

STAPLEGRIP™



For use with modern lightweight, high-strength belting. Designed to operate smoothly over slider bed or troughing conveyor applications.

Staplegrip is a very strong belt fastener; hinged plates are held in compression with high-tensile stainless steel staples.

A unique feature of this style of product, compared to conventional lightweight belt fasteners, is that the staples are clinched 90° to the direction of the pull of the belt. Therefore, it is virtually impossible for the staple to open under load. The staples are also unique. While other brands may be rectangular, with their narrow dimension in line with the pull of the belt, Staplegrip staples are oval-shaped with smooth, rounded edges. This design feature reduces the possibility of the staple damaging belting fabric.



STAPLEGRIP



Traditional Staplegrip Lacing

has been an industry standard for years. To install manually, a dispenser (found on page 33) allows you to insert the staples smoothly into the fastener strip using the field lacing tool to align the belt fastener across the belt. A light hammer and punch then drives the staples through the belt and clinches the fastener.

Your work will be cut in half by using the CAI Staplegrip Pro-Series installation tool and pneumatic staple driver. Refer to the easy-to-use tools shown on pages 33, and 36 to 37.

STAPLEGRIP SPECIFICATIONS

Staplegrip is selected based on the thickness of the belt and the diameter of the drive pulley. Specify the belt width when ordering.

BELT THICKNESS	MIN. PULLEY DIAMETER	SIZE
1/16" - 1/8"	2"	62
1/8" - 3/16"	3"	125
3/16" - 1/4"	4"	187

SIZE 62 TRADITIONAL STEEL LACING

NUMBER	BELT WIDTH
62-12	12"
62-14	14"
62-16	16"
62-18	18"
62-20	20"
62-24	24"
62-30	30"
62-36	36"
62-42	42"
62-48	48"
62-60	60"

SIZE 125 TRADITIONAL STEEL LACING

NUMBER	BELT WIDTH
125-4*	4"
125-10	10"
125-12	12"
125-14	14"
125-16	16"
125-18	18"
125-20	20"
125-24	24"
125-30	30"
125-36	36"
125-42	42"
125-48	48"
125-60	60"

*10 Sets/Box.
All others are packaged four Sets/Box.

SIZE 187 TRADITIONAL STEEL LACING

NUMBER	BELT WIDTH
187-12	12"
187-16	16"
187-18	18"
187-20	20"
187-24	24"
187-30	30"
187-36	36"
187-42	42"
187-48	48"
187-60	60"

SIZE 125 DURGARD STEEL LACING

NUMBER	BELT WIDTH
125D-12	12"



INSTALLATION TOOLS ARE SHOWN ON PAGES 33, AND 36 TO 37.

**SIZE 187
DURGARD STEEL LACING**

NUMBER	BELT WIDTH
187D-12	12"

**SIZE 62
TRADITIONAL STAINLESS LACING**

NUMBER	BELT WIDTH
62S-12	12"
62S-14	14"
62S-16	16"
62S-18	18"
62S-20	20"
62S-24	24"
62S-30	30"
62S-36	36"
62S-42	42"
62S-48	48"
62S-60	60"

**SIZE 125
TRADITIONAL STAINLESS LACING**

NUMBER	BELT WIDTH
125S-12	12"
125S-14	14"
125S-16	16"
125S-18	18"
125S-20	20"
125S-24	24"
125S-30	30"
125S-36	36"
125S-42	42"
125S-48	48"
125S-60	60"

**SIZE 187
TRADITIONAL STAINLESS LACING**

NUMBER	BELT WIDTH
187S-12	12"
187S-16	16"
187S-18	18"
187S-20	20"
187S-24	24"
187S-30	30"
187S-36	36"
187S-42	42"
187S-48	48"
187S-60	60"



Traditional Field Lacing Tool

Includes one Field Punch and Comb.
Other sizes available in 6" increments.

NUMBER
FT-62-6
FT-125-6
FT-187-6
FT-62-12
FT-125-12
FT-187-12
FT-62-24
FT-125-24
FT-187-24



Dispenser

This functional tool dispenses two staples evenly into the guide openings of the Traditional Field Lacing Tool.

NUMBER
D-2000

STAPLEGRIP



Staplegrip Preset Lacing

can only be used in hammer driver fixtures. Refer to pages 35 and 38 for tools to be used with this lacing.

Available in the popular 62, 125, and 187 sizes that fit belts $\frac{1}{16}$ " to $\frac{1}{4}$ ". The lacing is cross-scored so it can be easily broken by hand to fit any belt width exactly.

