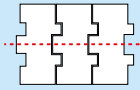


Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

1 1 0 1 0 a

INDEX METAL CHAINS

www.SystemPlastSmartGuide.com



STRAIGHT

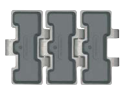
FLAT TOP



1 1 0 2 0 a
812 - 815 - 815L

1 1 0 4 0 a

RUBBER TOP



1 1 1 5 0 a
815VG - 815 VG TAB

1 1 0 4 0 b



1 1 1 2 0 a
800 - 802 - 805

1 1 1 2 0 a



1 1 1 5 0 a
814 VG

1 1 1 5 0 b



1 1 1 0 0 a
8157

1 1 1 0 0 a



1 1 1 8 0 a
8157 VG - 8157 TAB VG

1 1 1 0 0 a



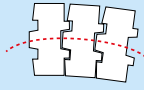
1 1 1 3 0 a
515

1 1 1 3 0 a



1 1 1 8 0 a
805 VG

1 1 1 2 0 a



SIDEFLEXING

FLAT TOP



1 1 0 6 0 a
881M - 881MO

1 1 0 4 0 a

RUBBER TOP



1 1 1 6 0 a
881 MO VG

1 1 0 9 0 a



1 1 0 7 0 a
881R TAB - 8810 TAB

1 1 0 9 0 a



1 1 1 6 0 a
8857 M VG

1 1 1 0 0 a



1 1 0 8 0 a
8810

1 1 0 9 0 a



1 1 1 7 0 a
881 VG - 881 TAB VG

1 1 0 4 0 b



1 1 1 1 0 a
8857 TAB - 8857M

1 1 1 0 0 a

PLATE TOP



1 1 1 4 0 a
1874

GRIPPER



1 1 4 5 0 a
1874 GV

FOR OTHER TYPES OF CHAIN GO TO:

- 1 1 0 1 1 a** Index Straight running thermoplastic chains
- 1 1 0 1 2 a** Index Sideflexing thermoplastic chains
- 1 1 0 1 3 a** Index other types of chains



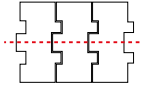
Information about this product is only available on our Smart Guide® website.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

1 1 0 1 1 a

INDEX STRAIGHT RUNNING THERMOPLASTIC CHAINS

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STRAIGHT

FLAT TOP	PLATE TOP	RUBBER TOP	LBP
<p>1 1 1 9 0 a 820 - 820P - 831</p> <p>1 1 2 0 0 a ⚙️</p>	<p>1 1 4 6 0 a ⚙️ 843 - 845</p>	<p>1 1 3 8 0 a 831 VG</p> <p>1 1 2 0 0 a ⚙️</p>	<p>1 1 3 4 0 a ⚙️ LBP 831</p> <p>1 1 2 0 0 a ⚙️</p>
<p>1 1 2 1 0 a 828</p> <p>1 1 2 6 0 a ⚙️</p>	<p>1 1 4 6 0 a ⚙️ 863</p>	<p>1 1 4 1 0 a 8257 VG</p> <p>1 1 3 0 0 a ⚙️</p>	<p>1 1 3 7 0 a LBP 8257</p> <p>1 1 3 0 0 a ⚙️</p>
<p>1 1 3 1 0 a 8257</p> <p>1 1 3 0 0 a ⚙️</p>		<p>1 1 4 1 0 a 821 VG</p> <p>1 1 3 2 0 b ⚙️</p>	<p>1 1 3 7 0 a LBP 821</p> <p>1 1 3 2 0 b ⚙️</p>
<p>1 1 3 2 0 a 821</p> <p>1 1 3 2 0 b ⚙️</p>			
<p>1 1 3 3 0 a ⚙️ SK 38</p> <p>1 1 3 3 0 a ⚙️</p>			



Information about this product is only available on our Smart Guide® website.

FOR OTHER TYPES OF CHAIN GO TO:

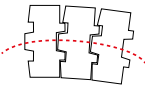
- 1 1 0 1 0 a** Index Metal chains
- 1 1 0 1 2 a** Index Sideflexing thermoplastic chains
- 1 1 0 1 3 a** Index other types of chains

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

1 1 0 1 2 a

INDEX SIDEFLEXING THERMOPLASTIC CHAINS

www.SystemPlastSmartGuide.com



SIDEFLEXING

FLAT TOP

1 1 2 2 0 a
879M - 880M

1 1 2 6 0 a ⚙️

1 1 2 3 0 a
877TAB - 878TAB
879TAB - 880TAB

1 1 2 6 0 a ⚙️

1 1 2 4 0 a
879 - 880

1 1 2 6 0 a ⚙️

1 1 2 4 0 b
8800P

1 1 2 6 0 a ⚙️

1 1 2 8 0 a
882M

1 1 3 0 0 a ⚙️

1 1 2 9 0 a
882 BEVEL - 882 TAB

1 1 3 0 0 a ⚙️

PLATE TOP

1 1 4 7 0 a
1843 TAB

1 1 4 7 0 a
1873 TAB

1 1 4 9 0 a
1863 TAB

VACUUM

1 1 2 3 5 a
880TAB - VACUUM

1 1 2 6 0 a ⚙️

RUBBER TOP

1 1 3 8 0 a
879 M VG

1 1 2 6 0 b ⚙️

1 1 3 9 0 a
878 TAB VG - 879 TAB VG

1 1 2 6 0 a ⚙️

1 1 4 0 0 a
882 M VG - 882 TAB VG

1 1 3 0 0 a ⚙️

1 1 4 2 0 a
1873 TAB VG

1 1 4 2 5 a
1873 TAB VG - NECK STERILIZER

GRIPPER

1 1 4 3 0 a
878 TAB GS

1 1 2 6 0 a ⚙️

1 1 4 4 0 a
1873 TAB GS

LBP

1 1 3 5 0 a
LBP 878 TAB

1 1 2 6 0 a ⚙️

1 1 3 5 0 a
LBP 879 M

1 1 2 6 0 a ⚙️

1 1 3 6 0 a
LBP 882 M - LBP 882 TAB

1 1 3 0 0 a ⚙️

FOR OTHER TYPES OF CHAIN GO TO:

- 1 1 0 1 0 a** Index Metal chains
- 1 1 0 1 1 a** Index Straight running thermoplastic chains
- 1 1 0 1 3 a** Index other types of chains

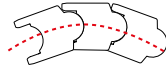
Information about this product is only available on our Smart Guide® website.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11013a

OTHER TYPES OF CHAIN

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SIDEFLEXING

	MULTIFLEX	CRATE CONVEYOR	
	<p>11530a 1700 - 1702 - 1701 TAB</p> <p>11550a ⚙️</p>	<p>11570a CC 600 - CC 600 TAB</p> <p>11580a ⚙️</p>	<p>11590a CC 1400 - CC 1400 TAB</p> <p>11590a ⚙️</p>
SAFETY CHAIN	<p>11530a 1706</p> <p>11550a ⚙️</p>	<p>11570a CC 600 P - CC 600 TAB P</p> <p>11580a ⚙️</p>	<p>11590a CC 1431 TAB</p> <p>11590a ⚙️</p>
	<p>11540a 1710 - 1710C TAB</p> <p>11550a ⚙️</p>	<p>11580a CC 600 F CC 631 TAB</p> <p>11580a ⚙️</p>	<p>11600a CC 1400V CC 1400V TAB</p> <p>11600a ⚙️</p>

FOR OTHER TYPES OF CHAIN GO TO:

11010a Index
Metal chains

11011a Index
Straight running thermoplastic chains

11012a Index
Sideflexing thermoplastic chains

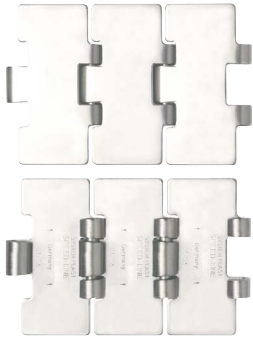
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11020a

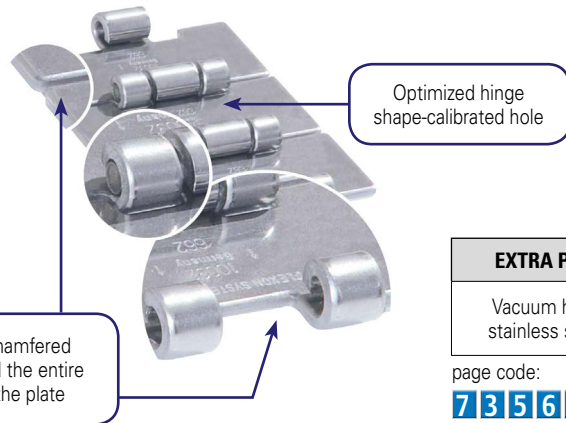
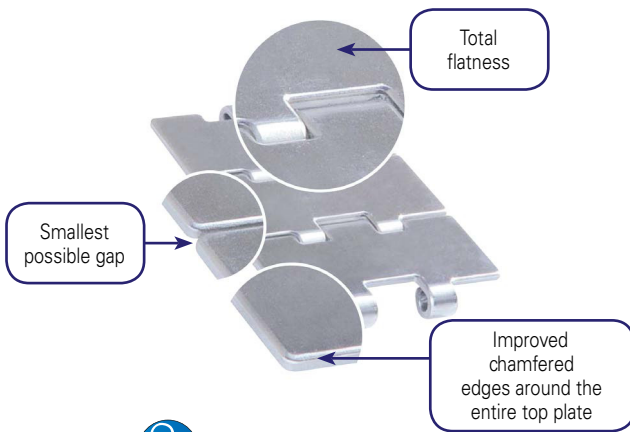
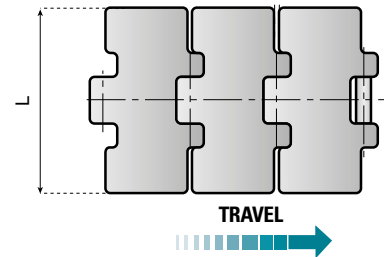
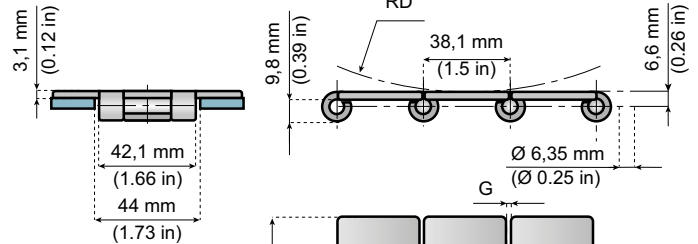
815L

www.SystemPlastSmartGuide.com

(SPEED-LINE) STRAIGHT RUNNING CHAINS - STAINLESS STEEL



**HIGH PERFORMANCE
EXTENDED LIFE**



Information about this product is only available on our Smart Guide® website.

EXTRA PLUS HB
Vacuum hardened stainless steel pins

page code:
73560a

11040a

Other versions 815:
VG Rubber top



Standard versions: **11030a**

For versions in austenitic and carbon steel material: **11030b**

812L - 815L STRAIGHT RUNNING CHAINS SINGLE HINGE

ITEM DESCRIPTION	MATERIAL	MAX. WORKING LOAD		FINISH µm	FLATNESS (MAX)		POLISHED HINGES	WIDTH L		G		RD		WEIGHT	
		N	lbs		mm	in		mm	in	mm	in	Kg/m	lbs/ft.		
SSEL815-K325	Extra plus	6000	1350	0,3	0,1	0.004	no	82,5	3 ¼	1,5	0.06	150	5.9	2,6	1.7
SSEL815-K325HB	Extra plus HB														

815L SPEED - LINE STRAIGHT RUNNING CHAINS SINGLE HINGE

ITEM DESCRIPTION	MATERIAL	MAX. WORKING LOAD		FINISH µm	FLATNESS (MAX)		POLISHED HINGES	WIDTH L		G		RD		WEIGHT	
		N	lbs		mm	in		mm	in	mm	in	Kg/m	lbs/ft.		
SPSL815-K325	Extra plus	6000	1350	0,2	0,1	0.004	yes	82,5	3 ¼	1,5	0.06	150	5.9	2,6	1.7
SPSL815-K330								83,8	3 19/64						
SPSL815-K325HB	Extra plus HB							82,5	3 ¼						
SPSL815-K330HB		83,8	3 19/64												

Standard length: 80 pitches (10 ft. - 3,05 m)

Breaking load according to standard ISO 4348 - DIN 8153

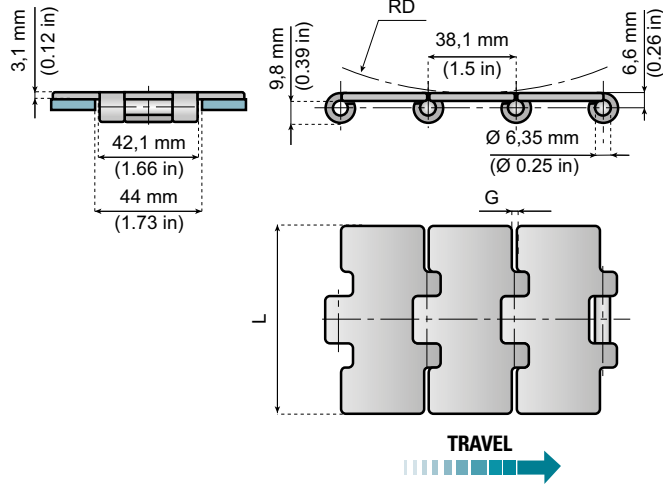
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11030a

812 - 815

www.SystemPlastSmartGuide.com

STRAIGHT RUNNING CHAINS - FERRITIC STAINLESS STEEL



EXTRA PLUS HB
Vacuum hardened stainless steel pins

page code: **73560a**



Information about this product is only available on our Smart Guide® website.

11040a



Advantages:

- Complete program to cover all applications
- All materials
- All sizes

For chains with further improved characteristics:

11020a

For versions in austenitic and carbon steel material:

11030b

ITEM DESCRIPTION	MATERIAL	MAX. WORKING LOAD		FINISH μm	FLATNESS (MAX)		POLISHED HINGES	WIDTH L		G		RD		WEIGHT			
		N	lbs		mm	in		mm	in	mm	in	mm	in	Kg/m	lbs/ft.		
SSL812-K325	STANDARD	5400	1220	0,6	0,1	0.004	no	82,5	3 ¼	1,5	0.06	150	5.9	2,6	1.7		
SS812-K400					101,6	4		3,0	2.0								
SS812-K450					114,3	4 ½		3,3	2.2								
SS812-K600					152,4	6		4,2	2.8								
SS812-K750					190,5	7 ½		5,1	3.4								
SSE815-K250	Extra plus	6000	1350	0,3	0,15	0.006	no	63,5	2 ½	1,8	0.07	150	5.9	2,3	1.5		
SSE815-K263					66,8	2 ⅝		2,4	1.6								
SSE815-K300					76,2	3		2,5	1.7								
SSEL815-K325					0,10	0.004	82,5	3 ¼	1,5	0.06	2,6			1.7			
SSSR815-K325					0,15	0.006	82,5	3 ¼			2,8			0.11	75	2.9	2,6
SPSL815-K330					0,10	0.004	yes	83,8	3 ⅞	1,5	0.06			150	5.9	2,6	1.7
SSE815-K350					0,15	0.006	no	88,9	3 ½	1,8	0.07					2,7	1.8
SSE815-K400					0,2	0.008		101,6	4							3,0	2.0
SSE815-K750					0,3	0.012		190,5	7 ½					5,1	3.4		
SSEL815-K325HB					Extra plus HB	6000	1350	0,3	0,10	0.004	no			82,5	3 ¼	1,5	0.06
SSE815-K350HB	0,15	0.006	88,9	3 ½					2,7	1.8							
SSE815-K450HB	0,2	0.008	114,3	4 ½					3,3	2.2							
SSE815-K600HB	0,3	0.012	152,4	6					4,2	2.8							
SSE815-K750HB	0,3	0.012	190,5	7 ½					5,1	3.4							

Standard length: 80 pitches (10 ft. - 3,05 m)

Breaking load according to standard ISO 4348 - DIN 8153

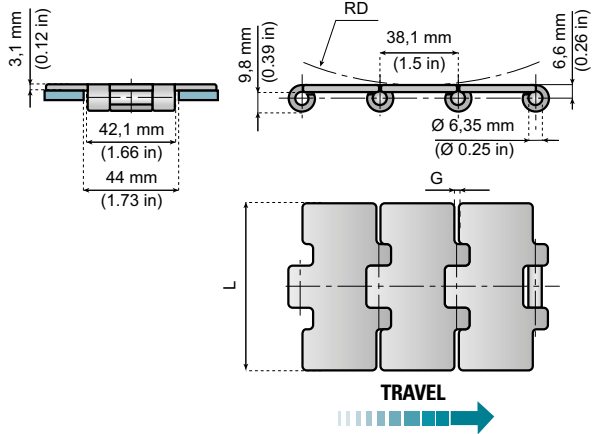
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11030b

815

www.SystemPlastSmartGuide.com

STRAIGHT RUNNING CHAINS - CARBON STEEL AND AUSTENITIC STAINLESS STEEL



MOQ Min. order quantity: 100 m.

11040a

See also the chains:

11020a
11030a

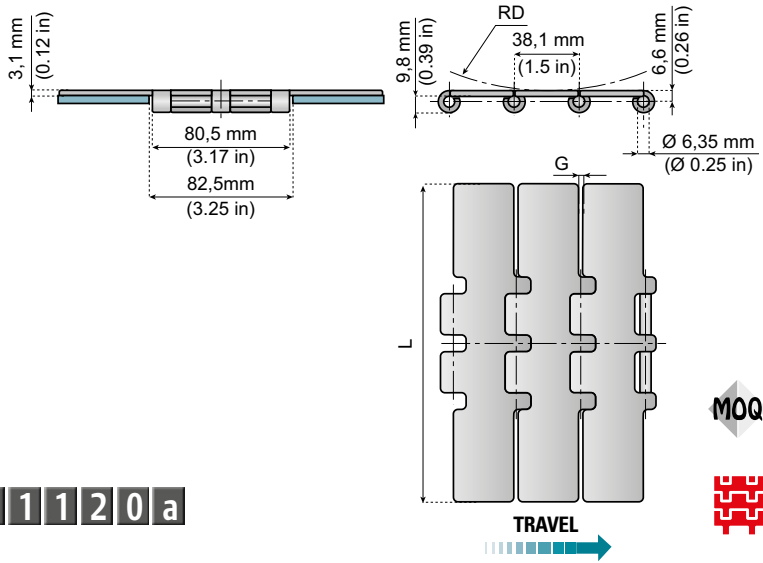
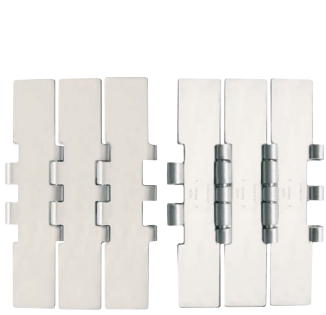
- Advantages:**
- Complete program to cover all applications
 - All materials
 - All sizes

ITEM DESCRIPTION	MATERIAL	MAX. WORKING LOAD		FINISH μm	FLATNESS (MAX)		POLISHED HINGES	WIDTH L		G		RD		WEIGHT	
		N	lbs		mm	in		mm	in	mm	in	Kg/m	lbs/ft.		
S815-K325	C 45	12000	2700	-	-	-	no	82,5	3 ¼	1,8	0.07	150	5.9	2,6	1.7
S815-K350								88,9	3 ¼					2,7	1.8
S815-K450								114,3	4 ½					3,3	2.2
S815-K600								152,4	6					4,2	2.8
S815-K750								190,5	7 ½					5,1	3.4
SSA815-K325	Austenitic	5300	1190	0,3	0,15	0.006	no	82,5	3 ¼	1,8	0.07	150	5.9	2,6	1.7
SSA815-K330								83,8	3 19/64					2,6	1.7
SSA815-K350 ^{MOQ}								88,9	3 ½					2,7	1.8
SSA815-K450								114,3	4 ½					3,3	2.2
SSA815-K600								152,4	6					4,2	2.8
SSA815-K750								190,5	7 ½					5,1	3.4

Standard length: 80 pitches (3,05 m - 10 ft.)

Breaking load according to standard ISO 4348 - DIN 8153

800 - 805 STRAIGHT RUNNING CHAINS DOUBLE HINGE



MOQ Min. order quantity: 18 m.

Standard version:

11120a

- Advantages:**
- Very high strength.
 - For heavy duty applications.

11120a

ITEM DESCRIPTION	MATERIAL	MAX. WORKING LOAD		FINISH μm	WIDTH L		G		RD		WEIGHT	
		N	lbs		mm	in	mm	in	mm	in	Kg/m	lbs/ft.
SR800-K750 ^{MOQ}	C45	28000	6300	not applicable	190,5	7 ½	2,8	0.11	75	2.9	5,7	3.8
SSA805-K750	Austenitic	9600	2160	0,3			1,8	0.07	150	5.9	5,8	3.9

Standard length: 80 pitches (3,05 m - 10 ft.)

Breaking load according to standard ISO 4348 - DIN 8153

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

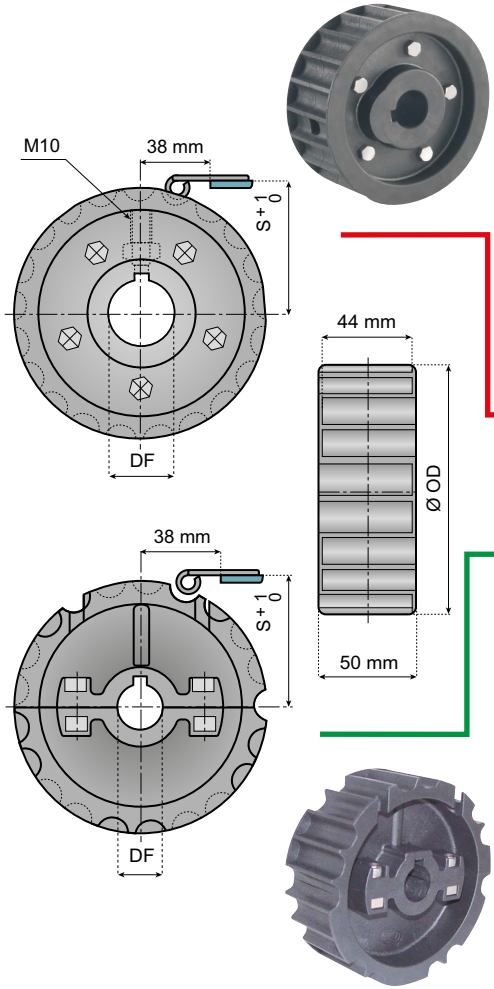


1 1 0 4 0 a

DRIVE SPROCKETS

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FOR CHAINS 812 - 815 (VG) - 881 (M-MO)



MOLDED DRIVE SPROCKETS - ONE PIECE TIGHT					
Z	Ø 25	Ø 30	Ø 35	Ø 40	Ø 45
19	815-19R25M-D	815-19R30M-D	815-19R35M-D	815-19R40M-D	-
MOLDED DRIVE SPROCKETS - SPLIT FIXED					
21	815-21R25M-DS	815-21R30M-DS	815-21R35M-DS	815-21R40M-DS	815-21R45M-DS
23	815-23R25M-DS	815-23R30M-DS	815-23R35M-DS	815-23R40M-DS	-
25	815-25R25M-DS	815-25R30M-DS	815-25R35M-DS	815-25R40M-DS	815-25R45M-DS

Material: reinforced polyamide (black); screws in stainless steel, nuts in nickel plated brass, DIN 6885 key seat.

Z	Ø OD mm	Ø P mm	S mm
19	117	117,34	61,9
21	129	129,26	67,8
23	142	141,21	73,8
25	154	153,21	79,8

Features:

- Split versions: quick and easy replacement.
- Foolproof design.
- Excellent wear and chemical resistance.
- Recyclable.



Information about this product is only available on our Smart Guide® website.

See also the sprockets and idler wheels:

- Heavy duty version**
- 11040b** **11040c** **11050a**
- 11050b** **11090c**

See also the chains:

- 812-815**
- 11020a** **11030a** **11030b**
- 815 VG**
- 11150a**
- 881M - 881MO**
- 11060a**

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	



11040b

DRIVE AND RETURN SPROCKETS

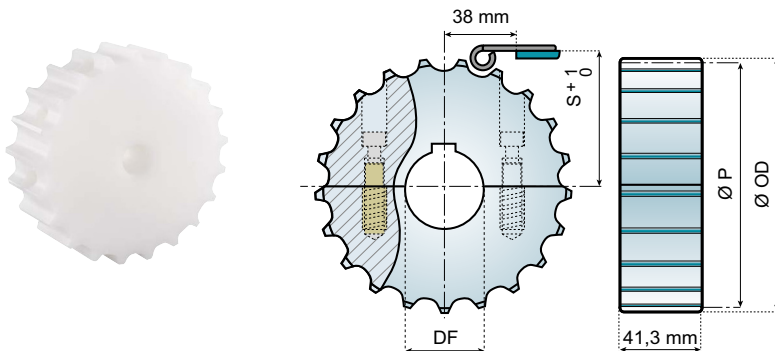
www.SystemPlastSmartGuide.com

FOR CHAINS 812-815 (VG)-881 (M-MO-TAB-VG)-8157 (VG)-8857TAB

New design
30990a

Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



Z	Ø OD mm	Ø P mm	S mm
17	103,9	105,47	55,9
19	117	117,34	61,9
21	129	129,26	67,8
23	142	141,21	73,8
25	154	153,21	79,8
27	166,8	165,20	85,8
29	178,5	177,24	91,8

MACHINED DRIVE SPROCKETS - SPLIT FIXED

Z	Ø 23*	Ø 25	Ø 30	Ø 35	Ø 40	Ø 45
	ITEM DESCRIPTION					
17	-	815-17R25M-DMS	815-17R30M-DMS	815-17R35M-DMS	815-17R40M-DMS	-
19	-	815-19R25M-DMS	815-19R30M-DMS	815-19R35M-DMS	815-19R40M-DMS	-
21	-	815-21R25M-DMS	815-21R30M-DMS	815-21R35M-DMS	815-21R40M-DMS	815-21R45M-DMS
23	-	815-23R25M-DMS	815-23R30M-DMS	815-23R35M-DMS	815-23R40M-DMS	815-23R45M-DMS
25	-	815-25R25M-DMS	815-25R30M-DMS	815-25R35M-DMS	815-25R40M-DMS	815-25R45M-DMS
27	-	815-27R25M-DMS	815-27R30M-DMS	815-27R35M-DMS	815-27R40M-DMS	-
29	-	815-29R25M-DMS	815-29R30M-DMS	815-29R35M-DMS	815-29R40M-DMS	-

MACHINED RETURN SPROCKETS - SPLIT

17	815-17R23M-RMS	815-17R25M-RMS ^{MOQ}	815-17R30M-RMS ^{MOQ}	815-17R35M-RMS ^{MOQ}	815-17R40M-RMS ^{MOQ}	-
19	815-19R23M-RMS	815-19R25M-RMS ^{MOQ}	815-19R30M-RMS ^{MOQ}	815-19R35M-RMS ^{MOQ}	815-19R40M-RMS ^{MOQ}	-
21	815-21R23M-RMS	815-21R25M-RMS ^{MOQ}	815-21R30M-RMS ^{MOQ}	815-21R35M-RMS ^{MOQ}	815-21R40M-RMS ^{MOQ}	-
23	815-23R23M-RMS	815-23R25M-RMS ^{MOQ}	815-23R30M-RMS ^{MOQ}	815-23R35M-RMS ^{MOQ}	815-23R40M-RMS ^{MOQ}	-
25	815-25R23M-RMS	815-25R25M-RMS ^{MOQ}	815-25R30M-RMS ^{MOQ}	815-25R35M-RMS ^{MOQ}	815-25R40M-RMS ^{MOQ}	-
27	815-27R23M-RMS	815-27R25M-RMS ^{MOQ}	815-27R30M-RMS ^{MOQ}	815-27R35M-RMS ^{MOQ}	815-27R40M-RMS ^{MOQ}	-
29	815-29R23M-RMS	815-29R25M-RMS ^{MOQ}	815-29R30M-RMS ^{MOQ}	815-29R35M-RMS ^{MOQ}	815-29R40M-RMS ^{MOQ}	-

Material: polyamide (natural white); screws in stainless steel, bushings in brass, DIN 6885 key seat. *Plain bore

MOQ Min. order quantity: 50 pcs.



See also the chains:

812-815

11020a
11030a
11030b

815 VG

11150a

881M - 881MO

11060a

881 VG TAB

11170a

815 VG TAB

11150a

8857 TAB

11110a



See also the sprockets and idler wheels:

11040a
11040c
11050a
11050b
11090c



Information about this product is only available on our Smart Guide® website.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11040c

HEAVY DUTY SPROCKET AND IDLER

FOR CHAINS 812 - 815 (VG) - 881 (M-MO)

www.SystemPlastSmartGuide.com

Features:

- Split versions: quick and easy replacement.
- Foolproof design.
- Dirt is moved away from contact surfaces resulting in longer wear life of chain and sprocket.
- Robust design can absorb high forces.
- Thicker teeth than standard sprockets for optimum wear life.
- Designed for harsh environments (e.g. crate conveyors).
- Sprocket available with Z12 and Bore 40mm.
- Idler available with plastic bushings or stainless steel bearings.
- Excellent wear and chemical resistance.
- Recyclable.

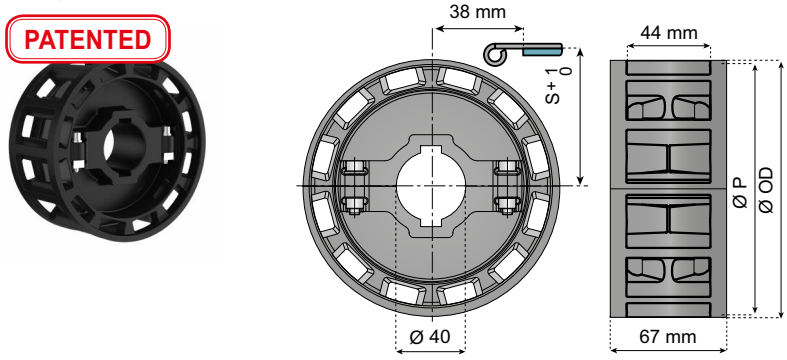
New



Example where standard sprockets operate under extreme abrasive conditions.



PATENTED



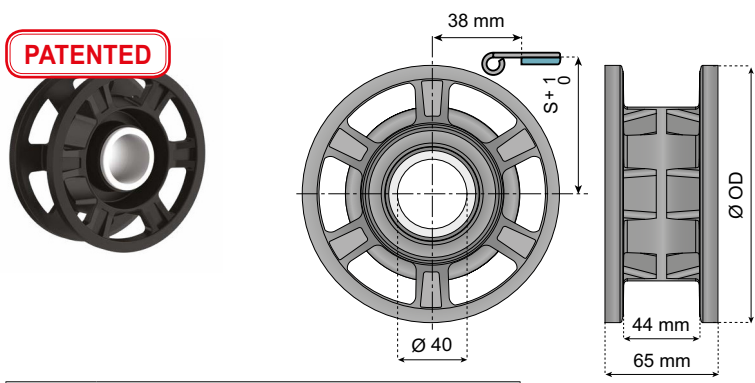
MOLDED DRIVE SPROCKETS - SPLIT FIXED

Z	Ø 40	ITEM DESCRIPTION	Z	Ø OD mm	Ø P mm	S mm
12		815-12R40M-DS-HD-K2	12	148	147,2	76

Material: reinforced polyamide (black); screws in stainless steel, nuts in nickel plated brass.
Note: can also be used with shaft with one key.

SELF-LUBE BUSHING

PATENTED



MOLDED IDLER WHEELS - ONE PIECE

Z	Ø 40	ITEM DESCRIPTION	Z	Ø OD mm	S mm
12		820-12R40M-W-HDL	12	148	76

Material: reinforced polyamide (black); acetal bushings.
Version with stainless steel bearings available on request.



Information about this product is only available on our Smart Guide® website.

See also the chains:

- 812-815
11020a **11030a** **11030b**
- 815 VG 881M - 881MO
- 11150a** **11060a**



See also the sprockets and idler wheels:

Standard version

- 11040a** **11040b**
11050a **11050b**
11090c

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11050a

IDLER WHEELS

www.SystemPlastSmartGuide.com

FOR CHAINS 812 - 815 (VG) - 820 - 828 - 831 (LBP) - 881 (M-MO)

Features:

- Split versions: quick and easy replacement.
- Excellent wear and chemical resistance.
- Recyclable.



See also the chains:

812-815

11020a

11030a

11030b

LBP 831

11340a

881M - 881MO

11060a

820 - 820P - 831

11190a

828

11210a



Information about this product is only available on our Smart Guide® website.



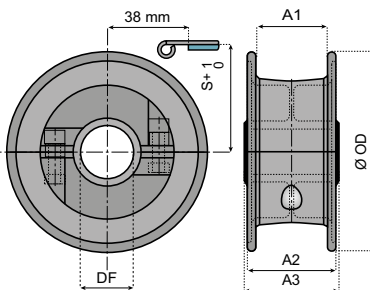
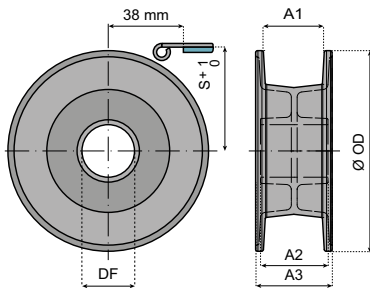
See also the sprockets and idler wheels:

11050b

11040b

11090c

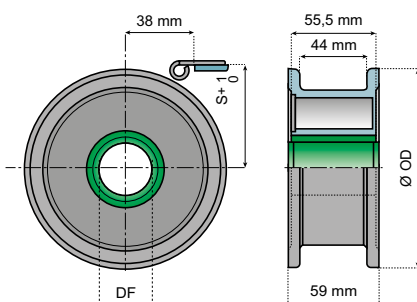
11040c



MOLDED IDLER WHEELS - ONE PIECE					
Z	Ø 25	Ø 30	Ø 35	Ø 40	Ø 45
	ITEM DESCRIPTION				
15	-	820-15R30M-W	820-15R35M-W	820-15R40M-W	820-15R45M-W
17	820-17R25M-W	820-17R30M-W	-	-	-
19	820-19R25M-W	820-19R30M-W	820-19R35M-W	820-19R40M-W	-
MOLDED IDLER WHEELS - SPLIT FLOATING					
21	820-21R25M-WS	820-21R30M-WS	820-21R35M-WS	820-21R40M-WS	-
23	820-23R25M-WS	820-23R30M-WS	820-23R35M-WS	820-23R40M-WS	-
25	820-25R25M-WS	820-25R30M-WS	820-25R35M-WS	820-25R40M-WS	-

Material: reinforced polyamide (black); screws in stainless steel, nuts in stainless steel.

SELF-LUBE BUSHING



Z	Ø OD mm	S mm	A1 mm	A2 mm	A3 mm
15	90	48,2	48	82	82
17	106	56,2	44	52	52
19	117	62,6	44	52	58
21	129,8	68,6	44	57	61
23	142,2	74,6	44	57	61
25	154,7	80,5	44	57	61

Features:

- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.

MOLDED IDLER WHEELS - ONE PIECE				
Z	Ø 25	Ø 30	Ø 35	Ø 40
	ITEM DESCRIPTION			
21	820-21R25M-WL	820-21R30M-WL	820-21R35M-WL	820-21R40M-WL
23	820-23R25M-WL ^{MOQ}	820-23R30M-WL ^{MOQ}	820-23R35M-WL ^{MOQ}	820-23R40M-WL ^{MOQ}
25	820-25R25M-WL	820-25R30M-WL	820-25R35M-WL	820-25R40M-WL

Material: reinforced polyamide (black).

MOQ Min. order quantity: 100 pcs.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	



1 1 0 5 0 b

MACHINED IDLER WHEELS

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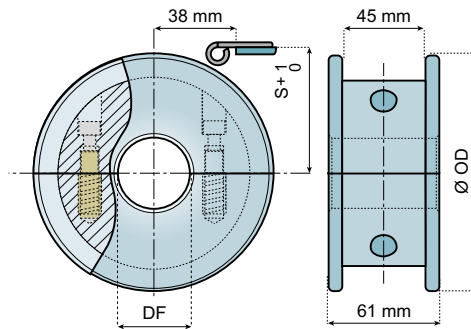
FOR CHAINS 812 - 815 (VG) - 820 - 828 - 831 (LBP) - 881 (M-MO)

New design

3 0 9 9 0 a

Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



Z	Ø OD mm	S mm
17	104	56,2
19	117	62,6
21	129,8	68,6
23	142,2	74,6
25	154,7	80,5
27	167,2	88,5
29	179,3	92,8

MACHINED IDLER WHEELS - SPLIT

Z	Ø 20	Ø 25	Ø 30	Ø 35	Ø 40
	ITEM DESCRIPTION				
17	820-17R20M-WMS	820-17R25M-WMS	820-17R30M-WMS	820-17R35M-WMS	820-17R40M-WMS
19	820-19R20M-WMS	820-19R25M-WMS	820-19R30M-WMS	820-19R35M-WMS	820-19R40M-WMS
21	820-21R20M-WMS	820-21R25M-WMS	820-21R30M-WMS	820-21R35M-WMS	820-21R40M-WMS
23	820-23R20M-WMS	820-23R25M-WMS	820-23R30M-WMS	820-23R35M-WMS	820-23R40M-WMS
25	820-25R20M-WMS	820-25R25M-WMS	820-25R30M-WMS	820-25R35M-WMS	820-25R40M-WMS
27	820-27R20M-WMS	820-27R25M-WMS	820-27R30M-WMS	820-27R35M-WMS	820-27R40M-WMS
29	820-29R20M-WMS	820-29R25M-WMS	820-29R30M-WMS	820-29R35M-WMS	820-29R40M-WMS

Material: polyamide (natural white); screws in stainless steel, bushings in brass.



See also the chains:

812-815

1 1 0 2 0 a

1 1 0 3 0 a

1 1 0 3 0 b

815 VG

1 1 1 5 0 a

820 - 820P - 831

1 1 1 9 0 a

881M - 881MO

1 1 0 6 0 a

LBP 831

1 1 3 4 0 a

828

1 1 2 1 0 a



See also the sprockets and idler wheels:

1 1 0 5 0 a

1 1 0 9 0 c

1 1 0 4 0 b

1 1 0 4 0 c



Information about this product is only available on our Smart Guide® website.

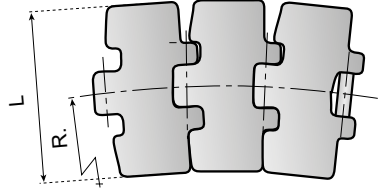
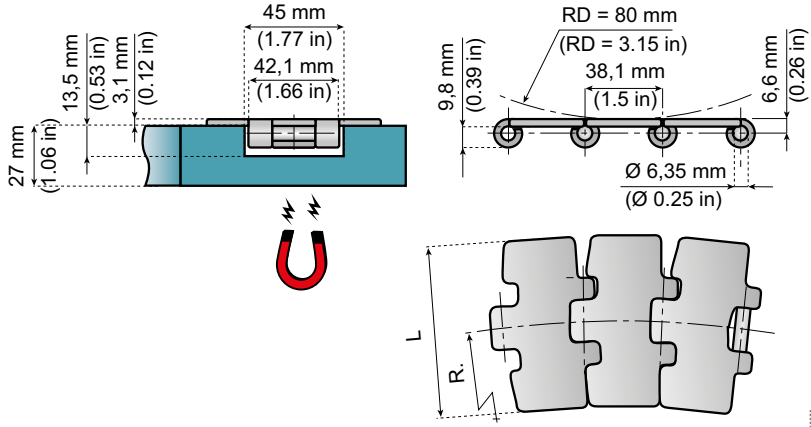
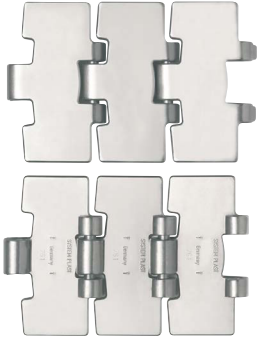
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11060a

881M - 881MO

www.SystemPlastSmartGuide.com

SIDEFLEXING CHAINS FOR MAGNETIC SYSTEM



Characteristics:

- The chains series 881 M and 8857 M are securely retained in the curve by magnets located under the hinge of the chain in the upper part of curve. As there are no TAB or BEVEL shoes on these chains they can be easily removed from the curve for maintenance or for cleaning, without dismantling the chain.
- The enlarged surface of our 881 MO series offers improved product support compared to the 881 M series.

