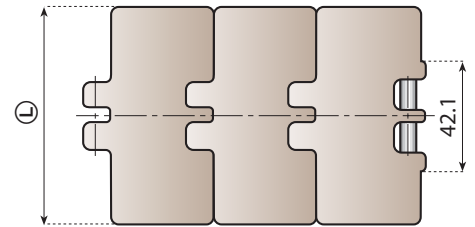
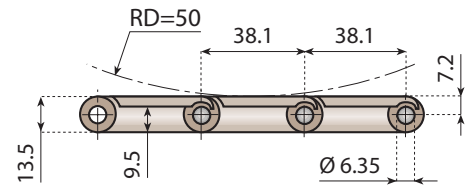
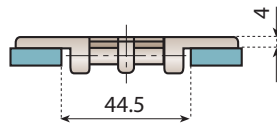
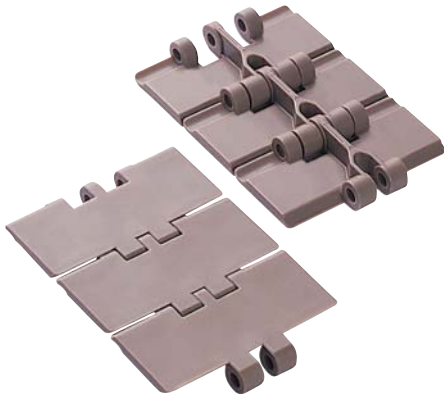


Series 820 - 831 - SK 38 - 821 - 8257

Straight running plastic chains

820 STRAIGHT RUNNING CHAINS



STRAIGHT RUNNING CHAINS Series 820

Applications:

- Food and beverage industry:
Conveying lines for PET bottles, aluminium cans, steel cans.
Packaging lines (PET bottle packs in heat shrink film, paper board boxes, cans in heat shrink film).
- Pharmaceutical industry:
Conveying lines.
- General purpose conveying applications.

Advantages:

- Low friction coefficient
- Low noise level
- Low horsepower requirements
- High working load
- Excellent flat surface
- Dry running

Standard length:

80 pitches (10 ft. - 3.048 m).

Pin material:

Austenitic Steel

- LF** Low Friction Acetal Resin
- XPG** Extra Performance
- NG** New Generation

On request and for adequate quantities these chains can be produced in:

- ▶ **AR** Abrasion Resistance
- ▶ **AS** Anti-static Acetal Resin
- ▶ **HT** High Temperature Resistance
- ▶ **D** Grey Acetal Resin
- ▶ **CR** Chemical Resistance



For chains material see pages 18 - 19



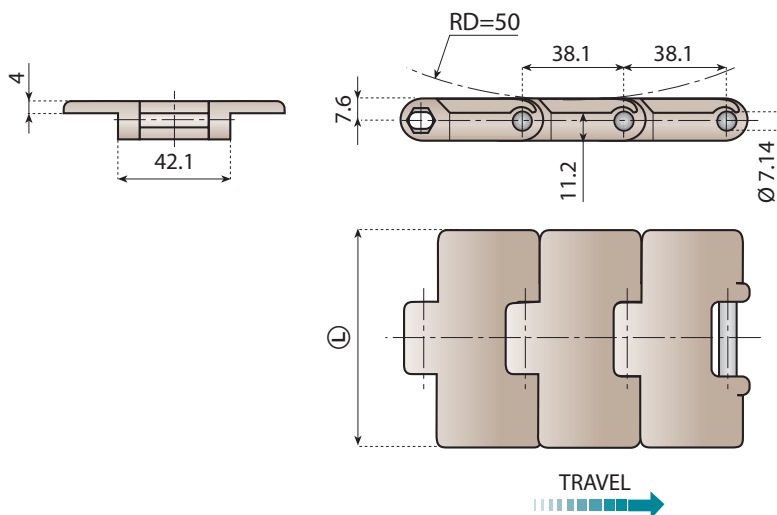
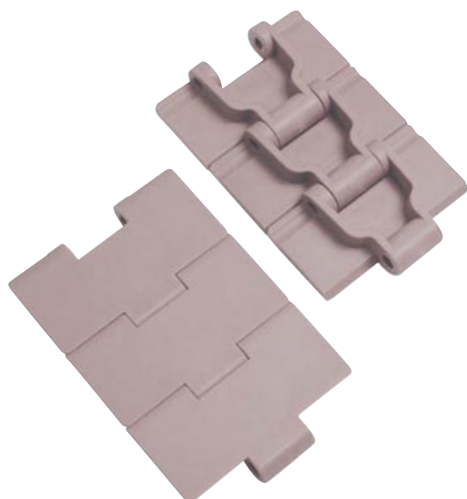
For sprockets type see pages 284 → 291



