

# SAFE-GUARD<sup>®</sup>

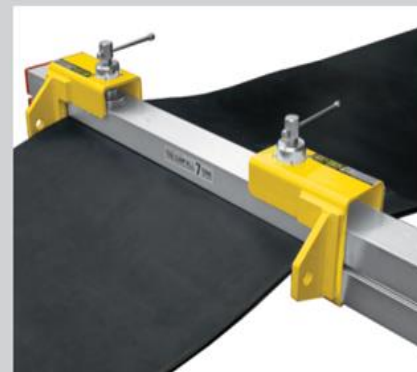
## SURE GRIP<sup>™</sup> BELT CLAMPS

### Conveyor Safety Product

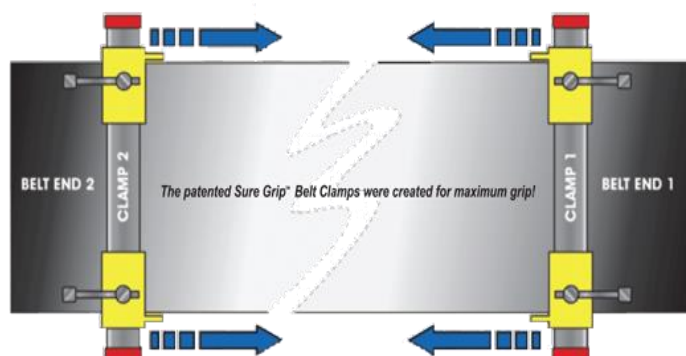
MEGASUPPLY S.C.R.L.

The patented **Sure Grip<sup>™</sup> Belt Clamps** were created for maximum grip! Sure Grip<sup>™</sup> offers exceptional belt clamping for all types of conveyor belt maintenance in a variety of working conditions.

**Sure Grip<sup>™</sup> Belt Clamps** are the only conveyor belt clamps that provide a positive even pressure across the entire width of the conveyor belt and do not require the belt to be pulled (tensioned) in order to apply pressure to the clamps.



- **Unique Design** - of our patented Sure Grip<sup>™</sup> allows for a positive gripping force that far exceeds all competitive solutions.
- **Available in Two (2) Versions:**
  - **BC5:** (5 Tons) for medium duty coal and coal fired power plants; copper and gold mining; iron ore and steel mills; bulk shipping terminals; aggregate and cement and mineral mining; pulp and paper mills.
    - Max Belt Thickness: 1" (25mm)
  - **BC7:** (7 Tons) for heavy duty wide conveyor belts in coal and coal fired power plants; copper and gold mining; iron ore and steel mills; and bulk shipping terminals.
    - Max Belt Thickness: 2" (50mm)
- **Designed for Use in Any Conditions**
- **Easy to Transport and Assemble** – The bolt is not removed from the clamp and the Sure Grip<sup>™</sup> stays assembled to minimize damage/loss.