Other versions 881MO:

VG Rubber top

Advantages:

- Optimum flatness of chains in curves
- Less power consumption
- For high speed lines
- Best product transfer along as well as across the running direction
- All advantages of the magnetic system
- The best choice for the most demanding applications, like pressureless combiners and high speed applications
- Improved flatness
- Optimum product stability



Information about this product is only available on our Smart Guide® website.



50010a



11040a

Pin Material: Ferritic Stainless Steel.

EXTRA PLUS HB

Vacuum hardened stainless steel pins

page code:

73560a

881 M - 881MO SIDEFLEXING CHAINS FOR MAGNETIC SYSTEM

ITEM DESCRIPTION	MATERIAL	MAX. WORKING LOAD		FINISH µm	FLATNESS (MAX)		POLISHED HINGES	WIDTH L		R MIN.		WEIGHT	
		N	lbs		mm	in		mm	in	mm	in	Kg/m	lbs/ft.
SSL881MO-K325	STANDARD	5400	1220	0,6	0,1	0.004	yes	82,5	3 ¼	500	19.7	2,6	1.7
SS881M-K450					0,2	0.008		114,3	4 ½			3,1	2.1
SS881M-K750					0,3	0.012		190,5	7 ½			4,9	3.3
SSEL881MO-K325	Extra plus	6000	1350	0,3	0,1	0.004	yes	82,5	3 ¼	500	19.7	2,6	1.7
SSE881MO-K330					0,15	0.006		83,8	3 19/64			2,7	1.8
SSE881M-K750					0,3	0.012		190,5	7 ½			4,9	3.3
SSEL881MO-K325HB	Extra plus HB	6000	1350	0,3	0,1	0.004	yes	82,5	3 ¼	500	19.7	2,5	1.7
SSE881MO-K330HB					0,15	0.006		83,8	3 19/64			2,7	1.8
SSE881M-K450HB					0,2	0.008		114,3	4 ½			3,1	2.1
SSE881M-K750HB					0,4	0.016		190,5	7 ½			4,9	3.3

L881 MO SPEED - LINE SIDEFLEXING CHAINS FOR MAGNETIC SYSTEM

ITEM DESCRIPTION	MATERIAL	MAX. WORKING LOAD		FINISH µm	FLATNESS (MAX)		POLISHED HINGES	WIDTH L		R MIN.		WEIGHT	
		N	lbs		mm	in		mm	in	mm	in	Kg/m	lbs/ft.
SPSL881MO-K325	Extra plus	6000	1.350	0,2 ▽▽▽ SUPERFINISH	0,1	0.004	yes	82,5	3 ¼	500	19.7	2,5	1.7
SPSL881MO-K330								83,8	3 19/64			2,6	
SPSL881MO-K325HB	Extra plus HB	6000	1.350	0,2 ▽▽▽ SUPERFINISH	0,1	0.004	yes	82,5	3 ¼	500	19.7	2,5	1.7
SPSL881MO-K330HB								83,8	3 19/64			2,6	

Standard length: 80 pitches (10 ft. - 3,05 m)

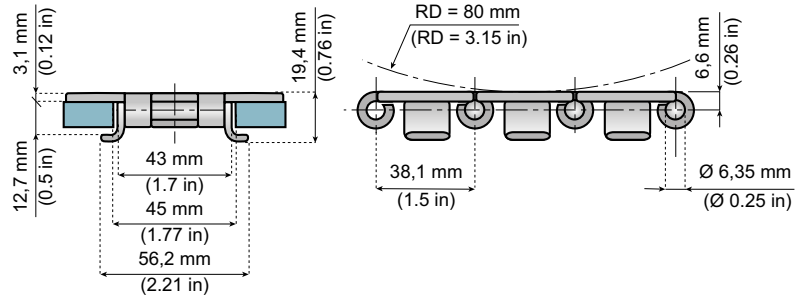
Breaking load according to standard ISO 4348 - DIN 8153

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11070a

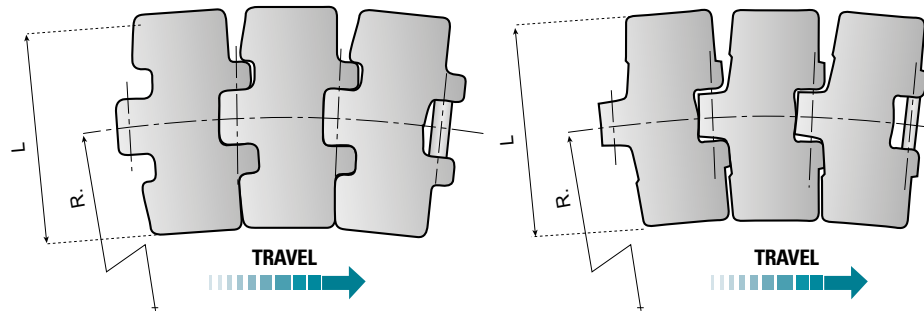
www.SystemPlastSmartGuide.com

881R TAB - 8810 TAB SIDEFLEXING CHAINS FOR TAB SYSTEM



8810 TAB
Optimized hinge shape

881R TAB



ITEM DESCRIPTION	MATERIAL	MAX. WORKING LOAD		FINISH µm	WIDTH L		R MIN.		WEIGHT	
		N	lbs		mm	in	mm	in	Kg/m	lbs/ft.
SS881OTAB-K325	STANDARD	4400	990	0,6	82,5	3 ¼	500	19.7	3,0	2.0
SS881OTAB-K450					114,3	4 ½			3,0	2.0
SSE881RTAB-K325	EXTRA	4850	1090	0,6	82,5	3 ¼	200	7.9	3,0	2.0
SSE881OTAB-K325	Extra plus	6000	1350	0,3	82,5	3 ¼	500	19.7	3,0	2.0
SSE881OTAB-K450					114,3	4 ½			3,7	2.5
SSE881OTAB-K750					190,5	7 ½			5,5	3.7
SSE881OTAB-K325HB	Extra plus HB				82,5	3 ¼			3,0	2.0
SSA881OTAB-K325	Austenitic	4500	3020	0,3	82,5	3 ¼	500	19.7	3,00	2.0
SSA881OTAB-K450					114,3	4 ½			3,70	2.5
SSA881OTAB-K750 ^{MOQ}					190,5	7 ½			5,50	3.7

Standard length: 80 pitches (10 ft. - 3,05 m)

Breaking load according to standard ISO 4348 - DIN 8153

MOQ Min. order quantity: 30 m.

Other versions 881TAB:

VG
Rubber top



Information about this product is only available on our Smart Guide® website.



11090a



50110a

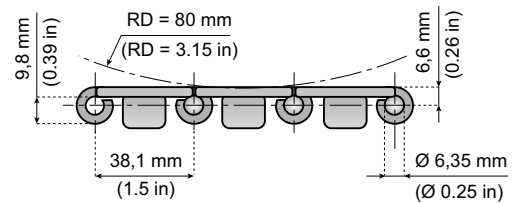
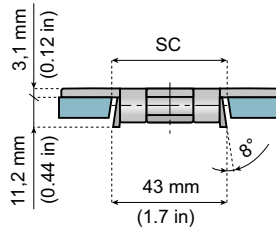
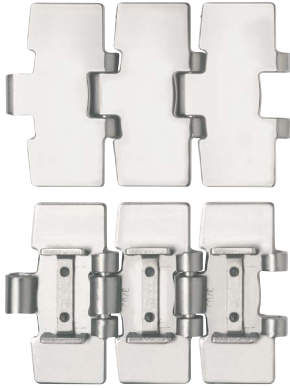
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11080a

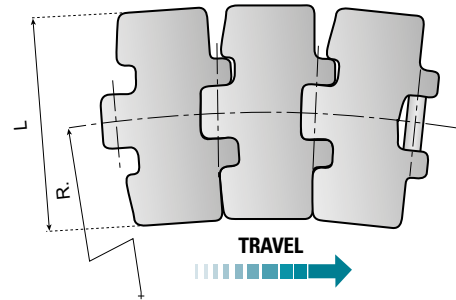
8810

www.SystemPlastSmartGuide.com

SIDEFLEXING CHAINS BEVEL SYSTEM



8810 TAB Optimized hinge shape



ITEM DESCRIPTION	MATERIAL	MAX. WORKING LOAD		FINISH μm	WIDTH L		R MIN.		SC				WEIGHT	
		N	lbs		mm	in	mm	in	STRAIGHT		CURVING		Kg/m	lbs/ft.
									mm	in	mm	in		
SSE8810-K325	Extra plus	6000	1350	0,3	82,5	3 ¼	500	19.7	44,5	1.75	41,5	1.63	3,00	2.0
SSE8810-K350					88,9	3 ½							3,20	2.2
SSE8810-K450					114,3	4 ½							3,70	2.5
SSE8810-K750					190,5	7 ½							5,50	3.7
SSA8810-K325	Austenitic	4500	3020	0,3	82,5	3 ¼	500	19.7	44,5	1.76	41,5	1.6	3,00	2.0
SSA8810-K450					114,3	4 ½							3,70	2.5

Standard length: 80 pitches (10 ft. - 3,05 m)

Breaking load according to standard ISO 4348 - DIN 8153

Other versions 881:

VG
Rubber top



Information about this product is only available on our Smart Guide® website.



11090a



50130a

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11090a

DRIVE AND RETURN SPROCKETS

FOR CHAINS 8810(TAB) - 881R TAB - 881MO VG

www.SystemPlastSmartGuide.com

Features:

- Split versions: quick and easy replacement.
- Foolproof design.
- Excellent wear and chemical resistance.
- Recyclable.



See also the chains:

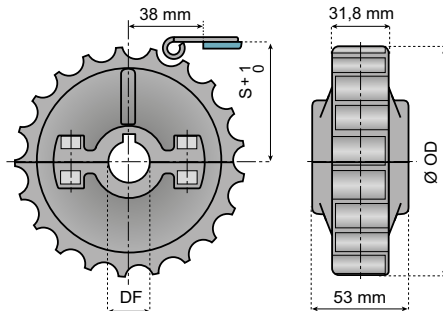
881 MO VG
11160a
881R TAB - 8810 TAB
11070a
8810
11080a



See also the sprockets and idler wheels:

11090b

11090c



MOLDED DRIVE SPROCKETS - SPLIT FIXED

Z	Ø25	Ø30	Ø35	Ø40	Ø45
	ITEM DESCRIPTION				
21	881-21R25M-DS	881-21R30M-DS	881-21R35M-DS	881-21R40M-DS	881-21R45M-DS
23	881-23R25M-DS	881-23R30M-DS	881-23R35M-DS	881-23R40M-DS	-
25	881-25R25M-DS	881-25R30M-DS	881-25R35M-DS	881-25R40M-DS	881-25R45M-DS

MOLDED RETURN SPROCKETS - SPLIT

21	881-21R25M-RS	881-21R30M-RS	881-21R35M-RS	881-21R40M-RS	881-21R45M-RS
23	881-23R25M-RS	881-23R30M-RS	881-23R35M-RS	881-23R40M-RS	-
25	881-25R25M-RS	881-25R30M-RS	881-25R35M-RS	881-25R40M-RS	881-25R45M-RS

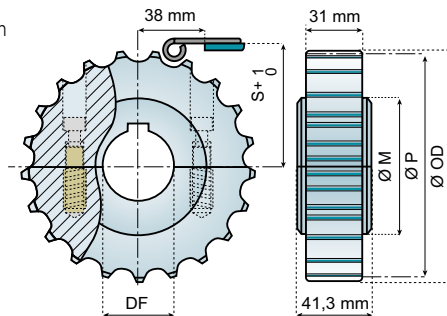
Material: reinforced polyamide (black); screws in stainless steel, nuts in nickel plated brass, DIN 6885 key seat.

New design

30990a

Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



Z	Ø OD mm	Ø P mm	Ø M mm	S mm
17	103,9	105,47	70	55,9
19	117	117,34	70	61,9
21	129	129,26	85	67,8
23	142	141,21	90	73,8
25	154	153,21	90	79,8
27	166,8	165,2	100	85,8
29	178,5	177,24	110	91,8



Information about this product is only available on our Smart Guide® website.

MACHINED DRIVE SPROCKETS - SPLIT FIXED

Z	Ø 23*	Ø 25	Ø 30	Ø 35	Ø 40	Ø 45
	ITEM DESCRIPTION					
17	-	881-17R25M-DMS	881-17R30M-DMS	881-17R35M-DMS	881-17R40M-DMS	-
19	-	881-19R25M-DMS	881-19R30M-DMS	881-19R35M-DMS	881-19R40M-DMS	-
21	-	881-21R25M-DMS	881-21R30M-DMS	881-21R35M-DMS	881-21R40M-DMS	881-21R45M-DMS
23	-	881-23R25M-DMS	881-23R30M-DMS	881-23R35M-DMS	881-23R40M-DMS	881-23R45M-DMS
25	-	881-25R25M-DMS	881-25R30M-DMS	881-25R35M-DMS	881-25R40M-DMS	881-25R45M-DMS
27	-	881-27R25M-DMS	881-27R30M-DMS	881-27R35M-DMS	881-27R40M-DMS	-
29	-	881-29R25M-DMS	881-29R30M-DMS	881-29R35M-DMS	881-29R40M-DMS	-

MACHINED RETURN SPROCKETS - SPLIT

17	881-17R23M-RMS	881-17R25M-RMS	881-17R30M-RMS	881-17R35M-RMS	881-17R40M-RMS	-
19	881-19R23M-RMS	881-19R25M-RMS	881-19R30M-RMS	881-19R35M-RMS	881-19R40M-RMS	-
21	881-21R23M-RMS	881-21R25M-RMS	881-21R30M-RMS	881-21R35M-RMS	881-21R40M-RMS	-
23	881-23R23M-RMS	881-23R25M-RMS	881-23R30M-RMS	881-23R35M-RMS	881-23R40M-RMS	-
25	881-25R23M-RMS	881-25R25M-RMS	881-25R30M-RMS	881-25R35M-RMS	881-25R40M-RMS	-
27	881-27R23M-RMS	881-27R25M-RMS	881-27R30M-RMS	881-27R35M-RMS	881-27R40M-RMS	-
29	881-29R23M-RMS	881-29R25M-RMS	881-29R30M-RMS	881-29R35M-RMS	881-29R40M-RMS	-

Material: polyamide (natural white); screws in stainless steel, bushings in brass, DIN 6885 key seat. *Plain bore

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11090b

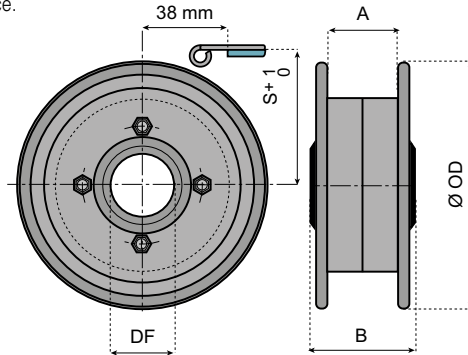
IDLER WHEELS

www.SystemPlastSmartGuide.com

FOR CHAINS 815VG TAB - 881R TAB - 8810 TAB - 8157 - 8857M

Features:

- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



Z	Ø OD mm	S mm
17	104,0	56,2
19	117,0	62,6
21	129,8	68,6
23	142,2	74,6
25	154,7	80,5
27	167,2	86,5
29	179,3	92,8

MOLDED IDLER WHEELS - ONE PIECE				
A=59 / B=75				
Z	Ø 25	Ø 30	Ø 35	Ø 40
ITEM DESCRIPTION				
19	881T-19R25M-W	881T-19R30M-W	881T-19R35M-W	881T-19R40M-W
21	881T-21R25M-W	881T-21R30M-W	881T-21R35M-W	881T-21R40M-W
23	881T-23R25M-W	881T-23R30M-W	881T-23R35M-W	881T-23R40M-W
25	881T-25R25M-W	881T-25R30M-W	881T-25R35M-W	881T-25R40M-W

Material: reinforced polyamide (black); screws in stainless steel.



See also the sprockets and idler wheels:

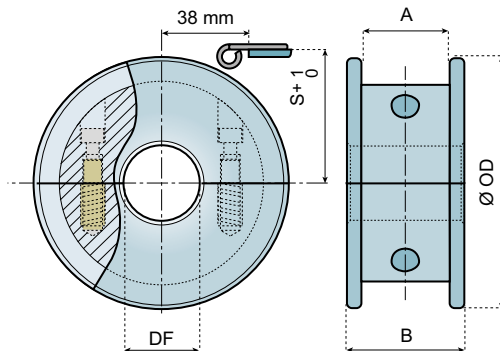
11090a

New design

30990a

Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



Information about this product is only available on our Smart Guide® website.



See also the chains:

881R TAB - 8810 TAB
11070a

8157
11100a

8857 M VG
11160a

8857 M
11110a

815 VG TAB
11150a

8257
11310a

MACHINED IDLER WHEELS - SPLIT					
A=60 / B=75					
Z	Ø 20	Ø 25	Ø 30	Ø 35	Ø 40
ITEM DESCRIPTION					
17	881T-17R20M-WMS	881T-17R25M-WMS	881T-17R30M-WMS	881T-17R35M-WMS	881T-17R40M-WMS
19	881T-19R20M-WMS	881T-19R25M-WMS	881T-19R30M-WMS	881T-19R35M-WMS	881T-19R40M-WMS
21	881T-21R20M-WMS	881T-21R25M-WMS	881T-21R30M-WMS	881T-21R35M-WMS	881T-21R40M-WMS
23	881T-23R20M-WMS	881T-23R25M-WMS	881T-23R30M-WMS	881T-23R35M-WMS	881T-23R40M-WMS
25	881T-25R20M-WMS	881T-25R25M-WMS	881T-25R30M-WMS	881T-25R35M-WMS	881T-25R40M-WMS
27	881T-27R20M-WMS	881T-27R25M-WMS	881T-27R30M-WMS	881T-27R35M-WMS	881T-27R40M-WMS
29	881T-29R20M-WMS	881T-29R25M-WMS	881T-29R30M-WMS	881T-29R35M-WMS	881T-29R40M-WMS

Material: polyamide (natural white); screws in stainless steel, bushings in brass.



Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	



11090c

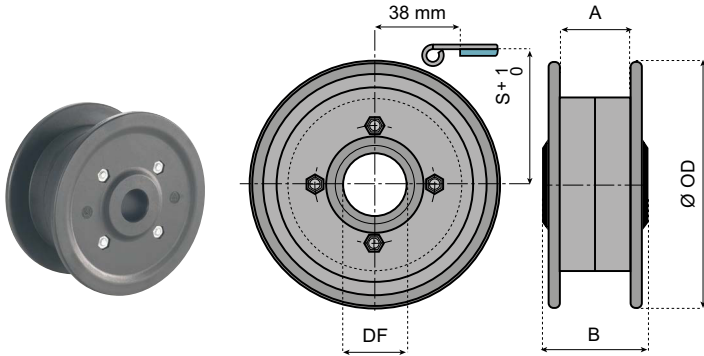
www.SystemPlastSmartGuide.com

IDLER WHEELS

FOR CHAINS 8810 - 881MO VG

Features:

- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



MOLDED IDLER WHEELS - ONE PIECE FOR BEVEL CHAINS				
A=44 / B=60				
Z	Ø 25	Ø 30	Ø 35	Ø 40
ITEM DESCRIPTION				
19	FOR THESE IDLER WHEELS GO TO: 11050a (MIN Z19 IS SUITABLE)			
21				
23				
25				

Z	Ø OD mm	S mm
19	117,0	62,6
21	129,8	68,6
23	142,2	74,6
25	154,7	80,5



Material: reinforced polyamide (black); screws in stainless steel.
Application: chains series 8810.

See also the sprockets and idler wheels:

11090a
11040c

See also the chains:

8810
11080a

881 MO VG
11160a



Information about this product is only available on our Smart Guide® website.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11090d

DRIVE SPROCKETS

www.SystemPlastSmartGuide.com

FOR CHAINS 812 - 815 (VG) - 881 (M-MO)



STAINLESS STEEL GUIDE RINGS

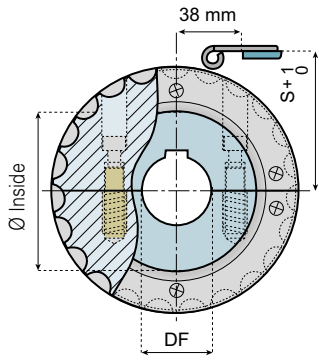
New

New design
30990a

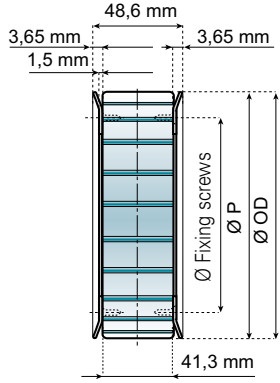
Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.

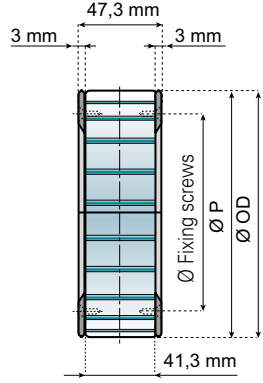
Z	Ø OD mm	Ø P mm	S mm
21	129	129,26	67,8
23	142	141,21	73,8
25	154	153,21	79,8



STAINLESS STEEL GUIDE RINGS



PLASTIC GUIDE RINGS



MACHINED DRIVE SPROCKETS - SPLIT
FIXED: STAINLESS STEEL GUIDE RINGS

Z	Ø 23*	Ø 25	Ø 30	Ø 35	Ø 40
ITEM DESCRIPTION					
21	815-21R23M-RMS-FSS	815-21R25M-DMS-FSS	815-21R30M-DMS-FSS	815-21R35M-DMS-FSS	815-21R40M-DMS-FSS
25	815-25R23M-RMS-FSS	815-25R25M-DMS-FSS	815-25R30M-DMS-FSS	815-25R35M-DMS-FSS	815-25R40M-DMS-FSS

Material: polyamide (natural white); screws in stainless steel, bushings in brass, DIN 6885 key seat.
* Plain bore (without keyway)

LOOSE GUIDE RINGS: STAINLESS STEEL

	Ø INSIDE	Ø FIXING SCREWS
GRINGK-129-79-SS	79	104
GRINGK-154-104-SS	104	128

Material: stainless steel, screws in stainless steel.
Supply: 4 segments and 12 screws



PLASTIC GUIDE RINGS

MACHINED DRIVE SPROCKETS - SPLIT
FIXED: PLASTIC GUIDE RINGS

Z	Ø 23*	Ø 25	Ø 30	Ø 35	Ø 40
ITEM DESCRIPTION					
21	815-21R23M-RMS-F	815-21R25M-DMS-F	815-21R30M-DMS-F	815-21R35M-DMS-F	815-21R40M-DMS-F
23	815-23R23M-RMS-F	815-23R25M-DMS-F	815-23R30M-DMS-F	815-23R35M-DMS-F	815-23R40M-DMS-F
25	815-25R23M-RMS-F	815-25R25M-DMS-F	815-25R30M-DMS-F	815-25R35M-DMS-F	815-25R40M-DMS-F

Material: polyamide (natural white); screws in stainless steel, bushings in brass, DIN 6885 key seat.
* Plain bore (without keyway)

LOOSE GUIDE RINGS: PLASTIC

BLACK	Ø INSIDE	Ø FIXING SCREWS
GRINGK-129-79-PAB	79	104
GRINGK-142-92-PAB	92	116
GRINGK-154-104-PAB	104	128

Material: reinforced polyamide, screws in stainless steel.
Supply: 4 segments and 12 screws

See also the chains:

See also the sprockets and idler wheels:

- 812-815
11020a 11060a
11030a
11030b

- 881M - 881MO
11040a 11050a
11040b 11050b



Information about this product is only available on our Smart Guide® website.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11100a

8157

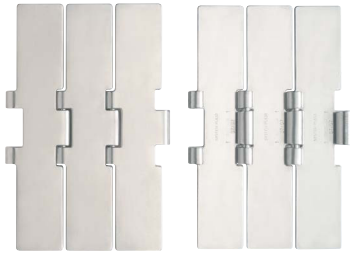
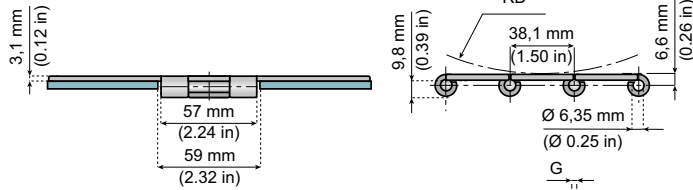
www.SystemPlastSmartGuide.com

STRAIGHT RUNNING CHAINS HEAVY DUTY SINGLE HINGE



Other versions 8157:

VG
Rubber top

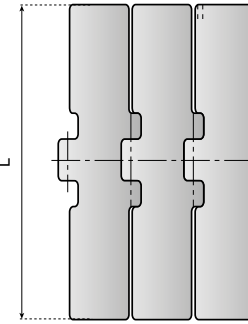


EXTRA PLUS HB

Vacuum hardened stainless steel pins

page code:

73560a ⓘ



TRAVEL →

Advantages:

- High strength
- Helps standardising your conveyor constructions.
- Same hinge width available in many chain types, both steel and plastic; also LBP chains and rubber top chains.

ITEM DESCRIPTION	MATERIAL	MAX. WORKING LOAD		FINISH μm	WIDTH L		G		RD		WEIGHT	
		N	lbs		mm	in	mm	in	mm	in	Kg/m	lbs/ft.
SSE8157-K750	Extra plus	10400	2340	0,3	190,5	7 ½	1,8	0.07	150	5.9	5,6	3.8
SSE8157-K750HB	Extra plus HB											

Standard length: 80 pitches (10 ft. - 3,05 m)

Breaking load according to standard ISO 4348 - DIN 8153

DRIVE SPROCKETS

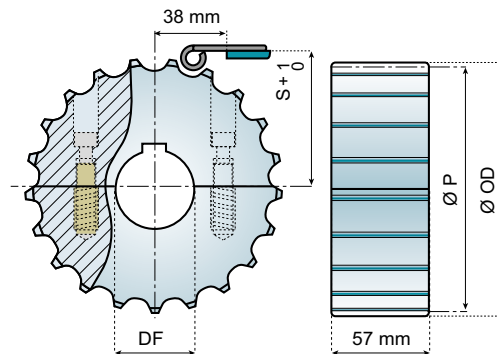
FOR CHAINS 8157 - 8857M - 8857M VG - 8157VG - 8157TAB VG

New design

30990a

Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



See also the chains:

8857 M
11110a
8857 M VG
11160a
8157VG
11180a

Information about this product is only available on our Smart Guide® website.



For machined sprockets with flanges, go to:

ⓘ **111100b**



MACHINED DRIVE SPROCKETS - SPLIT FIXED

Z	Ø 25	Ø 30	Ø 35	Ø 40
	ITEM DESCRIPTION			
17	8157-17R25M-DMS	8157-17R30M-DMS	8157-17R35M-DMS	8157-17R40M-DMS
19	8157-19R25M-DMS	8157-19R30M-DMS	8157-19R35M-DMS	8157-19R40M-DMS
21	8157-21R25M-DMS	8157-21R30M-DMS	8157-21R35M-DMS	8157-21R40M-DMS
23	8157-23R25M-DMS	8157-23R30M-DMS	8157-23R35M-DMS	8157-23R40M-DMS
25	8157-25R25M-DMS	8157-25R30M-DMS	8157-25R35M-DMS	8157-25R40M-DMS
27	8157-27R25M-DMS	8157-27R30M-DMS	8157-27R35M-DMS	8157-27R40M-DMS
29	8157-29R25M-DMS	8157-29R30M-DMS	8157-29R35M-DMS	8157-29R40M-DMS

Z	Ø OD mm	Ø P mm	S mm
17	103,9	105,47	55,9
19	117	117,34	61,9
21	129	129,26	67,8
23	142	141,21	73,8
25	154	153,21	79,8
27	166,8	165,2	85,8
29	178,5	177,24	91,8



Also available: split idler wheels, go to:

ⓘ **111090b**

Material: polyamide (natural white); screws in stainless steel, bushings in brass, DIN 6885 key seat.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	



11100b

www.SystemPlastSmartGuide.com

DRIVE SPROCKETS

FOR CHAINS 8157 - 8857M



STAINLESS STEEL GUIDE RINGS

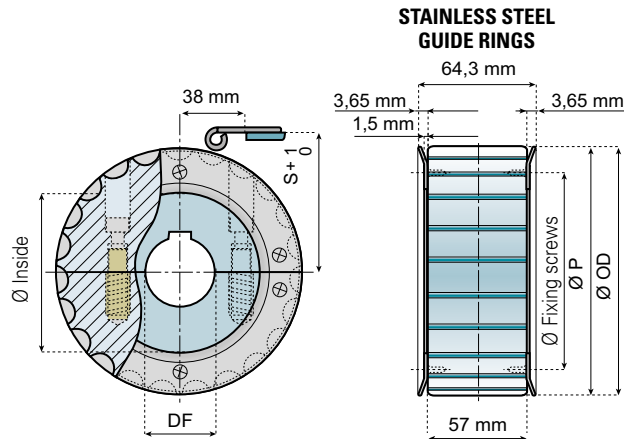
New

New design
30990a

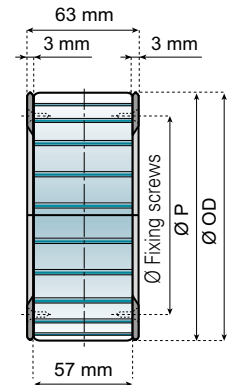
Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.

Z	Ø OD mm	Ø P mm	S mm	Ø INSIDE	Ø FIXING SCREWS
21	129	129,26	67,8	79	104
23	142	141,21	73,8	92	116
25	154	153,21	79,8	104	128



PLASTIC GUIDE RINGS



MACHINED DRIVE SPROCKETS - SPLIT FIXED: STAINLESS STEEL GUIDE RINGS

Z	Ø 23*	Ø 25	Ø 30	Ø 35	Ø 40
	ITEM DESCRIPTION				
21	8157-21R23M-RMS-FSS	8157-21R25M-DMS-FSS	8157-21R30M-DMS-FSS	8157-21R35M-DMS-FSS	8157-21R40M-DMS-FSS
25	8157-25R23M-RMS-FSS	8157-25R25M-DMS-FSS	8157-25R30M-DMS-FSS	8157-25R35M-DMS-FSS	8157-25R40M-DMS-FSS

Material: polyamide (natural white); screws in stainless steel, bushings in brass, DIN 6885 key seat.

* Plain bore (without keyway)

For stainless steel GUIDE RINGS, go to:
111090d



PLASTIC GUIDE RINGS

MACHINED DRIVE SPROCKETS - SPLIT FIXED: PLASTIC GUIDE RINGS

Z	Ø 23*	Ø 25	Ø 30	Ø 35	Ø 40
	ITEM DESCRIPTION				
21	8157-21R23M-RMS-F	8157-21R25M-DMS-F	8157-21R30M-DMS-F	8157-21R35M-DMS-F	8157-21R40M-DMS-F
23	8157-23R23M-RMS-F	8157-23R25M-DMS-F	8157-23R30M-DMS-F	8157-23R35M-DMS-F	8157-23R40M-DMS-F
25	8157-25R23M-RMS-F	8157-25R25M-DMS-F	8157-25R30M-DMS-F	8157-25R35M-DMS-F	8157-25R40M-DMS-F

Material: polyamide (natural white); screws in stainless steel, bushings in brass, DIN 6885 key seat.

* Plain bore (without keyway)

For plastic GUIDE RINGS, go to:
111090d

Also available: idler wheels, go to:
111090b



See also the chains:

8157
11100a
8857 M
11110a
8857 M VG
11160a



See also the sprockets and idler wheels:

11100a



Information about this product is only available on our Smart Guide® website.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

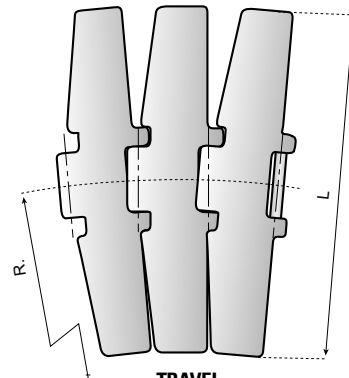
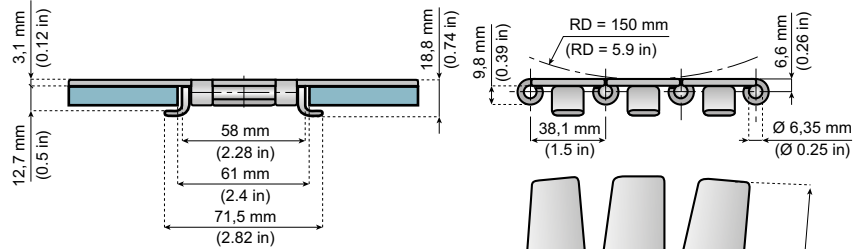
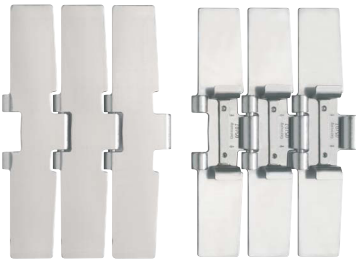


11110a

8857 TAB

SIDEFLEXING CHAINS HEAVY DUTY

www.SystemPlastSmartGuide.com



EXTRA PLUS HB

Vacuum hardened stainless steel pins

page code:

73560a

Advantages:

High strength

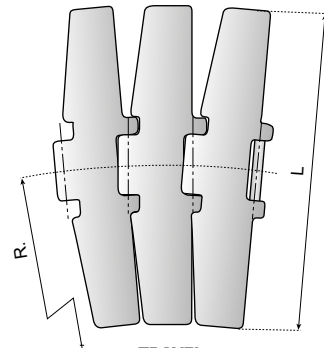
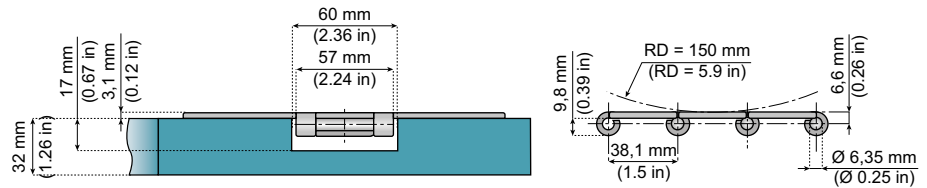


ITEM DESCRIPTION	MATERIAL	MAX. WORKING LOAD		FINISH μm	WIDTH L		R MIN.		WEIGHT	
		N	lbs		mm	in	mm	in	Kg/m	lbs/ft.
SSE8857TAB-K750HB	Extra plus HB	10400	2340	0,3	190,5	7 ½	750	29.5	6,1	4.1

Standard length: 80 pitches (10 ft. - 3,05 m)

8857M

SIDEFLEXING CHAINS FOR MAGNETIC SYSTEM HEAVY DUTY



EXTRA PLUS HB

Vacuum hardened stainless steel pins

page code:

73560a



Information about this product is only available on our Smart Guide® website.

Other versions 8857M:

VG Rubber top



Advantages:

- All advantages of the magnetic system.
- High strength.
- Helps standardising your conveyor constructions.
- Same hinge width available in many chain types, both steel and plastic; also LBP chains and rubber top chains.



ITEM DESCRIPTION	MATERIAL	MAX. WORKING LOAD		FINISH μm	WIDTH L		R MIN.		WEIGHT	
		N	lbs		mm	in	mm	in	Kg/m	lbs/ft.
SSE8857M-K750	Extra plus	10400	2340	0,3	190,5	7 ½	750	29.5	5,3	3.6
SSE8857M-K750HB	Extra plus HB									

Standard length: 80 pitches (10 ft. - 3,05 m)

Breaking load according to standard ISO 4348 - DIN 8153

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11120a

802 - 805

www.SystemPlastSmartGuide.com

STRAIGHT RUNNING CHAINS DOUBLE HINGE

EXTRA PLUS HB
Vacuum hardened stainless steel pins

page code: **73560a**

Hardened carbon steel
Austenitic stainless steel:

11030b

Other versions 805:
VG Rubber top

Information about this product is only available on our Smart Guide® website.

Advantages:

- Very high strength.
- For heavy duty applications.

ITEM DESCRIPTION	MATERIAL	MAX. WORKING LOAD		FINISH μm	WIDTH L		G		RD		WEIGHT	
		N	lbs		mm	in	mm	in	mm	in	Kg/m	lbs/ft.
SS802-K750	STANDARD	10300	2620	0,6	190,5	7 ½	1,8	0,07	150	5,9	5,8	3,9
SSE805-K750	Extra plus	15000	3370	0,3	190,5	7 ½	1,8	0,07	150	5,9	5,8	3,9
SSER805-K750							2,8	0,11	75	2,9	5,7	3,8
SSE805-K750HB	Extra plus HB	15000	3370				1,8	0,07	150	5,9	5,8	3,9

DRIVE AND RETURN SPROCKETS

800 - 802 - 805(VG) - 821

New design

30990a

Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



For chains 821:

11320a



For machined sprockets with flanges, go to:

111120b

Z	MACHINED DRIVE SPROCKETS - SPLIT FIXED				
	Ø 23*	Ø 25	Ø 30	Ø 35	Ø 40
19	-	800-19R25M-DMS	800-19R30M-DMS	800-19R35M-DMS	800-19R40M-DMS
21	-	800-21R25M-DMS	800-21R30M-DMS	800-21R35M-DMS	800-21R40M-DMS
23	-	800-23R25M-DMS	800-23R30M-DMS	800-23R35M-DMS	800-23R40M-DMS
25	-	800-25R25M-DMS	800-25R30M-DMS	800-25R35M-DMS	800-25R40M-DMS
27	-	800-27R25M-DMS	800-27R30M-DMS	800-27R35M-DMS	800-27R40M-DMS
29	-	800-29R25M-DMS	800-29R30M-DMS	800-29R35M-DMS	800-29R40M-DMS

Z	MACHINED RETURN SPROCKETS - SPLIT				
	800-19R23M-RMS	800-19R25M-RMS	800-19R30M-RMS	800-19R35M-RMS	800-19R40M-RMS
19	800-19R23M-RMS	800-19R25M-RMS	800-19R30M-RMS	800-19R35M-RMS	800-19R40M-RMS
21	800-21R23M-RMS	800-21R25M-RMS	800-21R30M-RMS	800-21R35M-RMS	800-21R40M-RMS
23	800-23R23M-RMS	800-23R25M-RMS	800-23R30M-RMS	800-23R35M-RMS	800-23R40M-RMS
25	800-25R23M-RMS	800-25R25M-RMS	800-25R30M-RMS	800-25R35M-RMS	800-25R40M-RMS
27	800-27R23M-RMS	800-27R25M-RMS	800-27R30M-RMS	800-27R35M-RMS	800-27R40M-RMS
29	800-29R23M-RMS	800-29R25M-RMS	800-29R30M-RMS	800-29R35M-RMS	800-29R40M-RMS

Z	Ø OD mm	Ø P mm	S mm
19	117	117,34	61,9
21	129	129,26	67,8
23	142	141,21	73,8
25	154	153,21	79,8
27	166,8	165,2	85,8
29	178,5	177,24	91,8

Material: polyamide (natural white); screws in stainless steel, bushings in brass, DIN 6885 key seat. * Plain bore

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	



Information about this product is only available on our Smart Guide® website.