For chemical resistance see pages 336 - 337

CHAIN - REF.	CODE	Material Plate	Breaking Load N	Width L		Weight Kg/m
				mm	inch.	
LF 820 K250	11602	LF Brown	5000	63.5	2 1/2	0.79
LF 820 K325	11362			82.5	3 1/4	0.85
LF 820 K330	11359			83.8	3 19/64	0.87
LF 820 K350	11603			88.9	3 1/2	0.89
LF 820 K400	11365			101.6	4	0.95
LF 820 K450	11368			114.3	4 1/2	1.03
LF 820 K600	11371			152.4	6	1.25
LF 820 K750	11374			190.5	7 1/2	1.47
XPG 820 K250	11120G	XPG Dark Grey	4800	63.5	2 1/2	0.79
XPG 820 K325	11100G			82.5	3 1/4	0.85
XPG 820 K330	11122G			83.8	3 19/64	0.87
XPG 820 K350	11121G			88.9	3 1/2	0.89
XPG 820 K400	11101G			101.6	4	0.95
XPG 820 K450	11102G			114.3	4 1/2	1.03
XPG 820 K600	11103G			152.4	6	1.25
XPG 820 K750	11104G			190.5	7 1/2	1.47
NG 820 K250	11150	NG Green	4000	63.5	2 1/2	0.79
NG 820 K325	11151			82.5	3 1/4	0.85
NG 820 K330	11157			83.8	3 19/64	0.87
NG 820 K350	11152			88.9	3 1/2	0.89
NG 820 K400	11153			101.6	4	0.95
NG 820 K450	11154			114.3	4 1/2	1.03
NG 820 K600	11155			152.4	6	1.25
NG 820 K750	11156			190.5	7 1/2	1.47

828 STRAIGHT RUNNING CHAINS



STRAIGHT RUNNING CHAINS Series 828

Applications:

- Food and beverage industry: Conveying lines for PET bottles, aluminium cans, steel cans.
- Packaging lines (PET bottle packs in heat shrink film, paper board boxes, cans in heat shrink film)
- Pharmaceutical industry: Conveying lines.
- General conveying applications.

Standard length:

80 pitches (10 ft. - 3.048 m).

Pin material:

Austenitic Steel

Features:

Standardization

- Identical sprockets as 880M series
- Easy wear strip configuration at drive side
- Identical hinge width as 820 series
- Same top plate thickness as 820 series

High load capacity

- Higher than 820 series
- More freedom for conveyor design

Very Versatile

- Particularly suitable for accumulation tables as well as for pressure-less combiners
- Can be used adjacent to 820 and 880 chains

Improved product stability

- Reduced gap between adjacent tracks
- Special convex shape of the plate
- Better topplate flatness in the hinge area

LF Low Friction Acetal Resin

XPG Extra Performance

NG New Generation

On request and for adequate quantities these chains can be produced in:

AR Abrasion Resistance


AS Anti-static Acetal Resin


HT High Temperature Resistance

D Grey Acetal Resin

CR Chemical Resistance

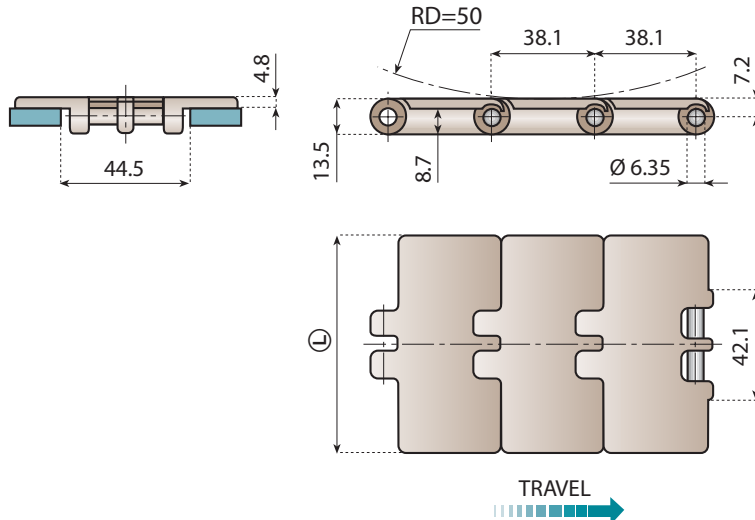
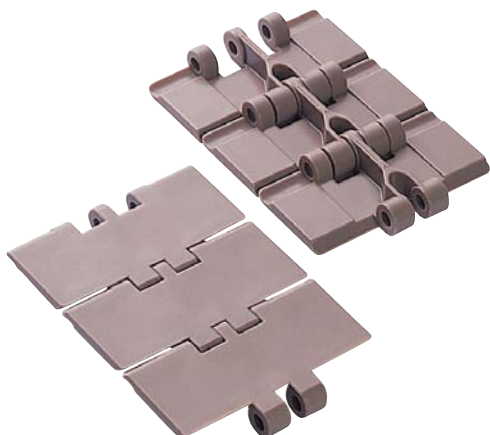
MATERIAL For chains material see pages 18 - 19

