



HEAVYWEIGHT FASTENERS

Super-Screw – Flexible Rubber Fastening System

FAST, EASY ALTERNATIVE TO VULCANIZATION



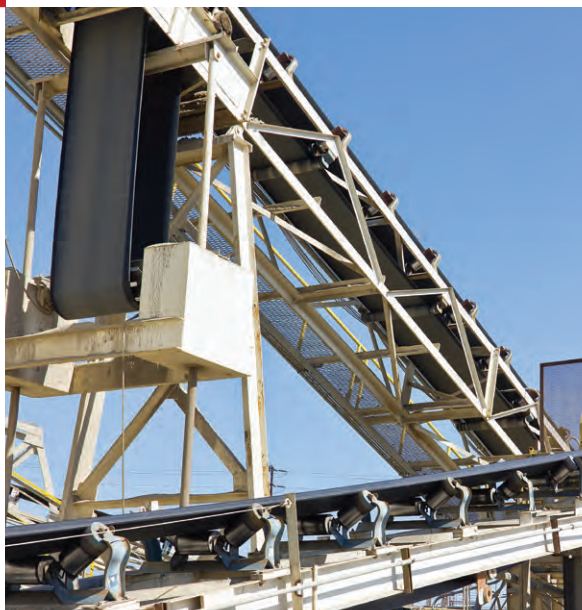


24-HOUR ON-DEMAND EXPERT SERVICE

For over 85 years, Shipp Belting has been a trusted leader in providing conveyor belts and components for a wide variety of industries and applications. Our deep expertise, combined with high-quality products, ensures you get the solutions you need to enhance production efficiency. We're committed to delivering exceptional service while helping you meet the strictest safety and quality standards, ensuring long-term reliability and success for your operations.



**“Our Commitment to
Improving the Customer
Experience began in 1938”**



SUPER-SCREW FLEXIBLE RUBBER FASTENING SYSTEM



WHAT MAKES THE SUPER-SCREW SYSTEM UNIQUE

The Super-Screw System uses specially designed self-drilling, self-tapping screws that pass between the carcass threads of the belt without cutting them, preserving its integrity. Pre-assembled with spacers to ensure perfect alignment of the top and bottom covers, Super-Screw is ready for immediate installation. The kit includes screws and Pozidriv or “PZ” bits, requiring only a standard powered drill or a ¼” impact driver — no additional tools needed. The result is a reliable splice that can be installed anytime, anywhere, and under any weather conditions.



FAST, EASY ALTERNATIVE TO VULCANIZATION

The Super-Screw System offers an innovative, reliable solution for even the toughest, most demanding applications. Designed as a flexible alternative to traditional vulcanization, it screws directly into the belt with exceptional accuracy and precision, delivering a seamless and effective splice unlike any other.

- ▶ Fast and Easy Installation
- ▶ Sift-free
- ▶ Withstands Temperatures from -22° F to 392° F (-30° C to 200° C)
- ▶ Self-tapping Screws
- ▶ Strong, Yet Flexible
- ▶ Wear-resistant and Cut-resistant
- ▶ Compatible with Small Pulley Diameters



ADAPTABLE TO ANY SPACE AND WEATHER CONDITION

This revolutionary system includes top and bottom rubber pieces reinforced with fabric plies for added strength, featuring pre-drilled holes fastened with screws using a cordless drill. The result is a durable, flexible splice that provides all the benefits of vulcanization — without the associated challenges. Super-Screw is designed for easy installation, regardless of the conveyor belt's location or accessibility, and performs reliably in any weather condition. It accommodates skived belt thicknesses from $\frac{5}{32}$ " to $\frac{3}{4}$ " (4 mm to 19 mm) and pulley diameters as small as 6", with sizes available for PIW ratings up to 1200.



APPLICATIONS ACROSS MULTIPLE INDUSTRIES

Super-Screw is an innovative solution for a wide range of industries, including:

- ▶ Quarries
- ▶ Cement plants
- ▶ Crushed rock
- ▶ Underground and surface mining
- ▶ Coal
- ▶ Hard-rock
- ▶ Wood processing
- ▶ Industrial minerals
- ▶ and More



SUPER-SCREW SELECTION GUIDE

STEP 1

Choose the Right Type:

- ▶ Consider belt strength, working tension, thickness, and cover grade.
- ▶ Provide belt type for assistance if needed.