11120b

www.SystemPlastSmartGuide.com

DRIVE SPROCKETS

FOR CHAINS 800 - 802 - 805 (VG)

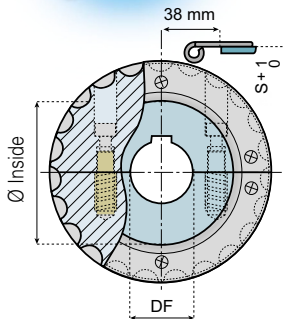
New design

30990a

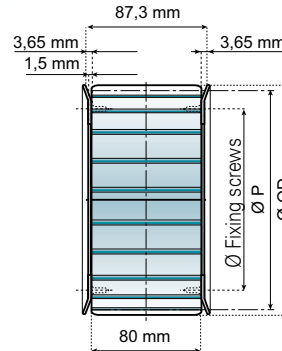
Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.

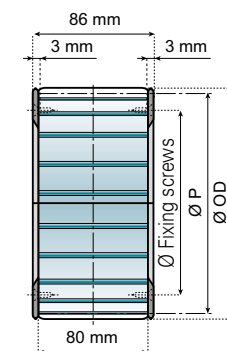
New



STAINLESS STEEL GUIDE RINGS



PLASTIC GUIDE RINGS



Z	Ø OD mm	Ø P mm	S mm	Ø INSIDE	Ø FIXING SCREWS
21	129	129,26	67,8	79	104
23	142	141,21	73,8	92	116
25	154	153,21	79,8	104	128



See also the chains:



11120a

See also the sprockets:



11120a

MACHINED DRIVE SPROCKETS - SPLIT FIXED: STAINLESS STEEL GUIDE RINGS					
Z	Ø 23*	Ø 25	Ø 30	Ø 35	Ø 40
ITEM DESCRIPTION					
21	800-21R23M-RMS-FSS	800-21R25M-DMS-FSS	800-21R30M-DMS-FSS	800-21R35M-DMS-FSS	800-21R40M-DMS-FSS
25	800-25R23M-RMS-FSS	800-25R25M-DMS-FSS	800-25R30M-DMS-FSS	800-25R35M-DMS-FSS	800-25R40M-DMS-FSS

For stainless steel GUIDE RINGS, go to:

111090d

MACHINED DRIVE SPROCKETS - SPLIT FIXED: PLASTIC GUIDE RINGS					
Z	Ø 23*	Ø 25	Ø 30	Ø 35	Ø 40
ITEM DESCRIPTION					
21	800-21R23M-RMS-F	800-21R25M-DMS-F	800-21R30M-DMS-F	800-21R35M-DMS-F	800-21R40M-DMS-F
23	800-23R23M-RMS-F	800-23R25M-DMS-F	800-23R30M-DMS-F	800-23R35M-DMS-F	800-23R40M-DMS-F
25	800-25R23M-RMS-F	800-25R25M-DMS-F	800-25R30M-DMS-F	800-25R35M-DMS-F	800-25R40M-DMS-F

For plastic GUIDE RINGS, go to:

111090d

Material: polyamide (natural white); screws in stainless steel, bushings in brass, DIN 6885 key seat. * Plain bore (without keyway)

IDLER WHEELS

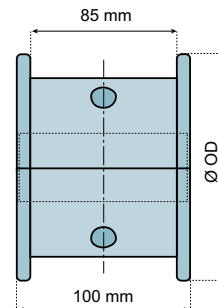
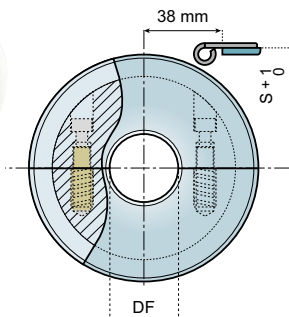
FOR CHAINS 800 - 802 - 805 - 805VG

New design

30990a

Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



See also the chains:



11120a

See also the sprockets:



11120a

MACHINED IDLER WHEELS - SPLIT					
Z	Ø 20	Ø 25	Ø 30	Ø 35	Ø 40
ITEM DESCRIPTION					
19	800-19R20M-WMS	800-19R25M-WMS	800-19R30M-WMS	800-19R35M-WMS	800-19R40M-WMS
21	800-21R20M-WMS	800-21R25M-WMS	800-21R30M-WMS	800-21R35M-WMS	800-21R40M-WMS
23	800-23R20M-WMS	800-23R25M-WMS	800-23R30M-WMS	800-23R35M-WMS	800-23R40M-WMS
25	800-25R20M-WMS	800-25R25M-WMS	800-25R30M-WMS	800-25R35M-WMS	800-25R40M-WMS
27	800-27R20M-WMS	800-27R25M-WMS	800-27R30M-WMS	800-27R35M-WMS	800-27R40M-WMS
29	800-29R20M-WMS	800-29R25M-WMS	800-29R30M-WMS	800-29R35M-WMS	800-29R40M-WMS

Z	Ø OD mm	S mm
19	117	62,6
21	129,8	68,6
23	142,2	74,6
25	154,7	80,5
27	167,2	86,5
29	179,3	92,8

Material: polyamide (natural white); screws in stainless steel, bushings in brass.

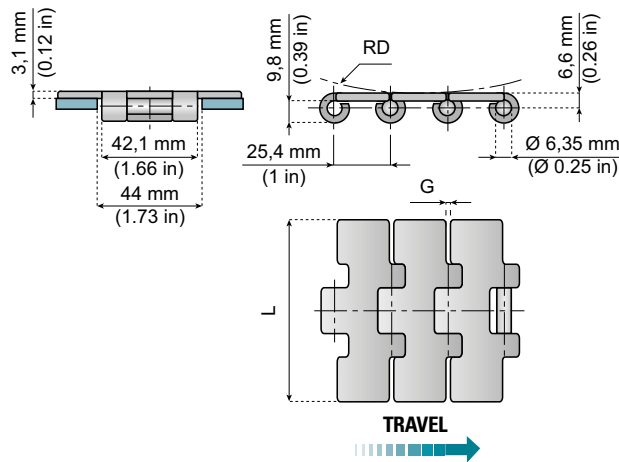
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11130a

515

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STRAIGHT RUNNING CHAINS SINGLE HINGE (PITCH 1" - 25,4 mm)



Advantages:

- Small pitch offering short product transfers.

ITEM DESCRIPTION	MATERIAL	MAX. WORKING LOAD		FINISH μm	WIDTH L		G		RD		WEIGHT	
		N	lbs		mm	in	mm	in	mm	in	Kg/m	lbs/ft.
SSE515-K217	EXTRA	5.200	1170	0,3	55,0	2 11/64	1,6	0.06	100	3.9	2,3	1.5
SSE515-K236					60,0	2 27/64					2,4	1.6
SSE515-K250					63,5	2 1/2					2,5	1.7
SSE515-K283					72,0	2 27/32					2,7	1.8
SSE515-K325					82,5	3 1/4					2,9	2.0
SSE515-K350					88,9	3 1/2					3,0	2.0
SSE515-K400					101,6	4					3,3	2.2

Standard length: 120 pitches (10 ft. - 3,05 m)

Breaking load according to standard ISO 4348 - DIN 8153

DRIVE AND RETURN SPROCKETS

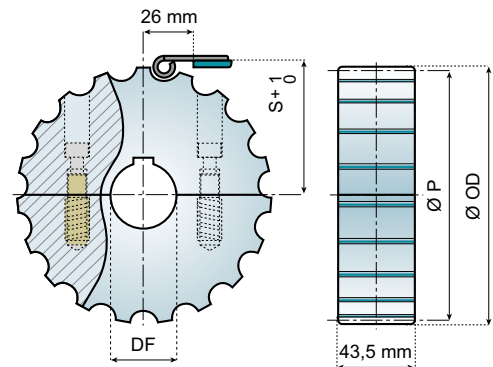
FOR CHAINS 515

Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



Z	MACHINED DRIVE SPROCKETS - SPLIT FIXED			
	Ø 23*	Ø 25	Ø 30	Ø 40
	ITEM DESCRIPTION			
13	-	515-13R25M-DMS	515-13R30M-DMS	515-13R40M-DMS
15	-	515-15R25M-DMS	515-15R30M-DMS	515-15R40M-DMS
17	-	515-17R25M-DMS	515-17R30M-DMS	515-17R40M-DMS
18	-	515-18R25M-DMS	515-18R30M-DMS	515-18R40M-DMS
19	-	515-19R25M-DMS	515-19R30M-DMS	515-19R40M-DMS
21	-	515-21R25M-DMS	515-21R30M-DMS	515-21R40M-DMS
23	-	515-23R25M-DMS	515-23R30M-DMS	515-23R40M-DMS
25	-	515-25R25M-DMS	515-25R30M-DMS	515-25R40M-DMS



Z	MACHINED RETURN SPROCKETS - SPLIT			
	515-13R23M-RMS	515-13R25M-RMS	515-13R30M-RMS	515-13R40M-RMS
13	515-13R23M-RMS	515-13R25M-RMS	515-13R30M-RMS	515-13R40M-RMS
15	515-15R23M-RMS	515-15R25M-RMS	515-15R30M-RMS	515-15R40M-RMS
17	515-17R23M-RMS	515-17R25M-RMS	515-17R30M-RMS	515-17R40M-RMS
18	515-18R23M-RMS	515-18R25M-RMS	515-18R30M-RMS	515-18R40M-RMS
19	515-19R23M-RMS	515-19R25M-RMS	515-19R30M-RMS	515-19R40M-RMS
21	515-21R23M-RMS	515-21R25M-RMS	515-21R30M-RMS	515-21R40M-RMS
23	515-23R23M-RMS	515-23R25M-RMS	515-23R30M-RMS	515-23R40M-RMS
25	515-25R23M-RMS	515-25R25M-RMS	515-25R30M-RMS	515-25R40M-RMS

Z	Ø OD mm	Ø P mm	S mm
13	106,1	108,0	57,2
15	122,2	124,0	65,2
17	138,2	138,2	72,3
18	146,4	146,3	76,4
19	155,7	154,3	80,4
21	173,0	170,4	88,4
23	190,0	186,5	96,5
25	204,0	202,7	104,6



Material: polyamide (natural white); screws in stainless steel, bushings in brass, DIN 6885 key seat. *Plain bore

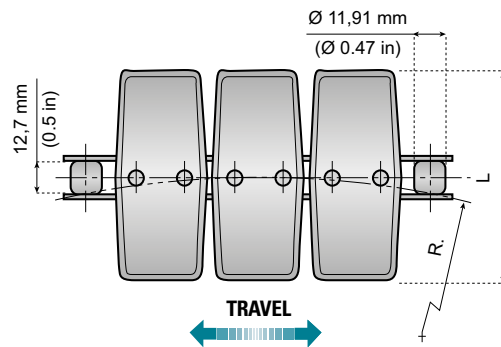
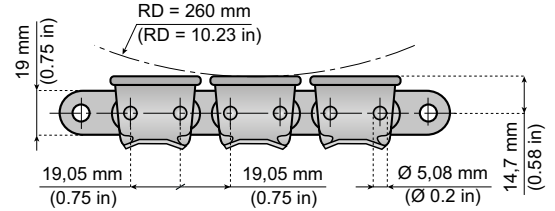
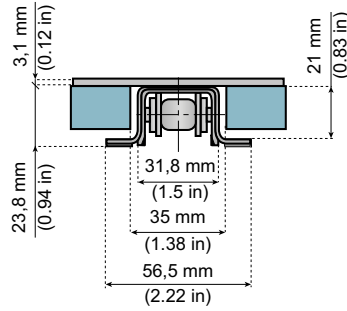
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11140a

1874

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SIDEFLEXING PLATE TOP CHAINS WITH BASE ROLLER CHAINS (PITCH 3/4" - 19,05 mm)



Advantages:

- High speed
- Very high loads
- Longer conveyors
- Flights removable
- Lower noise
- No chain elongation

50160a

ITEM DESCRIPTION	MATERIAL		MAX. WORKING LOAD		FINISH µm	WIDTH L		R MIN.		WEIGHT	
	PLATE	ROLLER CHAIN	N	lbs		mm	in	mm	in	Kg/m	lbs/ft.
1874TAB-K325	C45	C45	27000	6080	0,6	82,5	3 ¼	380	15	4,2	2.8
1874SS-TAB-K325	EXTRA	Austenitic	21000	4730							
1874A-TAB-K325		C45	27000	6080							

Standard length: 160 pitches (10 ft. - 3,05 m) - 80 Flights

Breaking load according to standard ISO 4348 - DIN 8153

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11150a

815 VG - 815 VG TAB

www.SystemPlastSmartGuide.com

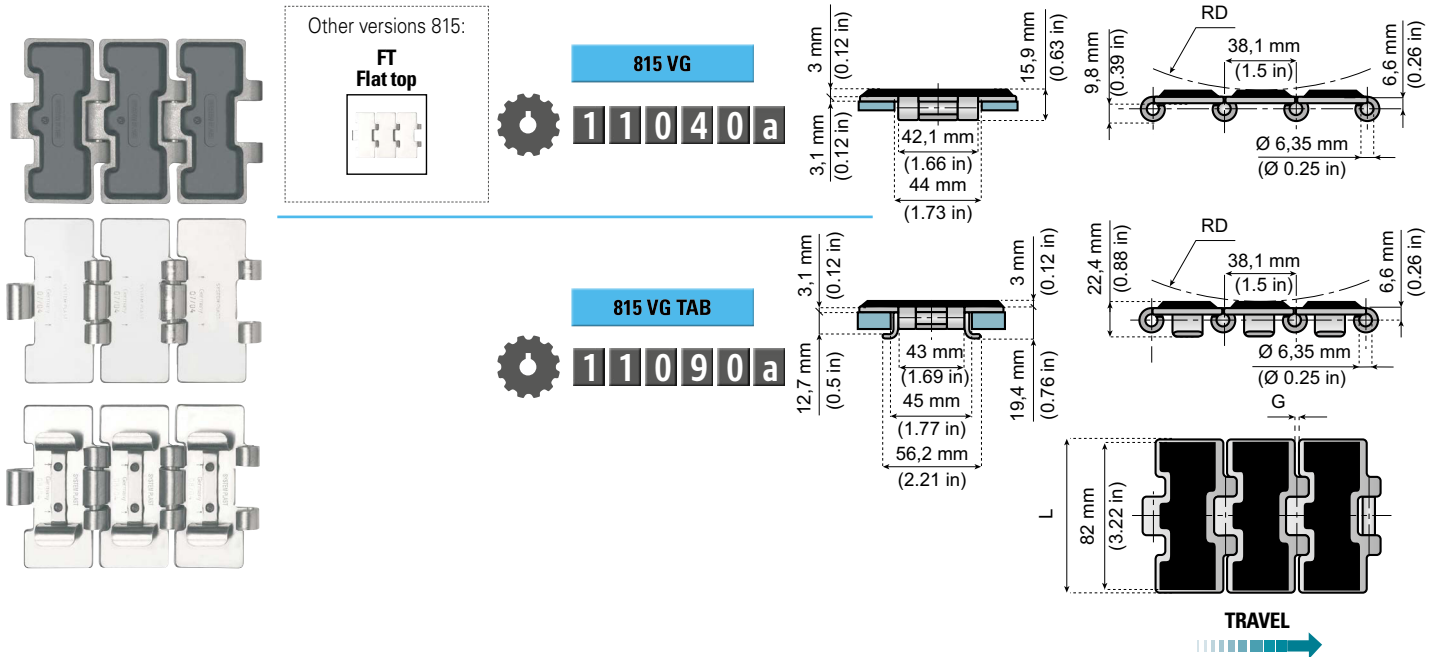
STRAIGHT RUNNING CHAINS WITH HIGH FRICTION SURFACE



Characteristics:

Flat top chains with vulcanized NBR rubber.

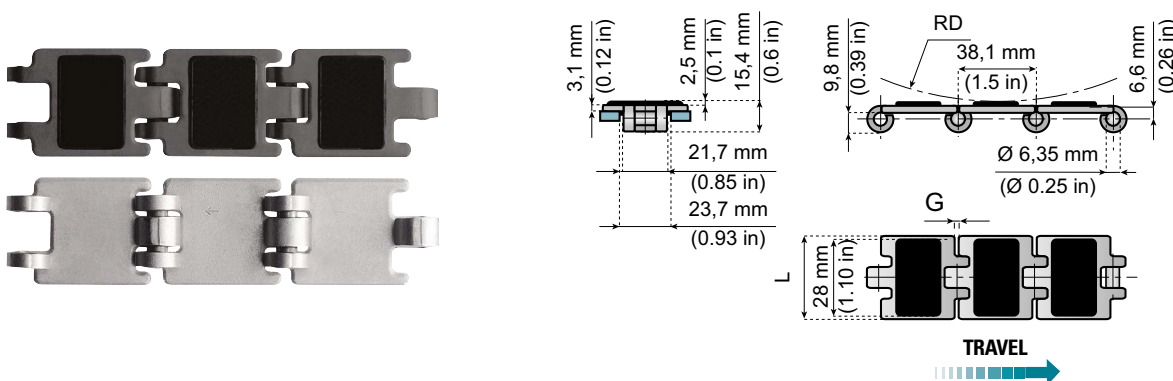
Tabs reduce friction on the return section of the conveyor.



ITEM DESCRIPTION	MATERIAL		MAX. WORKING LOAD		WIDTH L		G		RD		WEIGHT	
	CHAIN	RUBBER	N	lbs	mm	in	mm	in	mm	in	Kg/m	lbs/ft.
SSER815-K325HBVG	Extra plus HB	NBR	6000	1350	82,5	3 ¼	2,8	0.11	75	2.9	2,8	1.9
SSER815TAB-K325HBVG											3,4	2.3

814 VG

STRAIGHT RUNNING CHAINS WITH HIGH FRICTION SURFACE



Characteristics:

Flat top chains with vulcanized NBR rubber.

11150b



Information about this product is only available on our Smart Guide® website.

ITEM DESCRIPTION	MATERIAL		MAX. WORKING LOAD		WIDTH L		G		RD		WEIGHT	
	CHAIN	RUBBER	N	lbs	mm	in	mm	in	mm	in	Kg/m	lbs/ft.
SSER814-K125VG	Extra plus	NBR	4000	900	31,8	1 ¼	2,8	0.11	75	2.9	1,2	0.8

Standard length: 80 pitches (10 ft. - 3,05 m)

Breaking load according to standard ISO 4348 - DIN 8153

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11150b

DRIVE AND RETURN SPROCKETS

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FOR CHAINS 814 (VG)

New design

30990a

Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.

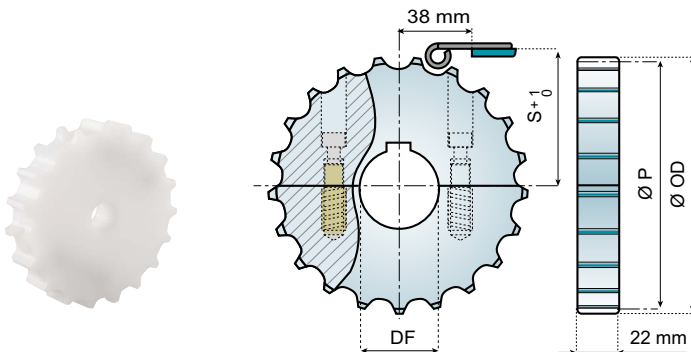


See also the chains:

814 VG MINI

11150a

Z	Ø OD mm	Ø P mm	S mm
19	117	117,34	61,9
21	129	129,26	67,8
23	142	141,21	73,8
25	154	153,21	79,8



FOR CHAIN 814 VG MINI

Z	Ø 25	Ø 30	Ø 35	Ø 40
	ITEM DESCRIPTION			
19	814-19R25M-DMS	814-19R30M-DMS	814-19R35M-DMS	814-19R40M-DMS
21	814-21R25M-DMS	814-21R30M-DMS	814-21R35M-DMS	814-21R40M-DMS
23	814-23R25M-DMS	814-23R30M-DMS	814-23R35M-DMS	814-23R40M-DMS
25	814-25R25M-DMS	814-25R30M-DMS	814-25R35M-DMS	814-25R40M-DMS

Material: polyamide (natural white); screws in stainless steel, bushings in brass, DIN 6885 key seat.

Z	Ø 23*	Ø 25	Ø 30	Ø 35	Ø 40
	ITEM DESCRIPTION				
19	814-19R23M-RMS	814-19R25M-RMS	814-19R30M-RMS	814-19R35M-RMS	814-19R40M-RMS
21	814-21R23M-RMS	814-21R25M-RMS	814-21R30M-RMS	814-21R35M-RMS	814-21R40M-RMS
23	814-23R23M-RMS	814-23R25M-RMS	814-23R30M-RMS	814-23R35M-RMS	814-23R40M-RMS
25	814-25R23M-RMS	814-25R25M-RMS	814-25R30M-RMS	814-25R35M-RMS	814-25R40M-RMS

Material: polyamide (natural white); screws in stainless steel, bushings in brass. *Plain bore

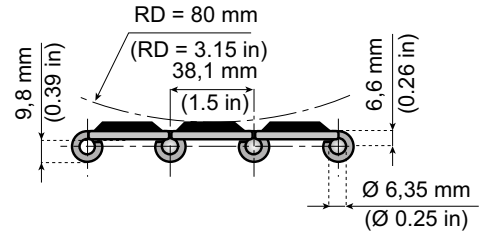
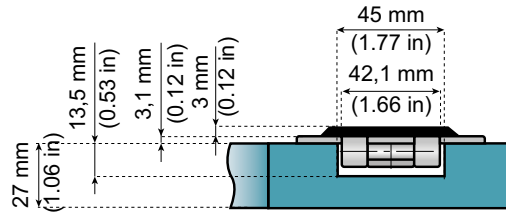
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11160a

881 MO VG

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SIDEFLEXING CHAINS WITH HIGH FRICTION SURFACE FOR MAGNETIC CURVES

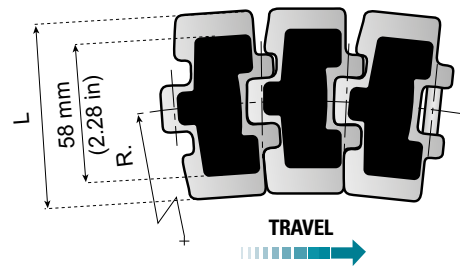


Characteristics:

Sideflexing chains with vulcanized NBR rubber.
All advantages of the magnetic system.

High strength.

Other versions 881MO:



11090a

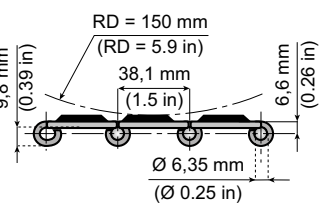
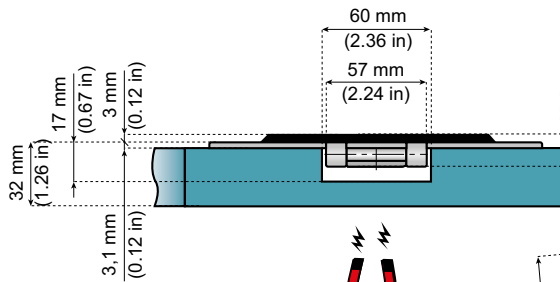


50010a

ITEM DESCRIPTION	MATERIAL		MAX. WORKING LOAD		WIDTH L		R MIN.		WEIGHT	
	CHAIN	RUBBER	N	lbs	mm	in	mm	in	Kg/m	lbs/ft.
SSE881MO-K325VG	Extra plus	NBR	6000	1350	82,5	3 ¼	500	19.7	2,6	1.7

8857 M VG

SIDEFLEXING CHAINS WITH HIGH FRICTION SURFACE FOR MAGNETIC CURVES



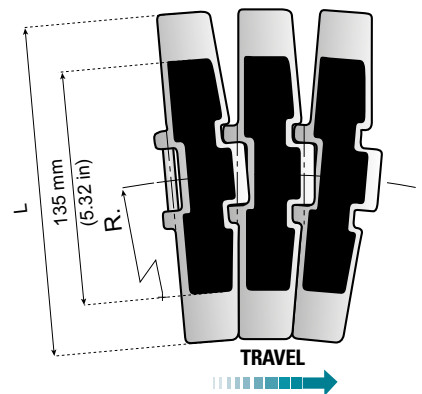
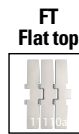
Characteristics:

Sideflexing chains with vulcanized NBR rubber.

Advantages:

- All advantages of the magnetic system.
- High strength.
- Helps standardising your conveyor constructions.
- Same hinge width available in many chain types, both steel and plastic, also LBP chains and flat top chains.

Other versions 8857M:



Information about this product is only available on our Smart Guide® website.

EXTRA PLUS HB

Vacuum hardened stainless steel pins

page code:

73560a



50060a



11100a

ITEM DESCRIPTION	MATERIAL		MAX. WORKING LOAD		WIDTH L		R MIN.		WEIGHT	
	CHAIN	RUBBER	N	lbs	mm	in	mm	in	Kg/m	lbs/ft.
SSE8857M-K750HBVG	Extra plus HB	NBR	10400	2340	190,5	7 ½	750	29.5	5,7	3.8

Standard length: 80 pitches (10 ft. - 3,05 m)

Breaking load according to standard ISO 4348 - DIN 8153

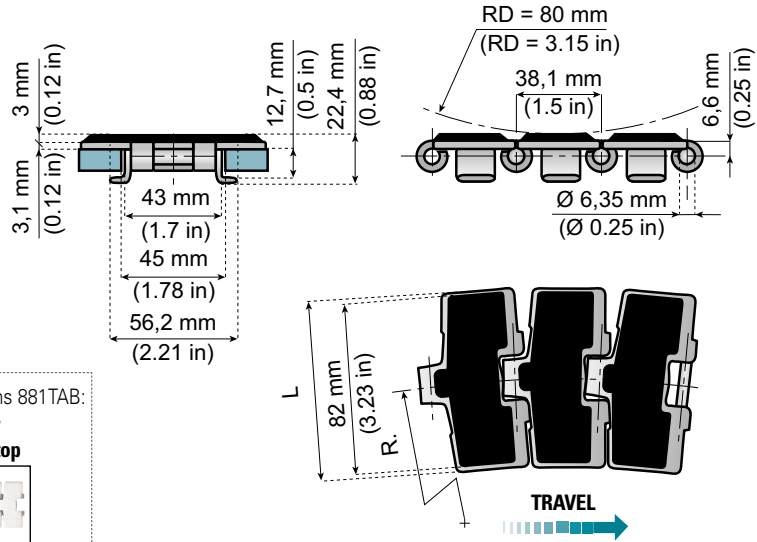
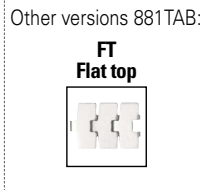
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11170a

881 TAB VG

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SIDEFLEXING CHAINS WITH HIGH FRICTION SURFACE



Characteristics:

- Sideflexing chains with vulcanized NBR rubber.
- Tabs reduce friction on the return section of the conveyor.



11090a



50110a

ITEM DESCRIPTION	MATERIAL		MAX. WORKING LOAD		WIDTH L		R MIN.		WEIGHT	
	CHAIN	RUBBER	N	lbs	mm	in	mm	in	Kg/m	lbs/ft.
SSE881TAB-K325VG	EXTRA	NBR	4850	1090	82,5	3 ¼	500	19.7	3,1	2.1

Standard length: 80 pitches (10 ft. - 3,05 m)

Breaking load according to standard ISO 4348 - DIN 8153

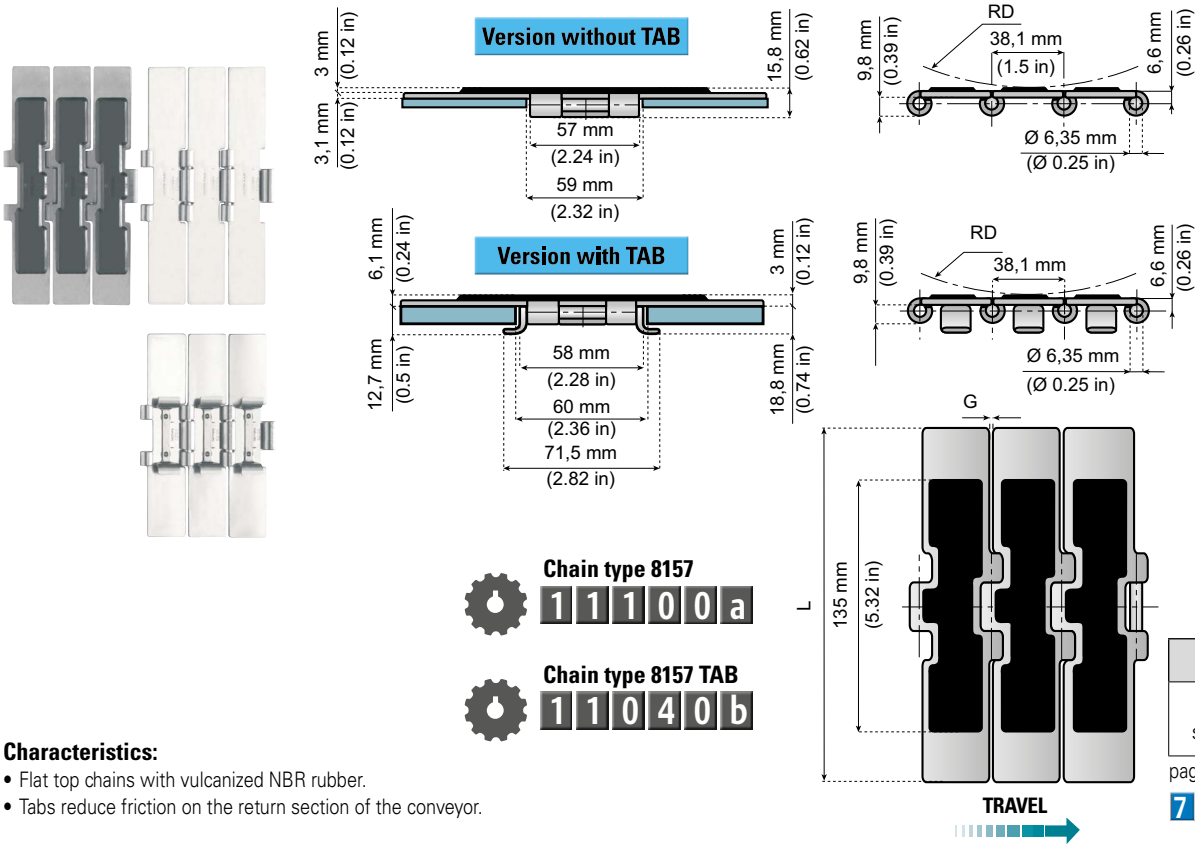
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11180a

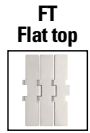
8157 VG - 8157 TAB VG

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STRAIGHT RUNNING CHAINS WITH HIGH FRICTION SURFACE



Other versions 8157:



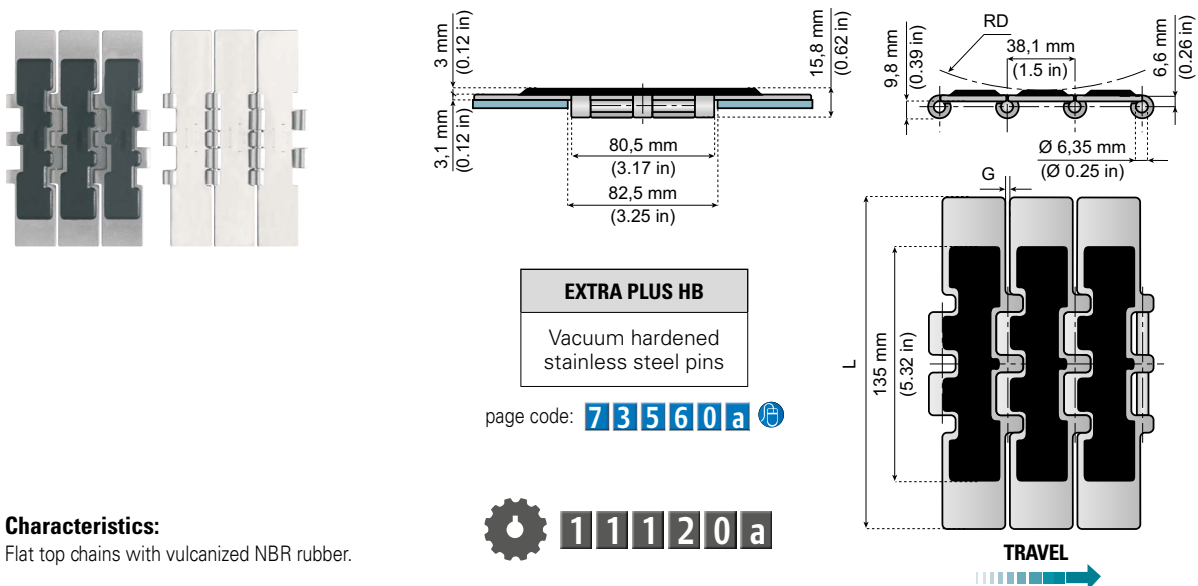
Characteristics:

- Flat top chains with vulcanized NBR rubber.
- Tabs reduce friction on the return section of the conveyor.

ITEM DESCRIPTION	MATERIAL		MAX. WORKING LOAD		WIDTH L		G		RD		WEIGHT	
	CHAIN	RUBBER	N	lbs	mm	in	mm	in	mm	in	Kg/m	lbs/ft.
SSE8157-K750HBVG	Extra plus HB	NBR	10400	2340	190,5	7 ½	1,8	0.07	150	5.9	6,0	4.0
SSE8157TAB-K750HBVG											7,5	5.0

805 VG

STRAIGHT RUNNING CHAINS WITH HIGH FRICTION SURFACE



Characteristics:

- Flat top chains with vulcanized NBR rubber.

ITEM DESCRIPTION	MATERIAL		MAX. WORKING LOAD		WIDTH L		G		RD		WEIGHT	
	CHAIN	RUBBER	N	lbs	mm	in	mm	in	mm	in	Kg/m	lbs/ft.
SSE805-K750HBVG	Extra plus HB	NBR	15000	3370	190,5	7 ½	1,8	0.07	150	5.9	6,2	4.2

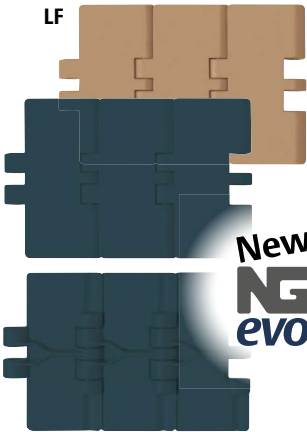
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11190a

820 - 820P - 831

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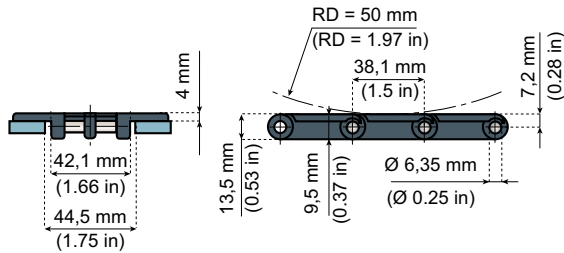
STRAIGHT RUNNING CHAINS



New
NGE820
evo

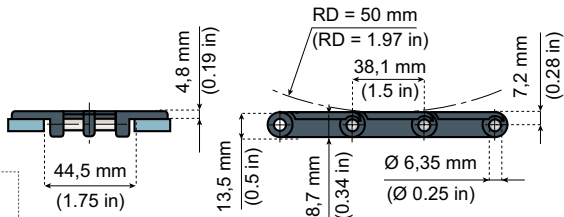
NGE820 evo conveyor components made from engineered plastic resin
 Longer wearlife than acetal
 Lower friction than acetal
 Good chemical resistance
 High abrasion resistance
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
 Less dust than with acetal chains
 More.....

820 - 820P



831

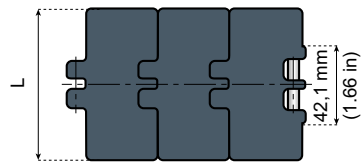
Top plate thickness 4,8 mm



Other versions 831:

VG
Rubber top

LBP
(low pressure)



Note:
 The 831 series has a top plate of 4,8 mm giving long wear life.
 It also simplifies conveyor design when matching chains from the series 821 879 - 882 - 8257 - 882 M.

Pin material:
 Austenitic steel (SPM) or plastic pin (PPM).

AS	Other materials
Anti-static Acetal Resin	

11050a
 11200a

ITEM DESCRIPTION	MATERIAL PLATE	PIN MATERIAL	BREAKING LOAD		WIDTH L		WEIGHT					
			N	lbs	mm	in	Kg/m	lbs/ft.				
NGE820-K250	NGE Grey Blue	SPM	4500	1000	63,5	2 ½	0,8	0.5				
NGE820-K325					82,5	3 ¼	0,9	0.6				
NGE820-K330					83,8	3 19/64	0,9	0.6				
NGE820-K350					88,9	3 ½	0,9	0.6				
NGE820-K400					101,6	4	1	0.7				
NGE820-K450					114,3	4 ½	1	0.7				
NGE820-K600					152,4	6	1,3	0.8				
NGE820-K750					190,5	7 ½	1,5	1.0				
NGE820P-K325					PPM (POM-White)	PPM	1700	380	82,5	3 ¼	0,8	0.5
NGE820P-K450									114,3	4 ½	1	0.7
NGE820P-K750	190,5	7 ½	1,4	1.0								
LF820-K250	LF Brown	SPM	5000	1030					63,5	2 ½	0,8	0.5
LF820-K325					82,5	3 ¼	0,9	0.6				
LF820-K330					83,8	3 19/64	0,9	0.6				
LF820-K350					88,9	3 ½	0,9	0.6				
LF820-K400					101,6	4	1	0.7				
LF820-K450					114,3	4 ½	1	0.7				
LF820-K600					152,4	6	1,3	0.8				
LF820-K750					190,5	7 ½	1,5	1.0				
NGE831-K325					NGE Grey Blue	SPM	4500	1000	82,5	3 ¼	1	0.7
NGE831-K450									114,3	4 ½	1,3	0.9
NGE831-K750	190,5	7 ½	1,8	1.2								
LF831-K325	LF Brown	SPM	5000	1030	82,5	3 ¼	1	0.7				
LF831-K450					114,3	4 ½	1,3	0.9				
LF831-K750					190,5	7 ½	1,8	1.2				

Standard length: 80 pitches (10 ft. - 3,05 m)

Breaking load according to standard ISO 4348 - DIN 8153

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	



11200a

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DRIVE SPROCKETS

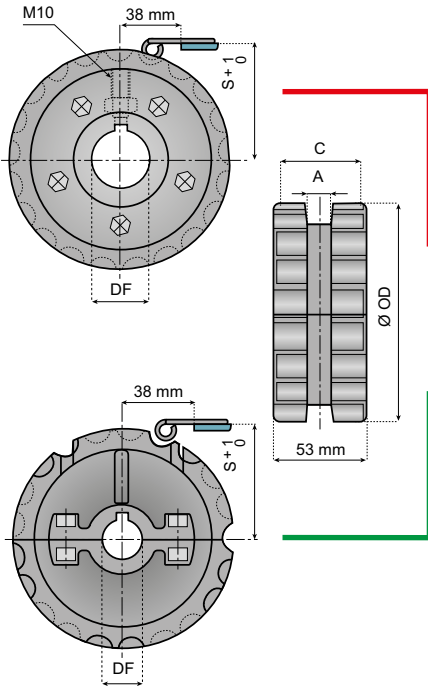
FOR CHAINS 820 (P) - 831 (VG-LBP)



Features:

- Split versions: quick and easy replacement.
- Foolproof design.
- Excellent wear and chemical resistance.
- Recyclable.