 For sprockets type see pages 300 → 305

 For chemical resistance see pages 336 - 337

CHAIN - REF.	CODE	Material Plate	Breaking Load N	Width L		Weight Kg/m
				mm	inch.	
LF 828 K325	11130	LF	6000	82.5	3.1/4	1.10
LF 828 K330	11131	Brown		83.8	3.19/64	1.15
XPG 828 K325	11132G	XPG	5600	82.5	3.1/4	1.10
XPG 828 K330	11133G	Dark Grey		83.8	3.19/64	1.15
NG 828 K325	11134	NG	5000	82.5	3.1/4	1.10
NG 828 K330	11135	Green		83.8	3.19/64	1.15

831 STRAIGHT RUNNING CHAINS



STRAIGHT RUNNING CHAINS Series 831

Characteristics:

Thicker top plate than 820 series
Single Hinge with a centre reinforcing bar on the underside of the chains.

Note:

The 831 series has a thicker top plate (4.8 mm) giving 20% more wear life. It also simplifies conveyor design when matching chains from the series 821 - 879 - 882 - 8257 - 882 M

Advantages:

- Low friction coefficient
- Low noise level
- Low horsepower requirements
- High working load
- Excellent flat surface
- Dry running

Standard length:

80 pitches (10 ft. - 3.048 m).

Pin material:

Austenitic Steel

LF Low Friction Acetal Resin

XPG Extra Performance

NG New Generation

On request and for adequate quantities these chains can be produced in:

▶ **AR** Abrasion Resistance


▶ **AS** Anti-static Acetal Resin


▶ **HT** High Temperature Resistance

▶ **D** Grey Acetal Resin

▶ **CR** Chemical Resistance

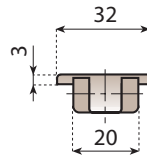
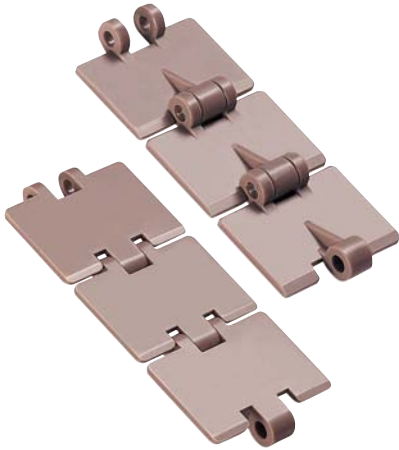
 For chains material see pages 18 - 19

 For sprockets type see pages 284 → 291

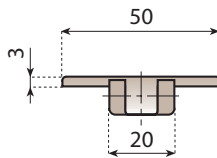
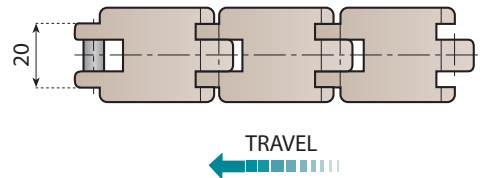
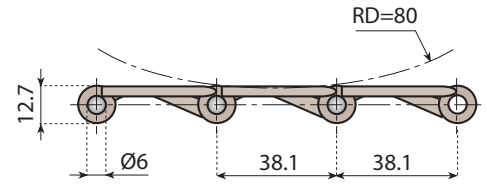
 For chemical resistance see pages 336 - 337

