

SLING PROTECTOR MAGNETIC CORNER

Spec Sheet



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SLING PROTECTORS



Medium Duty

Magnetic LiftGuard Sling Protectors securely fasten to loads and are engineered to **protect slings from damage caused by contact with edges**, corners, or protrusions. Medium Duty edge protectors are ideal for use with all synthetic web slings. LiftGuard Units are magnetic which allows for easy and secure placement for riggers. All magnets are slightly recessed to prevent their damage and ensure a connection without scratching the load surface

Safe Operating Zone: The useable area between the raised shoulders of the sling protector (see image).

Sling Total Contact Width: Round synthetic slings compress and flatten as the load is picked. Select your sling protector based on the Sling Width Under Load.

Width at Load: Sling Width Under Load.

- Sling Total Contact Width: Round synthetic slings compress and flatten as the load is picked. Select your sling protector based on the Sling Width Under Load.
- Caution – If your sling width under load is wider than the safe operating zone, the sling will point load.

Maximum Capacity: The total capacity of the individual sling protector, ASSUMING, the sling contact width does not exceed the safe operating area, AND the face of the sling protector is in 100% contact on both the vertical and horizontal surfaces.



Description	Weight (kg)	Width (cm)	Length (cm)	Height (cm)	Max capacity based on max sling width (Tonne)	Max Sling Width (cm)
10cm Medium Duty LiftGuard Magnetic Edge Protector w/Strap	0.45	3.81	10	3.81	11.3T	5
15cm Medium Duty LiftGuard Magnetic Edge Protector w/Strap	0.57	3.81	15	3.81	22.6T	10
22cm Medium Duty LiftGuard Magnetic Edge Protector w/Strap	0.68	3.81	22	3.81	39.6T	17
30cm Medium Duty LiftGuard Magnetic Edge Protector w/Strap	1	3.81	30	3.81	56.6T	25
45cm Medium Duty LiftGuard Magnetic Edge Protector w/Strap	1.18	3.81	45	3.81	90.7T	40

SLING PROTECTORS



Heavy Duty

Magnetic LiftGuard Sling Protectors securely fasten to loads and are engineered to **protect slings from damage caused by contact with edges**, corners, or protrusions. Heavy Duty Units can be used with synthetic slings but are specifically designed for the high pressure needs of chain slings. LiftGuard Units are magnetic which allows for easy and secure placement for riggers. All magnets are slightly recessed to prevent their damage and ensure a connection without scratching the load surface

Safe Operating Zone: The useable area between the raised shoulders of the sling protector (see image).

Sling Total Contact Width: Round synthetic slings compress and flatten as the load is picked. Select your sling protector based on the Sling Width Under Load.

Width at Load: Sling Width Under Load.

- Sling Total Contact Width: Round synthetic slings compress and flatten as the load is picked. Select your sling protector based on the Sling Width Under Load.
- Caution – If your sling width under load is wider than the safe operating zone, the sling will point load.

Maximum Capacity: The total capacity of the individual sling protector, ASSUMING, the sling contact width does not exceed the safe operating area, AND the face of the sling protector is in 100% contact on both the vertical and horizontal surfaces.



Description	Weight (kg)	Width (cm)	Length (cm)	Height (cm)	Max capacity based on max sling width (Tonne)	Max Sling Width (cm)
15cm Heavy Duty LiftGuard Magnetic Edge Protector w/Strap	1.91	7.62	15	7.62	22.6T	10
22cm Heavy Duty LiftGuard Magnetic Edge Protector w/Strap	2.72	7.62	22	7.62	39.6T	17
30cm Heavy Duty LiftGuard Magnetic Edge Protector w/Strap	3.81	7.62	30	7.62	56.6T	25
45cm Heavy Duty LiftGuard Magnetic Edge Protector w/Strap	5.67	7.62	45	7.62	90.7T	40

SLING PROTECTORS



Coil Units

Coil units allow for a secure protector fit within the center and on top of a steel coil. **LiftGuard Center Coil Sling Protectors** are designed to be used INSIDE the bore or the center of a steel coil. The horizontal surface of the center coil unit is convex and fits the inside of a coil. **LiftGuard Top Coil Sling Protectors** are designed for THE TOP of the steel coil. Both the horizontal and vertical surfaces are flat, neither surface is curved.