Z	A mm	C mm
17	13	44
19	16	44
21	16	45
23	16	45
25	16	45



MOLDED DRIVE SPROCKETS - ONE PIECE TIGHT

Z	Ø 25	Ø 30	Ø 35	Ø 40	Ø 45
ITEM DESCRIPTION					
17	820-17R25M-D	820-17R30M-D	-	-	-
19	820-19R25M-D	820-19R30M-D	820-19R35M-D	820-19R40M-D	-

MOLDED DRIVE SPROCKETS - SPLIT FIXED

21	820-21R25M-DS	820-21R30M-DS	820-21R35M-DS	820-21R40M-DS	820-21R45M-DS
23	820-23R25M-DS	820-23R30M-DS	820-23R35M-DS	820-23R40M-DS	-
25	820-25R25M-DS	820-25R30M-DS	820-25R35M-DS	820-25R40M-DS	820-25R45M-DS

Material: reinforced polyamide (black); screws in stainless steel, nuts in nickel plated brass, DIN 6885 key seat.

Z	Ø OD mm	Ø P mm	S mm
17	103,9	105,47	55,9
19	117	117,34	61,9
21	129	129,26	67,8
23	142	141,21	73,8
25	154	153,21	79,8
27	166,8	165,2	85,8
29	178,5	177,24	91,8



See also:

11050a
11200b



Other chains:

820- 820P - 831
11190a

831 VG
11380a



Information about this product is only available on our Smart Guide® website.

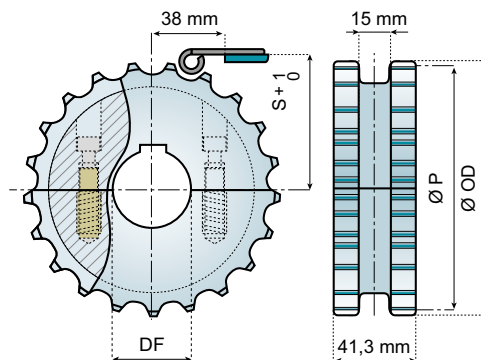


New design

30990a

Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



MACHINED DRIVE SPROCKETS - SPLIT FIXED

Z	Ø 25	Ø 30	Ø 35	Ø 40	Ø 45
ITEM DESCRIPTION					
17	820-17R25M-DMS	820-17R30M-DMS	820-17R35M-DMS	820-17R40M-DMS	-
19	820-19R25M-DMS	820-19R30M-DMS	820-19R35M-DMS	820-19R40M-DMS	-
21	820-21R25M-DMS	820-21R30M-DMS	820-21R35M-DMS	820-21R40M-DMS	820-21R45M-DMS
23	820-23R25M-DMS	820-23R30M-DMS	820-23R35M-DMS	820-23R40M-DMS	820-23R45M-DMS
25	820-25R25M-DMS	820-25R30M-DMS	820-25R35M-DMS	820-25R40M-DMS	820-25R45M-DMS
27	820-27R25M-DMS	820-27R30M-DMS	820-27R35M-DMS	820-27R40M-DMS	-
29	820-29R25M-DMS	820-29R30M-DMS	820-29R35M-DMS	820-29R40M-DMS	-

Material: polyamide (natural white); screws in stainless steel, bushings in brass, DIN 6885 key seat.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

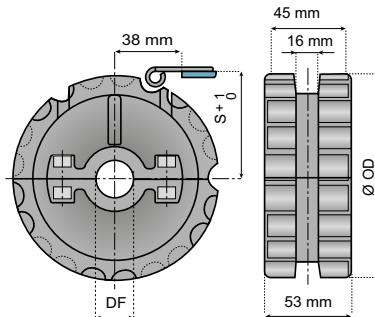


11200b

DRIVE AND RETURN SPROCKETS

FOR CHAINS 820 (P) - 831 (VG-LBP)

www.SystemPlastSmartGuide.com



Features:

- Split versions: quick and easy replacement.
- Foolproof design.
- Excellent wear and chemical resistance.
- Recyclable.

MOLDED RETURN SPROCKETS - SPLIT					
Z	Ø 25	Ø 30	Ø 35	Ø 40	Ø 45
ITEM DESCRIPTION					
21	820-21R25M-RS	820-21R30M-RS	820-21R35M-RS	820-21R40M-RS	820-21R45M-RS
23	820-23R25M-RS	820-23R30M-RS	820-23R35M-RS	820-23R40M-RS	-
25	820-25R25M-RS	820-25R30M-RS	820-25R35M-RS	820-25R40M-RS	820-25R45M-RS

Material: reinforced polyamide (black); screws in stainless steel, nuts in nickel plated brass, DIN 6885 key seat.



See also the chains:

820 - 820P - 831

11190a

See also the sprockets and idler wheels:

11050a

11200a

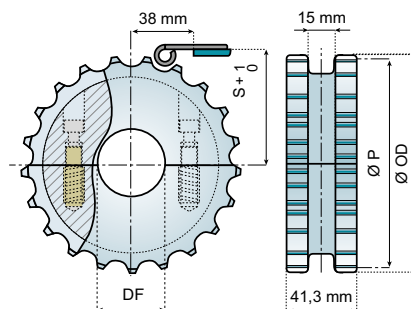


New design

30990a

Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



MACHINED RETURN SPROCKETS - SPLIT					
Z	Ø 23*	Ø 25	Ø 30	Ø 35	Ø 40
ITEM DESCRIPTION					
17	820-17R23M-RMS	820-17R25M-RMS	820-17R30M-RMS	820-17R35M-RMS	820-17R40M-RMS
19	820-19R23M-RMS	820-19R25M-RMS	820-19R30M-RMS	820-19R35M-RMS	820-19R40M-RMS
21	820-21R23M-RMS	820-21R25M-RMS	820-21R30M-RMS	820-21R35M-RMS	820-21R40M-RMS
23	820-23R23M-RMS	820-23R25M-RMS	820-23R30M-RMS	820-23R35M-RMS	820-23R40M-RMS
25	820-25R23M-RMS	820-25R25M-RMS	820-25R30M-RMS	820-25R35M-RMS	820-25R40M-RMS
27	820-27R23M-RMS	820-27R25M-RMS	820-27R30M-RMS	820-27R35M-RMS	820-27R40M-RMS
29	820-29R23M-RMS	820-29R25M-RMS	820-29R30M-RMS	820-29R35M-RMS	820-29R40M-RMS

Material: polyamide (natural white); screws in stainless steel, bushings in brass, DIN 6885 key seat. * Plain bore



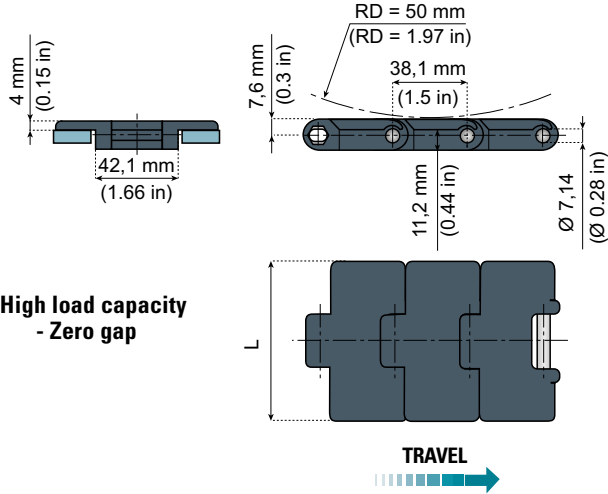
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11210a

828

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STRAIGHT RUNNING CHAINS



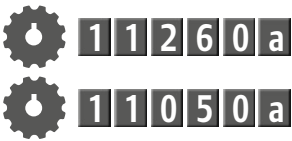
- High load capacity
- Zero gap

NG® evo conveyor components
made from engineered plastic resin
Longer wearlife than acetal
Lower friction than acetal
Good chemical resistance
High abrasion resistance
It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
Less dust than with acetal chains
More.....

Features:

- Standardization
- Identical sprockets as sideflexing chains
- Standard conveyor construction
- High load capacity
- Particularly suitable for accumulation tables as well as for pressure-less combiners
- Improved product stability
- Reduced gap between adjacent tracks
- Better topplate flatness in the hinge area

Pin material: Austenitic steel



ITEM DESCRIPTION	MATERIAL PLATE	BREAKING LOAD		WIDTH L		WEIGHT	
		N	lbs	mm	in	Kg/m	lbs/ft.
NGE828-K325	NGE	5400	1200	82,5	3 ¼	1,1	0.7
NGE828-K330	Grey Blue			83,8	3 19/64		
LF828-K325	LF	6000	1350	82,5	3 ¼	1,1	0.7
LF828-K330	Brown			83,8	3 19/64		

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

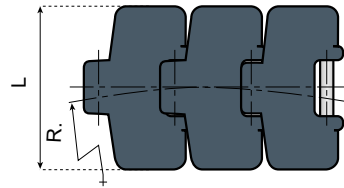
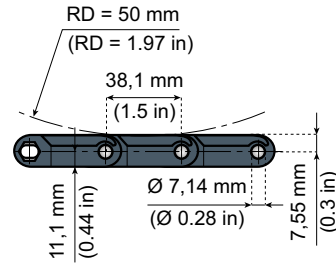
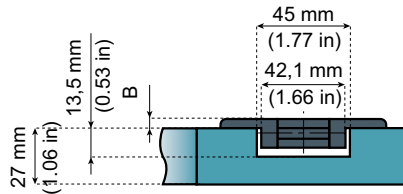


11220a

879M - 880M

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SIDEFLEXING CHAINS FOR MAGNETIC SYSTEM



Nolu®-S curves

are strongly recommended with these chains!

NG® evo conveyor components made from engineered plastic resin

- Longer wearlife than acetal
- Lower friction than acetal
- Good chemical resistance
- High abrasion resistance
- It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
- Less dust than with acetal chains
- More.....

ITEM DESCRIPTION	MATERIAL PLATE	BREAKING LOAD		WIDTH L		B THICKNESS		R MIN.		WEIGHT	
		N	lbs	mm	in	mm	in	mm	in	Kg/m	lbs/ft.
NGE880M-K325	NGE Grey Blue	5100	1150	82,5	3 ¼	4	0.16	500	19.7	1,1	0.7
NGE880M-K330				83,8	3 19/64					1,1	0.7
NGE880M-K450				114,3	4 ½					1,2	0.8
NGE880M-K750				190,5	7 ½					1,5	1.0
LF880M-K325	LF Brown	5700	1280	82,5	3 ¼	4	0.16	500	19.7	1,1	0.7
LF880M-K330				83,8	3 19/64					1,1	0.7
LF880M-K450				114,3	4 ½					1,2	0.8
LF880M-K750				190,5	7 ½					1,5	1.0
NGE879M-K325	NGE Grey Blue	5100	1150	82,5	3 ¼	4,8	0.19	500	19.7	1,2	0.8
NGE879M-K450				114,3	4 ½					1,3	0.8
LF879M-K325	LF Brown	5700	1280	82,5	3 ½	4,8	0.19	500	19.7	1,2	0.8
LF879M-K450				114,3	4 ½					1,3	0.8

Standard length: 80 pitches (10 ft. - 3,05 m)

Breaking load according to standard ISO 4348 - DIN 8153

See also:



Information about this product is only available on our Smart Guide® website.

Other versions 879 M:

VG Rubber top	LBP (low pressure)

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

1 1 2 3 0 a

877 TAB - 878 TAB - 879 TAB - 880 TAB

SIDEFLEXING CHAINS WITH TAB

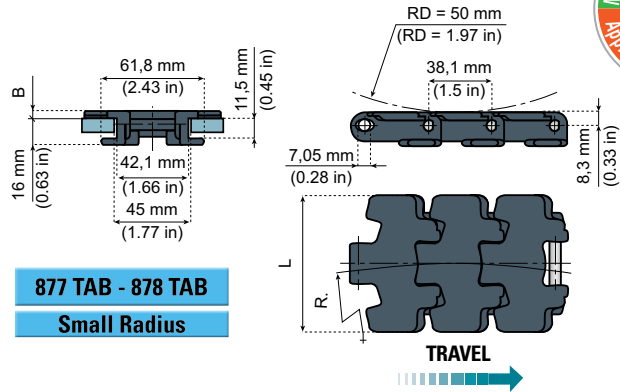


NG® evo conveyor components
made from engineered plastic resin
 Longer wearlife than acetal
 Lower friction than acetal
 Good chemical resistance
 High abrasion resistance
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
 Less dust than with acetal chains
 More.....



Corner disk

1 1 2 7 0 a



877 TAB - 878 TAB

Small Radius



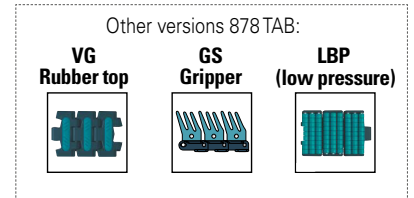
Characteristics:

The new 878 TAB series enables the designer and the manufacturer of sideflexing conveyors to reduce the radius of the curves. This chain is suitable for solving conveying problems in confined spaces. Can also be used where products are conveyed on an incline or decline and accumulation may occur. The characteristics of this chain make this product unique in its design.

Pin material: Austenitic steel.

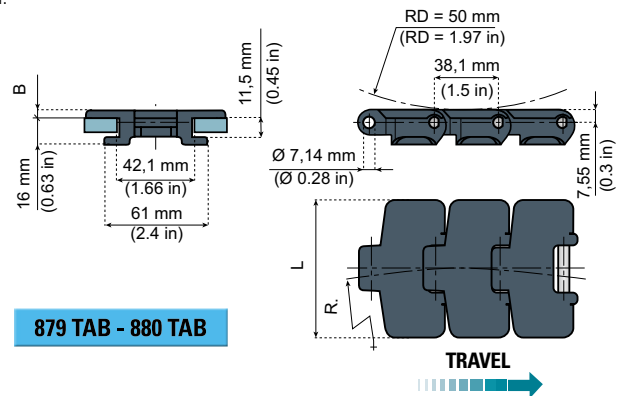
Advantages:

- Small sideflexing radius R=190 mm (877 TAB and 878 TAB only).
- Tangential engagement.
- Specially shaped flights to improve the contact between the product and chain.
- Small gap between flights for high product stability.



Nolu®-S curves

are strongly recommended with these chains!



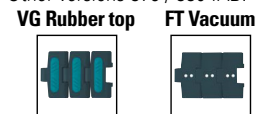
879 TAB - 880 TAB



See also the sprockets and idler wheels:

1 1 2 6 0 a

Other versions 879 / 880 TAB:



Note:

The 879 TAB series has a top plate of 4,8 mm giving long wear life. It also simplifies conveyor design when matching chains from the series 821, 831, 8257 and 882.

Pin material: Austenitic steel

ITEM DESCRIPTION	MATERIAL PLATE	BREAKING LOAD		WIDTH L		B THICKNESS		R MIN.		WEIGHT	
		N	lbs	mm	in	mm	in	mm	in	Kg/m	lbs/ft.
LF877TAB-K325	LF Brown	6000	1350	82,5	3 ¼	4	0.16	190	7.5	1,0	0.7
LF878TAB-K325	LF Brown	6000	1350	82,5	3 ¼	4,8	0.19	190	7.5	1,1	0.7
LF878TAB-K450				114,3	4 ½					1,2	0.8
NGE879TAB-K325	NGE Grey Blue	5400	1200	82,5	3 ¼	4,8	0.19	500	19.7	1,0	0.7
NGE879TAB-K450				114,3	4 ½					1,1	0.8
LF879TAB-K325	LF Brown	6000	1350	82,5	3 ¼	4,8	0.19	500	19.7	1,0	0.7
LF879TAB-K450				114,3	4 ½					1,1	0.8
NGE880TAB-K325	NGE Grey Blue	5400	1200	82,5	3 ¼	4	0.16	500	19.7	1,0	0.6
NGE880TAB-K330				83,8	3 19/64					1,0	0.6
NGE880TAB-K350				88,9	3 ½					1,0	0.7
NGE880TAB-K450				114,3	4 ½					1,1	0.7
LF880TAB-K325	LF Brown	6000	1350	82,5	3 ¼	4	0.16	500	19.7	1,0	0.6
LF880TAB-K330				83,8	3 19/64					1,0	0.6
LF880TAB-K350				88,9	3 ½					1,0	0.7
LF880TAB-K450				114,3	4 ½					1,1	0.7

Standard length: 80 pitches (10 ft. - 3,05 m)

Breaking load according to standard ISO 4348 - DIN 8153

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

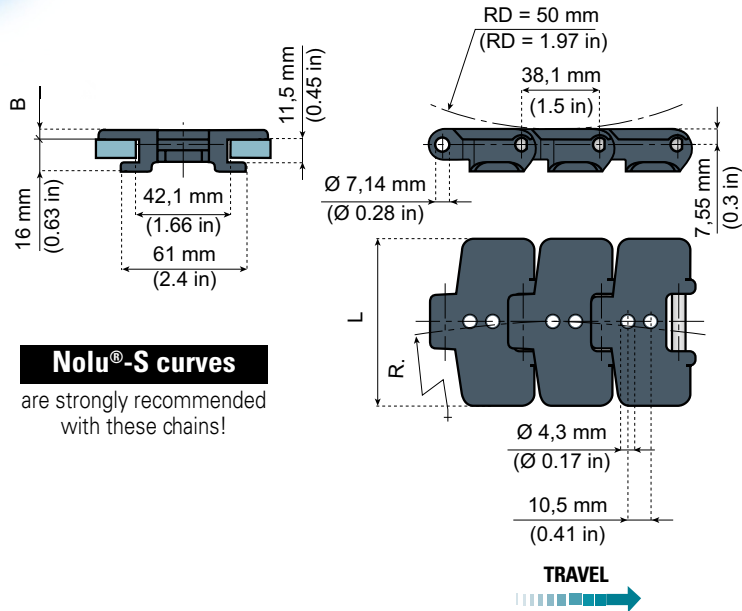
1 1 2 3 5 a

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880 TAB - VACUUM

SIDEFLEXING CHAINS WITH TAB - VACUUM

New



Nolu®-S curves
are strongly recommended
with these chains!

NG® *evo* conveyor components
made from engineered plastic resin
Longer wearlife than acetal
Lower friction than acetal
Good chemical resistance
High abrasion resistance
It meets the requirement for materials as
stated by EC1935/2004 and FDA CFR21
norms for direct food contact
Less dust than with acetal chains
More.....

Pin material: Austenitic steel.

Advantages:

- Specially shaped flights to improve the contact between the product and chain.
- Small gap between flights to improve product stability.

See also the sprockets
and idler wheels:

1 1 2 6 0 a

5 0 1 1 0 a

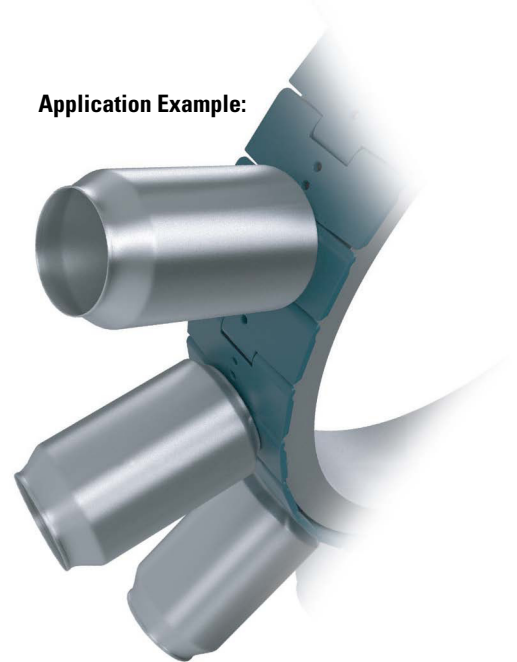
Other versions 879 / 880 TAB:

VG Rubber top

FT Flat top



Application Example:



ITEM DESCRIPTION	MATERIAL PLATE	BREAKING LOAD		WIDTH L		B THICKNESS		R MIN.		WEIGHT	
		N	lbs	mm	in	mm	in	mm	in	Kg/m	lbs/ft.
NGE880TAB-K325VAC43X2	NGE Grey Blue	5400	1200	82,5	3 ¼	4	0.16	500	19.7	1,0	0.6

Standard length: 80 pitches (10 ft. - 3,05 m)

Breaking load according to standard ISO 4348 - DIN 8153

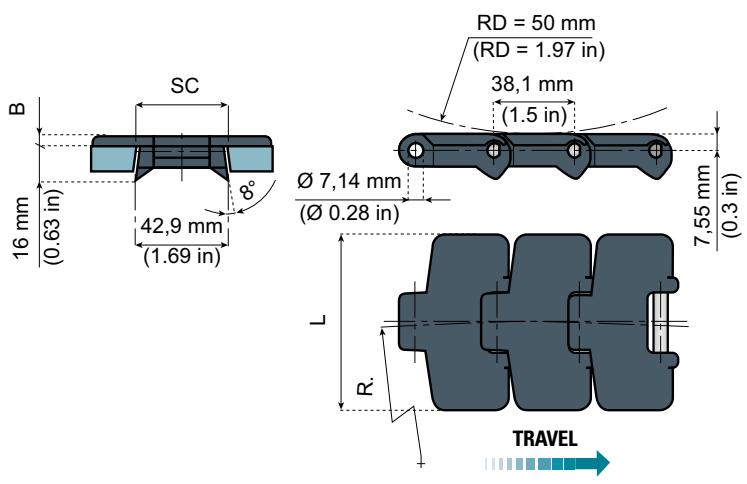
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

1 1 2 4 0 a

879 - 880

www.SystemPlastSmartGuide.com

SIDEFLEXING CHAINS



NG® evo conveyor components
made from engineered plastic resin
 Longer wearlife than acetal
 Lower friction than acetal
 Good chemical resistance
 High abrasion resistance
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
 Less dust than with acetal chains
 More.....

Note:
 The 879 series has a thicker top plate (4,8 mm) giving much more wear life.
 It also simplifies conveyor design when matching chains from the series 821, 831, 8257 and 882.

Nolu®-S curves
 are strongly recommended
 with these chains!

Pin material: Austenitic steel.

Also available in low bevel version (11 mm), go to:

1 1 2 4 0 b

ITEM DESCRIPTION	MATERIAL PLATE	PIN MATERIAL	BREAKING LOAD		WIDTH L		B THICKNESS		R MIN.		SC				WEIGHT			
			N	lbs	mm	in	mm	in	mm	in	STRAIGHT		CURVING		Kg/m	lbs/ft.		
											mm	in	mm	in				
NGE880-K325	NGE Grey Blue	SPM	5400	1200	82,5	3 ¼	4	0.16	500	19.7	44,5	1.8	41,3	1.62	0,9	0.6		
NGE880-K350					88,9	3 ½											0,9	0.6
NGE880-K450					114,3	4 ½											1,0	0.7
LF880-K325	LF Brown	SPM	6000	1350	82,5	3 ¼	4	0.16	500	19.7	44,5	1.8	41,3	1.62	0,9	0.6		
LF880-K350					88,9	3 ½											0,9	0.6
LF880-K450					114,3	4 ½											1,0	0.7
NGE879-K325	NGE Grey Blue	SPM	5400	1200	82,5	3 ¼	4,8	0.19	500	19.7	44,5	1.8	41,3	1.62	0,9	0.6		
NGE879-K450					114,3	4 ½									1,1	0.7		
LF879-K325	LF Brown	SPM	6000	1350	82,5	3 ¼	4,8	0.19	500	19.7	44,5	1.8	41,3	1.62	0,9	0.6		
LF879-K450					114,3	4 ½									1,1	0.7		

Standard length: 80 pitches (10 ft. - 3,05 m)

Breaking load according to standard ISO 4348 - DIN 8153

1 1 2 6 0 a

5 0 1 3 0 a

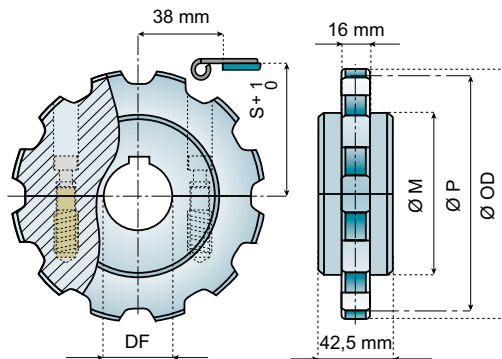
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	



1 1 2 6 0 a

DRIVE AND RETURN SPROCKETS

www.SystemPlastSmartGuide.com FOR CHAINS 828 - 877(TAB) - 878(TAB-VG-LBP) - 879 (M-TAB-LBP) - 880(M-TAB) - 8800P



Z	Ø OD mm	Ø P mm	Ø M mm	S mm
9	108	111,4	78	59,3
10	122	123,3	88	65,25
11	135	135,2	99	71,2
12	147,3	147,2	111	77,2

MACHINED DRIVE SPROCKETS - SPLIT FIXED					
Z	Ø 23*	Ø 25	Ø 30	Ø 35	Ø 40
ITEM DESCRIPTION					
9	-	880-9R25M-DMS	880-9R30M-DMS	880-9R35M-DMS	880-9R40M-DMS
10	-	880-10R25M-DMS	880-10R30M-DMS	880-10R35M-DMS	880-10R40M-DMS
11	-	880-11R25M-DMS	880-11R30M-DMS	880-11R35M-DMS	880-11R40M-DMS
12	-	880-12R25M-DMS	880-12R30M-DMS	880-12R35M-DMS	880-12R40M-DMS

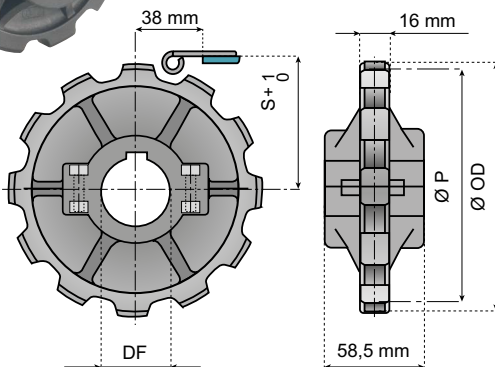
Machined return sprockets - Split					
Z	Ø 23*	Ø 25	Ø 30	Ø 35	Ø 40
9	880-9R23M-RMS	880-9R25M-RMS	880-9R30M-RMS	880-9R35M-RMS	880-9R40M-RMS
10	880-10R23M-RMS	880-10R25M-RMS	880-10R30M-RMS	880-10R35M-RMS	880-10R40M-RMS
11	880-11R23M-RMS	880-11R25M-RMS	880-11R30M-RMS	880-11R35M-RMS	880-11R40M-RMS
12	880-12R23M-RMS	880-12R25M-RMS	880-12R30M-RMS	880-12R35M-RMS	880-12R40M-RMS

Material: polyamide(natural white), screws in stainless steel, bushings in brass, DIN 6885 key seat. *Plain bore

New design 3 0 9 9 0 a

Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



Features:

- Split versions: quick and easy replacement.
- Foolproof design.
- Excellent wear and chemical resistance.
- Recyclable.

MOLDED DRIVE SPROCKETS - SPLIT FIXED				
Z	Ø 25	Ø 30	Ø 35	Ø 40
ITEM DESCRIPTION				
10	880-10R25M-DS	880-10R30M-DS	880-10R35M-DS	880-10R40M-DS
12	880-12R25M-DS	880-12R30M-DS	880-12R35M-DS	880-12R40M-DS

MOLDED RETURN SPROCKETS - SPLIT				
Z	Ø 25	Ø 30	Ø 35	Ø 40
10	880-10R25M-RS	880-10R30M-RS	880-10R35M-RS	880-10R40M-RS
12	880-12R25M-RS	880-12R30M-RS	880-12R35M-RS	880-12R40M-RS

Material: reinforced polyamide (black); screws in stainless steel, nuts in nickel plated brass, DIN 6885 key seat.



See also the chains:

828
1 1 2 1 0 a

879-880
1 1 2 4 0 a

879J-880J
1 1 2 4 0 b

879M-880M
1 1 2 2 0 a

878 TAB GS
1 1 4 3 0 a

878TAB - 879TAB-880TAB
1 1 2 3 0 a

LBP 879 M
1 1 3 5 0 a

878 TAB VG-879 TAB VG
1 1 3 9 0 a

880 VACUUM
1 1 2 3 5 a



See also the sprockets and idler wheels:

1 1 2 6 0 b
1 1 2 6 0 d

Information about this product is only available on our Smart Guide® website.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	



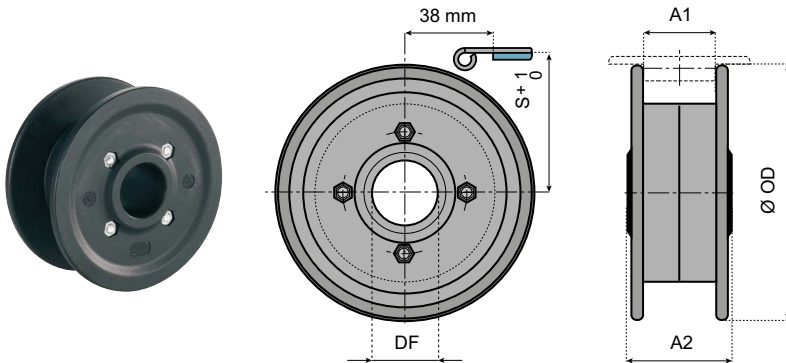
1 1 2 6 0 b

IDLER WHEELS

www.SystemPlastSmartGuide.com FOR CHAINS 828-879-880-880 M-879OP-880OP-LBP831-879M(VG-LBP)-879M VG

Features:

- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



THESE IDLER WHEELS CANNOT BE USED FOR TAB CHAINS

Z	Ø 25	Ø 30	Ø 35	Ø 40
	ITEM DESCRIPTION			
8	FOR THESE IDLER WHEELS GO TO: 1 1 0 5 0 a (MIN Z17 IS SUITABLE)			
9				
10				
11				
12				

Z	A1 mm	A2 mm	Ø OD mm	S mm
8	44	52	106	56,2
9	44	60	118	62,6
10	44	60	129,8	68,6
11	44	60	142,5	74,6
12	44	60	155	80,5

Material: reinforced polyamide (black); screws in stainless steel.
Application: chains series 879 - 879 M - 880 - 880 M



See also the chains:

828

1 1 2 1 0 a

879-880

1 1 2 4 0 b

879 M VG

1 1 3 8 0 a

879-880

1 1 2 4 0 a

LBP831

1 1 3 4 0 a

879M-880M

1 1 2 2 0 a

LBP 879 M

1 1 3 5 0 a



See also the sprockets:

1 1 2 6 0 a



Information about this product is only available on our Smart Guide® website.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11260d

IDLER WHEELS

www.SystemPlastSmartGuide.com

FOR CHAINS 877 (TAB) - 878 (TAB-VG-LBP) - 879 (TAB-VG) - 880TAB

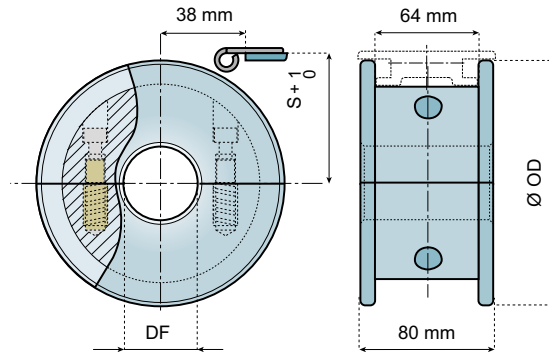


New design

30990a

Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



THESE IDLER WHEELS CAN NOT BE USED FOR:

- LBP 879 M
- 879 M VG
- 879 M - 880 M
- 879 - 880
- 879J-880J

MACHINED IDLER WHEELS - SPLIT

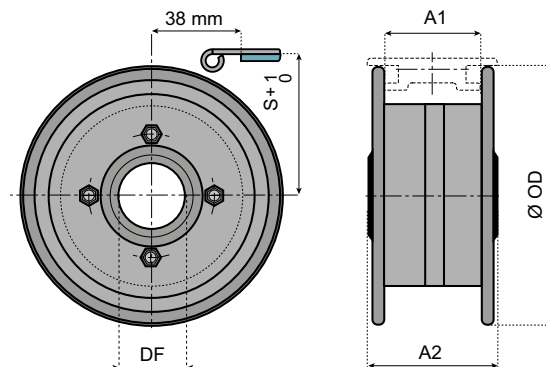
Z	Ø 20	Ø 25	Ø 30	Ø 35	Ø 40
	ITEM DESCRIPTION				
9	880T-9R20M-WMS	880T-9R25M-WMS	880T-9R30M-WMS	880T-9R35M-WMS	880T-9R40M-WMS
10	880T-10R20M-WMS	880T-10R25M-WMS	880T-10R30M-WMS	880T-10R35M-WMS	880T-10R40M-WMS
11	880T-11R20M-WMS	880T-11R25M-WMS	880T-11R30M-WMS	880T-11R35M-WMS	880T-11R40M-WMS
12	880T-12R20M-WMS	880T-12R25M-WMS	880T-12R30M-WMS	880T-12R35M-WMS	880T-12R40M-WMS

Z	Ø OD mm	S mm
9	117,0	62,6
10	129,8	68,6
11	142,2	74,6
12	154,7	80,5

Material: polyamide (natural white); screws in stainless steel, bushings in brass.

Features:

- Completely closed structure, easier to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



MOLDED IDLER WHEELS - ONE PIECE FOR TAB CHAINS

Z	Ø 25	Ø 30	Ø 35	Ø 40
	ITEM DESCRIPTION			
9	880T-9R25M-W	880T-9R30M-W	880T-9R35M-W	880T-9R40M-W
10	880T-10R25M-W	880T-10R30M-W	880T-10R35M-W	880T-10R40M-W
11	880T-11R25M-W	880T-11R30M-W	880T-11R35M-W	880T-11R40M-W
12	880T-12R25M-W	880T-12R30M-W	880T-12R35M-W	880T-12R40M-W

Z	A1 mm	A2 mm	Ø OD mm	S mm
9	64	80	118	62,6
10	64	80	129,8	68,6
11	64	80	142,5	74,6
12	64	80	155	80,5

Material: reinforced polyamide (black); screws in stainless steel.



See also the chains:

878TAB - 879 TAB - 880 TAB

11230a

880 VACUUM

11235a

LBP 878 TAB

11350a

878 TAB VG - 879 TAB VG

11390a

878 TAB GS

11430a



See also the sprockets:

11260a



Information about this product is only available on our Smart Guide® website.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11270a

DRIVE DISK - MOLDED VERSION

www.SystemPlastSmartGuide.com

FOR CHAINS 877 TAB - 878 TAB- LBP 878 TAB - 878 TAB VG



Material: polyamide.
Colour: black.

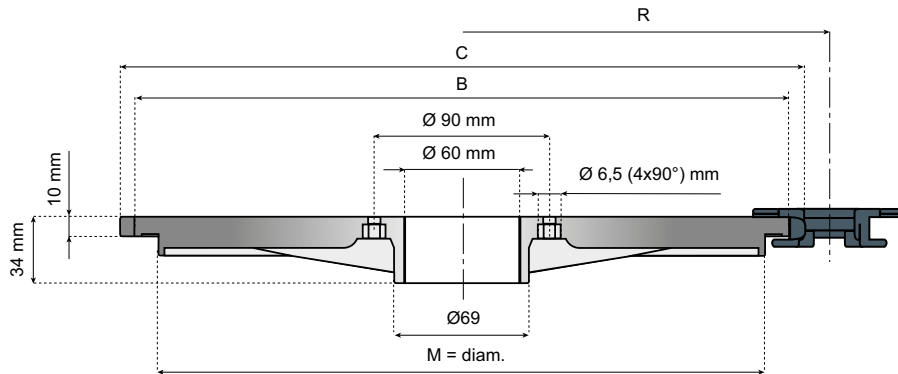
ITEM DESCRIPTION	Z	B mm	C mm	Ø M mm	R mm
878-380R60M-D	32	336,0	352,0	311,0	190
878-400R60M-D	34	358,5	373,5	333,5	200

Hub for tangential sprockets

Material: aluminium.

Packaging:

- 1 hub for tangential sprockets.
- 4 screws M6 in stainless steel.
- 4 nuts in stainless steel.

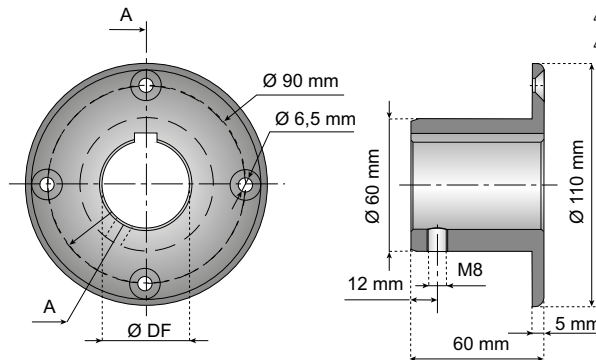


877 TAB - 878 TAB
11230a

878 TAB VG
11390a

LBP 878 TAB
11350a

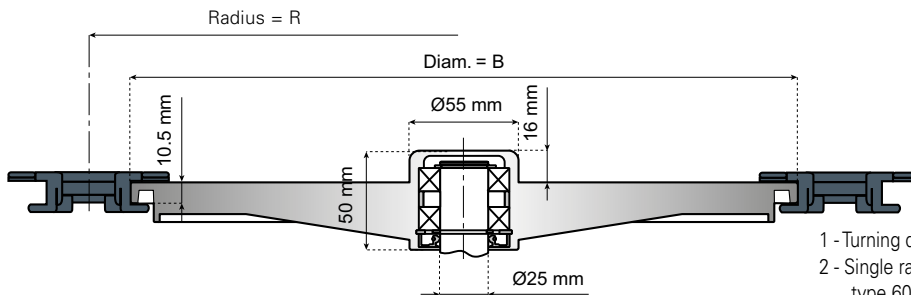
Information about this product is only available on our Smart Guide® website.



*Plain bore

ITEM DESCRIPTION	Ø DF mm
HUB110-60R18M	18*
HUB110-60R25M	25
HUB110-60R30M	30
HUB110-60R40M	40

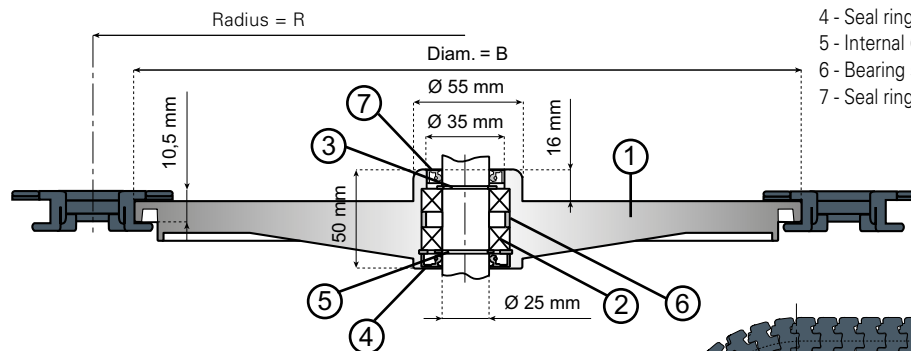
TURNING DISKS FOR CHAINS 877 & 878 TAB - MOLDED VERSION



Closed Version

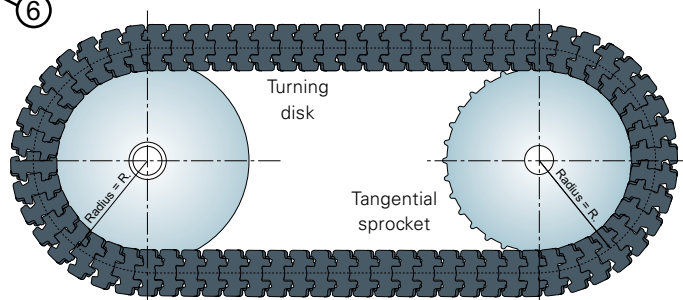
ITEM DESCRIPTION	Z	B mm	R mm
878-380R25M-RC	32	337	190
878-400R25M-RC	34	357	200

- 1 - Turning disk.
- 2 - Single race radial ball bearing with two sliding seals, type 6005-2RS (25x47x12).
- 3 - External (retaining) ring, Ø 25 DIN 471.
- 4 - Seal ring with dust cover, 25x47x7 DIN 3760 (NBR rubber).
- 5 - Internal (retaining) ring, Ø 47 DIN 472.
- 6 - Bearing spacer.
- 7 - Seal ring with dust cover, 25x35x7 DIN 3760 (NBR rubber).



