	1.73	450	1.18
XPG 2250 M K450 FT	11327XPG	KB27	4.5	20	1.77	1.73	450	1.31
XPG 2260 M K330 FT	11329XPG	KB14	3.3	20	1.77	1.73	450	1.17

Chain Belts



Material: "LFG Dark Grey" Low friction acetal.

Chain Reference	Part Number	Version Series (K)	L (width)	R min.	SC Straight	SC Curved	Max Load (lbs.)	Weight (lbs./ft.)
LFG 2251 M K330 FT	11322	KC14	3.3	20	1.81	1.77	450	1.28
LFG 2251 M K450 FT	11328	KC27	4.5	20	1.81	1.77	450	1.28

Material: "XPG Dark Brown" Very low friction acetal.

Chain Reference	Part Number	Version Series (K)	L (width)	R min.	SC Straight	SC Curved	Max Load (lbs.)	Weight (lbs./ft.)
XPG 2251 M K330 FT	11322XPG	KC14	3.3	20	1.81	1.77	450	1.28
XPG 2251 M K450 FT	11328XPG	KC27	4.5	20	1.81	1.77	450	1.28

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