Chain return components

Save time and money

PE Polyethylene UHMW

SERPENTINE RETURN SYSTEM FOR CHAINS AND MODULAR BELTS

Characteristics:
- cost-effective/labor saving
- flexible design/standard parts
- trouble free/secure
- guaranteed materials
- long life/lower chain wear
- low/no maintenance
- stable at high speeds
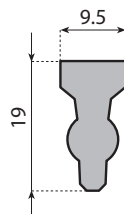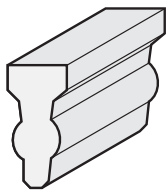- universal belt compatibility
- industry proven reliable

VALU FLEX ™

PATENT FEATURE
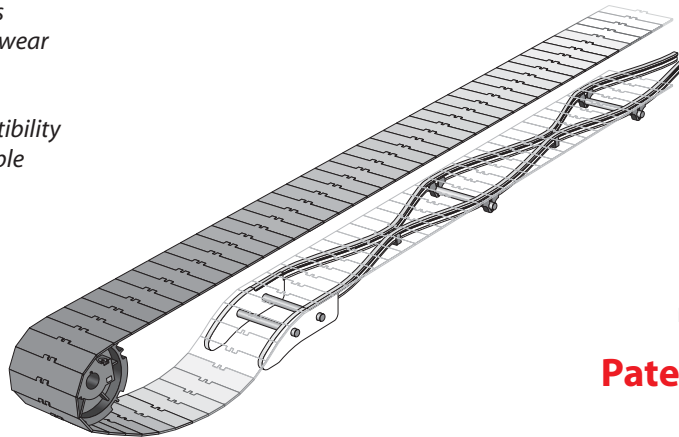
USA #5,190,145
D.G.M. #G9215240.6

Patented Simplicity!

STANDARD VALUFLEX PROFILE

9.5 / 19

Code	Ref.			Material	
19S00002-30M	VF-CR-3834-30M	30 m	30 m	PE	White

PATENTED

PATENT FEATURE

REINFORCED VALUFLEX PROFILE

9.5 / 25.4
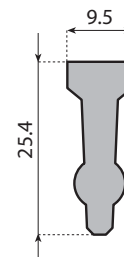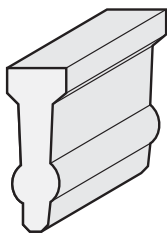
| Code	Ref.			Material	
19S00001-30M	VF-CR-38100-30M	30 m	30 m	PE	White

Spreads out wear across chain!

The ValuFlex system uses standardized parts that help reduce design and fabrication time. ValuFlex can be easily installed, new or retrofitted, without the use of special tools. The absence of moving parts means less noise, less wear, and significantly lower maintenance and replacement cost. The serpentine pattern distributes wear evenly across the belt surface. This extends the useful life of chains or belts and provides increased stability at higher speeds.

ValuFlex is also used as a light duty support grid for lightly loaded modular style belts, and can be used with other Valu Guide components as a hold down system for packaging tops, lids, or flaps.

Low friction ValuFlex UHMW serpentine profiles last for years without the need for lubrication or maintenance, and operate equally well in dry or wet environments.
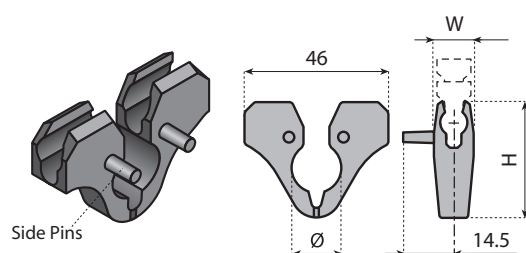
Chain return components

☛ *Preferred type, readily available (codes marked in red)*

Save time and money

POM Acetal resin
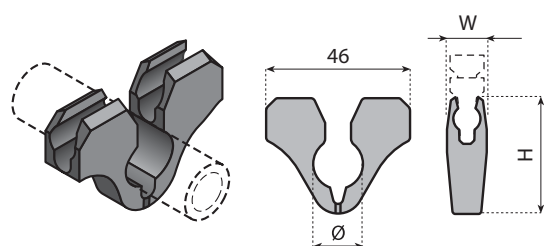
Code	Ref.	For rod Ø (mm)	H	W		Material	
14S00002	VF-CRC-14M	14	33	11.5			
14S00003	VF-CRC-16M	16	36	12.5	n°10	POM	Black
14S00004	VF-CRC-18M	18	36	12.5			