Open Version

ITEM DESCRIPTION	Z	B mm	R mm
878-380R25M-RB	32	337	190
878-400R25M-RB	34	357	200



The use of tangential sprockets and turning disks enables the design of compact conveying systems with a great number of curves. It becomes easy to realise circuits either on the same level or staggered, inclined or downclined.

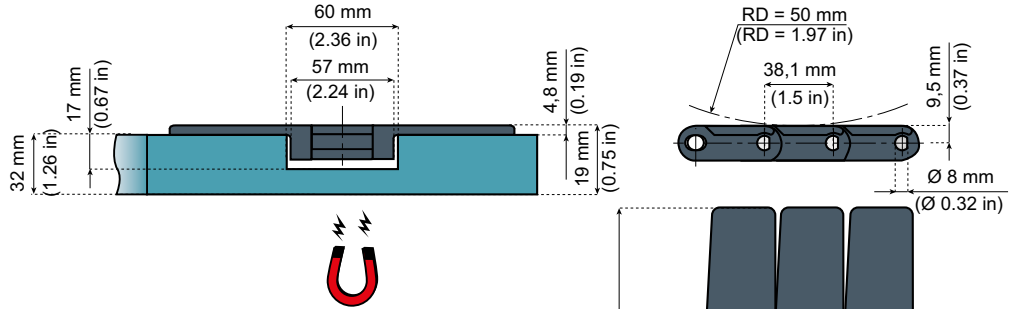
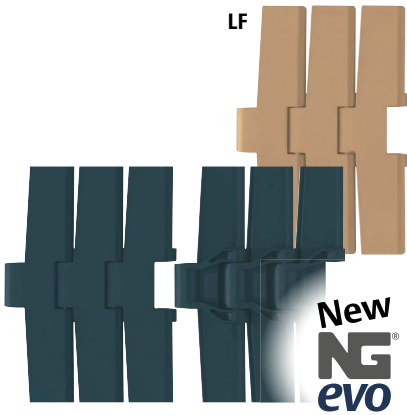
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11280a

882M

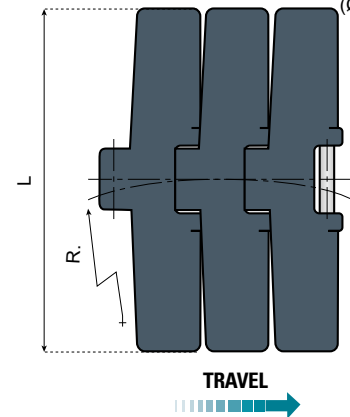
www.SystemPlastSmartGuide.com

SIDEFLEXING CHAINS FOR MAGNETIC SYSTEM



Nolu®-S curves
are strongly recommended
with these chains!

NG® evo conveyor components
made from engineered plastic resin
Longer wearlife than acetal
Lower friction than acetal
Good chemical resistance
High abrasion resistance
It meets the requirement for materials as
stated by EC1935/2004 and FDA CFR21
norms for direct food contact
Less dust than with acetal chains
More.....



11300a

50060a

ITEM DESCRIPTION	MATERIAL PLATE	BREAKING LOAD		WIDTH L		R MIN.		WEIGHT	
		N	lbs	mm	in	mm	in	Kg/m	lbs/ft.
NGE882M-K750	NGE Grey Blue	9000	2020	190,5	7 ½	610	24	2,2	1.4
NGE882M-K1000				254,0	10			2,5	1.6
NGE882M-K1200				304,8	12			2,7	1.8
LF882M-K750	LF Brown	10000	2250	190,5	7 ½	610	24	2,2	1.4
LF882M-K1000				254,0	10			2,5	1.6
LF882M-K1200				304,8	12			2,7	1.8

Standard length: 80 pitches (10 ft. - 3,05 m)

Breaking load according to standard ISO 4348 - DIN 8153

Other versions 882 M:

VG
Rubber top

LBP
(low pressure)

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11290a

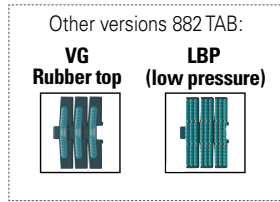
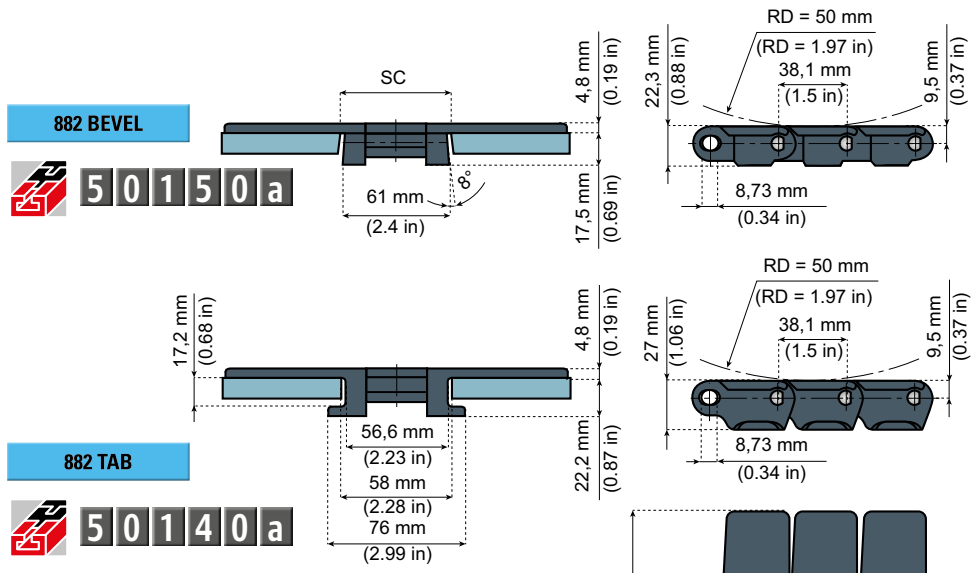
www.SystemPlastSmartGuide.com

882 BEVEL - 882 TAB

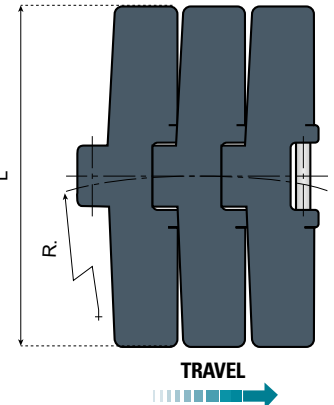
SIDEFLEXING CHAINS



NG® evo conveyor components made from engineered plastic resin
 Longer wearlife than acetal
 Lower friction than acetal
 Good chemical resistance
 High abrasion resistance
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
 Less dust than with acetal chains
 More.....



Nolu®-S curves are strongly recommended with these chains!



Characteristics:

The 882 BEVEL and TAB types have a larger hinge geometry and because of a well balanced distribution of the material they have an excellent carrying load capacity.

Advantages: Heavy duty.

Pin material: Austenitic steel.

11300a

ITEM DESCRIPTION	MATERIAL PLATE	BREAKING LOAD		WIDTH L		R MIN.		SC				WEIGHT	
		N	lbs	mm	in	mm	in	STRAIGHT		CURVING		Kg/m	lbs/ft.
								mm	in	mm	in		
NGE882-K450	NGE Grey Blue	9000	2020	114,3	4 ½	610	24	62	2.44	58	2.28	1,9	1.3
NGE882-K750				190,5	7 ½							2,4	1.6
NGE882-K1000				254,0	10							2,8	1.9

ITEM DESCRIPTION	MATERIAL PLATE	BREAKING LOAD		WIDTH L		R MIN.		SC				WEIGHT	
		N	lbs	mm	in	mm	in	STRAIGHT		CURVING		Kg/m	lbs/ft.
								mm	in	mm	in		
NGE882TAB-K450	NGE Grey Blue	9000	2020	114,3	4 ½	610	24	62	2.44	58	2.28	2,0	1.4
NGE882TAB-K750				190,5	7 ½							2,5	1.7
NGE882TAB-K1000				254,0	10							2,9	1.9
NGE882TAB-K1200				304,8	12							3,4	2.3
LF882TAB-K450	LF Brown	10000	2250	114,3	4 ½	610	24	62	2.44	58	2.28	2,0	1.4
LF882TAB-K750				190,5	7 ½							2,5	1.7
LF882TAB-K1000				254,0	10							2,9	1.9
LF882TAB-K1200				304,8	12							3,4	2.3

Standard length: 80 pitches (3,05 m - 10 ft.)

Breaking load according to standard ISO 4348 - DIN 8153

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	



11300a

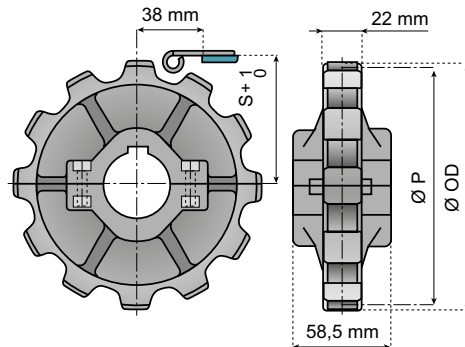
DRIVE AND RETURN SPROCKETS

www.SystemPlastSmartGuide.com

FOR CHAINS 882 (M-VG-TAB-LBP-BEVEL) - 8257 (VG-LBP)

Features:

- Split versions: quick and easy replacement.
- Foolproof design.
- Excellent wear and chemical resistance.
- Recyclable.



Z	Ø 25	Ø 30	Ø 35	Ø 40
	MOLDED DRIVE SPROCKETS - SPLIT FIXED			
ITEM DESCRIPTION				
10	882-10R25M-DS	882-10R30M-DS	882-10R35M-DS	882-10R40M-DS
12	882-12R25M-DS	882-12R30M-DS	882-12R35M-DS	882-12R40M-DS
MOLDED RETURN SPROCKETS - SPLIT				
10	882-10R25M-RS	882-10R30M-RS	882-10R35M-RS	882-10R40M-RS
12	882-12R25M-RS	882-12R30M-RS	882-12R35M-RS	882-12R40M-RS

Z	Ø OD mm	Ø P mm	S mm
10	125	123,3	65,4
12	149,2	147,2	78,5

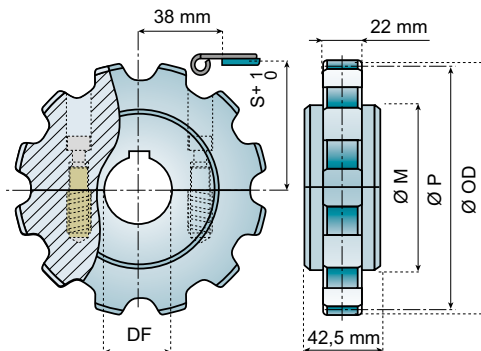
Material: reinforced polyamide (black); screws in stainless steel, nut in nickel plated brass, DIN 6885 key seat.

New design

30990a

Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



Z	Ø 23*	Ø 30	Ø 35	Ø 40
	MACHINED DRIVE SPROCKETS - SPLIT FIXED			
ITEM DESCRIPTION				
9	-	882-9R30M-DMS	882-9R35M-DMS	882-9R40M-DMS
10	-	882-10R30M-DMS	882-10R35M-DMS	882-10R40M-DMS
11	-	882-11R30M-DMS	882-11R35M-DMS	882-11R40M-DMS
12	-	882-12R30M-DMS	882-12R35M-DMS	882-12R40M-DMS
MACHINED RETURN SPROCKETS - SPLIT				
9	882-9R23M-RMS	882-9R30M-RMS	882-9R35M-RMS	882-9R40M-RMS
10	882-10R23M-RMS	882-10R30M-RMS	882-10R35M-RMS	882-10R40M-RMS
11	882-11R23M-RMS	882-11R30M-RMS	882-11R35M-RMS	882-11R40M-RMS
12	882-12R23M-RMS	882-12R30M-RMS	882-12R35M-RMS	882-12R40M-RMS

Material: polyamide (natural white); screws in stainless steel, bushings in brass, DIN 6885 key seat. *Plain bore



See also the chains:

8257
11310a

LBP 882M-LBP 882 TAB
11360a

LBP 8257
11370a

882 M VG - 882 TAB VG
11400a

882 BEVEL
11290a

8257VG
11410a

882M
11280a



See also the idler wheels:

11300b



Information about this product is only available on our Smart Guide® website.

Z	Ø OD mm	Ø P mm	Ø M mm	S mm
9	112	111,4	65	60,5
10	125	123,2	75	66,4
11	137	135,2	85	72,4
12	149	147,2	90	78,4

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11300b

IDLER WHEELS

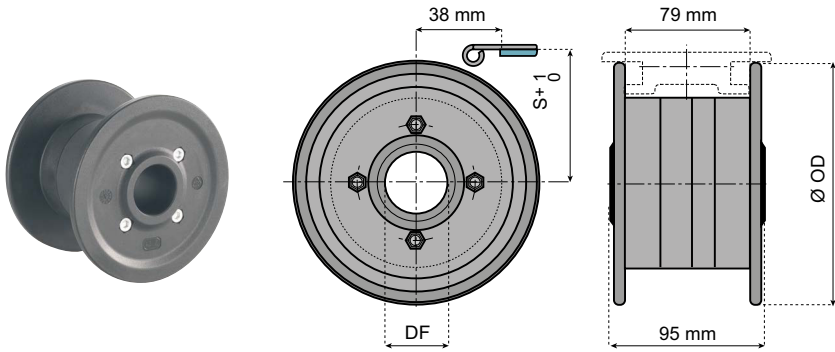
www.SystemPlastSmartGuide.com

FOR CHAINS 882 (TAB-VG-LBP)

Features:

- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.

THESE IDLER WHEELS ARE ONLY FOR 882 TAB CHAINS



MOLDED IDLER WHEELS - ONE PIECE					z	Ø OD mm	S mm
z	Ø 25	Ø 30	Ø 35	Ø 40			
	ITEM DESCRIPTION						
10	882T-10R25M-W	882T-10R30M-W	882T-10R35M-W	882T-10R40M-W	10	129,8	68,6
12	882T-12R25M-W	882T-12R30M-W	882T-12R35M-W	882T-12R40M-W	12	155	80,5

Material: reinforced polyamide (black); screws in stainless steel.
Application: chains series 882 TAB - LBP 882 TAB.

Also available:
idler wheels,
go to:
111090b

882 TAB
11290a

882 TAB VG
11400a

LBP 882 TAB
11350a



Information about this product is only available on our Smart Guide® website.

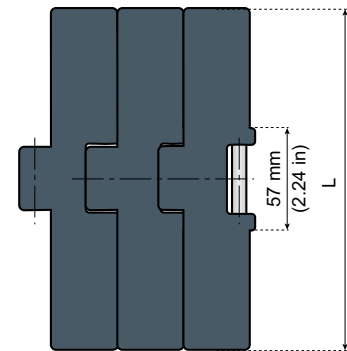
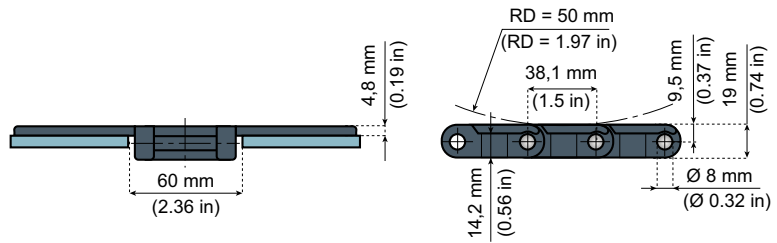
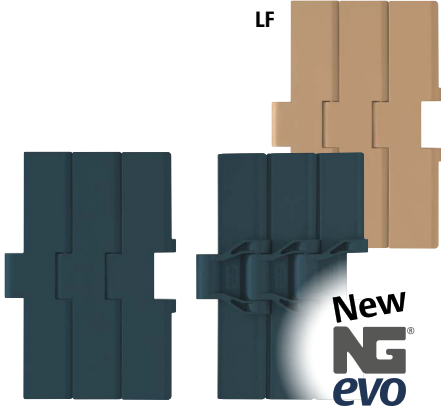
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

1 1 3 1 0 a

8257

www.SystemPlastSmartGuide.com

STRAIGHT RUNNING CHAINS HEAVY DUTY SINGLE HINGE



NG® evo conveyor components
made from engineered plastic resin

- Longer wearlife than acetal
- Lower friction than acetal
- Good chemical resistance
- High abrasion resistance

It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
Less dust than with acetal chains
More.....

Advantages:

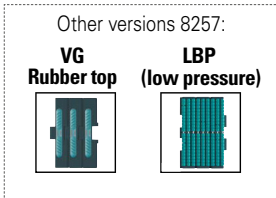
- High strength
- Helps standardising your conveyor constructions
- Same hinge width available in many chain types, both steel and plastic, also LBP chains and rubber top chains

Pin material: Austenitic steel

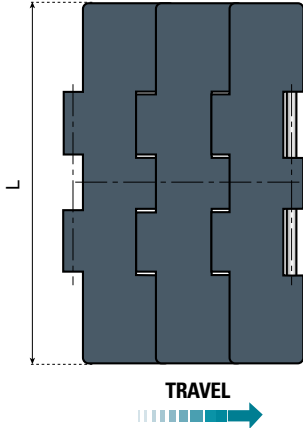
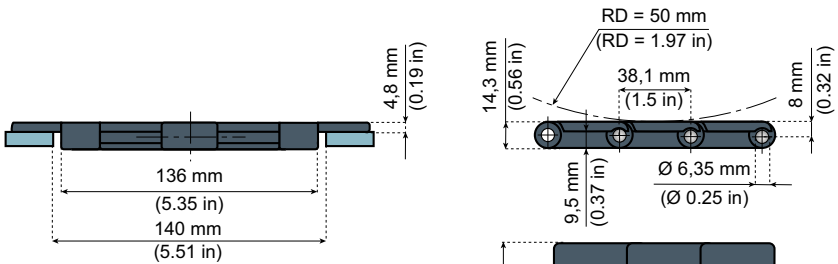
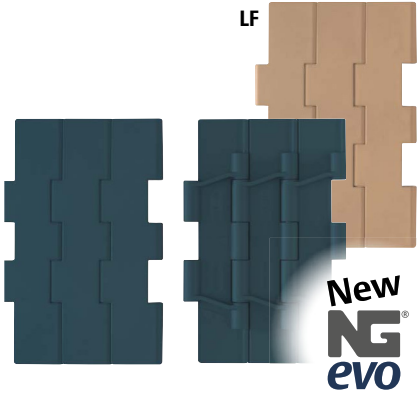
ITEM DESCRIPTION	MATERIAL PLATE	BREAKING LOAD		WIDTH L		WEIGHT	
		N	lbs	mm	in	Kg/m	lbs/ft.
NGE8257-K750	NGE Grey Blue	9000	2020	190,5	7 ½	2,2	1.5
NGE8257-K1000				254,0	10	2,6	1.7
NGE8257-K1200				304,8	12	2,9	2.0
LF8257-K750	LF Brown	10000	2250	190,5	7 ½	2,2	1.5
LF8257-K1000				254,0	10	2,6	1.7
LF8257-K1200				304,8	12	2,9	2.0

Standard length: 80 pitches (10 ft. - 3,05 m)

Breaking load according to standard ISO 4348 - DIN 8153



Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	



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 High abrasion resistance
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
 Less dust than with acetal chains
 More.....

These chains have a double hinge and double reinforcing bars, for a high strength.

Pin material: Austenitic steel

Other versions 821:

VG Rubber top	LBP (low pressure)

ITEM DESCRIPTION	MATERIAL PLATE	BREAKING LOAD		WIDTH L		WEIGHT	
		N	lbs	mm	in	Kg/m	lbs/ft.
NGE821-K750	NGE Grey Blue	7500	1650	190,5	7 ½	2,6	1.7
NGE821-K1000				254,0	10	3,1	2.6
NGE821-K1200				304,8	12	3,4	2.3
LF821-K750	LF Brown	8300	1830	190,5	7 ½	2,6	1.7
LF821-K1000				254,0	10	3,1	2.6
LF821-K1200				304,8	12	3,4	2.3



Information about this product is only available on our Smart Guide® website.

For standard sprockets, go to:
1 1 1 1 2 0 a

For other sprockets, go to:
1 1 1 3 2 0 b

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

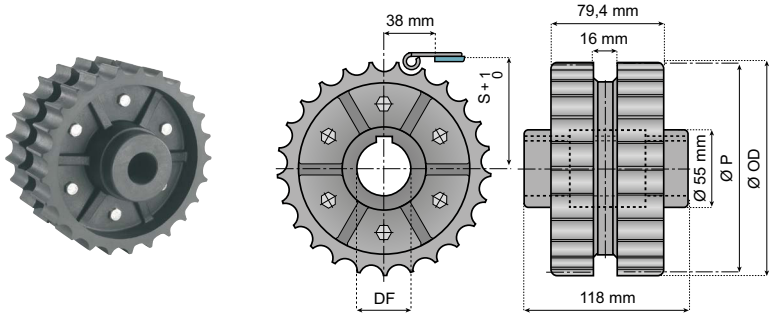


1 1 3 2 0 b

DRIVE AND RETURN SPROCKETS, IDLER WHEELS

www.SystemPlastSmartGuide.com

FOR CHAINS 821 (VG-LBP) - LBP8257



MOLDED DRIVE SPROCKETS - ONE PIECE TIGHT				
Z	Ø 25	Ø 30	Ø 35	Ø 40
ITEM DESCRIPTION				
25	821-25R25M-D	821-25R30M-D	821-25R35M-D	821-25R40M-D

MOLDED RETURN SPROCKETS - ONE PIECE				
Z	Ø 25	Ø 30	Ø 35	Ø 40
25	821-25R25M-R	821-25R30M-R	821-25R35M-R	821-25R40M-R

NOT SUITABLE FOR LBP8257!

Z	Ø P mm	Ø OD mm	S mm
25	153,2	155,0	80,5

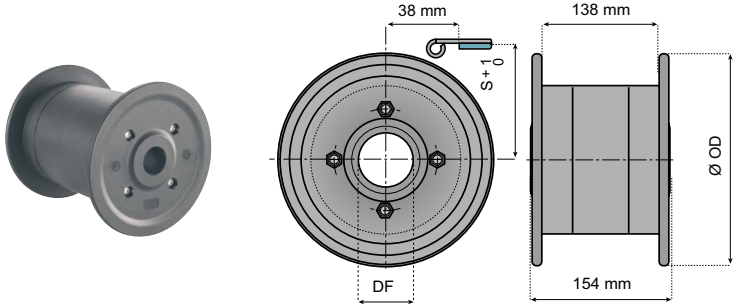
Material: reinforced polyamide (black); screws in stainless steel, DIN 6885 key seat.

821
1 1 3 2 0 a

821 VG
1 1 4 1 0 a

LBP 8257
1 1 3 7 0 a

800-802-805
1 1 1 2 0 a

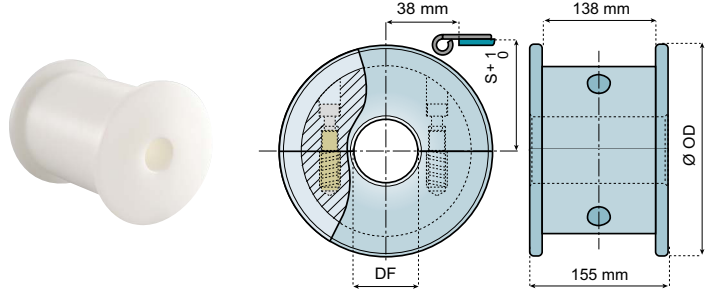


- Features:**
- Completely closed structure, easy to clean and to disinfect.
 - Excellent wear and chemical resistance.
 - Recyclable.

MOLDED IDLER WHEELS - ONE PIECE				
Z	Ø 25	Ø 30	Ø 35	Ø 40
ITEM DESCRIPTION				
19	821-19R25M-W	821-19R30M-W	821-19R35M-W	821-19R40M-W
21	821-21R25M-W	821-21R30M-W	821-21R35M-W	821-21R40M-W
23	821-23R25M-W	821-23R30M-W	821-23R35M-W	821-23R40M-W
25	821-25R25M-W	821-25R30M-W	821-25R35M-W	821-25R40M-W

Z	Ø OD mm	S mm
19	118,0	62,6
21	129,8	68,6
23	142,5	74,6
25	155,0	80,5

Material: reinforced polyamide (black); screws in stainless steel.



MACHINED IDLER WHEELS - SPLIT			
Z	Ø 30	Ø 35	Ø 40
ITEM DESCRIPTION			
19	821-19R30M-WMS	821-19R35M-WMS	821-19R40M-WMS
21	821-21R30M-WMS	821-21R35M-WMS	821-21R40M-WMS
23	821-23R30M-WMS	821-23R35M-WMS	821-23R40M-WMS
25	821-25R30M-WMS	821-25R35M-WMS	821-25R40M-WMS

Z	Ø OD mm	S mm
19	117,0	62,6
21	129,8	68,6
23	142,2	74,6
25	154,7	80,5

Material: polyamide (natural white); screws in stainless steel, bushings in brass.

New design 3 0 9 9 0 a

- Features:**
- Very high strength.
 - Split versions: quick and easy replacement.
 - Foolproof design.
 - Completely closed structure, easy to clean and to disinfect.
 - Excellent wear and chemical resistance.
 - Recyclable.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

1 1 3 2 0 z

APPLICATION EXAMPLES

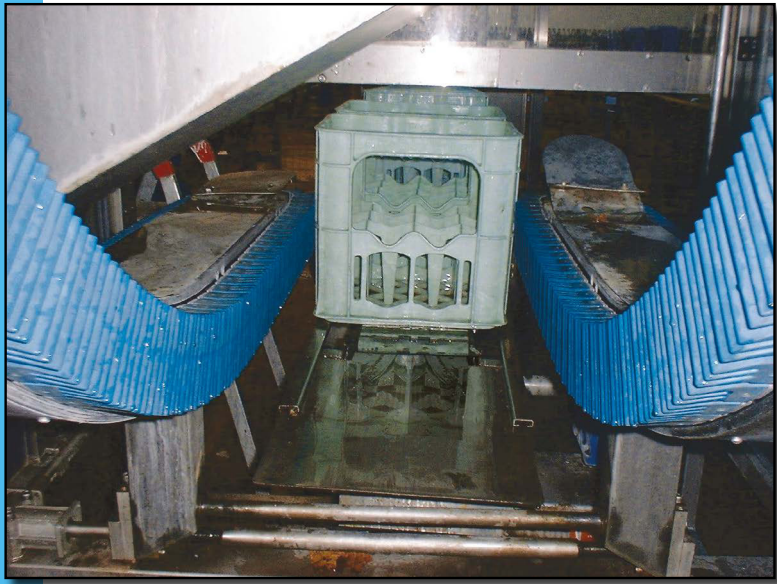
www.SystemPlastSmartGuide.com



SINGLE TRACK CONVEYOR FOR PET BOTTLES.

For 828 chains, go to:

1 1 2 1 0 a



GRIPPER CHAINS FOR CRATE ELEVATORS.

For gripper chains, go to:

1 1 0 1 2 a



MASS FLOW TO SINGLE ROW USING 2250 MODULAR BELT.

Details, go to:

3 0 3 1 0 a 



Information about this product is only available on our Smart Guide® website.

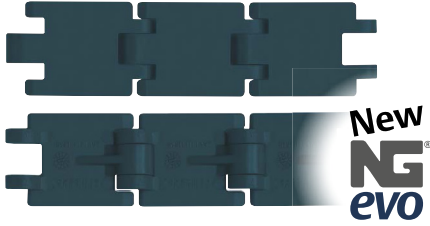
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11330a

SK 38

www.SystemPlastSmartGuide.com

STRAIGHT RUNNING CHAINS MINI SINGLE HINGE



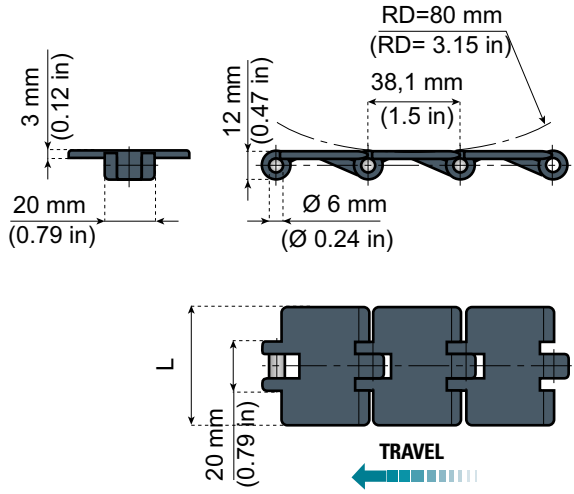
New NG evo

NG® evo conveyor components made from engineered plastic resin
 Longer wearlife than acetal
 Lower friction than acetal
 Good chemical resistance
 High abrasion resistance
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
 Less dust than with acetal chains
 More.....

Applications:

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

Pin material: Austenitic steel



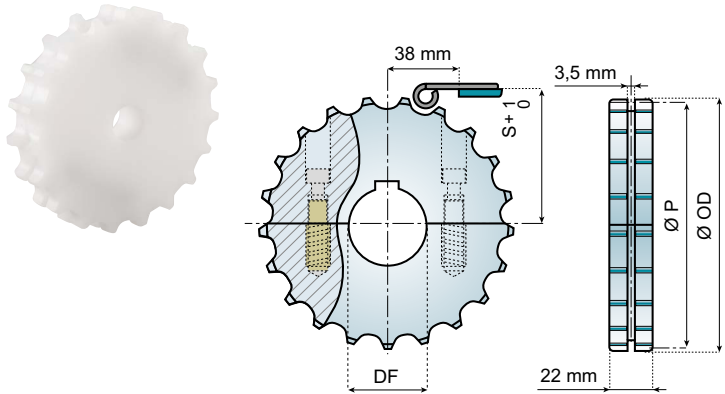
ITEM DESCRIPTION	MATERIAL PLATE	BREAKING LOAD		WIDTH L		WEIGHT	
		N	lbs	mm	in	Kg/m	lbs/ft.
NGE-S-K38-K125	NGE	1800	400	32,0	1 ¼	0,3	0.2
NGE-S-K38-K200	Grey Blue			50,8	2		

DRIVE AND RETURN SPROCKETS FOR CHAIN SK 38

New design
30990a

Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



MACHINED DRIVE SPROCKETS - SPLIT FIXED					
Z	Ø 23*	Ø 25	Ø 30	Ø 35	Ø 40
19	-	SK38-19R25M-DMS	SK38-19R30M-DMS	SK38-19R35M-DMS	SK38-19R40M-DMS
21	-	SK38-21R25M-DMS	SK38-21R30M-DMS	SK38-21R35M-DMS	SK38-21R40M-DMS
23	-	SK38-23R25M-DMS	SK38-23R30M-DMS	SK38-23R35M-DMS	SK38-23R40M-DMS
25	-	SK38-25R25M-DMS	SK38-25R30M-DMS	SK38-25R35M-DMS	SK38-25R40M-DMS
MACHINED RETURN SPROCKETS - SPLIT					
19	SK38-19R23M-RMS	SK38-19R25M-RMS	SK38-19R30M-RMS	SK38-19R35M-RMS	SK38-19R40M-RMS
21	SK38-21R23M-RMS	SK38-21R25M-RMS	SK38-21R30M-RMS	SK38-21R35M-RMS	SK38-21R40M-RMS
23	SK38-23R23M-RMS	SK38-23R25M-RMS	SK38-23R30M-RMS	SK38-23R35M-RMS	SK38-23R40M-RMS
25	SK38-25R23M-RMS	SK38-25R25M-RMS	SK38-25R30M-RMS	SK38-25R35M-RMS	SK38-25R40M-RMS

Z	Ø OD mm	Ø P mm	S mm
19	117	117,34	61,90
21	129	129,26	67,80
23	142	141,21	73,80
25	154	153,21	79,80

Material: polyamide (natural white); screws in stainless steel, bushings in brass, DIN 6885 key seat. *Plain bore

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

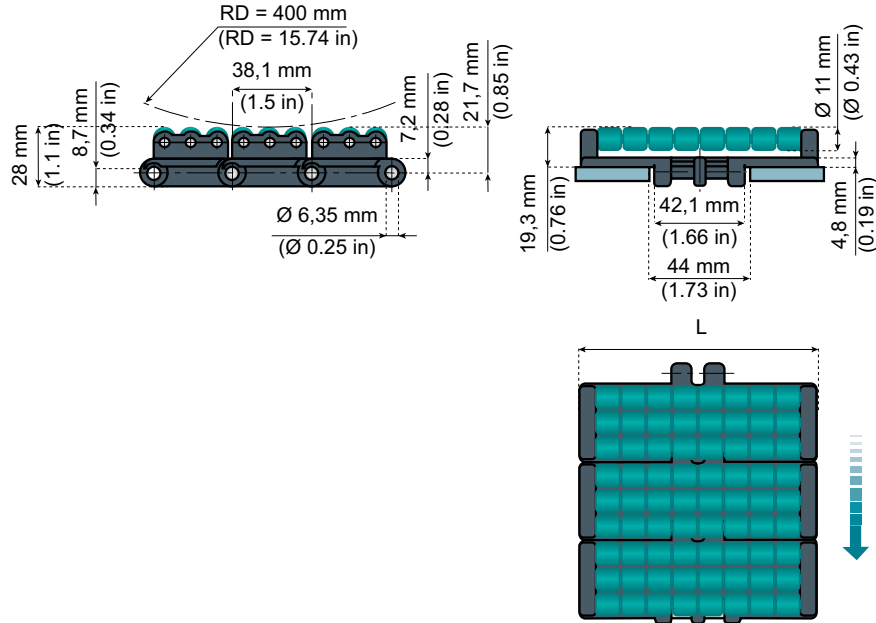
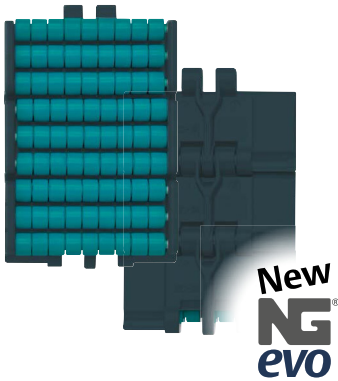


1 1 3 4 0 a

LBP 831

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SINGLE HINGE STRAIGHT RUNNING CHAINS WITH LOW NOISE ACCUMULATION ROLLERS

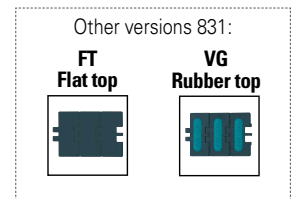


NG® evo conveyor components
 made from engineered plastic resin
 Longer wearlife than acetal
 Lower friction than acetal
 Good chemical resistance
 High abrasion resistance
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
 Less dust than with acetal chains
 More.....

ITEM DESCRIPTION	MATERIAL		BREAKING LOAD		WIDTH L		WEIGHT	
	PLATE	ROLLER	N	lbs	mm	in	Kg/m	lbs/ft.
NGE831LBP-K325	NGE Grey Blue	Water blue	4500	1000	82,5	3 ¼	2,2	1.4
NGE831LBP-K450					114,3	4 ½	2,9	1.9

Standard length: 40 pitches (5 ft. - 1,524 m)

Breaking load according to standard ISO 4348 - DIN 8153



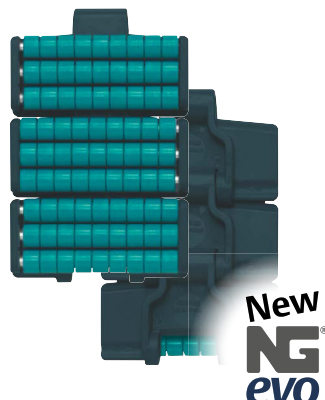
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11350a

www.SystemPlastSmartGuide.com

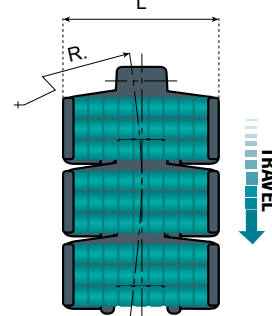
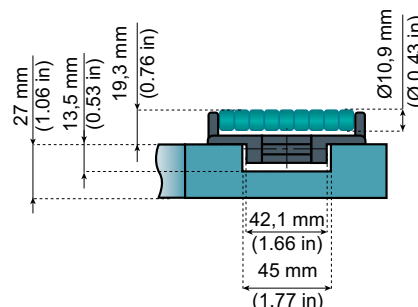
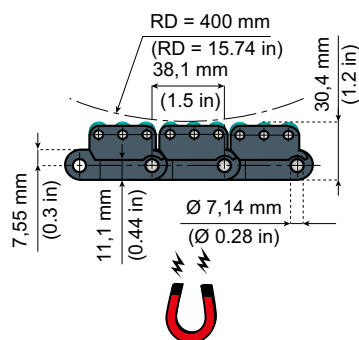
LBP 879 M

SIDEXFIXING CHAINS FOR MAGNETIC SYSTEM WITH LOW NOISE ACCUMULATION ROLLERS



New
NG evo

NG® evo conveyor components made from engineered plastic resin
 Longer wearlife than acetal
 Lower friction than acetal
 Good chemical resistance
 High abrasion resistance
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
 Less dust than with acetal chains
 More.....



Nolu®-S curves are strongly recommended with these chains!

Other versions 879 M:

- FT Flat top**
- VG Rubber top**

11260a

50070a

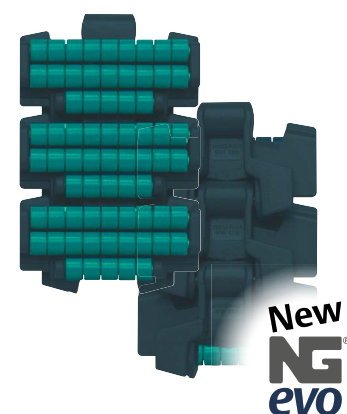
ITEM DESCRIPTION	MATERIAL		BREAKING LOAD		WIDTH L		R MIN.		WEIGHT	
	PLATE	ROLLER	N	lbs	mm	in	mm	in	Kg/m	lbs/ft.
NGE879LBP-M-K325	NGE Grey Blue	Water blue	5100	1150	82,5	3 ¼	500	19.7	2,3	1.5

Standard length: 40 pitches (5 ft. - 1,524 m)

Breaking load according to standard ISO 4348 - DIN 8153

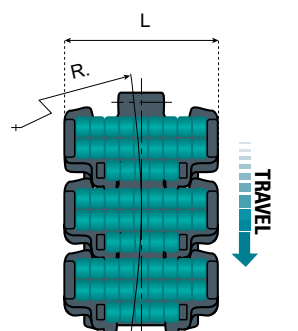
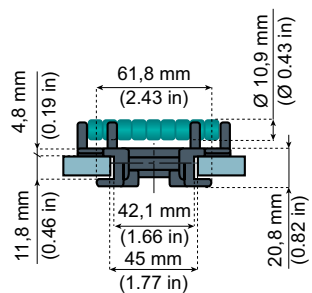
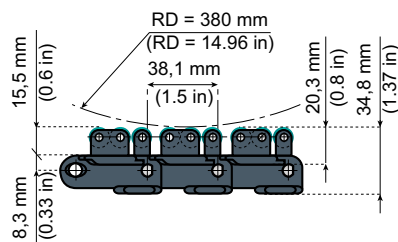
LBP 878 TAB

SIDEXFIXING CHAINS WITH LOW NOISE ACCUMULATION ROLLERS



New
NG evo

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 More.....



