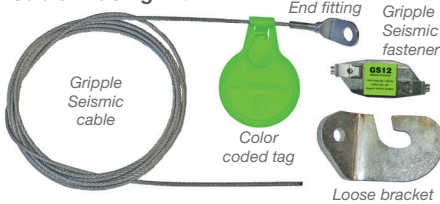


## SEISMIC CABLE BRACING

### Cable Bracing Kit:



### Gripple Seismic Cable:

Break strength certified, pre-stretched Gripple Seismic cable. Available in lengths of 10, 15, and 20 ft

### End Fittings:

45° Eyelet, (E) Standard Bracket (S), or Double Bracket (DS)

### Color Coded Tags:

Pre-assembled color coded tags for easy field verification of cable diameter: GS10=Red; GS12=Green; GS19=Yellow; GS25=Purple

### Gripple Seismic Fasteners:

Design Strength (LRFD)\*: GS10 = 180 kg; GS12 = 429 kg; GS19 = 1 027 kg, GS25 = 1 619 kg

\* Load and Resistance Factor Design

### Loose Brackets:

Standard Bracket (GSS) or Retrofit Bracket (GSR)

## PRODUCT INFORMATION

**FUNCTION** - For bracing and securing suspended nonstructural equipment and components.

**APPLICATION** - Ideal for Transverse, Longitudinal, or 4-Way bracing of nonstructural components and equipment requiring seismic design, especially in essential facilities that are required for emergency operations in the aftermath of an earthquake. Not recommended for use in chlorinated environments.

### MATERIAL SPECIFICATION -

**Cable:** Break strength certified, pre-stretched Gripple Seismic cable. Manufactured to ASTM A1023, ASTM A931. Available in standard lengths of 3 m, 4,5 m et 6 m.

	GS10	GS12	GS19	GS25
<b>Cable Diameter (in.)</b>	2	3	4,75	6
<b>Strand configuration</b>	7 x 7	7 x 7	7 x 19	7 x 19
<b>Design Strength (LRFD*) (kg)</b>	180	429	1 027	1 619

### End Fittings:

45° Eyelet - Zinc plated steel  
Standard Bracket - AISI 1050 Steel minimum UTS 725 MPa pre-attached to cable via a zinc plated copper ferrule  
Double Bracket - AISI 1050 Steel minimum UTS 725 MPa pre-attached to cable via a zinc plated copper ferrule

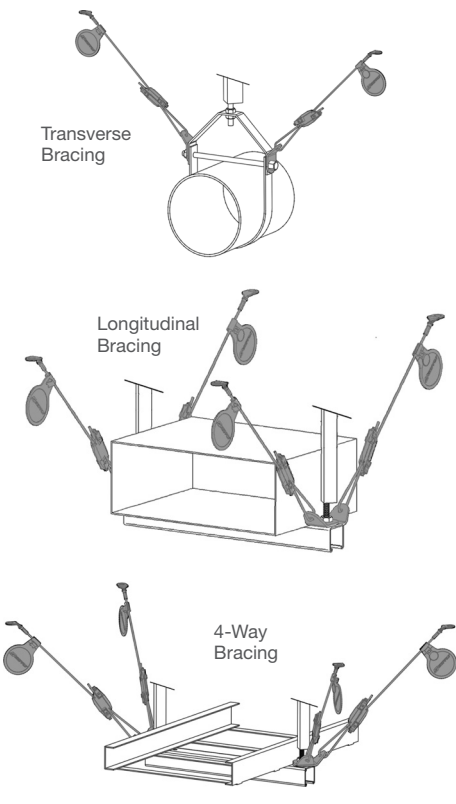
### Seismic Fasteners:

Housing - Type ZA2 Zinc  
Wedge - Sintered steel hardened to min. 56 Rockwell C  
Spring - Stainless Steel (Type 302)  
End Cap - Type ZA2 Zinc  
Screws - Stainless Steel (Type 304)

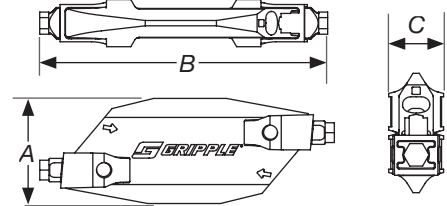
### Loose Brackets:

AISI 1050 Steel minimum UTS 725 MPa

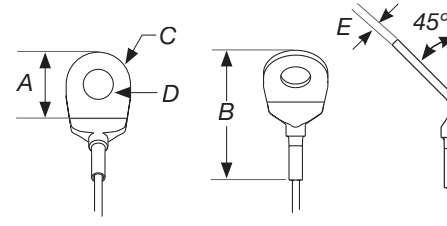
## APPLICATION EXAMPLES



## SPECIFICATIONS

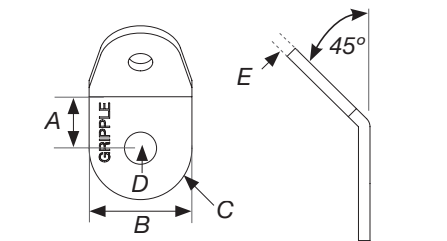


Seismic Fastener	Dimensions (mm)		
	A	B	C
GS10	28,7	85,4	13,3
GS12	28,7	85,4	13,3
GS19	34,5	95,3	14,3
GS25	43,5	114,2	18,0

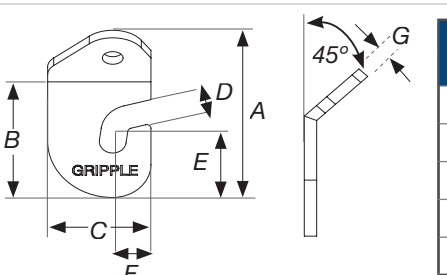


45° Eyelet	Dimensions (mm)				
	A	B	C Ø	D Ø	E
GSE4	25,4	52,0	21,0	11,1	3,2

Hole in Eyelet accommodates a M10 fastener



Standard Bracket	Dimensions (mm)				
	A	B	C Ø	D Ø	E
GSS4	40	40	20	12,5	4
GSS5	42	42	21	15	4
GSS6	42	42	21	17,5	4
GSS8	47	47	23,5	20,5	4
GSS10	54	54	27	28,5	4



Retrofit Bracket	Dimensions (mm)						
	A	B	C	D	E	F	G
GSR4	98	63,5	50	13	31,5	18,5	6
GSR5	100	67	50	15	32,5	17,5	6
GSR6	100	67	50	17,1	32,5	17,5	6
GSR8	111	76,5	60	20,8	35,5	21	6
GSR10	120	85,5	60	26,6	39	21	6

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