

Flexco® Bolt Solid Plate Fastener System

BSP200



When belt top covers are 3/16" (5 mm) or more, countersinking (recessing) fastener plates is recommended.



Exclusive tapered tip cradles nuts securely in place.

Easy to use.

Reduces installation time.

Flexco® Bolt Solid Plate fasteners are engineered to meet the demands of the toughest material handling applications, providing a strong sift-free splice and superior holding ability. A choice of sizes accommodates belts from 3/16" (5 mm) to over 15/16" (24 mm) thick.

High strength

High strength is the result of superior design and plate compression on both the top and bottom sides of the belt. High tensile strength bolts compress top and bottom plates to distribute splice tension evenly across the entire width of each fastener plate. For added strength and pull-out resistance, specially formed teeth penetrate deep into the belt carcass – without damaging carcass fibers.

Easy installation

Field-proven templates, punches, and boring tools make it easy to quickly and accurately prepare belts for fastener installation. Fasteners are easily installed on-site using portable hand tools or power tools. Our exclusive piloted bolts also contribute to faster installation.

Market applications

- Sand
- Gravel
- Crushed stone
- Grain
- Coal
- Cement
- Salt

Flexco® Bolt Solid Plate 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
1	3/16 - 7/16	5 - 11	150	30	12	300
140	3/16 - 7/16	5 - 11	225	40	14	350
190	5/16 - 9/16	8 - 14	330	60	18	450
1-1/2	7/16 - 11/16	11 - 17	300	50	18	450
2	9/16 - 13/16	14 - 21	440	75	30	750
2-1/4	9/16 - 1-3/16	14 - 30	620	105	36	900
2-1/2	3/4 - 1	19 - 25	450	75	42	1050
3	15/16 & over	24 & over	560	100	48	1200

FLEXCO® Bolt Solid Plate