Safe Operating Zone: The useable area between the raised shoulders of the sling protector (see image).

Sling Total Contact Width: Round synthetic slings compress and flatten as the load is picked. Select your sling protector based on the Sling Width Under Load.

Width at Load: Sling Width Under Load.

- Sling Total Contact Width: Round synthetic slings compress and flatten as the load is picked. Select your sling protector based on the Sling Width Under Load.
- Caution – If your sling width under load is wider than the safe operating zone, the sling will point load.

Maximum Capacity: The total capacity of the individual sling protector, ASSUMING, the sling contact width does not exceed the safe operating area, AND the face of the sling protector is in 100% contact on both the vertical and horizontal surfaces.



Description	Weight (kg)	Width (cm)	Length (cm)	Height (cm)	Max capacity based on max sling width (Tonne)	Max Sling Width (cm)
15cm Steel Coil Protector - TOP w/Strap	1.91	7.62	15	7	22.6T	10
20cm Steel Coil Protector - TOP w/Strap	-	-	20	-	33.4T	15
15cm Steel Coil Protector - CENTER - Bore Diameter 50cm w/Strap	-	-	15	-	22.6T	10
17cm Steel Coil Protector - CENTER - Bore Diameter 40cm w/Strap	-	15	17	15	26.6T	12
20cm Steel Coil Protector - CENTER - Bore Diameter 40cm w/Strap	2.72	15	20	15	33.4T	15

*Where a dash (-) is present, information is not yet available

SLING PROTECTORS



Beam and Plate Units

Magnetic LiftGuard Beam & Plate Sling Protectors securely fit the flanges of an “I-Beam” or the edge of a steel plate and protect slings from damage caused by contact with edges, corners, or protrusions.

LiftGuard Units are magnetic which allows for easy and secure placement for riggers. All magnets are slightly recessed to prevent their damage and ensure a connection without scratching the load surface.

Safe Operating Zone: The useable area between the raised shoulders of the sling protector (see image).

Sling Total Contact Width: Round synthetic slings compress and flatten as the load is picked. Select your sling protector based on the Sling Width Under Load.

Width at Load: Sling Width Under Load.

- Sling Total Contact Width: Round synthetic slings compress and flatten as the load is picked. Select your sling protector based on the Sling Width Under Load.
- Caution – If your sling width under load is wider than the safe operating zone, the sling will point load.

Maximum Capacity: The total capacity of the individual sling protector, ASSUMING, the sling contact width does not exceed the safe operating area, AND the face of the sling protector is in 100% contact on both the vertical and horizontal surfaces.



Description	Weight (kg)	Width (cm)	Length (cm)	Height (cm)	Max capacity based on max sling width (Tonne)	Max Sling Width (cm)
22cm MD Plate & Beam Magnetic Edge Protector. Groove width 1.2cm w/Strap	1.27	7	22	7	39.6T	18
30cm MD Plate & Beam Magnetic Edge Protector. Groove width 1.2cm w/Strap	4.08	-	30	-	55.5T	25
22cm MD Plate & Beam Magnetic Edge Protector. Groove width 0.6cm w/Strap	1.27	10	22	10	39.6T	18
22cm MD Plate & Beam Magnetic Edge Protector. Groove width 1.5cm w/Strap	1.27	-	22	-	39.6T	18
22cm MD Plate & Beam Magnetic Edge Protector. Groove width 1.9cm w/Strap	1.27	10	22	10	39.6T	18