Nolu®-S curves are strongly recommended with these chains!

Other versions 878 TAB:

- FT Flat top**
- VG Rubber top**
- GS Gripper**

11260a

50110a

For see Drive Disk go to:

11270a

ITEM DESCRIPTION	MATERIAL		BREAKING LOAD		WIDTH L		R MIN.		WEIGHT	
	PLATE	ROLLER	N	lbs	mm	in	mm	in	Kg/m	lbs/ft.
NGE878LBP-TAB-K325	NGE Grey Blue	Water blue	5400	1200	82,5	3 ¼	200	7.9	3,2	2.2

Standard length: 40 pitches (5 ft. - 1,524 m)

Breaking load according to standard ISO 4348 - DIN 8153

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

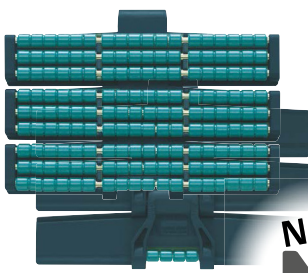


11360a

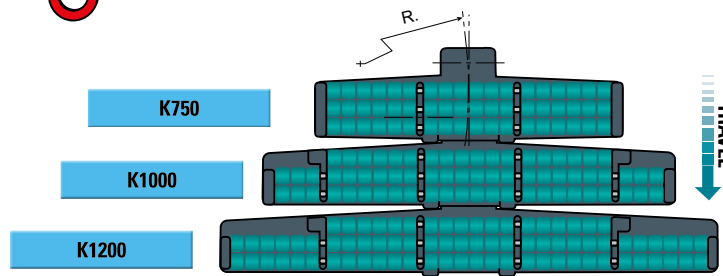
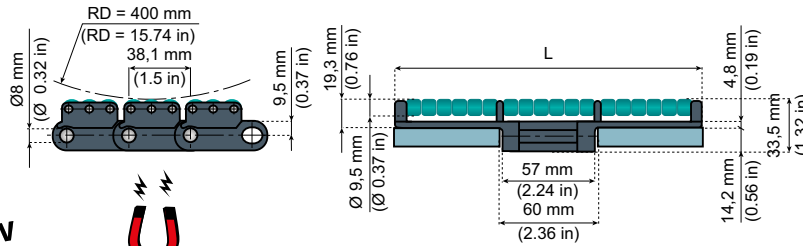
LBP 882M

www.SystemPlastSmartGuide.com

SIDEFLEXING CHAINS FOR MAGNETIC SYSTEM HEAVY DUTY SINGLE HINGE WITH LOW NOISE ACCUMULATION ROLLERS



New
NG
evo



Other versions 882 M:



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 More.....



11300a



50070a

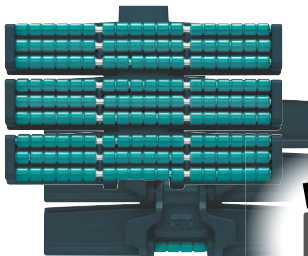
ITEM DESCRIPTION	MATERIAL		BREAKING LOAD		WIDTH L		R MIN.		WEIGHT	
	PLATE	ROLLER	N	lbs	mm	in	mm	in	Kg/m	lbs/ft.
NGE882LBP-M-K750	NGE Grey Blue	Water blue	9000	2000	190,5	7 ½	610	24.01	3,9	2.6
NGE882LBP-M-K1000					254,0	10			5,0	3.3
NGE882LBP-M-K1200					304,8	12			5,9	3.9

Standard length: 40 pitches (5 ft. - 1,524 m)

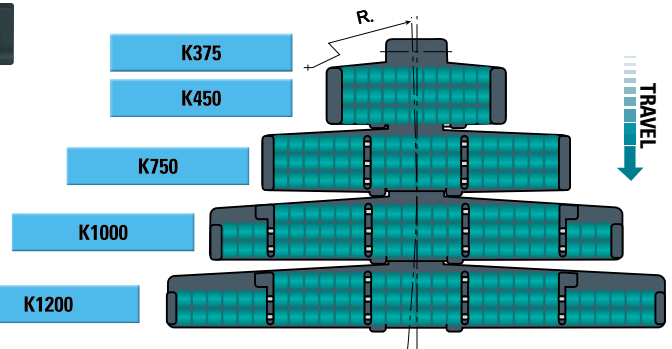
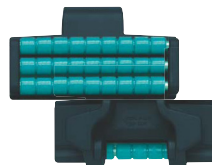
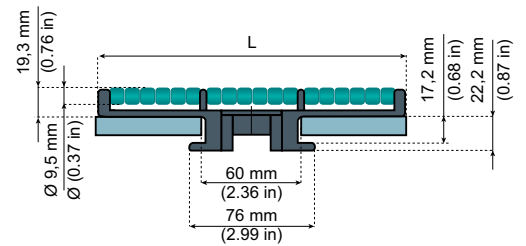
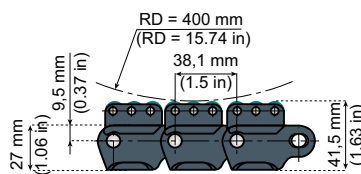
Breaking load according to standard ISO 4348 - DIN 8153

LBP 882 TAB

SIDEFLEXING CHAINS WITH LOW NOISE ACCUMULATION ROLLERS

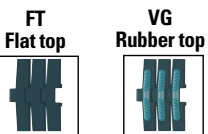


New
NG
evo



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 Less dust than with acetal chains
 More.....

Other versions 882 TAB:



11300a



50140a

ITEM DESCRIPTION	MATERIAL		BREAKING LOAD		WIDTH L		R MIN.		WEIGHT	
	PLATE	ROLLER	N	lbs	mm	in	mm	in	Kg/m	lbs/ft.
NGE882LBP-TAB-K375	NGE Grey Blue	Water blue	9000	2000	95,3	3 ¾	610	24.01	3,3	2.2
NGE882LBP-TAB-K450					114,3	4 ½			4,0	2.7
NGE882LBP-TAB-K750					190,5	7 ½			4,7	3.2
NGE882LBP-TAB-K1000					254,0	10			5,9	4.0
NGE882LBP-TAB-K1200					304,8	12			6,5	4.4

Standard length: 40 pitches (5 ft. - 1,524 m)

Breaking load according to standard ISO 4348 - DIN 8153

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

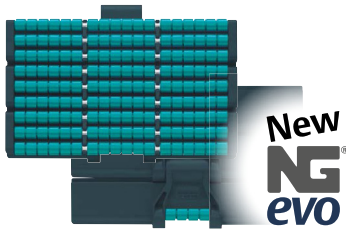


11370a

LBP 8257

www.SystemPlastSmartGuide.com

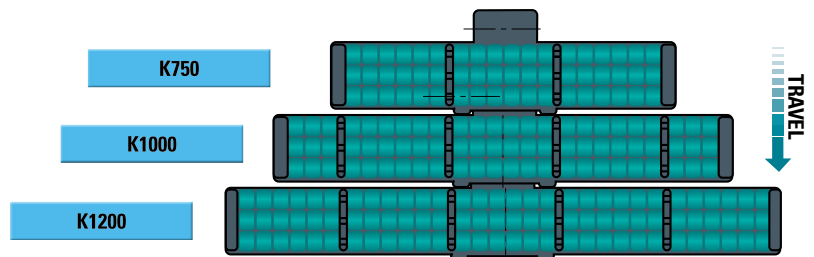
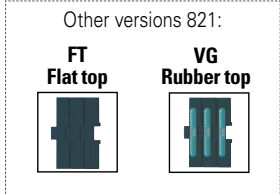
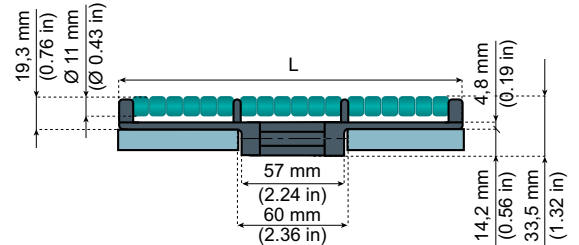
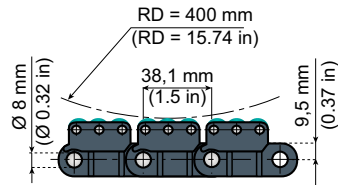
HEAVY DUTY SINGLE HINGE STRAIGHT RUNNING CHAINS WITH LOW NOISE ACCUMULATION ROLLERS



NG® evo conveyor components made from engineered plastic resin

- Longer wearlife than acetal
- Lower friction than acetal
- Good chemical resistance
- High abrasion resistance

It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
Less dust than with acetal chains
More.....



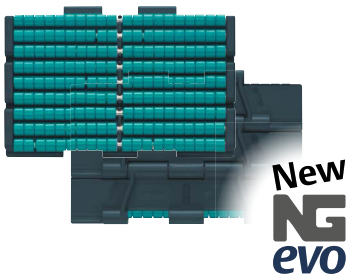
ITEM DESCRIPTION	MATERIAL		BREAKING LOAD N		WIDTH L		WEIGHT	
	PLATE	ROLLER	N	lbs	mm	in	Kg/m	lbs/ft.
NGE8257LBP-K750	NGE Grey Blue	Water blue	9000	2000	190,5	7 ½	5,7	4.5
NGE8257LBP-K1000					254,0	10	7,2	4.8
NGE8257LBP-K1200					304,8	12	8,1	5.4

Standard length: 40 pitches (5 ft. - 1,524 m)

Breaking load according to standard ISO 4348 - DIN 8153

LBP 821

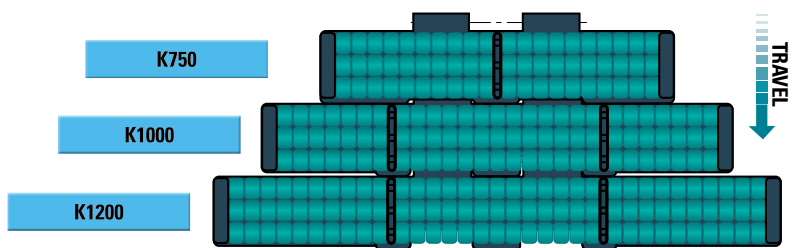
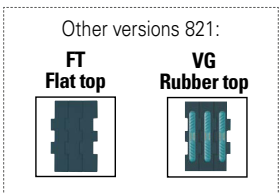
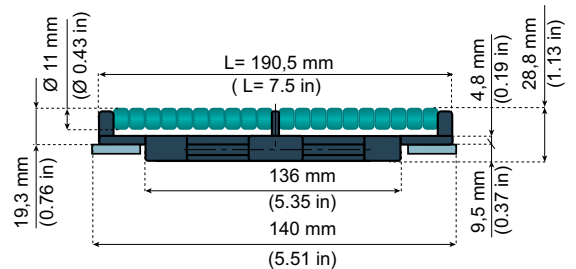
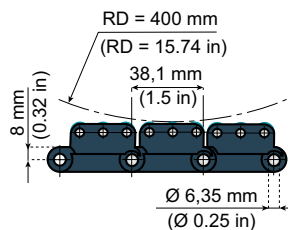
DOUBLE HINGE STRAIGHT RUNNING CHAINS WITH LOW NOISE ACCUMULATION ROLLERS



Advantages:

- High breaking load
- Rollers manufactured in low friction and low noise material: reduced back-line pressure and low noise level

Pin material: Austenitic steel



ITEM DESCRIPTION	MATERIAL		BREAKING LOAD N		WIDTH L		WEIGHT	
	PLATE	ROLLER	N	lbs	mm	in	Kg/m	lbs/ft.
NGE821LBP-K750	NGE Grey Blue	Water blue	7500	1650	190,5	7 ½	5,5	3.7
NGE821LBP-K1000					254,0	10	6,9	4.6
NGE821LBP-K1200					304,8	12	8,0	5.4

Standard length: 40 pitches (5 ft. - 1,524 m)

Breaking load according to standard ISO 4348 - DIN 8153

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	



1 1 3 8 0 a

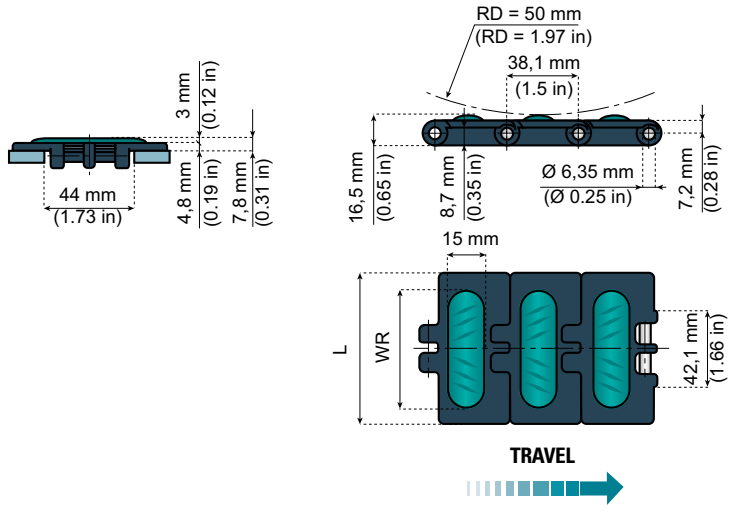
831 VG

www.SystemPlastSmartGuide.com

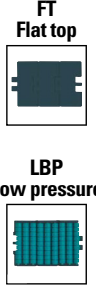
STRAIGHT RUNNING CHAINS WITH HIGH FRICTION SURFACE



NG® evo conveyor components made from engineered plastic resin
 Longer wearlife than acetal
 Lower friction than acetal
 Good chemical resistance
 High abrasion resistance
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
 Less dust than with acetal chains
 More.....



Other versions 831:



1 1 2 0 0 a

Pin material: Austenitic steel

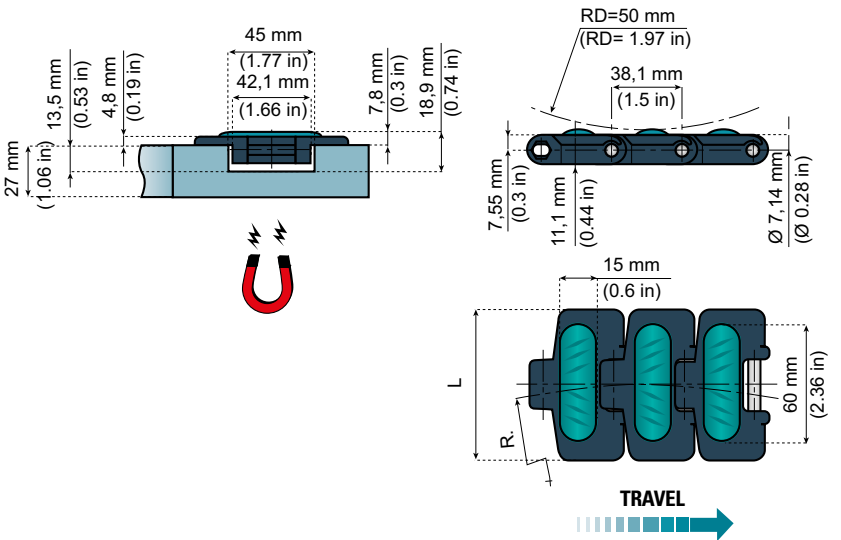
ITEM DESCRIPTION	MATERIAL		BREAKING LOAD		WIDTH L		WIDTH WR		WEIGHT	
	PLATE	RUBBER	N	lbs	mm	in	mm	in	Kg/m	lbs/ft.
NGE831-K325VG	NGE Grey Blue	TPR Water blue 70 shore A	3600	800	82,5	3 ¼	60	2.36	1,4	0.9

879 M VG

SIDEFLEXING CHAINS WITH HIGH FRICTION SURFACE FOR MAGNETIC CURVES



NG® evo conveyor components made from engineered plastic resin
 Longer wearlife than acetal
 Lower friction than acetal
 Good chemical resistance
 High abrasion resistance
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
 Less dust than with acetal chains
 More.....



Information about this product is only available on our Smart Guide® website.

Other versions 879 M:



5 0 0 1 0 a **1 1 2 6 0 b**

- Advantages:**
- One conveyor construction
 - Easy to clean
 - Hygienic concept
 - Easy maintenance

ITEM DESCRIPTION	MATERIAL		BREAKING LOAD		WIDTH L		R		WEIGHT	
	PLATE	RUBBER	N	lbs	mm	in	mm	in	Kg/m	lbs/ft.
NGE879M-K325VG	NGE Grey Blue	TPR Water blue 70 shore A	4700	1040	82,5	3 ¼	500	19.7	1,2	0.8

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

1 1 3 9 0 a

878 TAB VG - 879 TAB VG

SIDEFLEXING CHAINS WITH HIGH FRICTION SURFACE



NG® evo conveyor components made from engineered plastic resin
 Longer wearlife than acetal
 Lower friction than acetal
 Good chemical resistance
 High abrasion resistance
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
 Less dust than with acetal chains
 More.....

Characteristics:

Turning disks can be used, as the chain is designed to turn around a very small curve radius.

Pin material: Austenitic steel



For see Drive Disk go to:

1 1 2 7 0 a



See also the sprockets and idler wheels:

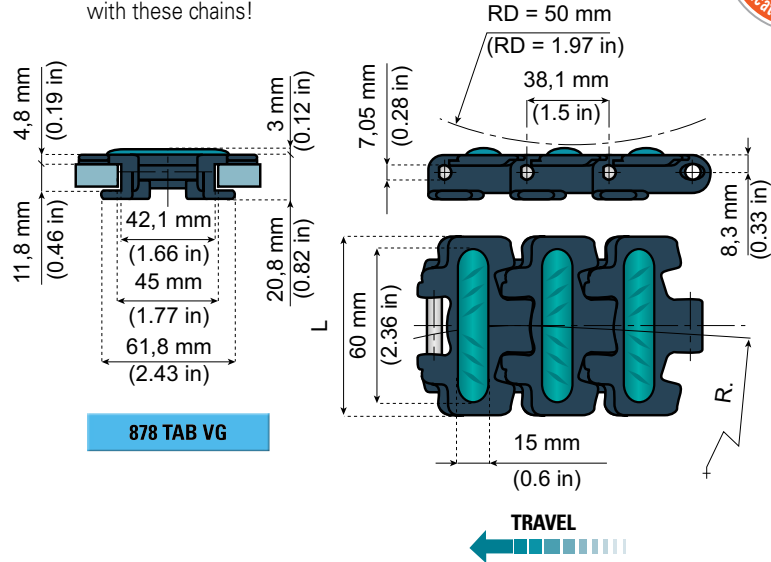
1 1 2 6 0 a



5 0 1 1 0 a



Nolu®-S curves
 are strongly recommended with these chains!



878 TAB VG

Other versions 878 TAB:

FT Flat top



GS Gripper



LBP (low pressure)

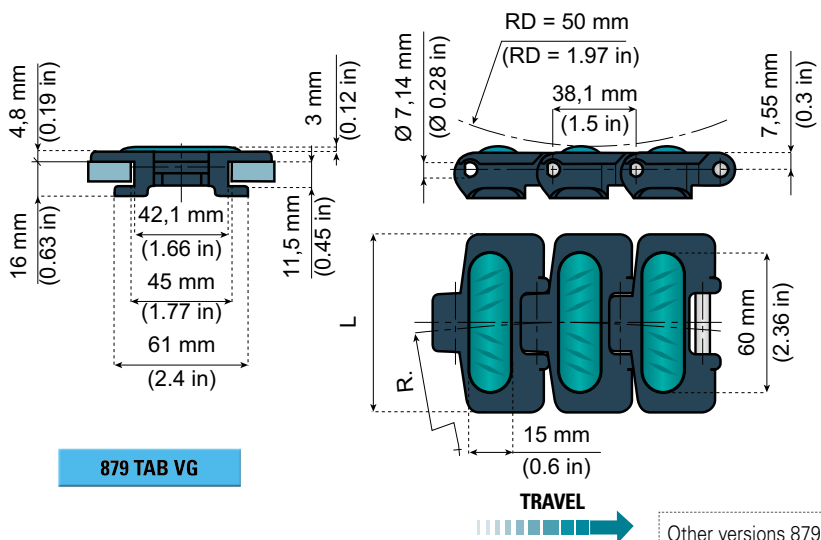


ITEM DESCRIPTION	MATERIAL		BREAKING LOAD		WIDTH L		R MIN.		WEIGHT	
	PLATE	RUBBER	N	lbs	mm	in	mm	in	Kg/m	lbs/ft.
NGE878TAB-K325VG	NGE Grey Blue	TPR Water blue 70 shore A	4500	1000	82,5	3 ¼	190	7.5	0,9	0.6



NG® evo conveyor components made from engineered plastic resin
 Longer wearlife than acetal
 Lower friction than acetal
 Good chemical resistance
 High abrasion resistance
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
 Less dust than with acetal chains
 More.....

Pin material: Austenitic steel



879 TAB VG

Other versions 879 / 880 TAB:

FT Flat top



FT Vacuum



ITEM DESCRIPTION	MATERIAL		BREAKING LOAD		WIDTH L		R MIN.		WEIGHT	
	PLATE	RUBBER	N	lbs	mm	in	mm	in	Kg/m	lbs/ft.
NGE879TAB-K325VG	NGE Grey Blue	TPR Water blue 70 shore A	4500	1000	82,5	3 ¼	500	19.7	1,4	0.9
NGE879TAB-K450VG					114,3	4 ½			1,6	1.1

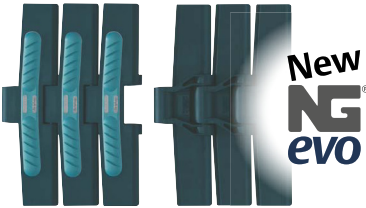
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11400a

882 M VG

www.SystemPlastSmartGuide.com

SIDEFLEXING CHAINS WITH HIGH FRICTION SURFACE FOR MAGNETIC CURVES



NG® evo conveyor components made from engineered plastic resin
 Longer wearlife than acetal
 Lower friction than acetal
 Good chemical resistance
 High abrasion resistance
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
 Less dust than with acetal chains
 More.....

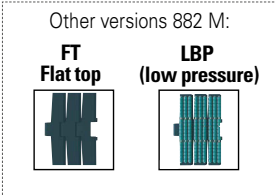
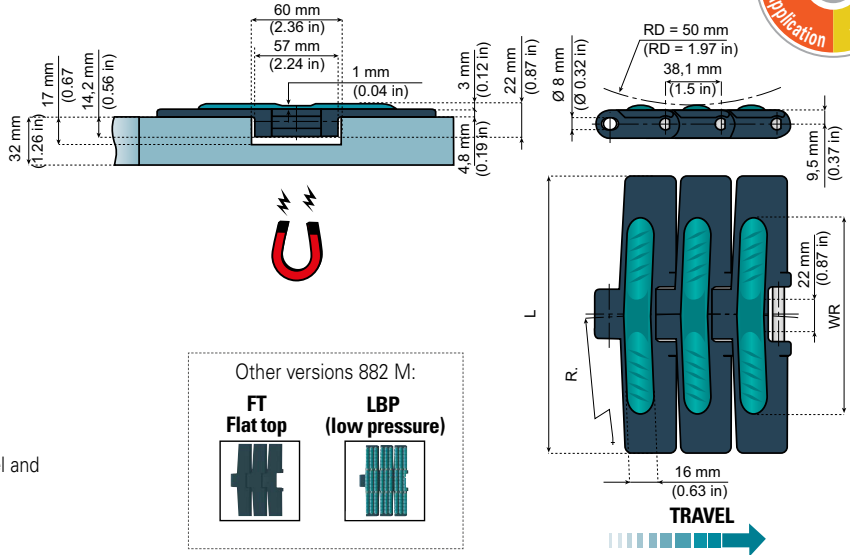
Advantages:

- High breaking load
- Helps standardising your conveyor constructions
- Same hinge width available in many chain types, both steel and plastic, also LBP chains and flat top chains

Note:

Plastic magnetic system chains do not have tabs or bevels; it is the Stainless Steel pin in the chain which is attracted by the magnets embedded in the curve.

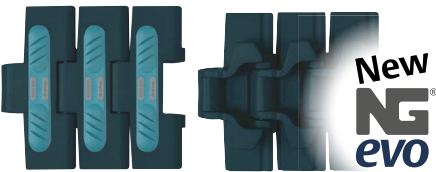
Pin material: Ferritic Stainless Steel



ITEM DESCRIPTION	MATERIAL		BREAKING LOAD		WIDTH L		WIDTH WR		R MIN.		WEIGHT	
	PLATE	RUBBER	N	lbs	mm	in	mm	in	mm	in	Kg/m	lbs/ft.
NGE882M-K750VG	NGE Grey Blue	TPR Water blue 70 shore A	8100	2600	190,5	7 ½	134	5 5/16	610	24.01	2,1	1.4
NGE882M-K1000VG					254,0	10	192	7 ½			2,5	1.6
NGE882M-K1200VG					304,8	12	252	9			2,8	1.9

882 TAB VG

SIDEFLEXING CHAINS WITH HIGH FRICTION SURFACE



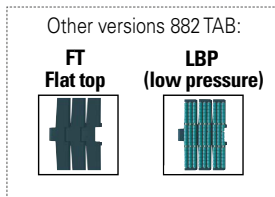
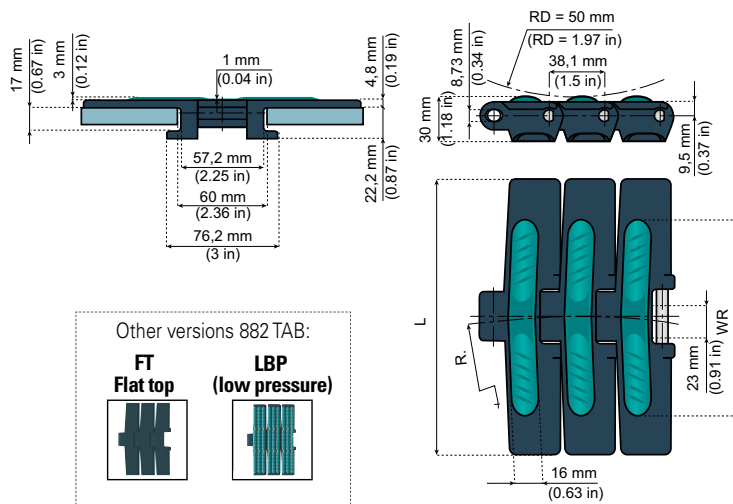
NG® evo conveyor components made from engineered plastic resin
 Longer wearlife than acetal
 Lower friction than acetal
 Good chemical resistance
 High abrasion resistance
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
 Less dust than with acetal chains
 More.....

Advantages:

- High breaking load
- This chain is particularly suitable where heavier and larger products are conveyed.

Pin material: Austenitic steel

Information about this product is only available on our Smart Guide® website.



ITEM DESCRIPTION	MATERIAL		BREAKING LOAD		WIDTH L		WIDTH WR		R MIN.		WEIGHT	
	PLATE	RUBBER	N	lbs	mm	in	mm	in	mm	in	Kg/m	lbs/ft.
NGE882TAB-K750VG	NGE Grey Blue	TPR Water blue 70 shore A	8100	2600	190,5	7 ½	134	5 5/16	610	24.01	2,4	1.6
NGE882TAB-K1000VG					254,0	10	192	7 ½			2,7	1.8
NGE882TAB-K1200VG					304,8	12	252	10			2,9	2.0

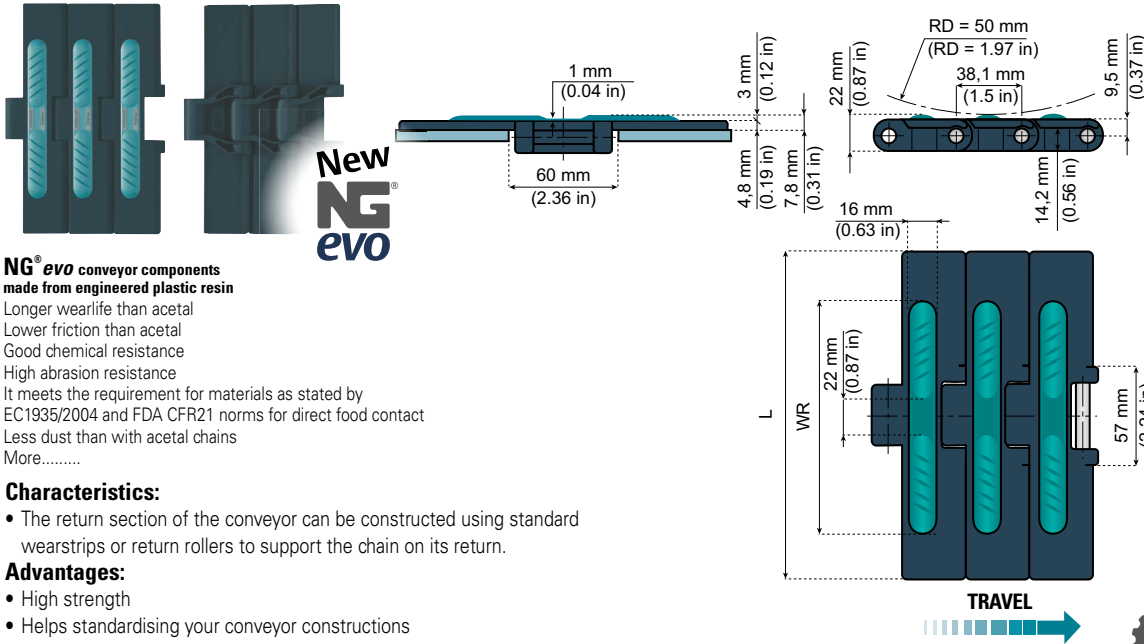
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11410a

8257 VG

www.SystemPlastSmartGuide.com

STRAIGHT RUNNING CHAINS WITH HIGH FRICTION SURFACE



New
NG evo

NG® evo conveyor components made from engineered plastic resin

Longer wearlife than acetal
Lower friction than acetal
Good chemical resistance
High abrasion resistance
It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
Less dust than with acetal chains
More.....

Characteristics:

- The return section of the conveyor can be constructed using standard wearstrips or return rollers to support the chain on its return.

Advantages:

- High strength
- Helps standardising your conveyor constructions
- Same hinge width available in many chain types, both steel and plastic, also LBP chains and Flat Top chains **Pin material:** Austenitic steel

Other versions 8257:

FT
Flat top



LBP
(low pressure)



11300a

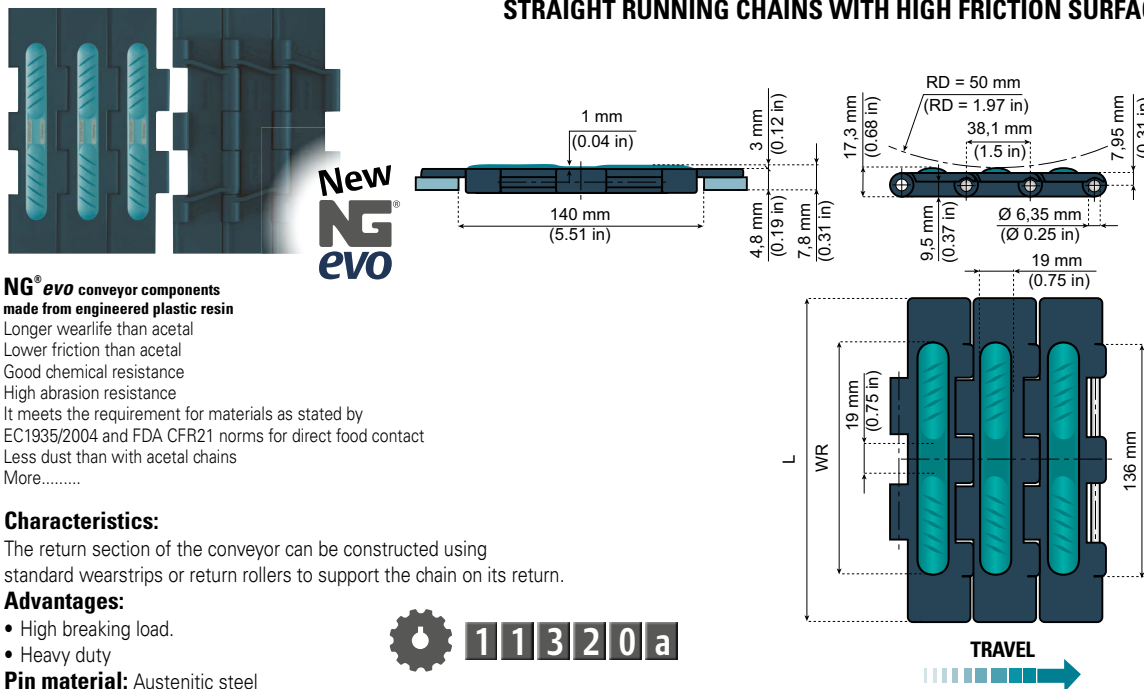
ITEM DESCRIPTION	MATERIAL		BREAKING LOAD		WIDTH L		WIDTH WR		WEIGHT	
	PLATE	RUBBER	N	lbs	mm	in	mm	in	Kg/m	lbs/ft.
NGE8257-K450VG	NGE Grey Blue	TPR Water blue 70 shore A	8100	2600	114,3	4 ½	90	3 ½	2,0	1.3
NGE8257-K750VG					190,5	7 ½	134	5 5/16	2,3	1.5
NGE8257-K1000VG					254,0	10	192	7 ½	2,6	1.7
NGE8257-K1200VG					304,8	12	252	10	3,0	2.0

Standard length: 80 pitches (10 ft. - 3,05 m)

Breaking load according to standard ISO 4348 - DIN 8153

821 VG

STRAIGHT RUNNING CHAINS WITH HIGH FRICTION SURFACE



New
NG evo

NG® evo conveyor components made from engineered plastic resin

Longer wearlife than acetal
Lower friction than acetal
Good chemical resistance
High abrasion resistance
It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
Less dust than with acetal chains
More.....

Characteristics:

The return section of the conveyor can be constructed using standard wearstrips or return rollers to support the chain on its return.

Advantages:

- High breaking load.
- Heavy duty

Pin material: Austenitic steel

Other versions 821:

FT
Flat top



LBP
(low pressure)



11320a

ITEM DESCRIPTION	MATERIAL		BREAKING LOAD		WIDTH L		WIDTH WR		WEIGHT	
	PLATE	RUBBER	N	lbs	mm	in	mm	in	Kg/m	lbs/ft.
NGE821-K750VG	NGE Grey Blue	TPR Water blue 70 shore A	7000	1550	190,5	7 ½	134	5 5/16	2,7	1.8
NGE821-K1000VG					254,0	10	192	7 ½	3,4	2.2
NGE821-K1200VG					304,8	12	252	10	3,8	2.5

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

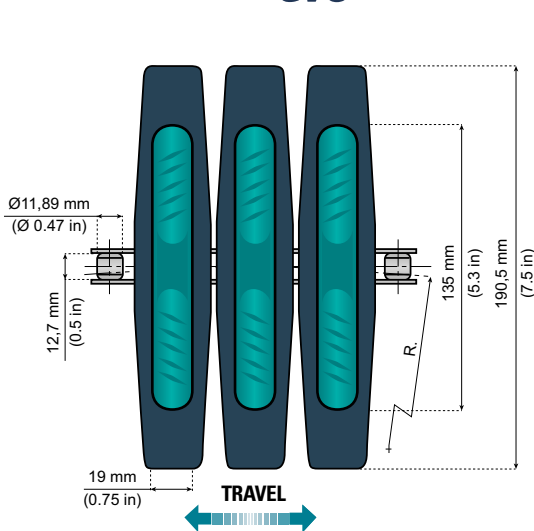


11420a

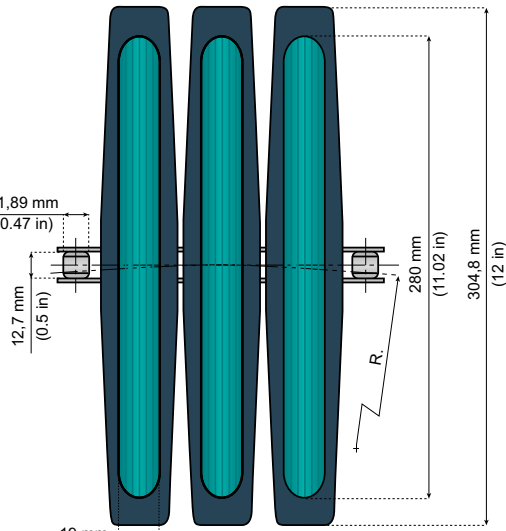
1873 VG

www.SystemPlastSmartGuide.com

SIDEFLEXING PLATE TOP CHAINS WITH HIGH FRICTION SURFACE



K 750

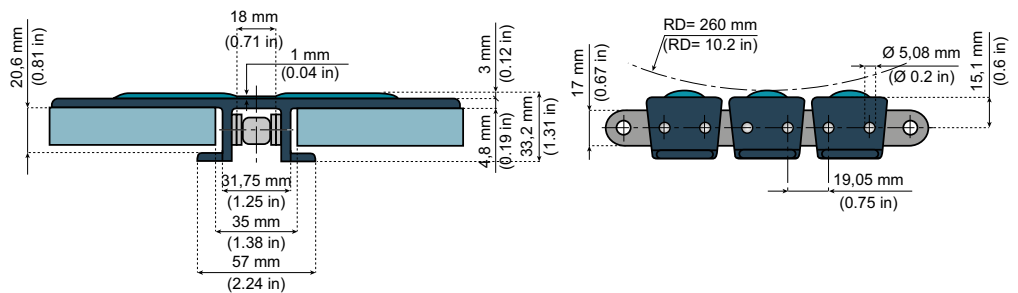


K 1200

Other versions 1873 TAB:

- FT Flat top**
- GS Gripper**
- VG Neck Sterilizer**

Nolu®-S curves are strongly recommended with these chains!



Advantages:

- High speed
- Very high loads
- Long conveyors
- Easy maintenance
- Flights removable
- Low noise
- No chain elongation

NG® evo conveyor components made from engineered plastic resin

Longer wearlife than acetal
 Lower friction than acetal
 Good chemical resistance
 High abrasion resistance
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 Less dust than with acetal chains
 More.....

