

Alligator® Ready Set™ Staple Fastener System

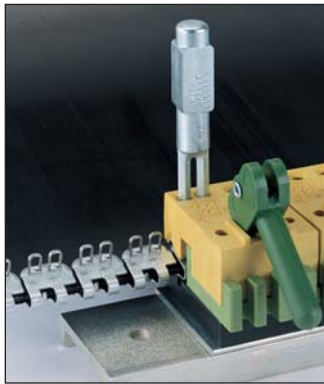
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The Alligator® Ready Set™ Staple Fastener System is ideal for a wide variety of light- and medium-duty fastener applications. The system features one-piece fastener strips with pre-inserted staples that speed installation and keep downtime to a minimum.

Quick, easy installation

Designed for belts from 1/16" (1.5 mm) to 1/4" (6.4 mm), Alligator Ready Set installation is easy with a portable, lightweight application tool that is easily carried to the job for on-site installation. Simply fit the fastener strip onto the belt end and secure with the special installation tool, then drive and finish set the staples for a strong, long-lasting splice.



Market applications

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

Alligator® Ready Set™

Alligator® Ready Set™ Staple Fastener Selection Guide

Fastener Size No.	For Belts With Mechanical Fastener Ratings Up To:		Belt Thickness Range		Recommended Minimum Pulley Diameter	
	P.I.W.	kN/m	in.	mm	in.	mm
RS62	100	17	1/16-1/8	1.5-3.2	2	50
RS125	160	28	1/8-3/16	3.2-4.8	3	75
RS187	200	35	3/16-1/4	4.8-6.4	4	102

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Fasteners

A variety of fastener sizes and metals are available for joining belts in a wide range of light- to medium-duty applications.

Steel

The standard fastener material; suitable for most applications.

Stainless Steel

300 Series stainless steel provides extra resistance to abrasion, magnetic attraction, and corrosion from acids and other chemicals.



Fasteners

(One carton contains 4 fastener sets, 4 hinge pins, and required amount of retaining washers.)

Belt Width		Steel With Nylon Covered Steel Cable Pins (NC)	Stainless (300 Series) With Stainless Spring Wire Pins (SS)	Stainless (300 Series) With Nylon Covered Stainless Cable Pins (NCS)
in.	mm			
RS62				
12	300	RS62J12/300NC	RS62SJ12/300SS	RS62SJ12/300NCS
18	450	RS62J18/450NC	RS62SJ18/450SS	RS62SJ18/450NCS
24	600	RS62J24/600NC	RS62SJ24/600SS	RS62SJ24/600NCS
30	750	RS62J30/750NC	RS62SJ30/750SS	RS62SJ30/750NCS
36	900	RS62J36/900NC	RS62SJ36/900SS	RS62SJ36/900NCS
42	1050	RS62J42NC	RS62SJ42SS	
48	1200	RS62J48NC	RS62SJ48SS	RS62SJ48NCS
60	1500	RS62J60NC	RS62SJ60SS	RS62SJ60NCS
RS125				
12	300	RS125J12/300NC	RS125SJ12/300SS	RS125SJ12/300NCS
18	450	RS125J18/450NC	RS125SJ18/450SS	RS125SJ18/450NCS
24	600	RS125J24/600NC	RS125SJ24/600SS	RS125SJ24/600NCS
30	750	RS125J30/750NC	RS125SJ30/750SS	RS125SJ30/750NCS
36	900	RS125J36/900NC	RS125SJ36/900SS	RS125SJ36/900NCS
42	1050	RS125J42NC	RS125SJ42SS	RS125SJ42NCS
48	1200	RS125J48NC	RS125SJ48SS	RS125SJ48NCS
60	1500	RS125J60NC	RS125SJ60SS	RS125SJ60NCS
RS187				
12	300	RS187J12/300NC	RS187SJ12/300SS	RS187SJ12/300NCS
18	450	RS187J18/450NC	RS187SJ18/450SS	RS187SJ18/450NCS
24	600	RS187J24/600NC	RS187SJ24/600SS	RS187SJ24/600NCS
30	750	RS187J30/750NC	RS187SJ30/750SS	RS187SJ30/750NCS
36	900	RS187J36/900NC	RS187SJ36/900SS	RS187SJ36/900NCS
42	1050	RS187J42NC	RS187SJ42SS	RS187SJ42NCS
48	1200	RS187J48NC	RS187SJ48SS	RS187SJ48NCS
60	1500	RS187J60NC	RS187SJ60SS	RS187SJ60NCS

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Hinge Pins

Match our selection of hinge pins to the special needs of your application.