SNAPLOCK CLIPS

E.U. Patent Pending

Patented Feature

Side Pins

Code	Ref.	For rod Ø (mm)	H	W		Material	
14S00089	VF-CRCP-12M	12	33	11.5			
14S00005	VF-CRCP-14M	14	33	11.5	n°10	POM	Black
14S00006	VF-CRCP-16M	16	36	12.5			
14S00007	VF-CRCP-18M	18	36	12.5			

SNAPLOCK CLIPS

19S00002 19S00001
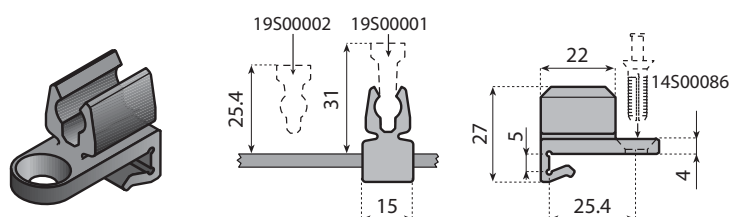
14S00086

Code	Ref.		Material	
14S00001	VF-CRA-M	n°10	POM	Black

SNAPLOCK CLIPS
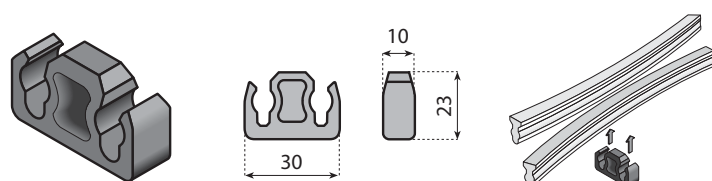
Code	Ref.		Material	
14S00008	VF-CRC-T	n°10	POM	Black

PINCH LOCK CLIPS

Chain return components

VALUFLEX

ValuFlex serpentine profiles slide into the return shoe slot to ensure a smooth, trouble-free transition.
Pinning the profile to the shoe is a safety precaution to prevent separation caused by a snag or broken chain segment.
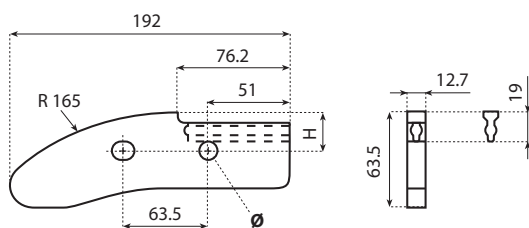
PE

Polyethylene

6.35

45°

6.35

16

Ø 4.8 Pinning hole

Ø

Mounting holes
for cross rods
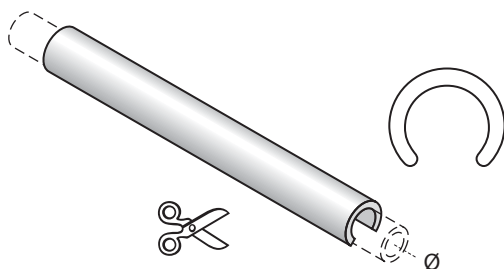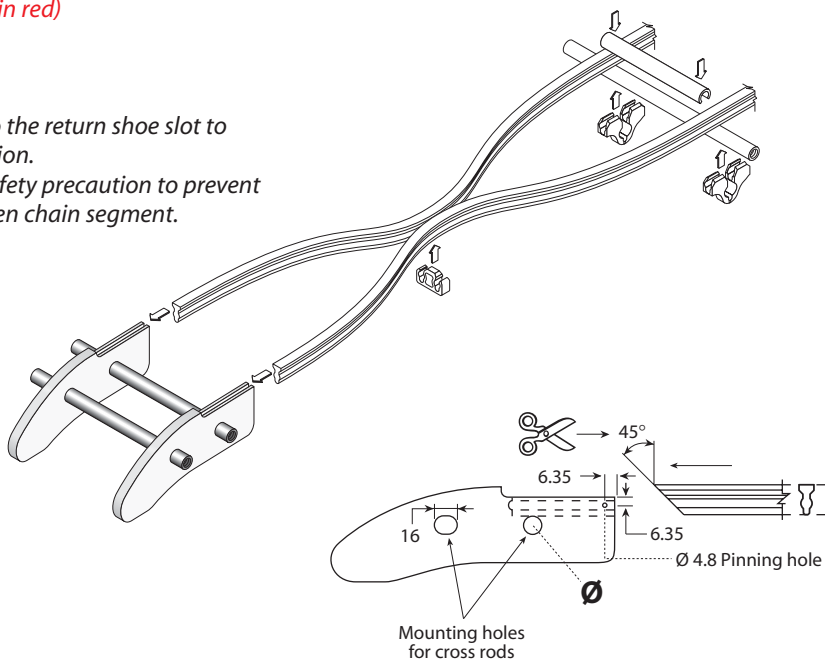
Code	Ref.	For rod Ø (mm)	L		Material	
19S00003-3M	VF-CRP-3M-14M	14				
19S00004-3M	VF-CRP-3M-16M	16	3 m	30 m	PE	White
19S00005-3M	VF-CRP-3M-18M	18				

