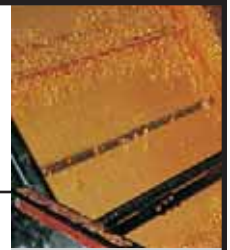


# Alligator<sup>®</sup> Conveyor Belt Lacing Fastener System

AL200



Alligator<sup>®</sup>



For easy, economical installation and an exceptionally smooth joint, choose the Alligator<sup>®</sup> Conveyor Belt Lacing System. Alligator Lacing is available in continuous lengths to fit any belt width and the one-piece design provides uniform tension across the full belt width. The one-piece fastener strip also ensures that there are no loose pieces to work themselves out of the belt and into the conveyed product.

Designed for belts from 1/32" (.8 mm) to 1/2" (12.5 mm), Alligator Belt Lacing installation requires no special tools, only a hammer. The lacing is secured with teeth that embed lengthwise on the belt, providing a strong, vise-like hold. Clips hold gauge rod and lacing firmly and squarely against the belt and ensures a strong, straight splice. The straight splice also helps ease hinge pin insertion.

## Market applications

- Package/Parts Conveying
- Food/Sanitary Contact
- Agricultural Harvesting/Handling
- Recycling/Scrap Handling
- Wood Products

## Alligator<sup>®</sup> Conveyor Belt Lacing Selection Chart

Lacing Size	For Belts With Mechanical Fastener Ratings Up To:		Belt Thickness Range		Recommended Minimum Pulley Diameter		Approx. Corrugated Hinge Pin Diameter		Strip Length	
	PLW	kN/m	in.	mm	in.	mm	in.	mm	in.	mm
00	25	4.3	Up thru 1/16	Up thru 1.6	1	25	3/64	1.2	6	152
1	45	7.8	1/16-3/32	1.6-2.4	1-1/2	38	1/16	1.6	6	152
7	50	8.7	3/32-9/64	2.4-3.6	2	51	1/16	1.6	6	152
15	65	11.4	1/8-5/32	3.2-4.0	2-1/2	64	3/32	2.4	12	305
20	95	16.6	5/32-3/16	4.0-4.8	3	76	7/64	2.8	12	305
25	100	17.5	3/16-7/32	4.8-5.6	4	102	1/8	3.2	12	305
27	100	17.5	7/32-9/32	5.6-7.1	5	127	1/8	3.2	12	305
35	150	26	9/32-5/16	7.1-7.9	7	178	9/64	3.6	12	305
45	165	28	5/16-3/8	7.9-9.5	9	229	3/16	4.8	12	305
55	175	30	3/8-7/16	9.5-11.1	12	305	13/64	5.2	12	305
65	200	35	7/16-1/2	11.1-12.7	14	356	13/64	5.2	12	305

# Alligator® Conveyor Belt Lacing

**Fasteners** Alligator® Belt Lacing is available in steel or stainless steel.

## Steel

Steel is the standard fastener material. It is suitable for most applications, and is plated for rust and corrosion resistance.

## 300 Series Stainless Steel

300 Series stainless steel is non-rusting and displays extra resistance to abrasion, acids, chemicals, and magnetic attraction. It is excellent in applications with high sanitation requirements.



## Corrugated Hinge Pins

H – Corrugated

The corrugated pin is standard and is suitable for all sizes of Alligator Belt Lacing and for smaller transmission belt lacing applications. Lugs on the hinge pin engage lacing loops, reducing the possibility of hinge pin migration. Available in steel (H) or stainless steel (SH).



## Steel Lacing with steel corrugated hinge pins

Carton contains 4 sets of lacing, 4 corrugated hinge pins, and 1 installation gauge pin with clips.

Belt Width		00	1A	7	15	20	25	27	35	45	55
in.	mm										
12	300	00-12	1A-12	7-12	15-12	20-12	25-12	27-12	35-12	45-12	55-12
18	450	00-18	1A-18	7-18	15-18	20-18	25-18	27-18	35-18	45-18	55-18
24	600	00-24	1A-24	7-24	15-24	20-24	25-24	27-24	35-24	45-24	55-24
30	750	00-30	1A-30	7-30	15-30	20-30	25-30	27-30	35-30	45-30	55-30
36	900	00-36	1A-36	7-36	15-36	20-36	25-36	27-36	35-36	45-36	55-36
42	1050	00-42	1A-42	7-42	15-42	20-42	25-42	27-42	35-42	45-42	55-42
48	1200	00-48	1A-48	7-48	15-48	20-48	25-48	27-48	35-48	45-48	55-48
60	1500	00-60	1A-60	7-60	15-60	20-60	25-60	27-60	35-60	45-60	55-60

## Stainless Lacing with stainless corrugated hinge pins

Carton contains 4 sets of lacing, 4 corrugated hinge pins, and 1 installation gauge pin with clips.