CHAIN - REF.	CODE	Material Plate	Breaking Load N	Width L		Weight Kg/m
				mm	inch.	
LF 831 K325	11607	LF Brown	5000	82.5	3.1/4	1.04
LF 831 K450	11608			114.3	4.1/2	1.29
LF 831 K750	11609			190.5	7.1/2	1.82
XPG 831 K325	11105G	XPG Dark Grey	4800	82.5	3.1/4	1.04
XPG 831 K450	11106G			114.3	4.1/2	1.29
XPG 831 K750	11107G			190.5	7.1/2	1.82
NG 831 K325	11160	NG Green	4000	82.5	3.1/4	1.04
NG 831 K450	11161			114.3	4.1/2	1.29
NG 831 K750	11162			190.5	7.1/2	1.82

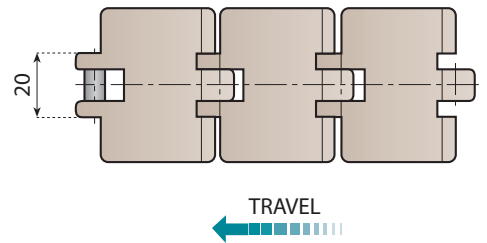
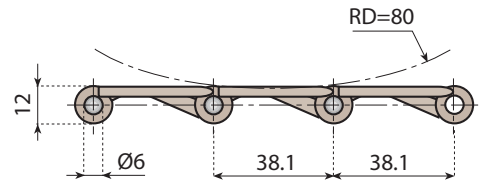
SK 38 STRAIGHT RUNNING CHAINS MINI SINGLE HINGE



SK 38 K32



SK 38 K50



STRAIGHT RUNNING CHAINS MINI SINGLE HINGE Series SK 38

Standard length:
80 pitches (10 ft. - 3.048 m).


Pin material:
Austenitic Steel

Applications:

- Exclusive mini hinge plastic chain for use in applications where space is restricted
- Ideal for conveying containers in the cosmetic or pharmaceutical industries

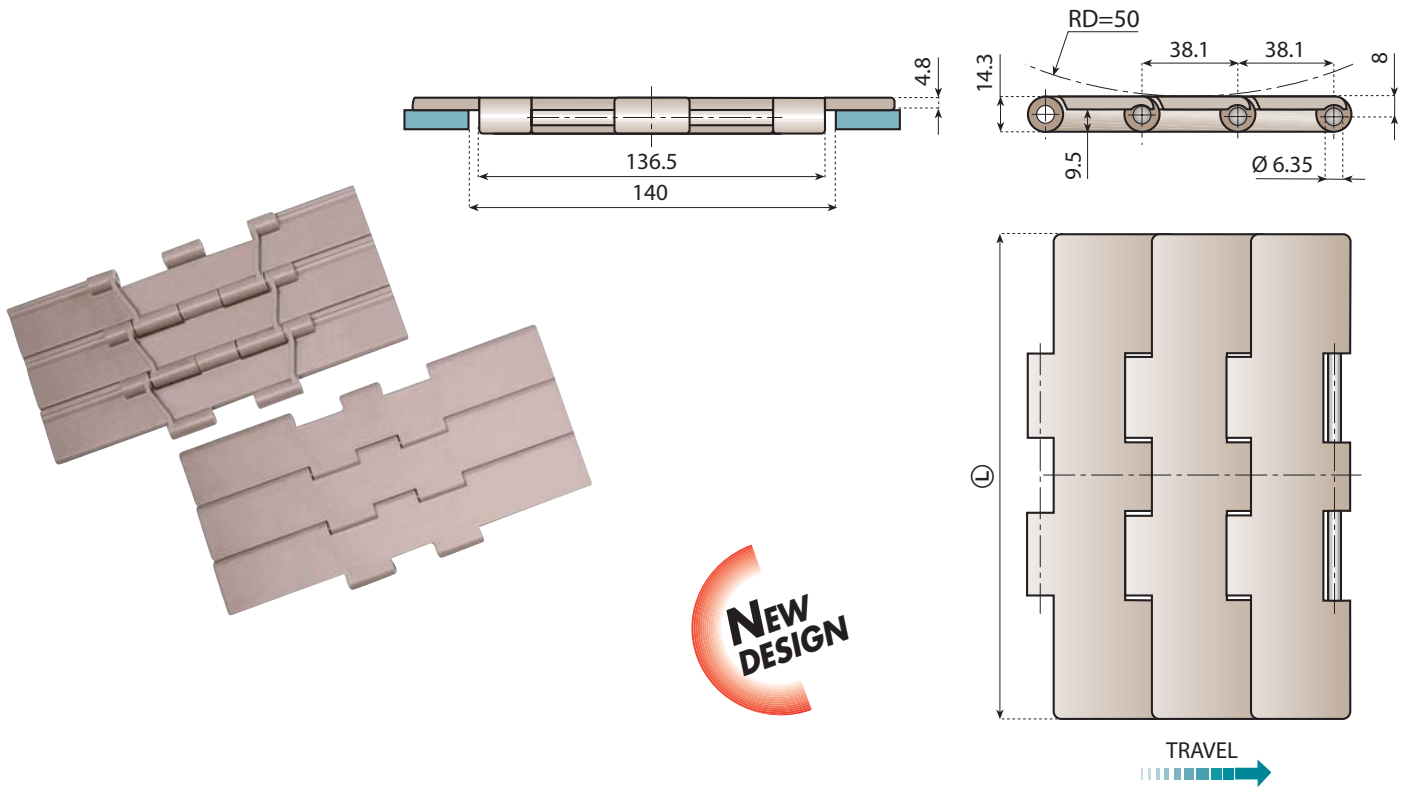
- LF** Low Friction Acetal Resin
- XPG** Extra Performance
- NG** New Generation