Each box includes four sets of lacing with the staples preset into the strips, along with hinge pins and installation instructions.

STAPLEGRIP SPECIFICATIONS

Staplegrip is selected based on the thickness of the belt and the diameter of the drive pulley. Specify the belt width when ordering.

BELT THICKNESS	MIN. PULLEY DIAMETER	SIZE
$\frac{1}{16}$ " - $\frac{1}{8}$ "	2"	62
$\frac{1}{8}$ " - $\frac{3}{16}$ "	3"	125
$\frac{3}{16}$ " - $\frac{1}{4}$ "	4"	187

SIZE 62 PRESET STEEL LACING

NUMBER	BELT WIDTH
PS62-12	12"
PS62-16	16"
PS62-18	18"
PS62-20	20"
PS62-24	24"
PS62-30	30"
PS62-36	36"
PS62-42	42"
PS62-48	48"
PS62-60	60"

SIZE 125 PRESET STEEL LACING

NUMBER	BELT WIDTH
PS125-4*	4"
PS125-10	10"
PS125-12	12"
PS125-14	14"
PS125-16	16"
PS125-18	18"
PS125-20	20"
PS125-24	24"
PS125-30	30"
PS125-36	36"
PS125-42	42"
PS125-48	48"
PS125-60	60"

*10 Sets/Box.

All others are packaged four Sets/Box.

SIZE 187 PRESET STEEL LACING

NUMBER	BELT WIDTH
PS187-12	12"
PS187-16	16"
PS187-18	18"
PS187-20	20"
PS187-24	24"
PS187-30	30"
PS187-36	36"
PS187-42	42"
PS187-48	48"
PS187-60	60"



INSTALLATION TOOLS ARE SHOWN ON PAGES 35 AND 38.

**SIZE 62
PRESET STAINLESS LACING**

NUMBER	BELT WIDTH
PS62S-12	12"
PS62S-18	18"
PS62S-20	20"
PS62S-24	24"
PS62S-30	30"
PS62S-36	36"
PS62S-42	42"
PS62S-48	48"
PS62S-60	60"



**Preset Field
Lacing Tool**

Includes one Field Punch and Comb.
Other sizes available in 6" increments.
Instructional video available online.

**SIZE 125
PRESET STAINLESS LACING**

NUMBER	BELT WIDTH
PS125S-12	12"
PS125S-14	14"
PS125S-16	16"
PS125S-18	18"
PS125S-20	20"
PS125S-24	24"
PS125S-30	30"
PS125S-36	36"
PS125S-42	42"
PS125S-48	48"
PS125S-60	60"

**SIZE 187
PRESET STAINLESS LACING**

NUMBER	BELT WIDTH
PS187S-12	12"
PS187S-16	16"
PS187S-18	18"
PS187S-20	20"
PS187S-24	24"
PS187S-30	30"
PS187S-36	36"
PS187S-42	42"
PS187S-48	48"
PS187S-60	60"

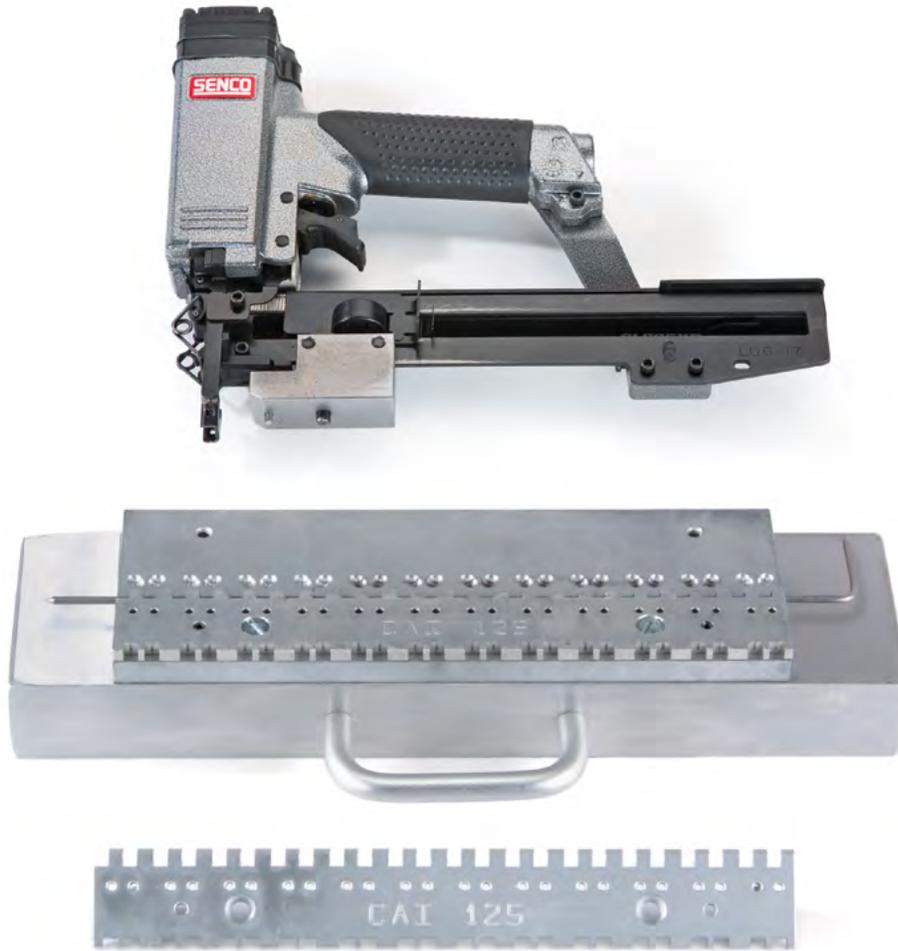
NUMBER
FT-PS62-6
FT-PS125-6
FT-PS187-6
FT-PS62-12
FT-PS125-12
FT-PS187-12
FT-PS62-24
FT-PS125-24
FT-PS187-24

