

Alligator® Ready Set™ Staple Fastener System

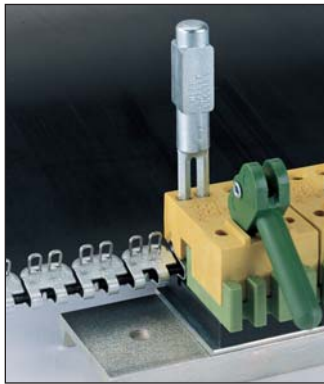
AS200



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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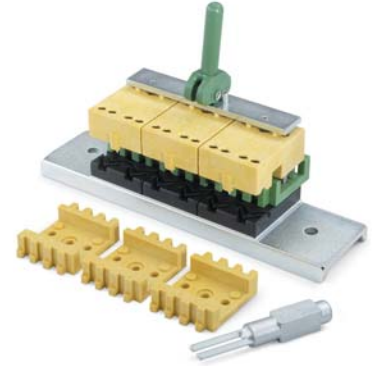
RSC187 Installation Tool

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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