MATERIAL For chains material see pages 18 - 19

 For chemical resistance see pages 336 - 337

CHAIN - REF.	CODE	Material Plate	Breaking Load N	Width L		Weight Kg/m
				mm	inch.	
SK 38 K32 LF	11410	LF	2000	32.0	1.1/4	0.25
SK 38 K50 LF	11411	Brown		50.8	2	0.35
SK 38 K32 XPG	11412G	XPG	1900	32.0	1.1/4	0.25
SK 38 K50 XPG	11413G	Dark Grey		50.8	2	0.35
SK 38 K32 NG	11414	NG	1700	32.0	1.1/4	0.25
SK 38 K50 NG	11415	Green		50.8	2	0.35

821 STRAIGHT RUNNING CHAINS DOUBLE HINGE



NEW DESIGN

STRAIGHT RUNNING CHAINS DOUBLE HINGE Series 821

Note:

These chains have a double hinge and double reinforcing bars.

Standard length:

80 pitches (10 ft. - 3.048 m).

Advantages:

Load carrying capacity is this increased and is similar to that of a single hinge stainless steel chains.

Pin material:

Austenitic Steel

- LF** Low Friction Acetal Resin
- XPG** Extra Performance
- NG** New Generation
- D** Grey Acetal Resin

On request and for adequate quantities these chains can be produced in:



For chains material see pages 18 - 19



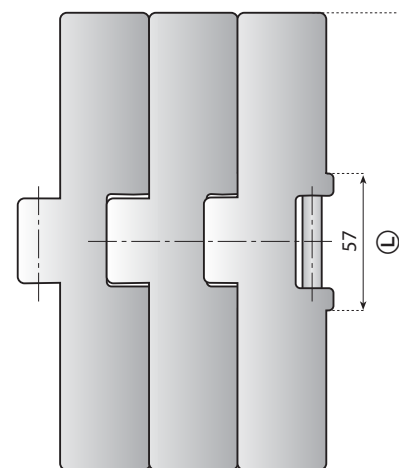
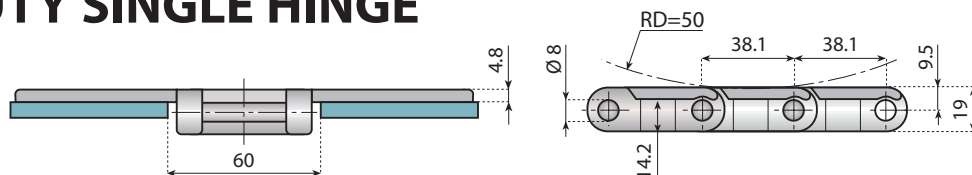
For sprockets type see pages 294 → 298



For chemical resistance see pages 336 - 337

CHAIN - REF.	CODE	Material Plate	Breaking Load N	Width L		Weight Kg/m
				mm	inch.	
LF 821 K750	11002	LF Brown	8300	190.5	7½	2.59
LF 821 K1000	11004			254.0	10	3.08
LF 821 K1200	11006			304.8	12	3.35
XPG 821 K750	11510G	XPG Dark Grey	8100	190.5	7½	2.59
XPG 821 K1000	11511G			254.0	10	3.08
XPG 821 K1200	11512G			304.8	12	3.35
NG 821 K750	11170	NG Green	7800	190.5	7½	2.59
NG 821 K1000	11171			254.0	10	3.08
NG 821 K1200	11172			304.8	12	3.35

8257 STRAIGHT RUNNING CHAINS HEAVY DUTY SINGLE HINGE



STRAIGHT RUNNING CHAINS HEAVY DUTY SINGLE HINGE Series 8257

Standard length:

80 pitches (10 ft. - 3.048 m).