*Where a dash (-) is present, information is not yet available

SLING PROTECTORS



Beam and Plate Units

*Where a dash (-) is present, information is not yet available

Description	Weight (kg)	Width (cm)	Length (cm)	Height (cm)	Max capacity based on max sling width (Tonne)	Max Sling Width (cm)
22cm HD Plate & Beam Magnetic Edge Protector. Groove width 5cm w/Strap	2	3	22	3	37.4T	17
30cm Half Round Bar LiftGuard Magnetic Edge Protector w/Strap	2	7	30	7	55.5T	25
30cm HD Plate & Beam Magnetic Edge Protector. Groove width 7.5cm w/Strap	4	8	30	8	55.5T	25
30cm HD Plate & Beam Magnetic Edge Protector. Groove width 3.8cm w/Strap	4	7	30	7	55.5T	25
30cm HD Plate & Beam Magnetic Edge Protector. Groove width 4.4cm w/Strap	4	7	30	7	55.5T	25
30cm HD Plate & Beam Magnetic Edge Protector. Groove width 5cm w/Strap	4	7	30	7	55.5T	25
30cm HD Plate & Beam Magnetic Edge Protector. Groove width 5.7cm w/Strap	-	-	30	-	55.5T	25
30cm HD Plate & Beam Magnetic Edge Protector. Groove width 6.3cm w/Strap	4	7	30	7	55.5T	25
30cm HD Plate & Beam Magnetic Edge Protector. Groove width 6.9cm w/Strap	4	7	30	7	55.5T	25
30cm HD Plate & Beam Magnetic Edge Protector. Groove width 7.6cm w/Strap	4	15	30	15	55.5T	25
45cm HD Plate & Beam Magnetic Edge Protector. Groove width 4.1cm w/Strap	5	15	45	15	89T	40
45cm HD Plate & Beam Magnetic Edge Protector. Groove width 5cm w/Strap	5	7	45	7	89T	40
15cm HD Plate & Beam Magnetic Edge Protector. Groove width 0.79cm w/Strap	-	15	15	15	89T	10

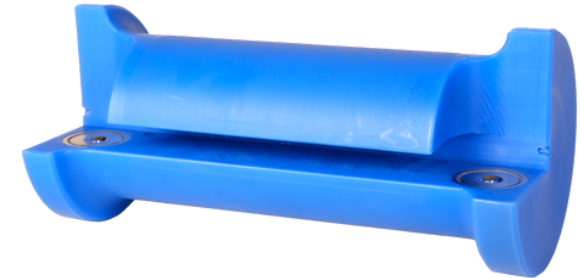
SLING PROTECTORS



Using Beam and Plate Units

Slings & Load Type:

Ideal for use with synthetic slings. They can be used with wire rope and chain slings. Designed specifically for use with horizontal edges such as I-beams and steel plates.



Specific Use:

To protect slings from damage caused by direct contact with edges, corners or protrusions of loads being lifted.

Beam & Plate Units MUST fit snug, and all three interior surfaces of the plate and I-beam protector MUST be in full contact with the load. If the grooved unit does not fit snug, the edge of the I-beam or plate may create a point load. Point loading can exceed the materials capacity and cause the product to fail.

- (4) Beam & Plate Units are needed at each lift point of an I-Beam.
- (2) units on the bottom flange.
- (2) units on the top flange.
- (8) units are needed to pick I-Beams from (2) pick Points.

Steel Plate: Groove size MUST match the plate thickness. Custom sizes are available for your specific needs. Beam & Plate units must be snug. Improperly fit units will lead to point loading and potentially product failure.

- (4) total units are typically needed when lifting steel plates.
- (1) Beam & Plate unit is needed per contact point.

Features and Benefits

- Eliminates sling damage.
- Superior abrasion and wear resistance.
- Magnetic – they stay where you put them.
- Made from a non-metallic, High-Performance Cast Nylon.
- Plate and I-beam protectors are heat stabilised to allow for safe operations at higher temperatures.
- Made in the USA.

