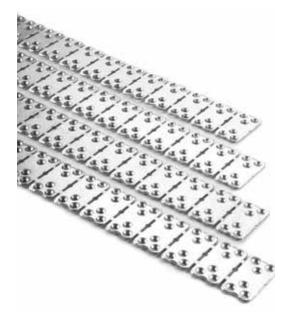
FLEXCO[®] BR6 Solid Plate Fasteners

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	Fastener Batinds UD IO:		Belt Thickness Range		Minimum Pulley Diameter Operating Tension 75%-100% of Belt Rating	
	P.I.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 Iten		Ordering	ltem
in.	mm	Number	Code	Number	Code
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

Flexco [®] Scalloped Edge™ BR6 MegAlloy®			
Ordering Number	ltem Code		
BR6MA-SE	41776		
Fach hox of BB6 MegAllov® fasteners			

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

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

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

Bent Maths				
Belt Width		No. of	No. of	
in.	mm	Fasteners Required	Rivets Required	
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	Belt Thickness Range			
Size	in.	mm		
Α	1/4 - 11/32	6.5 - 9.0		
В	5/16 - 13/32	8.0 - 10.5		
С	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		

Ordering Information					
BR6 Rapid Loader™ Rivet Strips					
Ordering Number	ltem Code	Ordering Iter Number Cod			
STEE	STEEL		SS		
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		



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.

.....

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.