Advantages:

There are several advantages by using the new type of chains (stainless steel and plastic).

As a matter of fact there are chains for straight running and sideflexing (magnetic system) applications, as well as chains for product accumulation (LBP series) and for inclined sections (chains with rubber pad), but the structure of the conveyors does not change (upper spacers) as the standard width of the hinge enables the use of the same guides for the same chain width.

NEWS SERIES!

This chain is part of the new series of stainless steel and plastic chains having a hinge - width of 57 mm.

Versions:

series

STAINLESS STEEL CHAINS:

Straight running chain	8157
Sideflexing chain for magnetic system	8857 M
Straight running chain with rubber pad	8157 VG
Sideflexing chain with rubber pad for magnetic system	8857 M VG

PLASTIC CHAINS:

Straight running chain	8257
Sideflexing chain for magnetic system	882 M
Straight running chain with accumulation rollers	LBP 8257
Sideflexing chain with accumulation roller for magnetic system	LBP 882 M
Straight running chain with rubber pad	8257 VG
Sideflexing chain with rubber pad for magnetic system	882 M VG

MATERIAL For chains material see pages 18 - 19

Pin material:
Austenitic Steel

SPROCKET For sprockets type see pages 358 → 363

CHEMICAL For chemical resistance see pages 336 - 337

LF LFG Low Friction Acetal Resin

XPG Extra Performance

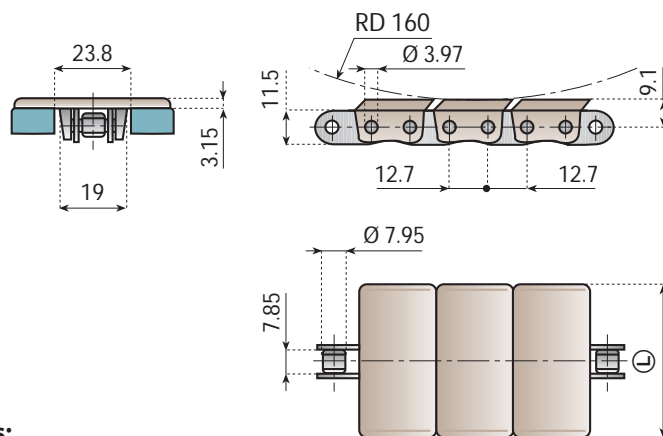
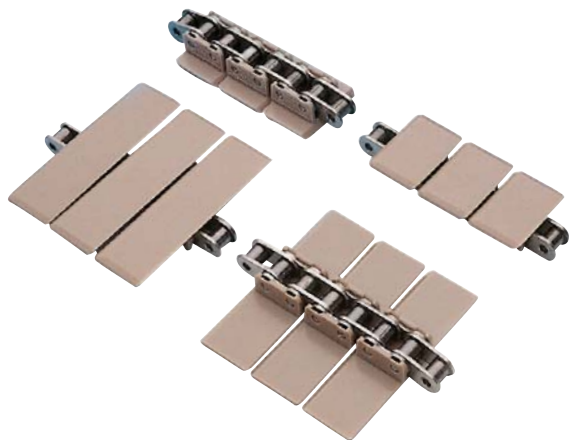
NG New Generation

CHAIN - REF.	CODE	Material Plate	Breaking Load N	Width L		Weight Kg/m
				mm	inch.	
LF 8257 K750	11167	LF Brown	10000	190.5	7 1/2	2.20
LF 8257 K1000	11168			254.0	10	2.55
LF 8257 K1200	11169			304.8	12	2.90
LFG 8257 K750	11175	LFG Dark Grey	10000	190.5	7 1/2	2.20
LFG 8257 K1000	11176			254.0	10	2.55
LFG 8257 K1200	11177			304.8	12	2.90
XPG 8257 K750	11450G	XPG Dark Grey	9500	190.5	7 1/2	2.20
XPG 8257 K1000	11451G			254.0	10	2.55
XPG 8257 K1200	11452G			304.8	12	2.90
NG 8257 K750	11180	NG Green	9000	190.5	7 1/2	2.20
NG 8257 K1000	11181			254.0	10	2.55
NG 8257 K1200	11182			304.8	12	2.90

