## **Euro She-Bolts** 15mm and 20mm threaded ties for quicker gangform assembly and stripping

Euro She-Bolts are heavy duty, reusable form ties used for medium and heavy concrete forming applications. Euro She-Bolts are used in combination with Inner Tie Rods or Euro Rod cut to length on the job site.

The expendable Inner Tie Rod joins two Euro She-Bolts to create the form tie assembly. A Flat Washer and Wing Nut (following page) placed on the threaded end transfers the load to the forming system frame or waler.

Applying waterproof grease evenly to Euro She-Bolts prior to concrete placement facilitates removal. The squared end can be turned with a wrench during removal. Worn or damaged Euro She-Bolts and hardware must be replaced.



Reusable Euro She-Bolts and Inner Tie Rods can be used with different types of foming systems.

Euro She-Bolts					
Part No.	Description	Inner Rod Size	Safe Working Load *	Weight/lbs	
SBESB1615MM	15mm She-Bolt 16"	15 mm	22,400 lbs	2.0	
SBESB1815MM	15mm She-Bolt 18"	15 mm	22,400 lbs	2.6	
SBESB2415MM	15mm She-Bolt 24"	15 mm	22,400 lbs	3.0	
SBESB1820MM	20mm She-Bolt 18"	20 mm	39,200 lbs	3.3	
SBESB2420MM	20mm She-Bolt 24"	20 mm	39,200 lbs	4.0	
SBESB3020MM	20mm She-Bolt 30"	20 mm	39,200 lbs	10.5	

\* Safe working load based on safety factor of 2:1.



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Inner Tie Rods*				
Part No. Description		She-Bolt Size		
SBIR15MM10	Inner Tie Rod 15mm x 10"	15 mm		
SBIR15MM12	Inner Tie Rod 15mm x 12"	15 mm		
SBIR15MM20	Inner Tie Rod 15mm x 20"	15 mm		

\* Other sizes available on request.

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Optional neoprene waterseal and/or flattened center available on request.

Wing Nuts		
Part No.	Description	
SBWN58	15mm Wing Nut	
SBWN58P	15mm Wing Nut Washer	
SBWN58SP	15mm Wing Nut with Swivel Plate	
SBWN78	20mm Wing Nut	
SBWN78P	20mm Wing Nut Washer	
SBWN78SP	20mm Wing Nut with Swivel Plate	



Flat Washers*				
Part No.	Description	Dimensions		
SBFW12551116	Flat Washer 1/2" Plate	5" x 5" with 1-1/16" Hole		
SBFW12551516	Flat Washer 1/2" Plate	5" x 5" with 1-5/16" Hole		

\* Other sizes available on request.