NC - Nylon Covered Steel Cable

For use with steel fasteners, NC hinge pins are recommended for troughing or flat belt conveyors.

NCS - Nylon Covered Stainless Steel Cable

For extra resistance to abrasion.

SS - Stainless Steel Spring Wire

For use with stainless steel fasteners.



NC - Nylon Covered Steel Cable



NCS - Nylon Covered Stainless Steel Cable



SS - Stainless Steel Spring Wire

Hinge Pins

Pin material is offered in 10' (3 M) coils ("X") or 100' (30 M) reels ("C").

Packages of 10 pins.

Coil Length		NC Nylon Covered Steel Cable	NCS Nylon Covered Stainless Cable
Foot	M		
RS62			
10	3	NC62-X	NCS62-X
100	30	NC62-C	NCS62-C
RS125			
10	3	NC1-X	NCS1-X
100	30	NC1-C	NCS1-C
RS187			
10	3	NC187-X	NCS187-X
100	30	NC187-C	NCS187-C

Belt Width		SS 300 Series Stainless Spring Wire Pins
in.	mm	
RS62		
12	300	SS62-12/300
18	450	SS62-18/450
24	600	SS62-24/600
30	750	SS62-30/750
36	900	SS62-36/900
42	1050	SS62-42
48	1200	SS62-48
60	1500	SS62-60
RS125		
12	300	
18	450	SS1-18/450
24	600	SS1-24/600
30	750	SS1-30/750
36	900	SS1-36/900
42	1050	SS1-42
48	1200	SS1-48
60	1500	SS1-60
RS187		
12	300	
18	450	SS2-18/450
24	600	SS2-24/600
30	750	SS2-30/750
36	900	SS2-36/900
42	1050	SS2-42
48	1200	SS2-48
60	1500	SS2-60

Hinge Pin Retaining Washers

Eliminate problems associated with hinge-pin migration with easy-to-install retaining washers.

For Fastener Number	Ordering Number
62	62-RET-50
125	125-RET-50
187	187-RET-50

Box of 50 washers.

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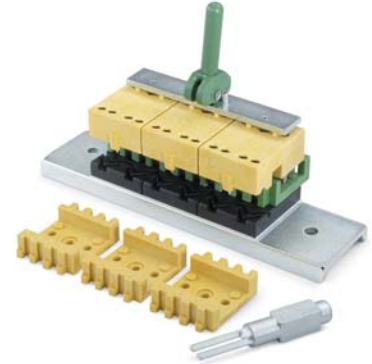
RSC187 Installation Tool

Securely holds the fasteners on the belt, in proper alignment, while staples are driven. Installs two staples simultaneously for fast, simple splicing and the tool can be moved rapidly along the belt as staples are installed. Also provides an anvil surface for initial clinching of the staples.

The RSC187 tools come complete with guide blocks and drivers, and are available in a variety of sizes. Wider tools are available for production lacing and fabrication shop requirements.

RSC187 Installation Tool

Tool Size		Ordering Number
in.	mm	
2	50	RSC187
4	100	RSC187-4
6	150	RSC187-6
12	300	RSC187-12
24	600	RSC187-24



Staple Kits

Everything you need to install, maintain, and repair Alligator® Ready Set™ Staple splices. Kit includes the RSC187 tool described above, as well as the staple set plate, hand skiver, belt marker, belt nippers, and 1 lb. (.45 kg) hammer. Packaged in a durable box with plenty of room left over for other items.

Staple Kits

Description	Ordering Number
6" Installation Kit	RSTK4-6
12" Installation Kit	RSTK4-12



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



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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