Series 843 - 863

**Straight running
plate top chains**

843 STRAIGHT RUNNING PLASTIC PLATE TOP CHAINS with base roller chains 12.7 mm (1/2") pitch



STRAIGHT RUNNING PLASTIC PLATE TOP CHAINS with base roller chain 12.7 mm (1/2") pitch Series 843

Standard length:

240 pitches (10 Ft - 3,048 m)

120 flights

Advantages:

- High speed
- Low noise
- Small pitch
- Reduced chordal effect
- Reduced sprocket diameter
- Easy maintenance
- Plastic flights removable
- High loads
- Long conveyors
- No chain elongation
- Able to start under load


	TRAVEL
LF	Low Friction Acetal Resin
XPG	Extra Performance
NG	New Generation
C 45	Through Hardened Carbon Steel
AUSTIC	Stainless Steel

On request and for adequate quantities these chains can be produced in:

▶ **D** Grey Acetal Resin

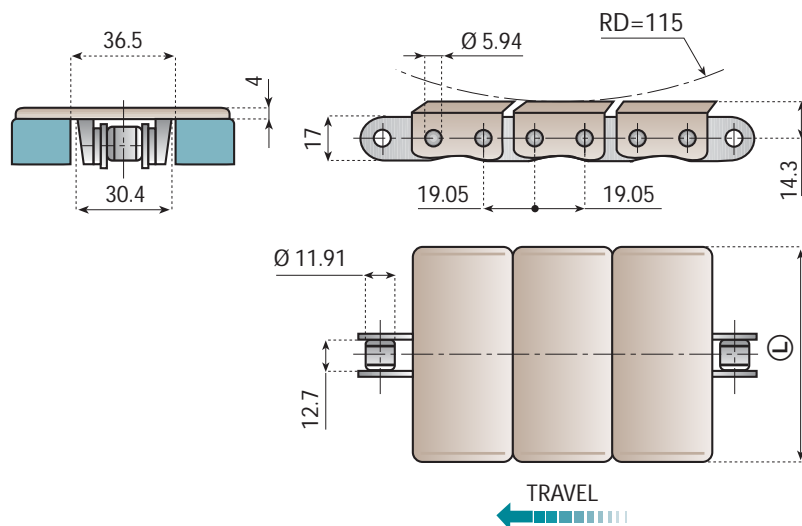
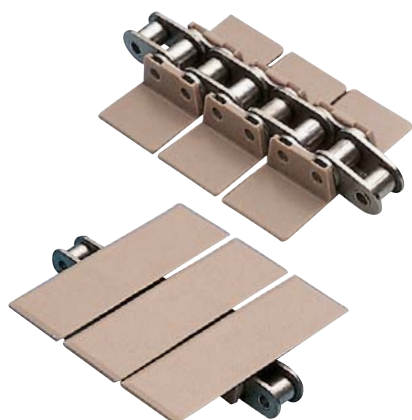
MATERIAL For chains material see pages 18 - 19

