

Flexco® SR™ Rivet Hinged R9 Belt Fastener

RH235



Flexco R9 is designed for the most demanding applications

For a strong splice, even in the most demanding high-tension or thick belt applications, Flexco® R9 has greater reachback, a thicker plate and an enhanced loop area to accommodate a larger diameter hinge pin. In addition, R9 also features the patented low profile Scalloped Edge™ design and built-in viewports in each plate for accurate positioning and easy installation.



Market applications

- Underground Mining
- Copper
- Gold
- Scrap Metal

Flexco R9 is designed for:

• High tension applications

For use on mainline and panel belts with mechanical fastener ratings up to 2000 P.I.W. (350 kN/m).

• Thick belt applications

For thick belts 5/8" to 1" (16 – 25.5 mm) used in front of chute transfer points and for other high impact applications.

• Fast, easy installation

R9 can be installed with the portable MSRT9 installation tool and a 6 lb. Hammer or with the Flexco Power Set™ Rivet Driver and special Power Set Rapid Loader™ Collated Rivets.

• Fastener/Belt Cleaner compatibility

Used with the Minline® family of belt cleaners, the Scalloped Edge™ and low profile reduces fastener impact for cleaner blades, skirt rubber and return idlers for less wear and tear on you conveyor.

• Abrasive and Corrosive applications

R9 is available in 300 Series Stainless Steel and is recommended for use with Nylon Covered Stainless Cable hinge pins specifically for abrasive and corrosive applications.

For questions regarding R9 and your application, please contact the Flexco Marketing or Engineering departments.



Scalloped Edge™

Viewport

- Thicker plate with greater reachback.
- Enhanced loop area for larger diameter hinge pin.
- Lower fastener profile extends belt splice life.
- Viewport assures proper installation alignment.

Flexco® R9 Fastener Selection Guide

Fastener Size	Belt Thickness Range		For Belts with Mechanical Fastener Ratings Up To:		Recommended Minimum Pulley Diameter (Operating Tension 75%-100% of Belt Rating)	
	in.	mm	P.I.W.	kN/m	in.	mm
R9	5/8- 1	16-25.5	2000	350	42	1050

Note: For thick belt applications with pulley diameters less than 42" (1050 mm), please contact your Flexco Representative for recommendations.

Flexco®

Flexco® SR™ Rivet Hinged R9 Belt Fastener

Use the charts below to match the Flexco® SR™ fasteners, rivets and pin to your needs. For installation with the Flexco Power Set™ Rivet Driver and specially designed Power Set Rapid Loader™ Collated Rivets with washers, contact your local distributor.

Flexco® Scalloped Edge™ R9

(Continuous Strip with 6 or 7 plates per strip)

Belt Width		Ordering Number
in.	mm	300 Series Stainless Steel
48	1200	R9S-SE-48/1200
54	1350	R9S-SE-54/1350
60	1500	R9S-SE-60/1500
72	1800	R9S-SE-72/1800
84	2130	R9S-SE-84/2130



R9 Rivet Selection Chart

Belt Thickness Range		Rivet Size
in.	mm	
5/8- 11/16	16-17	G
21/32-3/4	16.5-19	H
23/32- 13/16	18-21	I
25/32- 7/8	20-22	J*
27/32- 15/16	21-24	K*
29/32- 1	23-25.5	L*

* Use with 3/4" dia. hinge pin.

Hinge Pins For R9

Belt Width		Ordering Number	
in.	mm	NCS (5/8" dia.) Nylon Covered Stainless Cable For Rivet Sizes G, H & I	NCS (3/4" dia.) Nylon Covered Stainless Cable For Rivet Sizes J, K & L
		Each (One Pin)	
48	1200	NCS967-48-1	NCS975-48-1
54	1350	NCS967-54-1	NCS975-54-1
60	1500	NCS967-60-1	NCS975-60-1
72	1800	NCS967-72-1	NCS975-72-1
84	2130	NCS967-84-1	NCS975-84-1

Rivets

Stainless Type 430. Self-setting pre-assembled with pilot nails.

Ordering Number	
Box (250 Rivets)	Bucket (2000 Rivets)
SRG-S	SRG-S-2M
SRH-S	SRH-S-2M
SRI-S	SRI-S-2M
SRJ-S	SRJ-S-2M
SRK-S	SRK-S-2M
SRL-S	SRL-S-2M



MSRT9 Installation Tool

The portable MSRT9 applicator installs R9 fasteners only.



Belt Width		Ordering Number
in.	mm	
48	1200	MSRT9-48
60	1500	MSRT9-60
72	1800	MSRT9-72
84	2130	MSRT9-84

Note: Guide blocks cannot be used with rivet sizes J, K and L.



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