

New Flexco® BR6 for Higher Tension Applications with Smaller Pulley Diameters

The new Flexco® BR6 fastener is an addition to our Rivet Solid Plate fastening system. Ideal for pulley diameters as small as 14" (350 mm), the 6-rivet configuration provides a staggered, multiple-point rivet attachment to allow rivets to pass between carcass fibers without severing them for maximum resistance to pull-out. Plus the patented Scalloped Edge™ provides for a lower fastener profile to extend belt splice life and reduce exposure to belt cleaner blades and other conveyor components.



Flexco BR6 Rivet Solid Plate Fasteners provide all the features of our existing line plus these added features:

- For use with pulley diameters as small as 14" (350 mm) with operating tensions at 75 to 100% of belt tension ratings.
- For use in applications with tension ranges up to 400 PIW (70 kN/m), or greater, depending on the application.
- Flexco BR6 can be used with traditional plied belt as well as with straight warp belting.
- Ideal for applications where a sift-free splice is needed.
- Offered in steel, stainless steel, and MegAlloy® for superior resistance to wear and abrasion.
- Compatible with troughed belts with 20 degree and 35 degree troughing idlers.
- BR6 Rivet Plate can be used as a successful alternative to vulcanized applications.

Features and Benefits



Flexco® BR6 fasteners nest securely in the tool to allow for fast, accurate installation.



Increase operator efficiency with electric powered installation of BR6 fasteners.



Use Rapid Loader™ Collated Rivet Strips to speed installation of Flexco® BR6 fasteners.

FLEXCO® BR6 Solid Plate Fasteners

Flexco® BR6 Fastener Selection Guide

Fastener Size	For Belts With Mechanical Fastener Ratings Up To:		Belt Thickness Range		Minimum Pulley Diameter Operating Tension 75%-100% of Belt Rating	
	PI.W.	kN/m	in.	mm	in.	mm
BR6	400*	70*	1/4-21/32	6.5-17.0	14	350

* Contact Flexco Engineering for applications greater than 400 PIW (70kN/m)

Ordering Information

Flexco® Scalloped Edge™ BR6

Belt Width		Ordering Number	Item Code	Ordering Number	Item Code
in.	mm				
		STEEL		STAINLESS	
24	600	BR6-SE-24	40658	BR6S-SE-24	40769
30	750	BR6-SE-30	40682	BR6S-SE-30	40787
36	900	BR6-SE-36	40683	BR6S-SE-36	40790
42	1050	BR6-SE-42	40684	BR6S-SE-42	40791

Each box of BR6 fasteners contains 4 fastener strips and hold down assembly clips.

Flexco® Scalloped Edge™ BR6 MegAlloy®

Ordering Number	Item Code
BR6MA-SE	41776

Each box of BR6 MegAlloy® fasteners contains ten 9-plate fastener strips for 60"/1500 mm of splicing.

Flexco® Rivet Solid Plate Fasteners And Rivets Required For Various Belt Widths

Belt Width		No. of Fasteners Required	No. of Rivets Required
in.	mm		
24	600	18	108
30	750	22	132
36	900	27	162
42	1050	31	186
48	1200	36	216
60	1500	44	264
72	1800	54	324
84	2130	62	372
96	2430	72	432

Flexco® Rivet Selection Gauge

Rivet Size	Belt Thickness Range	
	in.	mm
A	1/4 - 11/32	6.5 - 9.0
B	5/16 - 13/32	8.0 - 10.5
C	3/8 - 15/32	9.5 - 12.0
C/D	7/16 - 17/32	11.0 - 13.5
D	1/2 - 19/32	13.0 - 15.0
E	9/16 - 21/32	14.5 - 17.0



Steel and stainless are packaged 4 strips to a box in standard strip lengths of 24", 30", 36", and 42" (600, 750, 900, and 1050 mm).

MegAlloy® is packaged ten 9-plate fastener strip per box for 60"/1500 mm of splicing.

Ordering Information

BR6 Rapid Loader™ Rivet Strips

Ordering Number	Item Code	Ordering Number	Item Code
STEEL		STAINLESS	
CBR6A	41785	CBR6A-S	41795
CBR6B	41786	CBR6B-S	41796
CBR6C	41788	CBR6C-S	41797
CBR6C/D	41792	CBR6C/D-S	41798
CBR6D	41793	CBR6D-S	41799
CBR6E	41794	CBR6E-S	41800

Authorized Distributor:



2525 Wisconsin Avenue • Downers Grove, IL 60515-4200 • USA
Tel: (630) 971-0150 • Fax: (630) 971-1180 • E-mail: info@flexco.com

Visit www.flexco.com for other Flexco locations and products.

©2009 Flexible Steel Lacing Company. Flexco® and MegAlloy® are registered trademarks. 12-13. For Reorder: X2110