Note:

ANSI 60 roller chain

50160a

ITEM DESCRIPTION	MATERIAL		BREAKING LOAD		WIDTH L		R MIN.		WEIGHT		
	ROLLER CHAINS	PLATE	RUBBER	N	lbs	mm	in	mm	in	Kg/m	lbs/ft.
NGE1873TAB-K750VG	C45	NGE Grey Blue	TPR Water blue 70 shore A	27000	6080	190,5	7 ½	500	19.7	2,6	1.7
NGE1873SS-TAB-K750VG	Austenitic			21000	4730						
NGE1873TAB-K1200VG	C45			27000	6080	304,8	12	610	24.01	3,8	2.6
NGE1873SS-TAB-K1200VG	Austenitic			21000	4730						

Standard length: 80 pitches (10 ft. - 3,05 m)

Breaking load according to standard ISO 4348 - DIN 8153

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

1 1 4 2 5 a

1873 TAB VG – NECK STERILIZER AND TWISTER CHAIN

SIDEFLEXING PLATE TOP CHAINS WITH HIGH FRICTION SURFACE

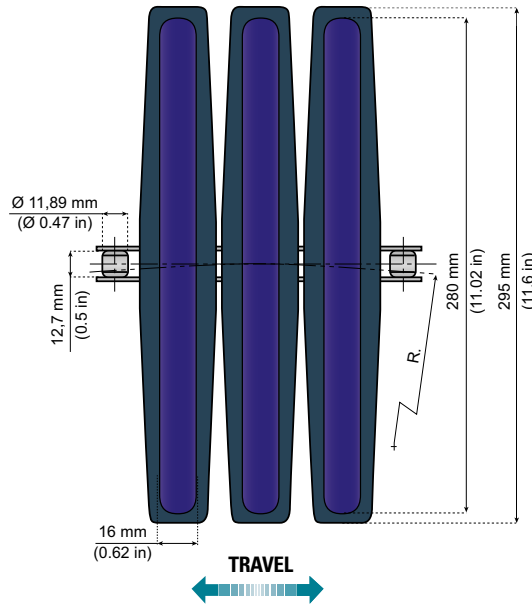
www.SystemPlastSmartGuide.com



New



NG® evo conveyor components
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 Less dust than with acetal chains
 More.....



Other versions
 1873 TAB:

FT
Flat top



GS
Gripper

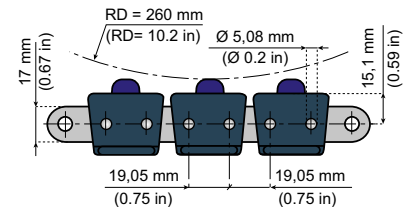
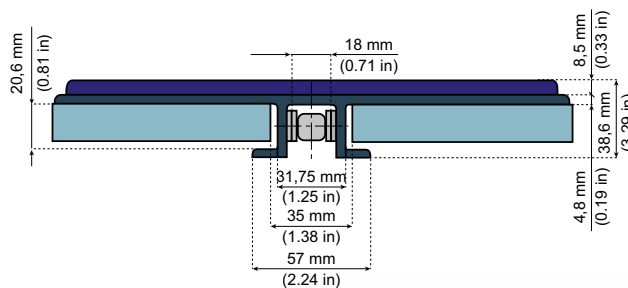


VG
Rubber top



Advantages:

- High speed.
- Very high loads.
- Longer conveyors.
- Easy maintenance.
- Flights removable.
- Lower noise.
- No chain elongation.
- The special design allows for gentle handling of the bottles and avoids bottle distortion and extra pressure on the bottles.
- The design of the rubber on top of the plate gives the bottle a good and stable support.
- Flexibility of the chain for compact design if required.
- Special heat resistant rubber, 85 Shore A.
- Plate in low friction material.
- Flexible base chain, can twist 90° in 1500 mm.
- Metal base chain provides increased strength.



Application Example:



Note:

ANSI 60 roller chain.

5 0 1 6 0 a

ITEM DESCRIPTION	MATERIAL			BREAKING LOAD		WIDTH L		WIDTH WR		R MIN.		WEIGHT	
	ROLLER CHAINS	PLATE	RUBBER	N	lbs	mm	in	mm	in	mm	in	Kg/m	lbs/ft.
NGE1873SS-TAB-K750VG85H8.5	Austenitic	NGE Grey Blue	TPR Water blue 85 shore A	21000	4730	190,5	7.5	186,5	7.4	500	19.7	3.6	2.4
NGE1873SS-TAB-K1161VG85H8.5						295	11.6	280	11.02	610	24.01	4,3	2.9

Standard length: 160 pitches (10 ft. - 3,05 m) - 80 Flights

Breaking load according to standard ISO 4348 - DIN 8153

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

1 1 4 3 0 a

www.SystemPlastSmartGuide.com

878 TAB GS - NGE MATERIAL

SIDEFLEXING PLASTIC CHAINS WITH SNAP ON GRIPPER



continue ▶



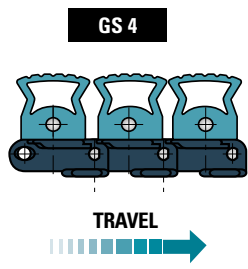
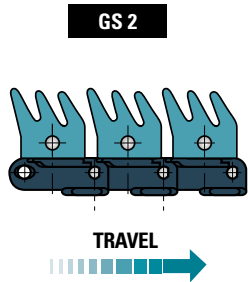
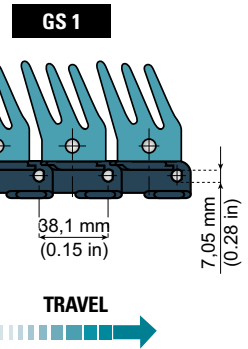
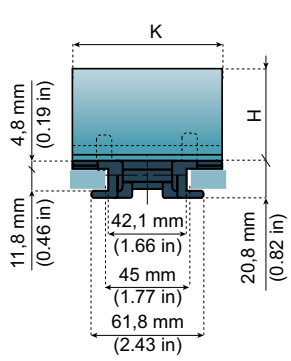
NG® evo conveyor components
made from engineered plastic resin
 Longer wearlife than acetal
 Lower friction than acetal
 Good chemical resistance
 High abrasion resistance
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
 Less dust than with acetal chains
 More.....

Advantages:

- Exceptional durability.
- Optimum performance.
- Extremely low noise level.
- Removable gripper.
- Rubber top with high resistance.

Note:

- Not suitable with oils.



Nolu®-S curves
 are strongly recommended
 with these chains!

**NOW AVAILABLE IN
 CHEMICAL RESISTANT
 MATERIAL**

1 1 2 6 0 a
5 0 1 1 0 a

ITEM DESCRIPTION		K		H		MATERIAL		R MIN.		WEIGHT	
CHAINS	KIT RUBBER + PIN	mm	in	mm	in	PLATE	GRIPPER	mm	in	Kg/m	lbs/ft.
NGE878TAB-K325GS1	GRPN-K325-GS1-TPR	82	3.23	41	1.61	NGE Grey Blue	THERMO-PLASTIC	210	8.27	4,7	3.1
NGE878TAB-K325GS2	GRPN-K325-GS2-TPR	82	3.23	35	1.38	NGE Grey Blue	THERMO-PLASTIC	225	8.9	4,1	2.7
NGE878TAB-K325GS4	GRPN-K325-GS4-TPR	82	3.23	33	1.30	NGE Grey Blue	THERMO-PLASTIC	250	9.84	4,1	2.8

Standard length: 80 pitches (10 ft. - 3,05 m)

Breaking load according to standard ISO 4348 - DIN 8153

For loose rubber grippers, go to:

1 1 4 4 0 a

Other versions 878 TAB:

FT Flat top

VG Rubber top

LBP (low pressure)

continue ▶

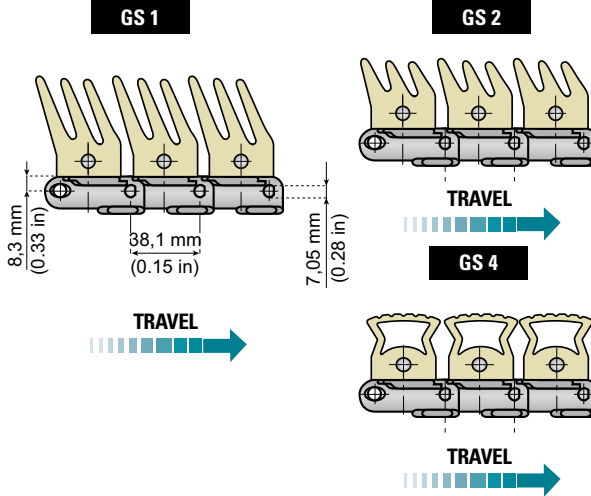
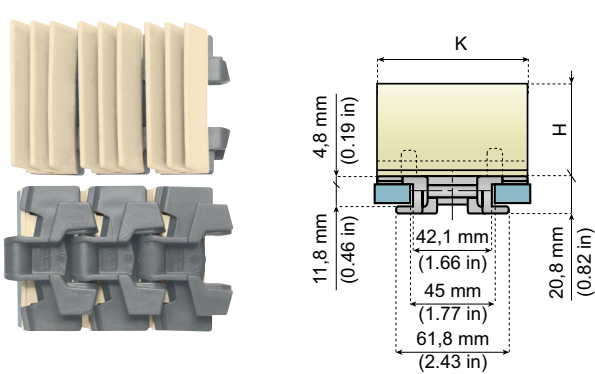
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11430b

878 TAB GS - PP MATERIAL

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SIDEFLEXING PLASTIC CHAINS WITH SNAP ON GRIPPER



back

11260a 50110a



For loose EPDM-PP grippers, go to:

11440b



Information about this product is only available on our Smart Guide® website.

ITEM DESCRIPTION	K		H		MATERIAL		R MIN.		WEIGHT	
	mm	in	mm	in	PLATE	GRIPPER	mm	in	Kg/m	lbs/ft.
PP878TAB-K325GS1	82	3.23	41	1.61	PP Grey	EPDM - PP beige	210	8.27	4,7	3.1
PP878TAB-K325GS2	82	3.23	35	1.38	PP Grey	EPDM - PP beige	225	8.86	4,1	2.7
PP878TAB-K325GS4	82	3.23	33	1.30	PP Grey	EPDM - PP beige	250	9.84	4,1	2.8

Standard length: 80 pitches (10 ft. - 3,05 m)

Breaking load according to standard ISO 4348 - DIN 8153

878 TAB GS - NGE & PP MATERIAL

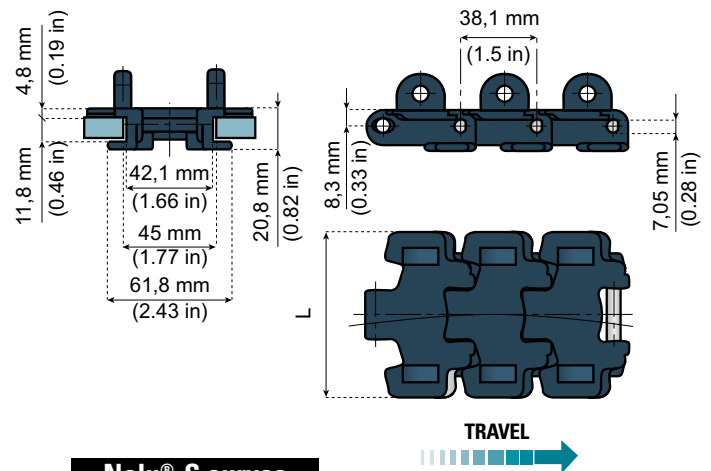
SIDEFLEXING PLASTIC PLATE TOP BASE CHAINS



NOW AVAILABLE IN CHEMICAL RESISTANT MATERIAL

NG® evo conveyor components made from engineered plastic resin

Longer wearlife than acetal
Lower friction than acetal
Good chemical resistance
High abrasion resistance
It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
Less dust than with acetal chains
More.....



Nolu®-S curves

are strongly recommended with these chains!

11260a

- Advantages:**
- Exceptional durability.
 - Optimum performance.
 - Extremely low noise level.
 - Removable gripper.
 - Rubber top with high resistance.
- Note:**
- Not suitable with oils.

ITEM DESCRIPTION	MATERIAL	BREAKING LOAD		WIDTH L		WEIGHT	
		N	lbs	mm	in	Kg/m	lbs/ft.
NGE878TAB-K325GS	NGE Grey Blue	5400	1200	82,5	3 ¼	0,9	0.6
PP878TAB-K325GS	PP Grey	5400	1200	82,5	3 ¼	0,9	0.6

Standard length: 80 pitches (10 ft. - 3,05 m)

Breaking load according to standard ISO 4348 - DIN 8153

back

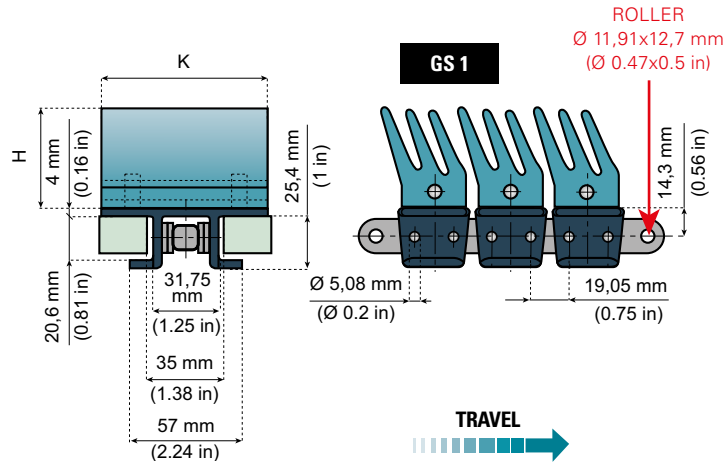
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11440a

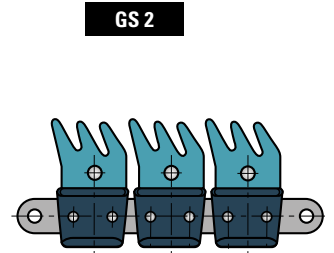
www.SystemPlastSmartGuide.com

1873 TAB GS - NGE MATERIAL

SIDEFLEXING PLATE TOP CHAINS WITH SNAP ON GRIPPER

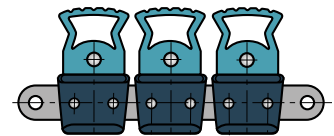


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TRAVEL →

GS 4



TRAVEL →

NG® evo conveyor components made from engineered plastic resin
 Longer wearlife than acetal
 Lower friction than acetal
 Good chemical resistance
 High abrasion resistance
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
 Less dust than with acetal chains
 More.....

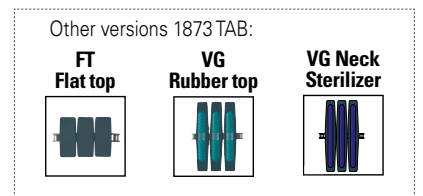
Note:
ANSI 60 roller chain

50160a

ITEM DESCRIPTION			K		H		MATERIAL			WEIGHT	
CHAINS	KIT FLIGHT RUBBER + PIN	ONLY RUBBER	mm	in	mm	in	ROLLER CHAIN	PLATE	GRIPPER	Kg/m	lbs/ft.
NGE1873TAB-K325GS1	GRPK-NGE1873TAB-K325GS1-TPR	GRP-K325-GS1-TPR	82	3.23	41	1.61	C45	NGE Grey Blue	THERMO-PLASTIC	4,7	3.1
NGE1873SS-TAB-K325GS1							Austenitic C45				
NGE1873TAB-K450GS1	GRPK-NGE1873TAB-K450GS1-TPR	GRP-K450-GS1-TPR	114	4.5	41	1.61	C45	NGE Grey Blue	THERMO-PLASTIC	7,1	4.7
NGE1873SS-TAB-K450GS1							Austenitic				
NGE1873TAB-K325GS2	GRPK-NGE1873TAB-K325GS2-TPR	GRP-K325-GS2-TPR	82	3.23	35	1.38	C45	NGE Grey Blue	THERMO-PLASTIC	4,1	2.7
NGE1873SS-TAB-K325GS2							Austenitic C45				
NGE1873TAB-K450GS2	GRPK-NGE1873TAB-K450GS2-TPR	GRP-K450-GS2-TPR	114	4.5	35	1.38	C45	NGE Grey Blue	THERMO-PLASTIC	6,4	4.3
NGE1873SS-TAB-K450GS2							Austenitic				
NGE1873TAB-K325GS4	GRPK-NGE1873TAB-K325GS4-TPR	GRP-K325-GS4-TPR	82	3.23	33	1.3	C45	NGE Grey Blue	THERMO-PLASTIC	4,2	2.8
NGE1873SS-TAB-K325GS4							Austenitic C45				
NGE1873TAB-K450GS4	GRPK-NGE1873TAB-K450GS4-TPR	GRP-K450-GS4-TPR	114	4.5	33	1.3	C45	NGE Grey Blue	THERMO-PLASTIC	6,6	4.4
NGE1873SS-TAB-K450GS4							Austenitic				

Standard length: 160 pitches (10 ft. - 3,05 m) - 80 Flights

Breaking load according to standard ISO 4348 - DIN 8153



continue ▶

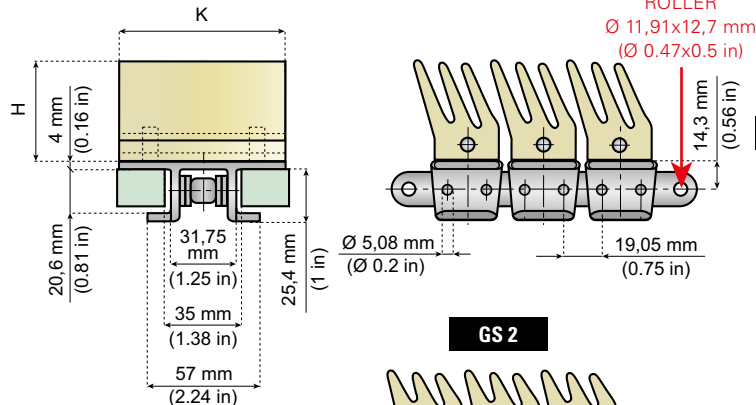
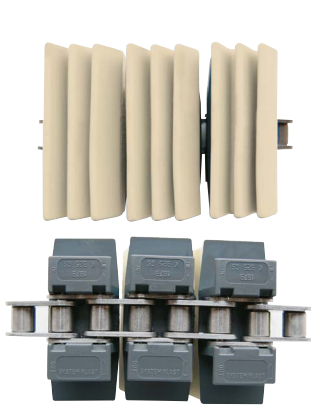
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11440b

1873 TAB GS - PP MATERIAL

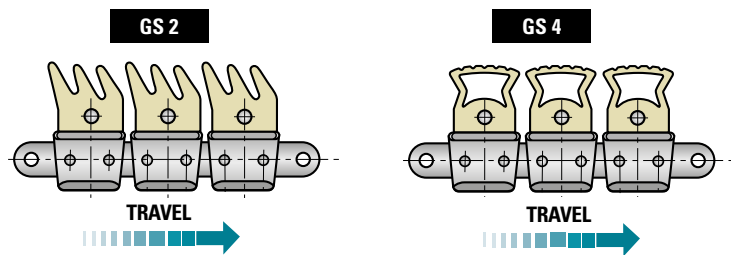
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SIDEFLEXING PLASTIC CHAINS WITH SNAP ON GRIPPER



back

50160a



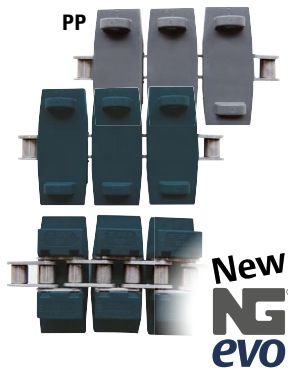
ITEM DESCRIPTION			K		H		MATERIAL			WEIGHT	
CHAINS	KIT FLIGHT RUBBER + PIN	ONLY RUBBER	mm	in	mm	in	ROLLER CHAIN	PLATE	Gripper	Kg/m	lbs/ft.
PP1873SS-TAB-K325GS1	GRP-K325-GS1-EPDM	GRP-K325-GS1-EPDM	82	3.23	41	1.61	Austenitic	PP Grey	EPDM - PP beige	4,7	3.1
PP1873SS-TAB-K450GS1	GRP-K450-GS1-EPDM	GRP-K450-GS1-EPDM	114	4.5						7,1	4.7
PP1873SS-TAB-K325GS2	GRP-K325-GS2-EPDM	GRP-K325-GS2-EPDM	82	3.23	35	1.38	Austenitic	PP Grey	EPDM - PP beige	4,1	2.7
PP1873SS-TAB-K450GS2	GRP-K450-GS2-EPDM	GRP-K450-GS2-EPDM	114	4.5						6,4	4.3
PP1873SS-TAB-K325GS4	GRP-K325-GS4-EPDM	GRP-K325-GS4-EPDM	82	3.23	33	1.3	Austenitic	PP Grey	EPDM - PP beige	4,2	2.8
PP1873SS-TAB-K450GS4	GRP-K450-GS4-EPDM	GRP-K450-GS4-EPDM	114	4.5						6,6	4.4

Standard length: 160 pitches (10 ft. - 3,05 m) - 80 Flights

Breaking load according to standard ISO 4348 - DIN 8153

1873 GS - NGE & PP MATERIAL

SIDEFLEXING PLASTIC PLATE TOP BASE ROLLER CHAINS (PITCH 3/4" - 19,05 MM) FOR SNAP ON GRIPPER



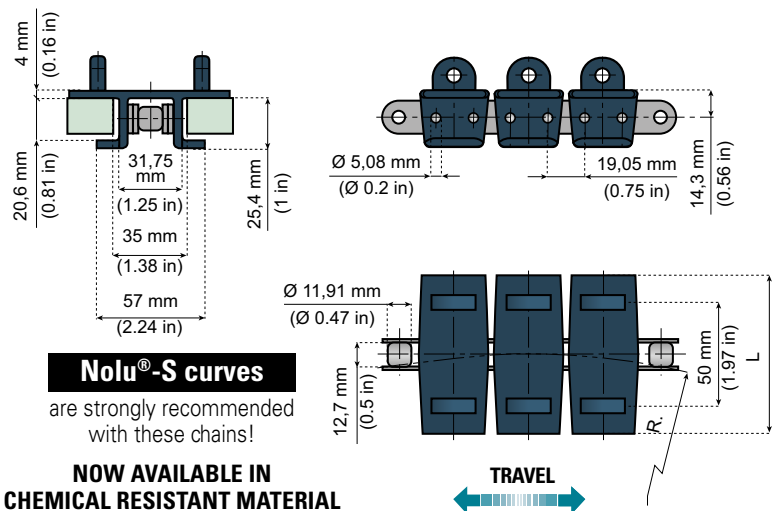
NG® evo conveyor components made from engineered plastic resin
 Longer wearlife than acetal
 Lower friction than acetal
 Good chemical resistance
 High abrasion resistance
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
 Less dust than with acetal chains
 More.....

Advantages:

- High wear resistance
- High speeds
- Exceptional durability
- Optimum performance
- Extremely low noise level
- Removable gripper
- Rubber top with high resistance
- Plastic snap-on links

Note:

- Not suitable with oils
- ANSI 60 roller chain



Nolu®-S curves

are strongly recommended with these chains!

NOW AVAILABLE IN CHEMICAL RESISTANT MATERIAL

ITEM DESCRIPTION	MATERIAL		BREAKING LOAD		WIDTH L		RMIN.		WEIGHT	
	ROLLER CHAIN	PLATE	N	lbs	mm	in	mm	in	Kg/m	lbs/ft.
NGE1873TAB-K325GS	C45	NGE Grey Blue	27000	6080	82,5	3 ¼	380	15	2,4	1.6
NGE1873SS-TAB-K325GS	Austenitic		21000	4730						
NGE1873TAB-K450GS	C45		27000	6080	114,3	4 ½			2,9	1.9
NGE1873SS-TAB-K450GS	Austenitic		21000	4730						
PP1873SS-TAB-K325GS	Austenitic	PP Grey	21000	4730	82,5	3 ¼	380	15	2,4	1.6
PP1873SS-TAB-K450GS					114,3	4 ½			2,9	1.9

Standard length: 160 pitches (10 ft. - 3,05 m) - 80 Flights

Breaking load according to standard ISO 4348 - DIN 8153

back

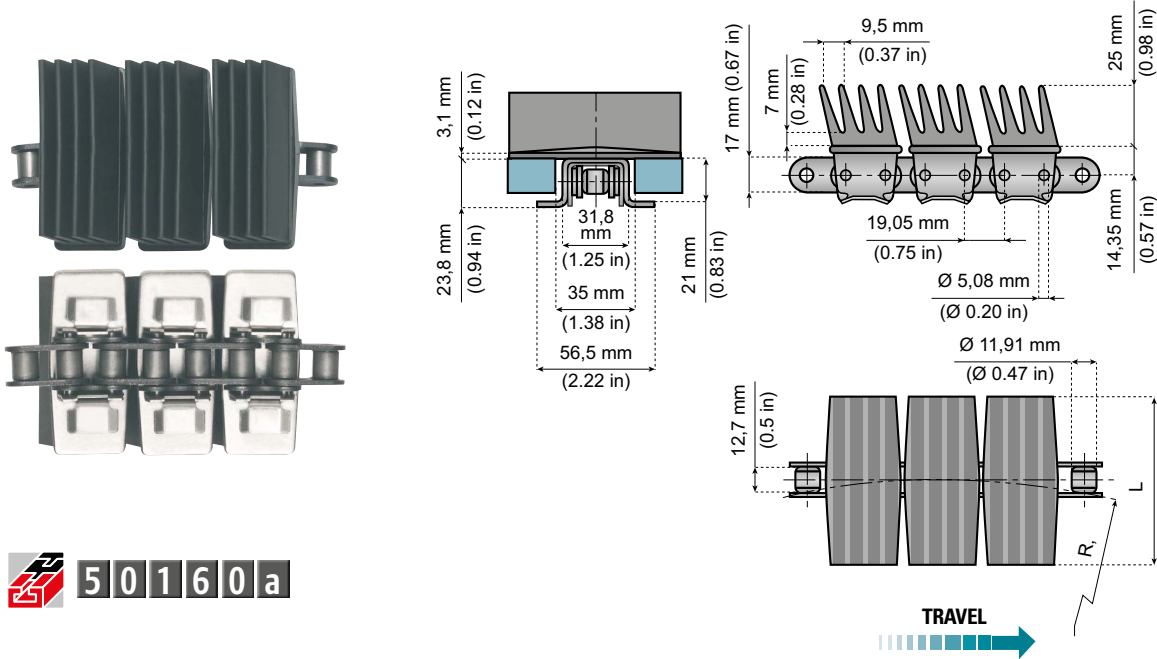
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11450a

1874 GV

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SIDEFLEXING PLASTIC PLATE TOP CHAINS WITH SNAP ON GRIPPER



50160a

Application:

Elevating and lowering conveyors.

Characteristics:

Gripper pads are utilized for a wide range of applications due to their unique mechanical properties. They offer users high laceration and abrasion resistance, good resistance to deformation and excellent resistance to fatigue and heat.

Note:

ANSI 60 roller chain

ITEM DESCRIPTION	MATERIAL			BREAKING LOAD		WIDTH L		R MIN.		WEIGHT	
	ROLLER CHAIN	PLATE	RUBBER	N	lbs	mm	in	mm	in	Kg/m	lbs/ft.
1874A-TAB-K325GV	C45	Austenitic	NBR	27000	6080	82,5	3 ¼	380	15	5,8	3.9
1874SS-TAB-K325GV	Austenitic			21000	4730						
1874SS-TAB-K325GVE	Austenitic		EPDM	21000	4730						

Standard length: 160 pitches (10 ft. - 3,05 m) - 80 Flights

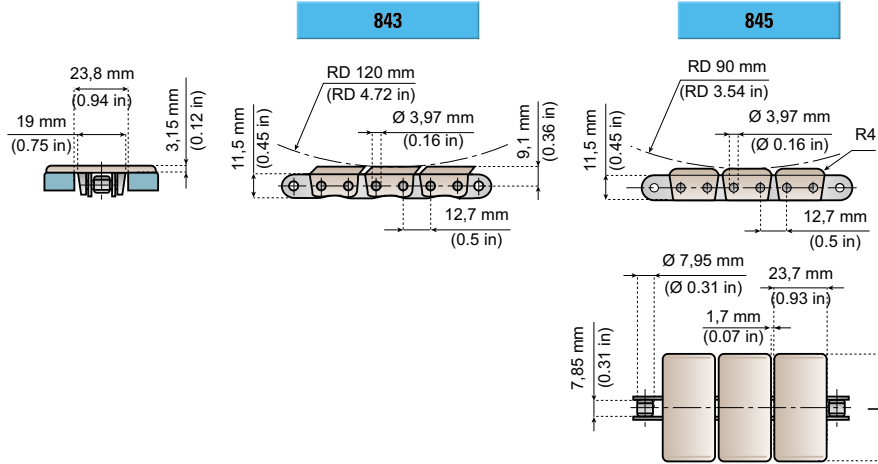
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11460a

843 - 845

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STRAIGHT RUNNING PLATE TOP CHAINS WITH BASE ROLLER (PITCH 1/2" - 12,7 mm)

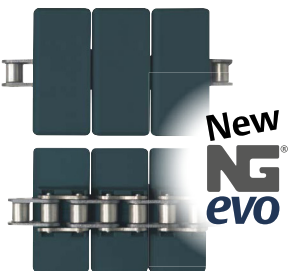


Advantages:

- High speed
- Low noise
- Small pitch
- Reduced chordal effect
- Reduced sprocket diameter
- Easy maintenance
- Plastic flights removable
- High loads

Note: ANSI 40 roller chain

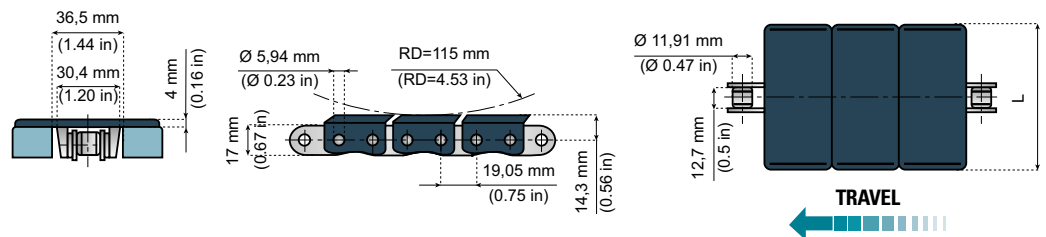
ITEM DESCRIPTION	MATERIAL		BREAKING LOAD		WIDTH L		WEIGHT	
	ROLLER CHAIN	TOP PLATE	N	lbs	mm	in	Kg/m	lbs/ft.
LF845-K200	C45	LF Brown	10690	2400	50,8	2	0,9	0,6
LF845SS-K200	Austenitic		10690	2400	50,8	2	0,9	0,6
LF843-K100	C45		16900	3800	25,4	1	0,8	0,6
LF843-K125			31,8		1 1/4	0,8	0,6	
LF843-K138			34,9		1 3/8	0,8	0,6	
LF843-K144			36,5		1 7/16	0,8	0,6	
LF843-K200			50,8		2	0,9	0,6	
LF843-K325			82,5		3 1/4	1,0	0,7	
LF843SS-K100	Austenitic		10690	2400	25,4	1	0,8	0,6
LF843SS-K125			31,8		1 1/4	0,8	0,6	
LF843SS-K138			34,9		1 3/8	0,8	0,6	
LF843SS-K144			36,5		1 7/16	0,8	0,6	
LF843SS-K200			50,8		2	0,9	0,6	
LF843SS-K325			82,5		3 1/4	1,0	0,7	



NG evo conveyor components made from engineered plastic resin

- Longer wearlife than acetal
- Lower friction than acetal
- Good chemical resistance
- High abrasion resistance
- It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
- Less dust than with acetal chains
- More.....

863 STRAIGHT RUNNING PLATE TOP CHAINS WITH BASE ROLLER (PITCH 3/4" - 19,05 mm)



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.

Note: ANSI 60 roller chain

ITEM DESCRIPTION	MATERIAL		BREAKING LOAD		WIDTH L		WEIGHT	
	ROLLER CHAIN	TOP PLATE	N	lbs	mm	in	Kg/m	lbs/ft.
NGE863-K325	C45	NGE Grey Blue	38000	8550	82,5	3 1/4	2,1	1,4
NGE863-K450					114,3	4 1/2	2,2	1,5
NGE863-K600					152,4	6	2,5	1,7
NGE863-K750					190,5	7 1/2	2,7	1,8
NGE863SS-K325	Austenitic	NGE Grey Blue	30000	6750	82,5	3 1/4	2,1	1,4
NGE863SS-K450					114,3	4 1/2	2,2	1,5
NGE863SS-K600					152,4	6	2,5	1,7
NGE863SS-K750					190,5	7 1/2	2,7	1,8

Standard length: 240 pitches (10 ft. - 3,05 m) - 120 Flights

Breaking load according to standard ISO 4348 - DIN 8153

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

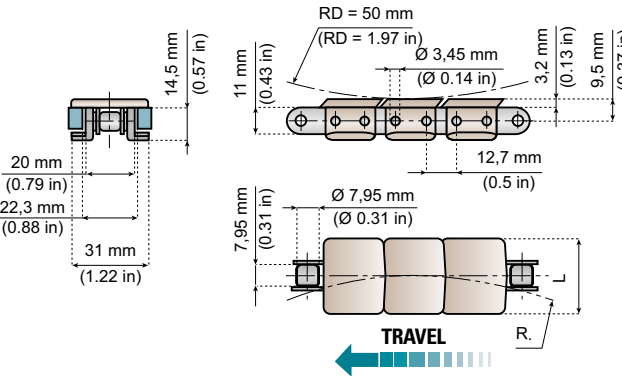
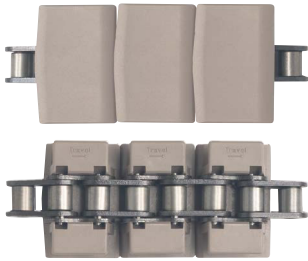


11470a

1843

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SIDEFLEXING OVERLAPPING PLATE TOP CHAINS WITH BASE ROLLER (PITCH 1/2" - 12,7 mm)



Advantages:

- Small pitch.
- Small sprocket diameter and chordal effect.
- Continuous flat conveying surface.

Note:

ANSI 40 roller chain

Nolu®-S curves

are strongly recommended with these chains!

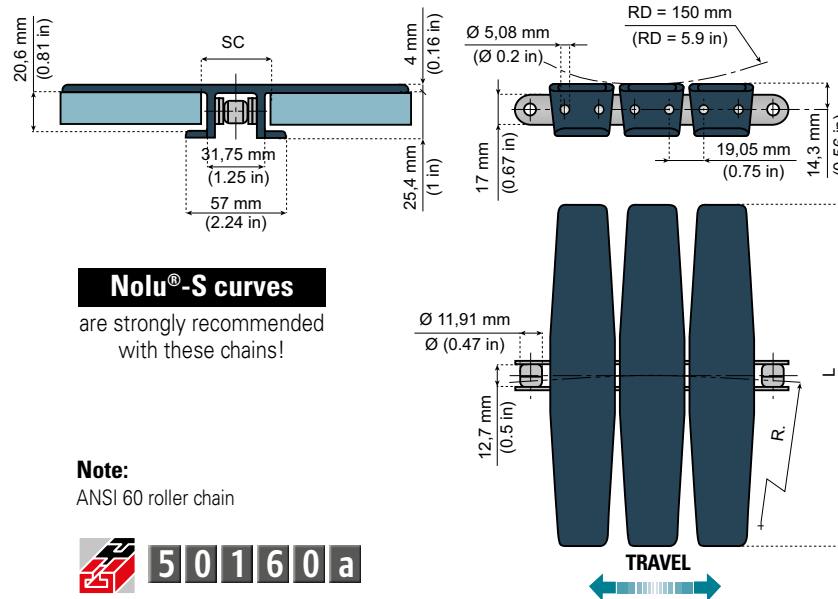
ITEM DESCRIPTION	MATERIAL		BREAKING LOAD		WIDTH L		R		WEIGHT	
	ROLLER CHAIN	TOP PLATE	N	lbs	mm	in.	mm	in.	Kg/m	lbs/ft.
LF1843TAB-K125	C45	LF Brown	13000	2930	31,8	1 ¼	254	10	0,7	0.5
LF1843TAB-K200					50,8	2			0,9	0.6
LF1843SS-TAB-K125	Austenitic	LF Brown	10000	2250	31,8	1 ¼	254	10	0,7	0.5
LF1843SS-TAB-K200					50,8	2			0,9	0.6

Standard length: 240 pitches (10 Ft - 3,05 m) - 120 flights



New **NG evo**

1873 TAB SIDEFLEXING PLATE TOP CHAINS WITH BASE ROLLER (PITCH 3/4" - 19,05 mm)



Nolu®-S curves

are strongly recommended with these chains!

Note:

ANSI 60 roller chain

50160a

Other versions

1873 TAB:

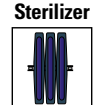
VG Rubber top



GS Gripper



VG Neck Sterilizer



NG® evo conveyor components made from engineered plastic resin
 Longer wearlife than acetal
 Lower friction than acetal
 Good chemical resistance
 High abrasion resistance
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
 Less dust than with acetal chains
 More.....

ITEM DESCRIPTION	MATERIAL		BREAKING LOAD		WIDTH L		R MIN.		SC				WEIGHT	
	ROLLER CHAIN	PLATE	N	lbs	mm	in.	mm	in.	STRAIGHT		CURVING		Kg/m	lbs/ft.
									mm	in.	mm	in.		
NGE1873TAB-K225	C45	NGE Grey Blue	27000	6080	57,1	2 ¼	380	15	33,3	1,3	35	1,38	2,0	1.3
NGE1873TAB-K325					82,5	3 ¼							2,1	1.4
NGE1873TAB-K450					114,3	4 ½							2,2	1.5
NGE1873TAB-K600					152,4	6	2,4	1.6						
NGE1873TAB-K750					190,5	7 ½	2,6	1.7						
NGE1873TAB-K1000					254,0	10	2,8	1.9						
NGE1873TAB-K1200	Austenitic	NGE Grey Blue	21000	4730	304,8	12	610	24	33,3	1,3	35	1,38	3,0	2.0
NGE1873SS-TAB-K225					57,1	2 ¼							2,0	1.3
NGE1873SS-TAB-K325					82,5	3 ¼							2,1	1.4
NGE1873SS-TAB-K450					114,3	4 ½	2,2	1.5						
NGE1873SS-TAB-K600					152,4	6	2,4	1.6						
NGE1873SS-TAB-K750					190,5	7 ½	2,6	1.7						
NGE1873SS-TAB-K1000	254,0	10	2,8	1.9										
NGE1873SS-TAB-K1200	304,8	12	3,0	2.0										

Standard length: 160 pitches (10 ft. - 3,05 m) - 80 flights

Breaking load according to standard ISO 4348 - DIN 8153

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11490a

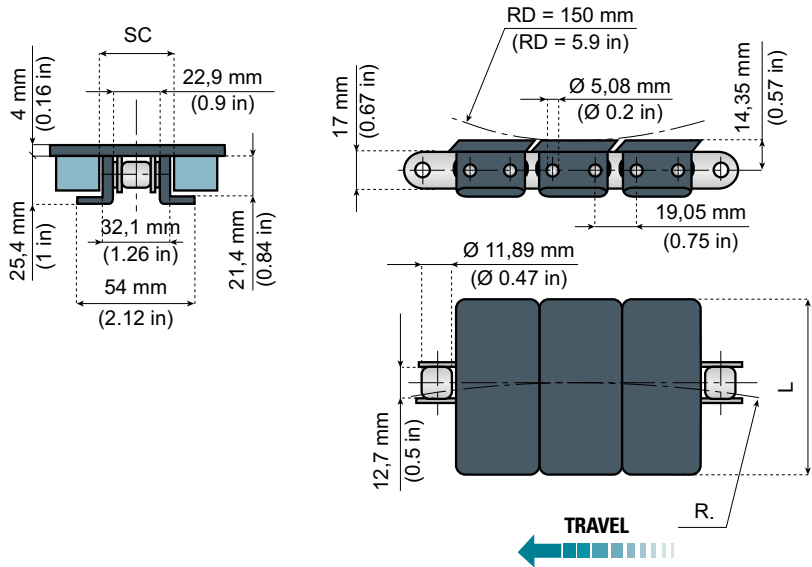
1863 TAB

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SIDEFLEXING OVERLAPPING PLATE TOP CHAINS WITH BASE ROLLER (PITCH 3/4" - 19,05 mm)



New
NG
evo



NG® evo conveyor components
made from engineered plastic resin

- Longer wearlife than acetal
- Lower friction than acetal
- Good chemical resistance
- High abrasion resistance

It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact

- Less dust than with acetal chains
- More.....