SPACER

192
76.2
51
R 165
63.5
Ø
63.5
12.7
19
H

Code	Ref.	For rod Ø (mm)	H		Material	
14S00012	VF-CRS-34-14M	14	26			
14S00013	VF-CRS-34-16M	16	27	2	PE	White
14S00014	VF-CRS-34-18M	18	28			

RETURN SHOES
for use with VF-CR-3834

192
76.2
51
R 165
63.5
Ø
63.5
12.7
25.4
H
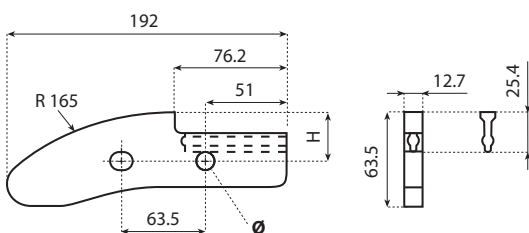
Code	Ref.	For rod Ø (mm)	H		Material	
14S00009	VF-CRS-100-14M	14	32.5			
14S00010	VF-CRS-100-16M	16	33.5	2	PE	White
14S00011	VF-CRS-100-18M	18	34.5			

RETURN SHOES
for use with VF-CR-38100

Chain return components

Splicing with the overlap method is quick and easy with ValuFlex.