SHIPPING WEIGHT

STAPLEGRIP SHIPPING WEIGHT
4 SETS/BOX (LBS.)

BELT WIDTH	62	125	187
12"	1.5	2.0	3.0
18"	2.0	3.0	4.5
24"	2.8	4.0	5.5
30"	3.5	5.0	7.0
36"	4.0	5.5	8.5
48"	5.5	7.5	11.0
60"	7.0	9.5	14.0

STAPLEGRIP



Professional Installation System

Staplegrip, with its pneumatic Staple Gun SG-25XP and Lacing Tool, is an innovation that's been widely accepted since its introduction in 1992. The tool is available in lengths from 12" to 72".

Not only does this system ease the pain of a hammer tool, it yields a stronger belt splice. All work is 100% visible at all times during installation.

The Staple Gun drives each staple with the same uniform driving force, and the unique die cavities of the Lacing Tool receive and clinch the staple to within 80 to 90% of maximum clinch. That means that the fastener strip is placed and held in compression by the single initial driving force of the Staple Gun.

After all staples are driven into the strip, a single hammer blow creates a smooth, clinched staple—all without having to turn the belt over or pull out misdirected staples. A fully clinched fastener, uniform across the entire belt width, means a stronger splice that will last longer. Field tests have proven Staplegrip does last longer. Patented.

Staple Gun

This heavy-duty Senco® pneumatic stapler has been modified to locate and drive the staples through the belt and clinch the staples. Regulate air pressure (between 70 to 90 lbs.) to suit belt being laced. Senco five-year warranty.

NUMBER
SG-25XP



Lacing Tool

NUMBER
LT-12
LT-24
LT-36
LT-48
LT-60

Note: Top plate included.
Specify 62, 125, or 187.



Top Plates

NUMBER
TP-62
TP-125
TP-187

Note: Plates for 12" section.



INSTRUCTIONAL VIDEOS

Watch instructional videos for this and other Conveyor Accessories products online at: conveyoraccessories.com/instructions

Tools, Accessories & Extra Supplies

Steel Hinge Pins

ITEM
NC62
NC125
NC187
NC62C*
NC125C*
NC187C*

*Priced per 100'. All others priced per foot.

Staples

990 / BOX

ITEM
62S
125S
187S

Stainless Steel Hinge Pins

ITEM
NCS62
NCS125
NCS187
NCS62C*
NCS125C*
NCS187C*

*Priced per 100'. All others priced per foot.

Wire Hooks Hinge Pins

NYLON COVERED STEEL PIN	PIN DIAMETER INCHES
NY065C	.065
NY093C	.093
NY109C	.109
NY125C	.125
NY156C	.156

Pin Retaining Washer

50 / PACK



Punch

ITEM
FP-2000



Combs

ITEM
TP-62-6
TP-125-6
TP-187-6

Note: Comb for 6" section.

NYLON COVERED STAINLESS PIN	PIN DIAMETER INCHES
NYS065C	.065
NYS093C	.093
NYS109C	.109
NYS125C	.125
NYS156C	.156