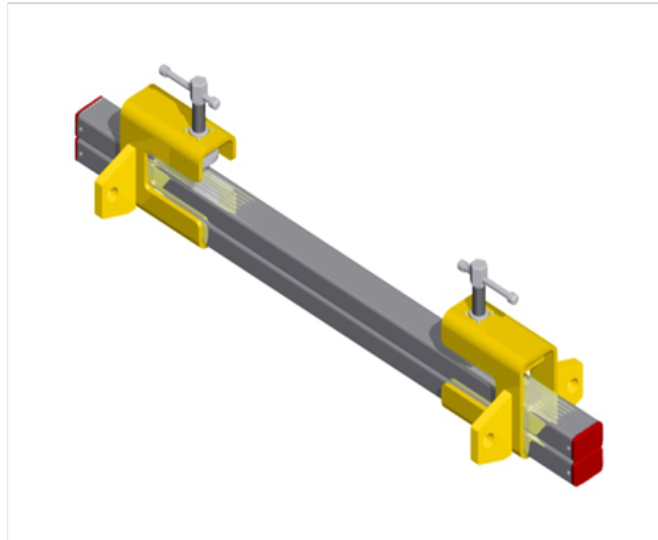
# SAFE-GAURD® SURE GRIP™ BELT CLAMPS

**BC5: (5 Ton) • Max Belt Thickness: 1" (25mm) Maximum Screw Tension: 66 lbs/ft (90 N/M)**

## Sure Grip™ BC5 (5 Ton)

- Torque 90 N/M (66 ft. lbs.): 30 kg (66 ft lbs) applied to 300 mm (12") spanner
- Coefficient of friction: 0.14 on main screw
- Force per clamp: 3 tons (6,600 lbs.)
- Total clamp force on belt: 6 tons (13,200 lbs.)
- Total force at belt creep: 10 tons (22,000 lbs.)
- 2 to 1 safety factor = W.L.L. of 5 tons (11,000 lbs.)

Safe-Guard® Sure Grip™ Belt Clamps BC5 (5 Ton) Pair of Belt Clamps				
Part Number	Belt Width		Belt Width Mx.Thickness	
	in	mm	in	mm
M-ASG-SGMDP-36-AB	36	900	<1	25
M-ASG-SGMDP-42-AB	42	1050	<1	25
M-ASG-SGMDP-48-AB	48	1200	<1	25
M-ASG-SGMDP-54-AB	54	1350	<1	25
M-ASG-SGMDP-60-AB	60	1500	<1	25
M-ASG-SGMDP-72-AB	72	1800	<1	25

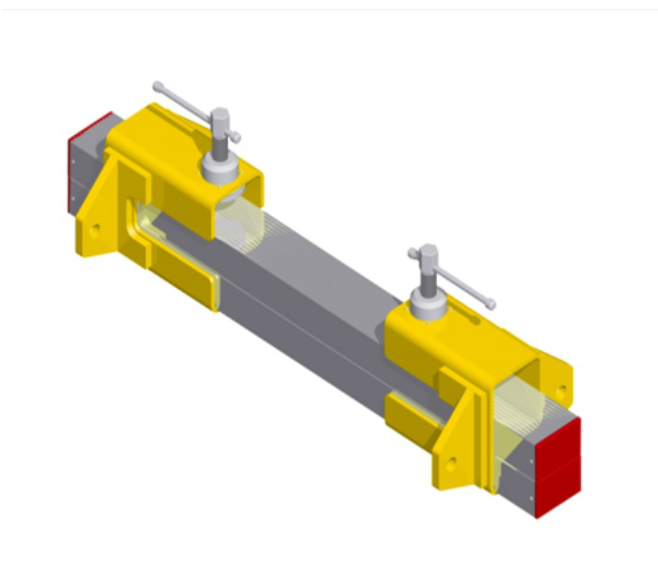


**BC7: (7 Ton) • Max Belt Thickness: 2" (50mm) Maximum Screw Tension: 118 lbs/ft (160 N/M)**

## Sure Grip™ BC7 (7 Ton)

- Torque 160 N/M (118 ft. lbs.): 54 kg (118 ft lbs) applied to 300 mm (12") spanner
- Coefficient of friction: 0.14 on main screw
- Force per clamp: 3.5 tons (7,700 lbs.)
- Total clamp force on belt: 7 tons (15,400 lbs.)
- Total force at belt creep: 14 tons (30,800 lbs.)
- 2 to 1 safety factor = W.L.L. of 7 tons (15,400 lbs.)

Safe-Guard® Sure Grip™ Belt Clamps BC7 (7 Ton) Pair of Belt Clamps				
Part Number	Belt Width		Belt Width Mx.Thickness	
	in	mm	in	mm
M-ASG-SGHDP-36-AB	36	900	<2	50
M-ASG-SGHDP-42-AB	42	1050	<2	50
M-ASG-SGHDP-48-AB	48	1200	<2	50
M-ASG-SGHDP-54-AB	54	1350	<2	50
M-ASG-SGHDP-60-AB	60	1500	<2	50
M-ASG-SGHDP-72-AB	72	1800	<2	50
M-ASG-SGHDP-60-AB	60	1500	<2	50
M-ASG-SGHDP-72-AB	72	1800	<2	50



**NOTE:** The above data is based on extensive testing and represents standard values. ASGCO® reserves the right to make changes without prior notice and refuses all claims arising from such changes. All items are subject to change without previous notice.