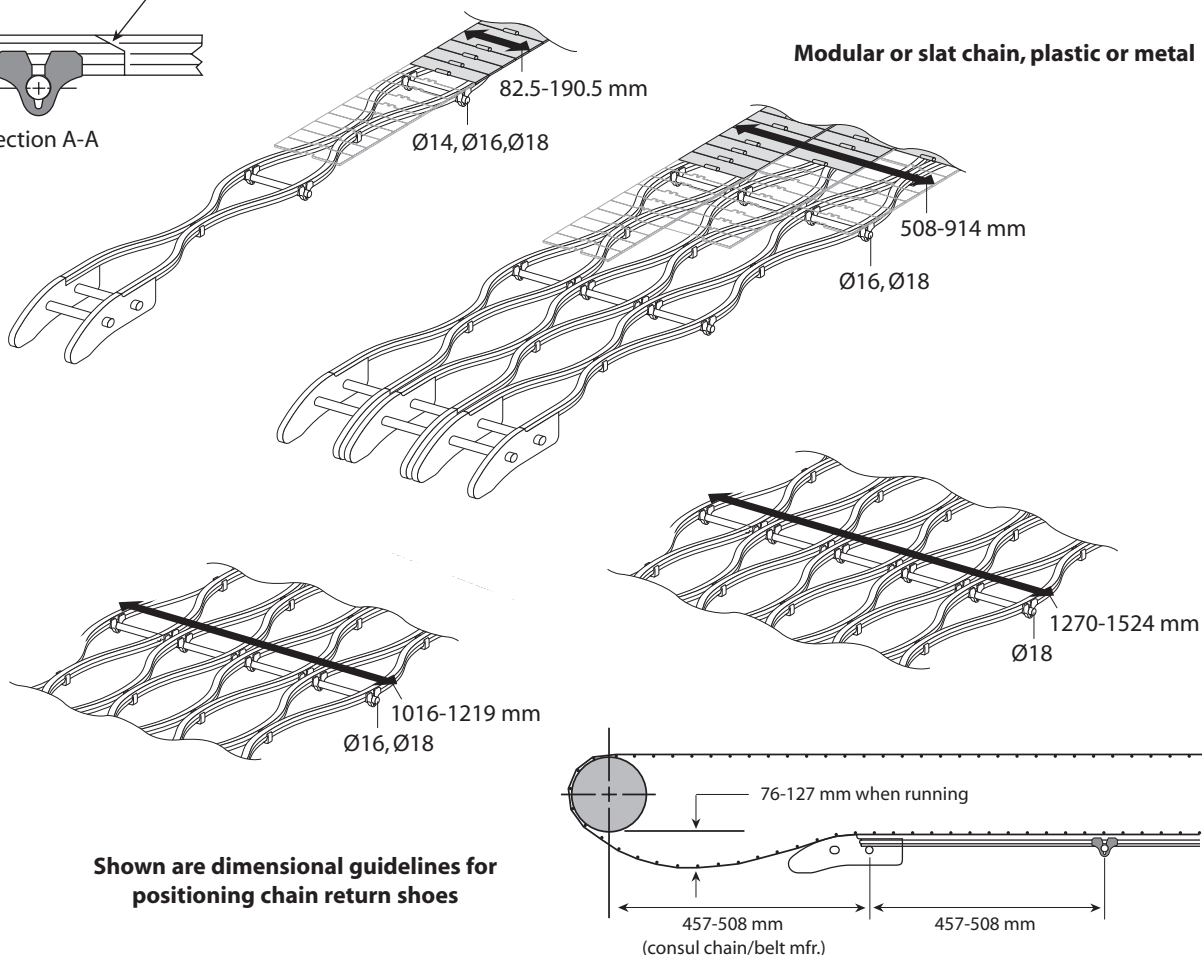
Chain Direction

A — A

Bevel

Section A-A

82.5-190.5 mm
Ø14, Ø16, Ø18
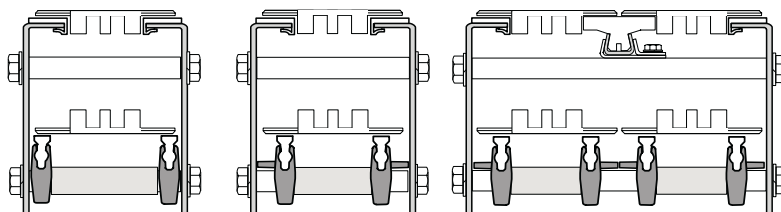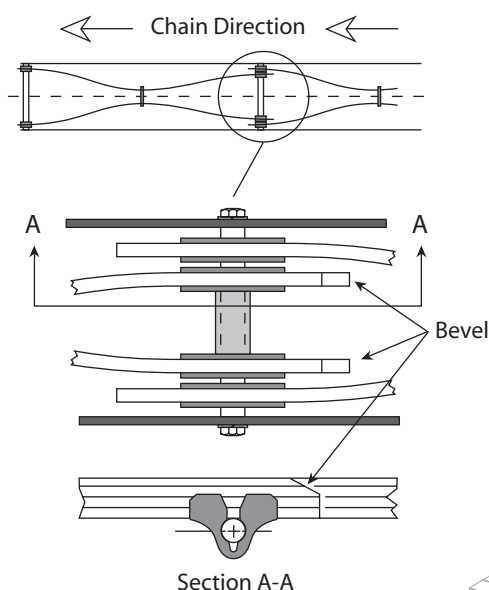
Modular or slat chain, plastic or metal

508-914 mm
Ø16, Ø18

1270-1524 mm
Ø18

1016-1219 mm
Ø16, Ø18

76-127 mm when running

Shown are dimensional guidelines for positioning chain return shoes

457-508 mm
(consul chain/belt mfr.)

457-508 mm

	Single Pair Max. Load			
L (mm)	VF-34-30M	L (mm)	VF-100-30M	
300	18.89 Kg/m	300	36.21 Kg/m	
450	6.24 Kg/m	450	11.08 Kg/m	
600	3.59 Kg/m	600	5.77 Kg/m	

L