ITEMS	35	63	65	80	85
Final Belt Thickness inch	$\frac{5}{32} - \frac{7}{16}$	$\frac{5}{32} - \frac{1}{2}$	$\frac{5}{32} - \frac{1}{2}$	$\frac{3}{16} - \frac{19}{32}$	$\frac{3}{16} - \frac{19}{32}$
Max.Belt Tension PIW	200	360		450	
Max.Belt Strength N/mm	315	630	630	800	800
Min.Pulley Dia. Inch	6	8		10	
Thickness Upper Part inch	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{15}{64}$	$\frac{15}{64}$	$\frac{9}{32}$
Thickness Bottom Part inch	$\frac{5}{32}$	$\frac{11}{64}$			
Number of Textile Plies Top	1	2		2	
Number of Textile Plies Bottom	1	2		2	
Products Width inch	2 $\frac{1}{2}$	4			
Skiving Depth First Screwd Part mm	1	2			
Skiving Depth Second Screwd Part mm	1 $\frac{1}{2}$	2			
Qty of Screws per Meter	110	200			
Screws ϕ mm				M5	
Roll Length m				25	
Standard Number of Screws	2750	5000			
The Real Packed Quantity of Screws	3870	6075			
Standard Spacers Needed				10 Pcs/Meter	
Standard PZ Bags Needed				1 Pcs/Meter	
Number of Packing Cartons	2			3	
Screws Packing					
PZ Bits & Spacers Packing					
Gross Weight with Accessories lbs	59	109	112	212	
Net Weight with Accessories lbs	56	105	108	206	
Belt Package size (L×W×H) inch	20×20×5	20×20×5	20×20×5	20×20×5	
Accessories Package Size (L×W×H) inch	15×12×4	15×12×4	15×12×4	15×12×4	
Total CBM	0.05	0.08	0.08	0.08	

STEP 2

Confirm Dimensions:

- Join Length
= Product Width,
in the table below.

STEP 3

Select the Belt Performance:

- Select the appropriate performance
based on your specific working
conditions and material type:

HR (heat resistant)

AR (abrasion resistant)

PU (polyurethane)

Screws also available in stainless steel.

100	105	125	127	180	185	200	205
$\frac{1}{4} - \frac{5}{8}$	$\frac{1}{4} - \frac{5}{8}$	$\frac{9}{32} - \frac{13}{16}$	$\frac{9}{32} - \frac{13}{16}$	$\frac{9}{32} - \frac{13}{16}$	$\frac{9}{32} - \frac{13}{16}$	$\frac{9}{32} - \frac{3}{4}$	$\frac{9}{32} - \frac{3}{4}$
650		750		1000		1200	
1000	1000	1250	1250	1800	1800	2000	2000
12		14		16		20	
$\frac{9}{32}$	$\frac{11}{32}$	$\frac{1}{4}$	$\frac{11}{32}$	$\frac{9}{32}$	$\frac{11}{32}$	$\frac{11}{32}$	$\frac{25}{64}$
$\frac{11}{64}$				$\frac{15}{64}$			
3		2		2		2	
3		2		2		2	
6				10			
3				5			
$3 \frac{3}{8}$				$5 \frac{1}{2}$			
280				254			
				M6			
				15			
7000				3810			
8100				4000			
				10 Pcs/Meter			
				1 Pcs/Meter			
				3			
Plastic Box							
Poly Bag or Box							
222	258	227		233		239	
213	252	218		224		231	
22×22×8	22×22×8	22×22×8		22×22×8		22×22×8	
15×12×4	15×12×4	15×12×4		15×12×4		15×12×4	
0.13	0.13	0.13		0.13		0.1	

**We guarantee consistent
and timely service to all of our
partners, no matter what.
When you choose Shipp Belting,
you choose to minimize costly
downtime and meet sanitary
regulations for your modern,
heavyweight equipment.**

Have a Belt Problem? We can help.



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Daily Assistance
& Emergency Service
(254) 776-0493

*sales@shippbelting.com
zach.palmer@shippbelting.com*

Shipp Belting Company
123 S. Industrial Dr.
Waco, TX 76710

shippbelting.com