Advantages:

- Overlapping flights reduce gap between flights and assure better product stability
- Improved safety because of the reduced flights gap on both the straight and curved sections of the conveyor
- Interchangeable with 1873 series

Note:
ANSI 60 roller chain

ITEM DESCRIPTION	MATERIAL		BREAKING LOAD		WIDTH L		R MIN.		SC				WEIGHT	
	ROLLER CHAIN	PLATE	N	lbs	mm	in	mm	in	STRAIGHT		CURVING		Kg/m	lbs/ft.
									mm	in	mm	in		
NGE1863TAB-K225	C45	NGE Grey Blue	27000	6080	57,2	2 ¼	380	15	33,3	1.3	35	1.38	2,0	1.3
NGE1863TAB-K325					82,5	3 ¼								
NGE1863SS-TAB-K225	Austenitic	NGE Grey Blue	21000	4730	57,2	2 ¼	380	15	33,3	1.3	35	1.38	2,0	1.3
NGE1863SS-TAB-K325					82,5	3 ¼								

Standard length: 160 pitches (10 ft. - 3,05 m) - 80 Flights

Breaking load according to standard ISO 4348 - DIN 8153

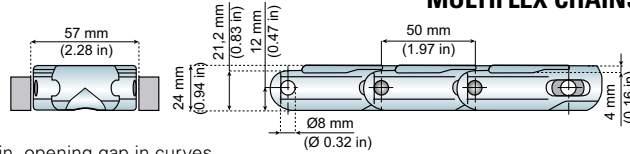
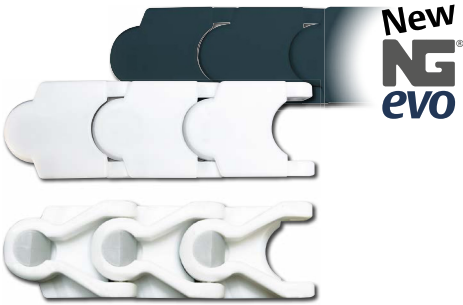
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11530a

1706 - 1700 - 1702 - 1701 TAB

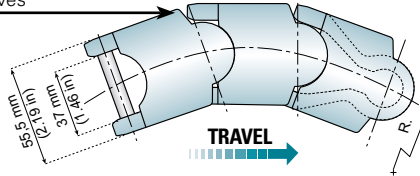
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MULTIFLEX CHAINS



Min. opening gap in curves for improved safety

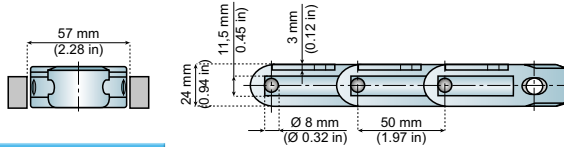
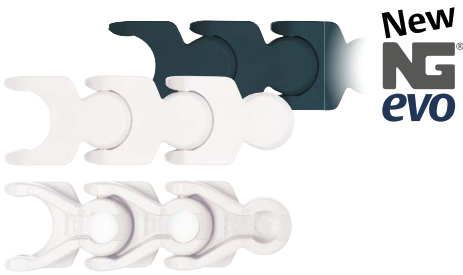
1706
SAFETY CHAIN



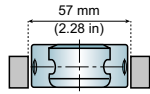
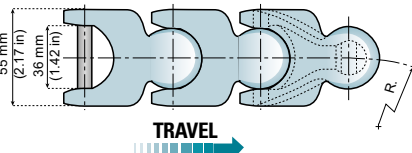
Pin Material: Austenitic Stainless Steel

ITEM DESCRIPTION	MATERIAL LINK	BREAKING LOAD		R MIN.		WEIGHT	
		N	lbs	mm	in	Kg/m	lbs/ft.
NGE1706	NGE Grey Blue	7200	1600	125	4.9	1,3	0.9
LFW1706	LFW White	8000	1800	125	4.9	1,3	0.9

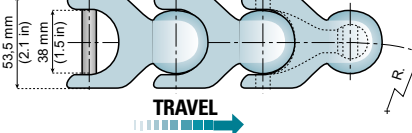
NG® evo conveyor components made from engineered plastic resin
 Longer wearlife than acetal
 Lower friction than acetal
 Good chemical resistance
 High abrasion resistance
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
 Less dust than with acetal chains
 More.....



1700

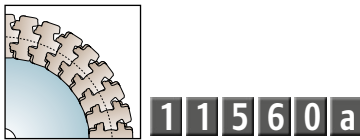


1702



Pin Material: Austenitic Stainless Steel

ITEM DESCRIPTION	MATERIAL LINK	BREAKING LOAD		R MIN.		WEIGHT	
		N	lbs	mm	in	Kg/m	lbs/ft.
NGE1700	NGE Grey Blue	7700	1700	150	5.9	1,3	0.9
LF1700	LF Brown	8500	1900	150	5.9	1,3	0.9
LFG1700	LFG Grey	8500	1900	150	5.9	1,3	0.9
LFW1700	LFW White	8500	1900	150	5.9	1,3	0.9
NGE1702	NGE Grey Blue	8600	1900	150	5.9	1,4	0.9
LF1702	LF Brown	9500	2100	150	5.9	1,4	0.9
LFG1702	LFG Grey	9500	2100	150	5.9	1,4	0.9
LFW1702	LFW White	9500	2100	150	5.9	1,4	0.9



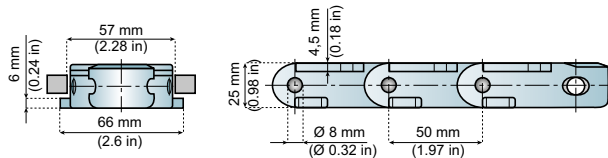
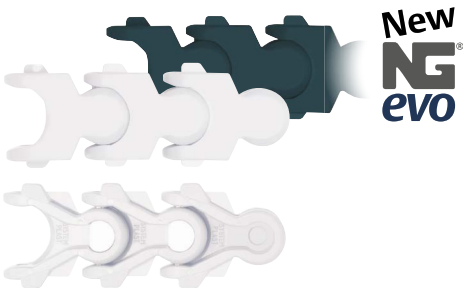
11560a



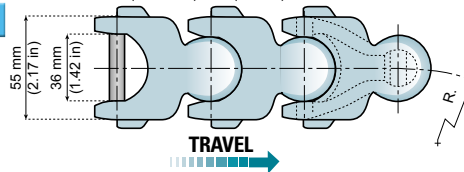
50170a



11550a



1701 TAB



Pin Material: Austenitic Stainless Steel

1701 TAB and have identical dimensions as 1700 series but include TAB configuration to hold down chains especially in curves.

ITEM DESCRIPTION	MATERIAL LINK	BREAKING LOAD		R MIN.		WEIGHT	
		N	lbs	mm	in	Kg/m	lbs/ft.
NGE1701-TAB	NGE Grey Blue	8600	1900	150	5.9	1,4	0.9
LF1701-TAB	LF Brown	9500	2100	150	5.9	1,4	0.9
LFW1701-TAB	LFW White	9500	2100	150	5.9	1,4	0.9

Standard length: 61 pitches (10 ft. - 3,050 m)

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

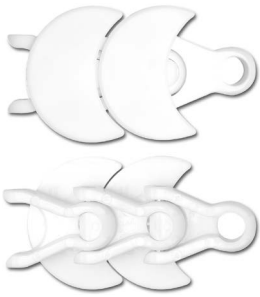


11540a

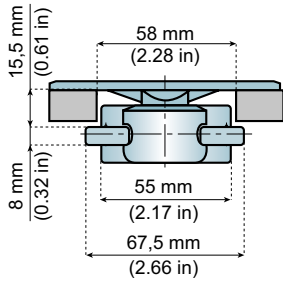
1710

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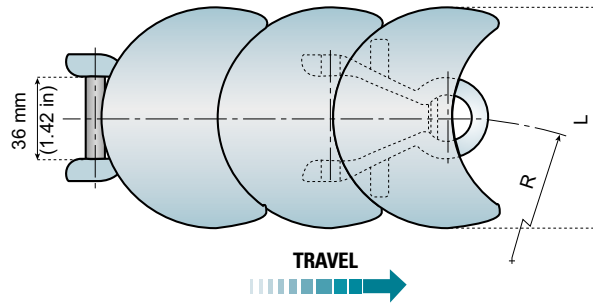
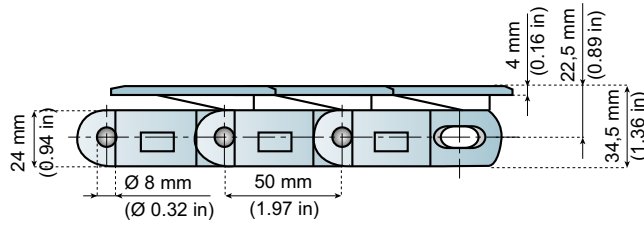
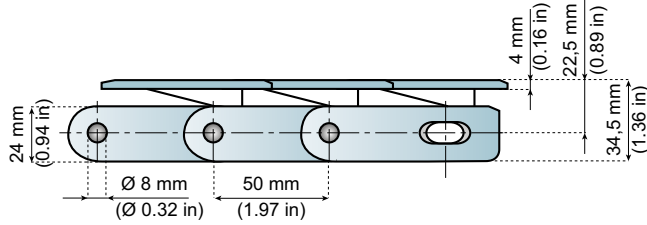
MULTIFLEX CHAINS



1710



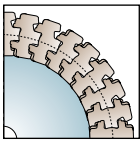
1710-CTAB



50170a



11550a



11560a

Pin Material: Austenitic Stainless Steel

ITEM DESCRIPTION	MATERIAL LINK	L	BREAKING LOAD		R MIN.		WEIGHT	
			N	lbs	mm	in	Kg/m	lbs/ft.
LFG1710-K375	LFG	95	10500	2360	150	5.9	1,9	1.3
LFG1710-K750	Grey	190			500	19.7	2,4	1.6
LFW1710-K375	LFW	95	10500	2360	150	5.9	1,9	1.3
LFW1710-K750	White	190			500	19.7	2,4	1.6
LFG1710-CTAB-K375	LFG	95	10500	2360	150	5.9	1,9	1.3
LFG1710-CTAB-K750	Grey	190			500	19.7	2,4	1.6
LFW1710-CTAB-K375	LFW	95	10500	2360	150	5.9	1,9	1.3
LFW1710-CTAB-K750	White	190			500	19.7	2,4	1.6

Standard length: 61 pitches (10 ft. - 3,050 m)

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

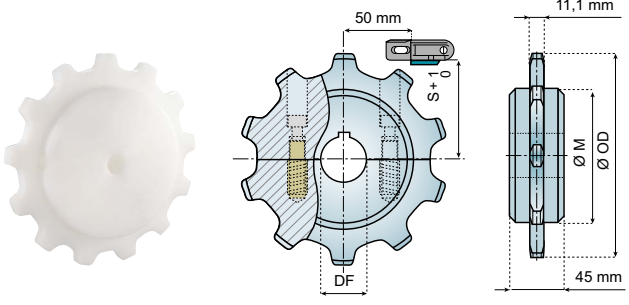


11550a

DRIVE AND RETURN SPROCKETS

FOR MULTIFLEX CHAINS

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New design

30990a

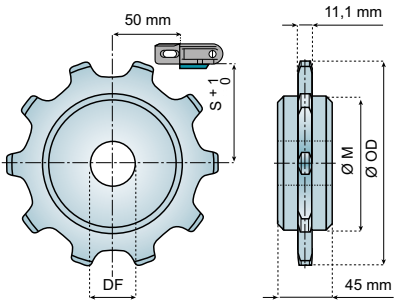
Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.

MACHINED DRIVE SPROCKETS - SPLIT FIXED

Z	Ø M mm	Ø 23*	Ø 25	Ø 30	Ø 35	Ø 40
		ITEM DESCRIPTION				
8	88	1700-8R23M-RMS	1700-8R25M-DMS	1700-8R30M-DMS	1700-8R35M-DMS	1700-8R40M-DMS
10	110	1700-10R23M-RMS	1700-10R25M-DMS	1700-10R30M-DMS	1700-10R35M-DMS	1700-10R40M-DMS
13	150	1700-13R23M-RMS	1700-13R25M-DMS	1700-13R30M-DMS	1700-13R35M-DMS	1700-13R40M-DMS

Material: polyamide (natural white); screws in stainless steel, bushings in brass, DIN 6885 key seat. *Plain bore



See also the chains:

1700-1702-1701 TAB-1706

11530a

1710-1713

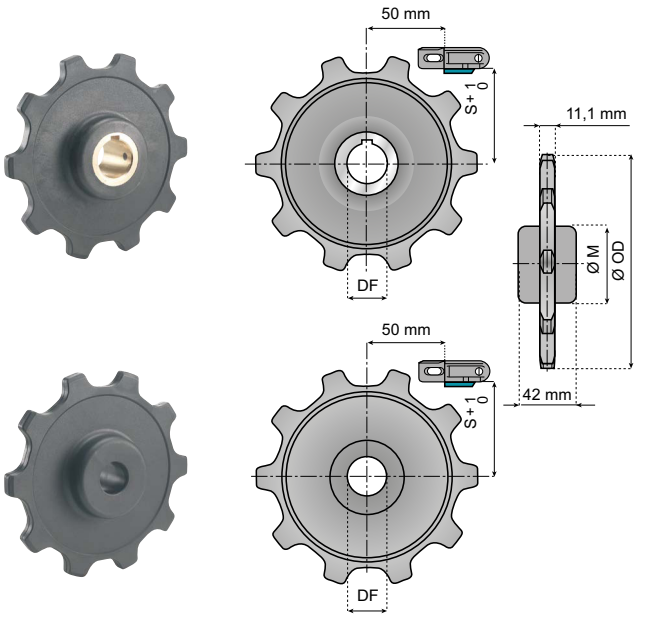
11540a

Z	Ø OD mm	S mm
8	136,3	53,0
10	165,1	69,0
13	215,0	93,5

MACHINED RETURN SPROCKETS - ONE PIECE

Z	Ø M mm	Ø 25	Ø 30	Ø 35	Ø 40
		ITEM DESCRIPTION			
8	85	1700-8R25M-RM	1700-8R30M-RM	1700-8R35M-RM	1700-8R40M-RM
10	110	1700-10R25M-RM	1700-10R30M-RM	1700-10R35M-RM	1700-10R40M-RM
13	150	1700-13R25M-RM	1700-13R30M-RM	1700-13R35M-RM	1700-13R40M-RM

Material: polyamide (natural white).



MOLDED DRIVE SPROCKETS - ONE PIECE TIGHT

Z	Ø M mm	Ø 25	Ø 30
		ITEM DESCRIPTION	
8	55	1700-8R25M-D	1700-8R30M-D
10	65	1700-10R25M-D	1700-10R30M-D

Material: reinforced polyamide (black); hub in brass (Z-10 only). DIN 6885 key seat.

MOLDED RETURN SPROCKETS - ONE PIECE

Z	Ø M mm	Ø 25	Ø 30
		ITEM DESCRIPTION	
8	55	1700-8R25M-R	1700-8R30M-R
10	65	1700-10R25M-R	1700-10R30M-R

Material: reinforced polyamide (black).

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11560 a

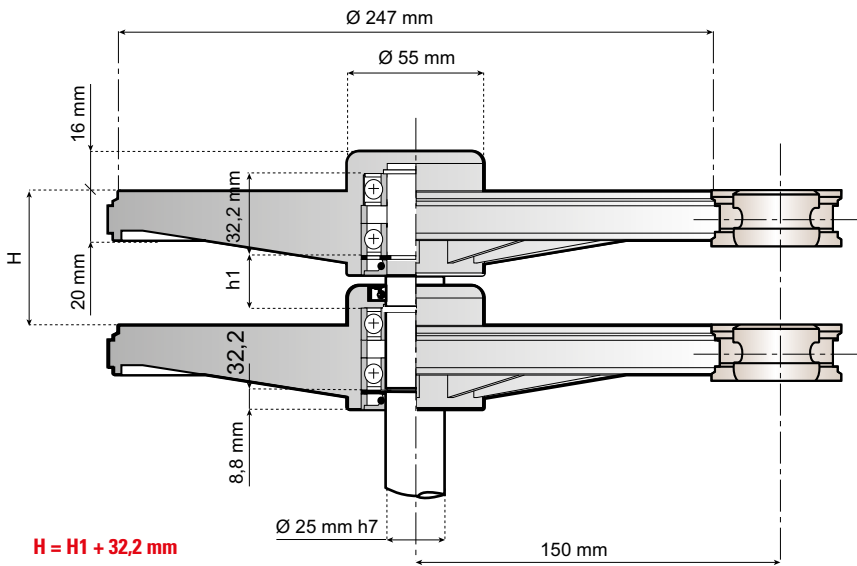
CORNER DISK FOR MULTIFLEX CHAINS

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- 1 - Turning disk.
- 2 - Single race radial ball bearing with two sliding seals, type 6005-2RS (25x47x12).
- 3 - External (retaining) ring, Ø 25 DIN 471.
- 4 - Seal ring with dust cover, 25x47x7 DIN 3760 (NBR rubber).
- 5 - Internal (retaining) ring, Ø 47 DIN 472.
- 6 - Bearing spacer.
- 7 - Seal ring with dust cover, 25x35x7 DIN 3760 (NBR rubber).

Molded version



TYPES OF CHAIN:

1700 - 1702 - 1706
1710 (ONLY R 150)

Material: polyamide reinforced with glass fiber.

Colour: black.

TURNING DISK CLOSED VERSION

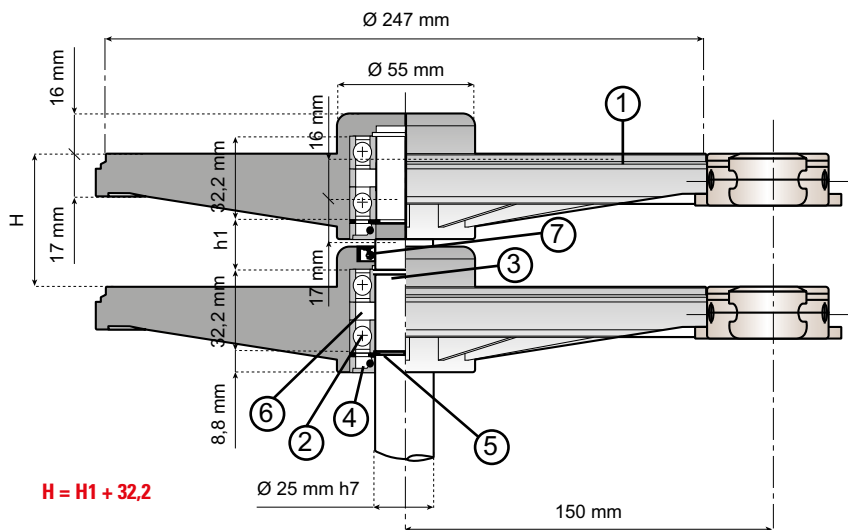
ITEM DESCRIPTION

1700-300R25M-RC

TURNING DISK OPEN VERSION

ITEM DESCRIPTION

1700-300R25M-RB



TYPE OF CHAIN:

1701 TAB

Material: polyamide reinforced with glass fiber.

Colour: black.

TURNING DISK CLOSED VERSION

ITEM DESCRIPTION

1701T-300R25M-RC

TURNING DISK OPEN VERSION

ITEM DESCRIPTION

1701T-300R25M-RB



Multiflex chains

11530 a

11540 a

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	



11570a

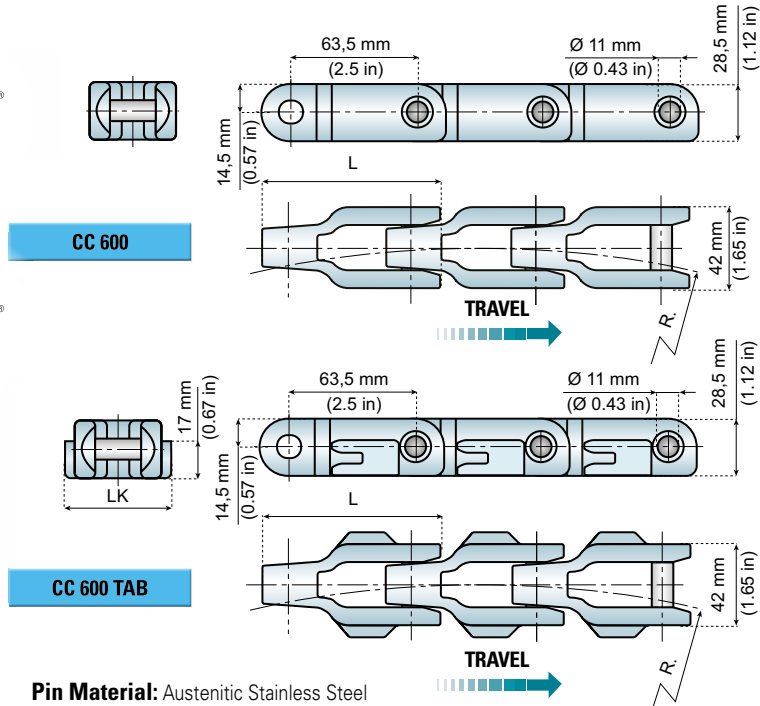
CC 600 - CC 600 TAB CRATE CONVEYOR CHAINS

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New
NG
evo

New
NG
evo



NG® evo conveyor components made from engineered plastic resin

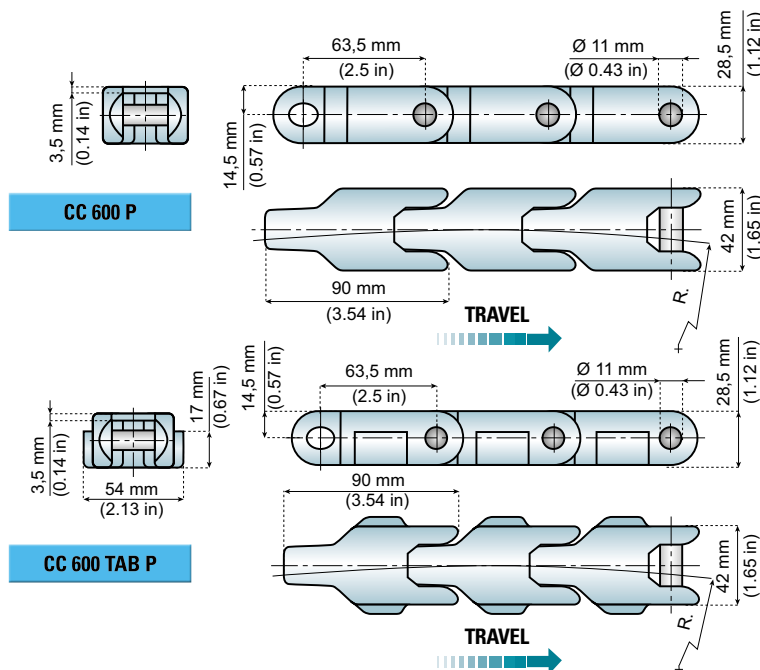
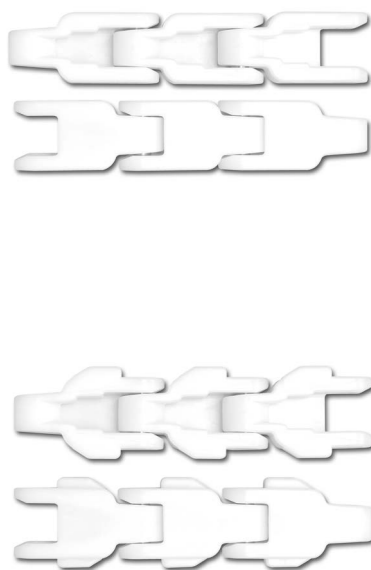
- Longer wearlife than acetal
- Lower friction than acetal
- Good chemical resistance
- High abrasion resistance
- It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
- Less dust than with acetal chains
- More.....

ITEM DESCRIPTION	MATERIAL		BREAKING LOAD		R MIN.		L		LK		WEIGHT	
	LINK	PIN	N	lbs	mm	in	mm	in	mm	in	Kg/m	lbs/ft.
NGE600	NGE	SS	12500	2812	650	25.6	90	3.54	-	-	1,3	0.9
NGE600TAB	Grey Blue	SS	12500	2812	650	25.6	90	3.54	54	2.13	1,5	1.0
LFW600	W	SS	14000	3150	650	25.6	90	3.54	-	-	1,3	0.9
LFW600TAB	White	SS	14000	3150	650	25.6	90	3.54	54	2.13	1,5	1.0

11580a

CC 600 P - CC 600 TAB P CRATE CONVEYOR CHAINS WITH TOP PLATE

CRATE CONVEYOR CHAINS WITH TOP PLATE



Pin Material: Austenitic Stainless Steel

ITEM DESCRIPTION	MATERIAL LINK	BREAKING LOAD		R MIN.		WEIGHT	
		N	lbs	mm	in	Kg/m	lbs/ft.
LFW600P	W	14000	3150	700	27.6	1,4	0.9
LFW600P-TAB	White	14000	3150	700	27.6	1,55	1.0

11580a

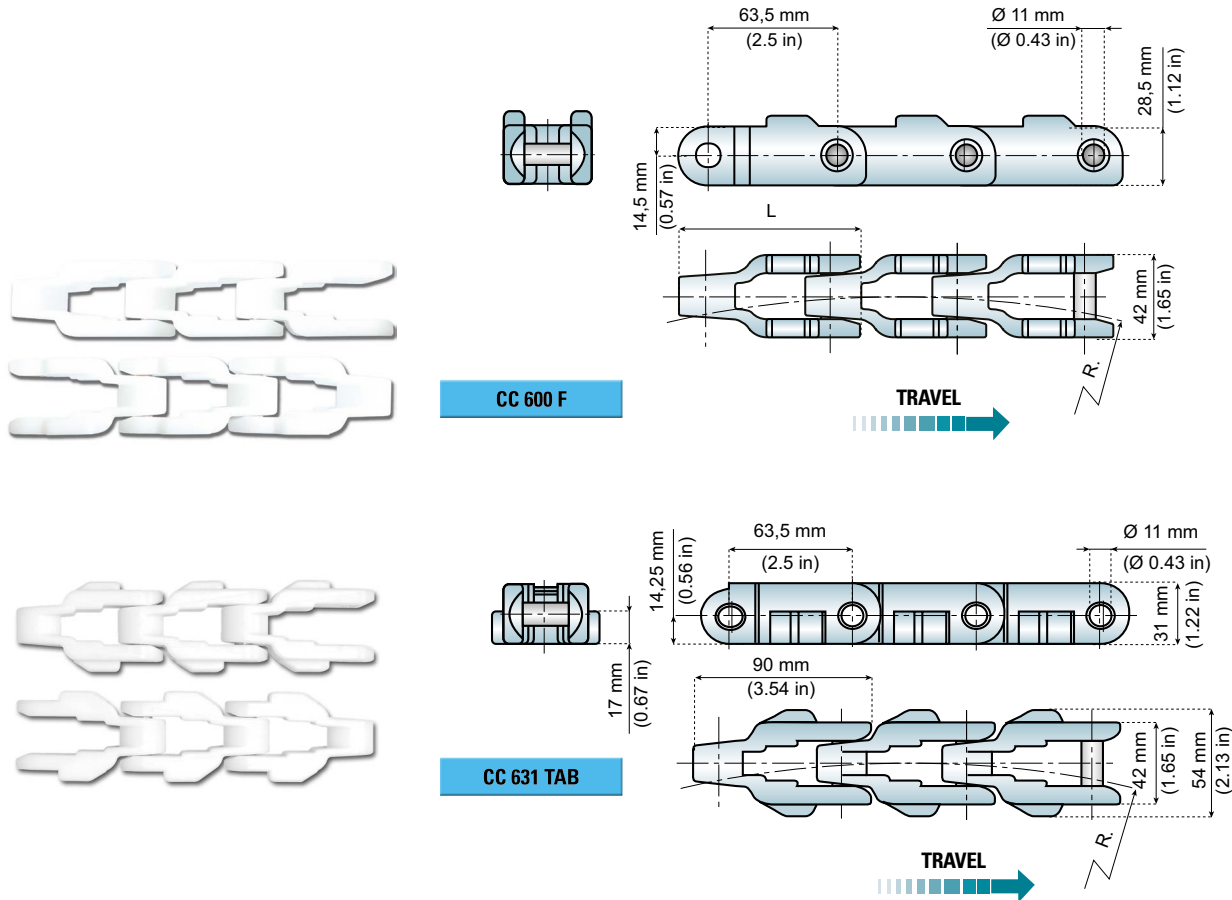
Standard length: 48 pitches (10 ft. - 3,05 m)

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11580a

CC 600 F - CC 631 TAB FOR CRATE CONVEYOR CHAINS

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Pin Material: Austenitic Stainless Steel

ITEM DESCRIPTION	MATERIAL LINK	BREAKING LOAD		R MIN.		WEIGHT	
		N	lbs	mm	in	Kg/m	lbs/ft.
LFW600F	W White	14000	3150	700	27.6	1,4	0.9
LFW631TAB							

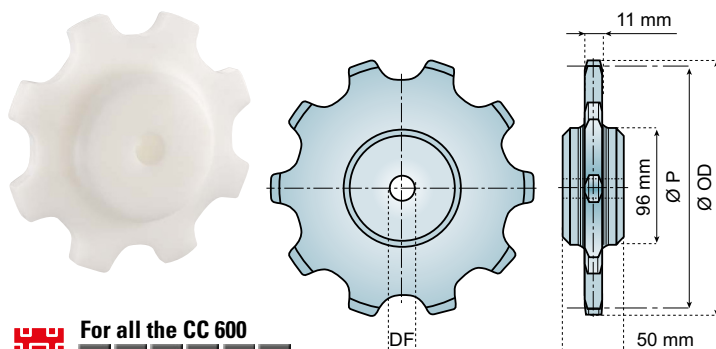
Standard length: 48 pitches (10 ft. - 3,05 m)

RETURN SPROCKET FOR CRATE CONVEYOR CHAINS

Features:

- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.

Application: chains series 600 - 631.



Z	Ø OD mm	Ø P mm
8	172	166
10	215	205
12	256	246
14	297	286

MACHINED RETURN SPROCKETS ONE PIECE PRE-BORE	
Ø 23*	
ITEM DESCRIPTION	
600-8R23M-RM	
600-10R23M-RM	
600-12R23M-RM	
600-14R23M-RM	

Material: polyamide (natural white). *Plain bore

For all the CC 600
11570a

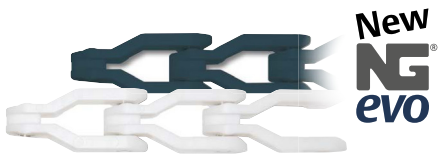
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

11590a

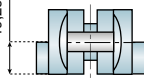
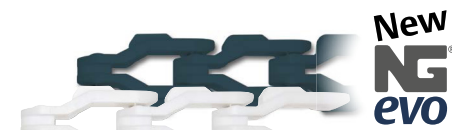
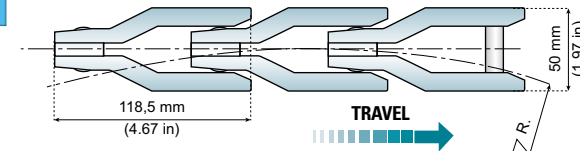
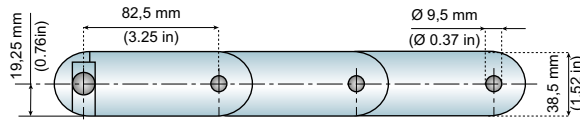
CC 1400 - CC 1400 TAB - CC 1431 TAB

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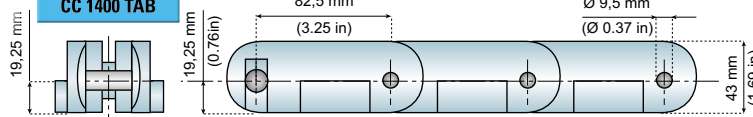
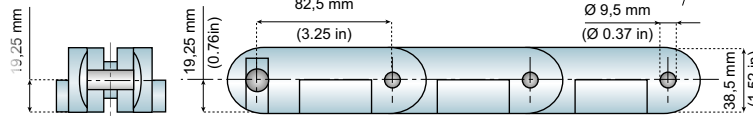
FOR CRATE CONVEYOR CHAINS



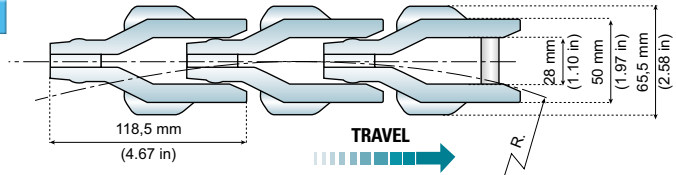
CC 1400



CC 1400 TAB



CC 1431 TAB



NG® evo conveyor components
made from **engineered plastic resin**
Longer wearlife than acetal
Lower friction than acetal
Good chemical resistance
High abrasion resistance
It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
Less dust than with acetal chains
More.....

Pin Material:
SS: Ferritic Stainless Steel
SSR: Austenitic Stainless Steel Riveted

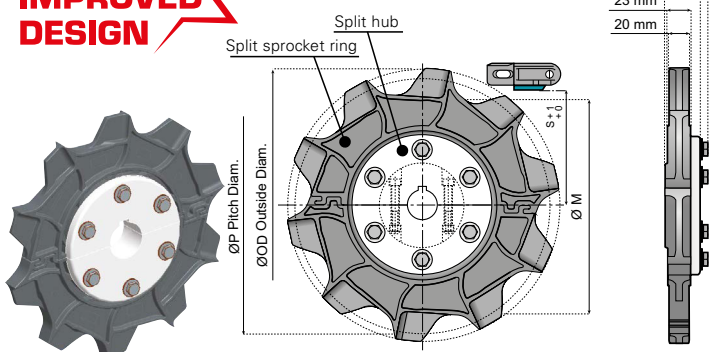
Standard length: 37 pitches (10 ft. - 3,053 m)
Breaking Load according to
Standard ISO 4348 - DIN 8153

ITEM DESCRIPTION	MATERIAL		BREAKING LOAD		R MIN.		WEIGHT	
	LINK	PIN	N	lbs	mm	in	Kg/m	lbs/ft.
LFW1400	W White	SS	18000	4050	660	26	3,2	2,2
LFW1400TAB							3,4	2,3
LFW1431TAB							3,4	2,3
NGE1400	NGE Grey Blue	SS	16200	3600	660	26	3,2	2,2
NGE1400TAB							3,4	2,3
NGE1431TAB							3,4	2,3
LFW1400R	W White	SSR Riveted	18000	4050	660	26	3,2	2,2
LFW1400R-TAB							3,4	2,3
LFW1431R-TAB							3,4	2,3
NGE1400R	NGE Grey Blue	SSR Riveted	16200	3600	660	26	3,2	2,2
NGE1400R-TAB							3,4	2,3
NGE1431R-TAB							3,4	2,3

DRIVE AND RETURN SPROCKETS

FOR CRATE CONVEYOR CHAINS

IMPROVED DESIGN



Features:

- Split versions: quick and easy replacement.
- Excellent wear and chemical resistance.
- Recyclable.

Z	Ø OD mm	Ø P mm	Ø M mm	S mm
10	270	265,4	214	115

Molded drive sprockets - Split Tight

Ø 20*	Ø 30	Ø 40
ITEM DESCRIPTION		
1400-10R20M-R	1400-10R30M-D	1400-10R40M-D

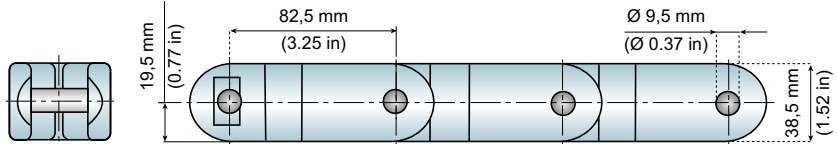
Material: hub: polyamide (natural white); ring: reinforced polyamide (black) high impact. *Plain bore

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
Modular belts & sprockets	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

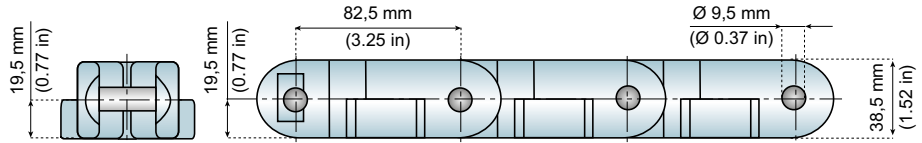
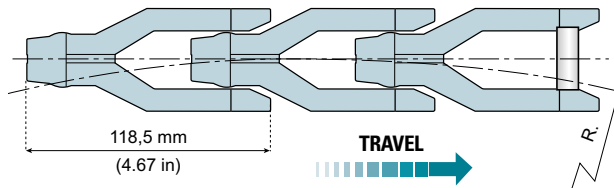
11600a

CC 1400 V - CC 1400 V TAB FOR CRATE CONVEYOR CHAINS

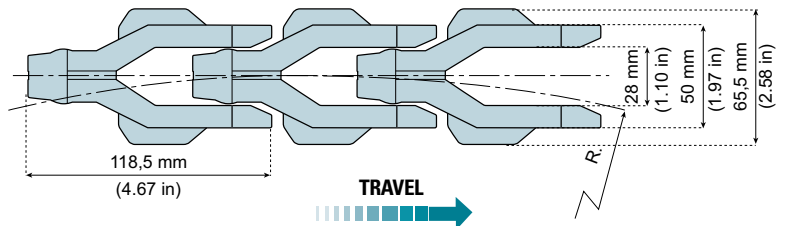
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CC 1400 V



CC 1400 V TAB



Pin Material:

SS: Ferritic Stainless Steel

SSR: Austenitic Stainless Steel Riveted

ITEM DESCRIPTION	MATERIAL		BREAKING LOAD		R MIN.		WEIGHT	
	LINK	PIN	N	lbs	mm	in	Kg/m	lbs/ft.
LFW1400V	W	SS	18000	4050	660	26	3,2	2.2
LFW1400V-TAB	White						3,4	2.3
LFW1400V-R	W	SSR	18000	4050	660	26	3,2	2.2
LFW1400V-R-TAB	White	Riveted					3,4	2.3

Standard length: 37 pitches (10 ft. - 3,05 m)

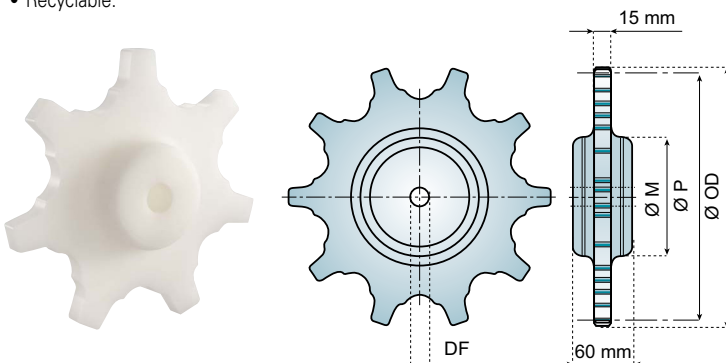
Breaking load according to standard ISO 4348 - DIN 8153

RETURN SPROCKETS

FOR CRATE CONVEYOR CHAINS

Features:

- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



MACHINED RETURN SPROCKETS ONE PIECE PRE-BORE			
Ø 23*			
ITEM DESCRIPTION			
Z	Ø OD mm	Ø P mm	Ø M mm
7	202	190	75
8	227,6	218	90
10	279	267	125

Material: polyamide (natural white).
*Plain bore