 For sprockets type see page 322

 For chemical resistance see pages 336 - 337

CHAIN - REF.	CODE	Material		Width L		Weight Kg/m
		Roller chain	Top plate	mm	inch.	
LF 843 K100	11593	C 45	LF Brown	25.4	1	0.82
LF 843 K125	11720			31.8	1 1/4	0.83
LF 843 K138	11614			34.9	1 3/8	0.83
LF 843 K144	11615			36.5	1 7/16	0.84
LF 843 K200	11616			50.8	2	0.89
LF 843 K325	11617			82.5	3 1/4	1.03
XPG 843 K100	11594G			25.4	1	0.82
XPG 843 K125	11721G			31.8	1 1/4	0.83
XPG 843 K138	11517G			34.9	1 3/8	0.83
XPG 843 K144	11595G			36.5	1 7/16	0.84
XPG 843 K200	11518G			50.8	2	0.89
XPG 843 K325	11519G			82.5	3 1/4	1.03
NG 843 K100	11670	25.4	1	0.82		
NG 843 K125	11722	31.8	1 1/4	0.83		
NG 843 K138	11671	34.9	1 3/8	0.83		
NG 843 K144	11672	36.5	1 7/16	0.84		
NG 843 K200	11673	50.8	2	0.89		
NG 843 K325	11674	82.5	3 1/4	1.03		
LF 843 SS K100	11597	AUSTIC	LF Brown	25.4	1	0.82
LF 843 SS K125	11723			31.8	1 1/4	0.83
LF 843 SS K138	11644			34.9	1 3/8	0.83
LF 843 SS K144	11645			36.5	1 7/16	0.84
LF 843 SS K200	11646			50.8	2	0.89
LF 843 SS K325	11647			82.5	3 1/4	1.03
XPG 843 SS K100	11598G			25.4	1	0.82
XPG 843 SS K125	11724G			31.8	1 1/4	0.83
XPG 843 SS K138	11520G			34.9	1 3/8	0.83
XPG 843 SS K144	11599G			36.5	1 7/16	0.84
XPG 843 SS K200	11521G			50.8	2	0.89
XPG 843 SS K325	11522G			82.5	3 1/4	1.03
NG 843 SS K100	11675	25.4	1	0.82		
NG 843 SS K125	11725	31.8	1 1/4	0.83		
NG 843 SS K138	11676	34.9	1 3/8	0.83		
NG 843 SS K144	11677	36.5	1 7/16	0.84		
NG 843 SS K200	11678	50.8	2	0.89		
NG 843 SS K325	11679	82.5	3 1/4	1.03		

863 STRAIGHT RUNNING PLATE TOP CHAINS with base roller chains 19.05 mm (3/4") pitch



STRAIGHT RUNNING PLATE TOP CHAINS with base roller chains 19.05 mm (3/4") pitch Series 863

Standard length:

160 pitches (10 Ft - 3,048 m)
80 flights

Descriptions:

Combining the carrying capacity of a high quality base roller chain with the smoothness and flatness of the thermoplastic flights, allows for greater conveyor design freedom with these chains, increased conveyor lengths and faster speeds are possible.

Advantages:

- High speed
- Very high loads
- Longer conveyors
- Easy maintenance
- Flights removeable
- Lower noise
- Facility to start under load



For chains material see pages 18 - 19



For sprockets type see page 322



For chemical resistance see pages 336 - 337

- LF** Low Friction Acetal Resin
 - XPG** Extra Performance
 - NG** New Generation
 - C 45** Through Hardened Carbon Steel
 - AUSTIC** Stainless Steel
- On request and for adequate quantities these chains can be produced in:*
- D** Grey Acetal Resin

CHAIN - REF.	CODE	Material		Width L		Weight Kg/m
		Roller Chain	Top plate	mm	inch.	
LF 863 K325	11622	C 45	LF Brown	82.5	1.1/4	2.10
LF 863 K450	11623			114.3	4.1/2	2.23
LF 863 K600	11624			152.4	6.1/2	2.53
LF 863 K750	11625			190.5	7.1/2	2.68
XPG 863 K325	11523G		XPG Dark Grey	82.5	1.1/4	2.10
XPG 863 K450	11524G			114.3	4.1/2	2.23
XPG 863 K600	11525G			152.4	6.1/2	2.53
XPG 863 K750	11526G			190.5	7.1/2	2.68
NG 863 K325	11680		NG Green	82.5	1.1/4	2.10
NG 863 K450	11681			114.3	4.1/2	2.23
NG 863 K600	11682			152.4	6.1/2	2.53
NG 863 K750	11683			190.5	7.1/2	2.68
LF 863 SS K325	11652	AUSTIC	LF Brown	82.5	1.1/4	2.10
LF 863 SS K450	11653			114.3	4.1/2	2.23
LF 863 SS K600	11654			152.4	6.1/2	2.53
LF 863 SS K750	11655			190.5	7.1/2	2.68
XPG 863 SS K325	11527G		XPG Dark Grey	82.5	1.1/4	2.10
XPG 863 SS K450	11528G			114.3	4.1/2	2.23
XPG 863 SS K600	11529G			152.4	6.1/2	2.53
XPG 863 SS K750	11530G			190.5	7.1/2	2.68
NG 863 SS K325	11684		NG Green	82.5	1.1/4	2.10
NG 863 SS K450	11685			114.3	4.1/2	2.23
NG 863 SS K600	11686			152.4	6.1/2	2.53
NG 863 SS K750	11687			190.5	7.1/2	2.68