Belt Width		00S	1S	7S	15S	20S	25S	27S	35S	45S
in.	mm									
12	300	00S-12	1S-12	7S-12	15S-12	20S-12	25S-12	27S-12	35S-12	45S-12
18	450	00S-18	1S-18	7S-18	15S-18	20S-18	25S-18	27S-18	35S-18	45S-18
24	600	00S-24	1S-24	7S-24	15S-24	20S-24	25S-24	27S-24	35S-24	45S-24
30	750	00S-30	1S-30	7S-30	15S-30	20S-30	25S-30	27S-30	35S-30	45S-30
36	900	00S-36	1S-36	7S-36	15S-36	20S-36	25S-36	27S-36	35S-36	45S-36
42	1050	00S-42	1S-42	7S-42	15S-42	20S-42	25S-42	27S-42	35S-42	45S-42
48	1200	00S-48	1S-48	7S-48	15S-48	20S-48	25S-48	27S-48	35S-48	45S-48
60	1500	00S-60	1S-60	7S-60	15S-60	20S-60	25S-60	27S-60	35S-60	

# Alligator® Conveyor Belt Lacing

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## Transmission Belt Lacing

For flat power-transmission belts up to 12" (300 mm) wide, Alligator® Transmission Belt Lacing is available for sizes 00 through 65. Lacing is "scored" so it can be easily trimmed to fit narrower belts. Corrugated hinge pins are furnished with the three smallest lacing sizes. A two-piece Rocker Hinge pin is available for sizes 15 to 65.

Boxes contain 12" (300 mm) lacing strips (except Nos. 00 and 1 & 7 which contain 6" [150 mm] strips), hinge pins, and 1 gauge pin. Four or six joints per box.

### Transmission Belt Lacing

Belt Width		Steel	300 Series Stainless
in.	mm		
6	150	00	00S
6	150	1A	1AS
6	150	7	7S
12	300	15	15S
12	300	20	20S
12	300	25D	25DS
12	300	27K	27KS
12	300	35N	35NS
12	300	45U	45US
12	300	55W	55WS
12	300	65X	



## Rocker Hinge Pin

RH – Rocker

The Rocker Hinge pin is furnished with Transmission Belt Lacing. The two-piece pin provides rocking action to reduce friction and wear on loops and lacing. Sizes 15 through 65 are available in steel (RH) or stainless steel (SRH).



# Alligator® Conveyor Belt Lacing

## Clipper® 845LD Belt Cutter

The Clipper® 845LD aluminum belt cutter delivers the straightest cuts – time after time – in an easy-to-use lightweight, corrosion-resistant package.

The chain-driven, double-edged safety blade can be driven from either end, cutting in a single pass. Cuts straight every time on rubber or PVC belts up to 1/2" (12 mm) thick. Plus, the aluminum frame makes the 845LD easy to carry and use.



## Clipper® 845LD Belt Cutter

Belt widths up to:		Description	Ordering Number
in.	mm		
36	900	36" Belt Cutter	845836LD
48	1200	48" Belt Cutter	845848LD
60	1500	60" Belt Cutter	845860LD
72	1800	72" Belt Cutter	845872LD

## Hand Skiver

Our hand-held skiver makes it easy to remove impression covers prior to fastener size selection and installation. Allows fasteners to be installed closer to the belt carcass for a lower profile.



## Hand Skiver

Ordering Number
RTBS Rough Top Skiver

## Belt Nippers

Notches belt ends quickly and easily to help avoid splice hang-up.



## Belt Nippers

Ordering Number
BN-1

Australia: 61-2-9680-3322 • England: 44-1457-891000 • Germany: 49-7428-9406-0  
Mexico: 52-55-5674-5326 • New Zealand: 64-9-415-4488 • Republic of South Africa: 27-11-974-2771

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