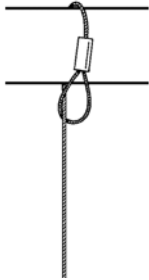




SUBMITTAL DATA

LOOP HANGER

Cable with crimped loop



Gripple fastener



Sizes:

Gripple Sizes:

Safe Working Loads

1:	0 – 22 lbs
2:	23 – 100 lbs
3:	101 – 200 lbs
4:	201 – 495 lbs
5:	496 – 715 lbs

FUNCTION - Recommended for the suspension of HVAC, electrical and mechanical services in an indoor, stationary setting.

TECHNICAL DATA

- All products carry a minimum 5 to 1 safety factor
- SMACNA compliance - Tested and verified to be an acceptable hanger per the SMACNA HVAC DUCT CONSTRUCTION STANDARDS MANUAL (1995). Full report available on request, or visit www.smacnatri.org - click on Testing Program
- UL Listing - UL 1598 Luminaire Fittings
- CSA - Class 3426-01 Luminaire Fittings

MATERIAL SPECIFICATION

GRIPPLE FASTENER	- HOUSING	Type ZA2 Zinc
	- WEDGE	Sintered steel hardened to min. 56 Rockwell C
	- SPRING	Stainless Steel (Type 316)
	- END CAP	UV stabilized homopolymer polypropylene
CABLE	- Grade	AISI 316 zinc galvanized
	- Standard Lengths	- 5, 10, 15, 30 ft

	#1	#2	#3	#4	#5
Cable diameter (in)	3/64	5/64	1/8	3/16	1/4
Strand Configuration	7 x 7	7 x 7	7 x 7	7 x 19	7 x 19
Minimum Breaking Load lbs	176	572	1,276	3,300	4,752
Maximum Safe Working Load lbs	22	100	200	495	715
Tensile strength (lbs / sq. in)	256,717	256,717	256,717	256,717	256,717

CRIMP / FERRULE - Aluminum

Job Name	Location
Engineer	Contractor
Job Number	Submitted By
Comments	

Gripple Inc. 313 Oswalt Avenue, Batavia IL 60510. Toll free 1-866 GRIPPLE. www.gripple.com





SUBMITTAL DATA

STUD HANGER

Cable with crimped 1/4" Stud



Gripple fastener



Sizes:

Gripple Sizes: 1 – 3

Safe Working Loads

- 1: 0 – 22 lbs
- 2: 23 – 100 lbs
- 3: 101 – 200 lbs

FUNCTION - Recommended for the suspension of HVAC, electrical and mechanical services in an indoor, stationary setting.

TECHNICAL DATA

- All products carry a minimum 5 to 1 safety factor
- SMACNA compliance - Tested and verified to be an acceptable hanger per the SMACNA HVAC DUCT CONSTRUCTION STANDARDS MANUAL (1995). Full report available on request, or visit www.smacnatri.org - click on Testing Program
- UL Listing - UL 1598 Luminaire Fittings
- CSA - Class 3426-01 Luminaire Fittings

MATERIAL SPECIFICATION

GRIPPLE FASTENER

- HOUSING Type ZA2 Zinc
- WEDGE Sintered steel hardened to min. 56 Rockwell C
- SPRING Stainless Steel (Type 316)
- END CAP UV stabilized homopolymer polypropylene

CABLE

- Grade AISI 316 zinc galvanized
- Standard Lengths - 5, 10, 15, 30 ft

	#1	#2	#3
Cable diameter (in)	3/64	5/64	1/8
Strand Configuration	7 x 7	7 x 7	7 x 7
Minimum Breaking Load lbs	176	572	1,276
Maximum Safe Working Load lbs	22	100	200
Tensile strength (lbs / sq. in)	256,717	256,717	256,717

STUD END

- 1/4" diameter zinc plated steel. 1" thread length

Job Name	Location
Engineer	Contractor
Job Number	Submitted By
Comments	

Gripple Inc. 313 Oswalt Avenue, Batavia IL 60510. Toll free 1-866 GRIPPLE. www.gripple.com

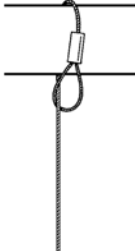




SUBMITTAL DATA

STAINLESS STEEL LOOP HANGER

Cable with crimped loop



Gripple fastener



Size:

Gripple Size: 3

Safe Working Loads

3: 5-200lbs

FUNCTION

Recommended for the suspension of HVAC, electrical and mechanical services in an indoor, stationary setting where additional corrosion protection is required.

TECHNICAL DATA

- All products carry a minimum 5 to 1 safety factor
- SMACNA compliance - Tested and verified to be an acceptable hanger per the SMACNA HVAC DUCT CONSTRUCTION STANDARDS MANUAL (1995). Full report available on request, or visit www.smacnatri.org - click on Testing Program
- UL Listing - UL 1598 Luminaire Fittings
- CSA - Class 3426-01 Luminaire Fittings

MATERIAL SPECIFICATION

- GRIPPLE FASTENER**
- HOUSING Type 316 Stainless Steel
 - WEDGE Ceramic
 - SPRING Type 316 Stainless Steel
 - END CAP Type 316 Stainless Steel
- CABLE**
- Type 316 Stainless Steel
 - Standard Lengths - 5, 10, 15, 30 ft

	#3
Cable diameter (in)	1/8
Strand Configuration	7 x 7
Minimum Breaking Load lbs	1,276
Maximum Safe Working Load lbs	200
Tensile strength (lbs / sq. in)	256,717

CRIMP / FERRULE - Type 316 Stainless Steel

Job Name	Location
Engineer	Contractor
Job Number	Submitted By
Comments	

Gripple Inc. 313 Oswalt Avenue, Batavia IL 60510. Toll free 1-866 GRIPPLE. www.gripple.com





SUBMITTAL DATA

Y-FIT HANGER

Y-Fit Cable with toggles

Sizes:



Gripple fastener



Gripple Sizes: 1 – 3

Safe Working Loads

Max. hole diameter

1: 0 – 22 lbs	1/4"
2: 23 – 100 lbs	5/16"
3: 101 – 200 lbs	3/8"

FUNCTION - Recommended for the suspension of lighting fixtures and other electrical / mechanical services in an indoor, stationary setting.

TECHNICAL DATA

- All products carry a minimum 5 to 1 safety factor
- UL Listing - UL 1598 Luminaire Fittings
- CSA - Class 3426-01 Luminaire Fittings

MATERIAL SPECIFICATION

- GRIPPLE FASTENER**
- HOUSING Type ZA2 Zinc
 - WEDGE Sintered steel hardened to min. 56 Rockwell C
 - SPRING Stainless Steel (Type 316)
 - END CAP UV stabilized homopolymer polypropylene
- CABLE**
- Grade AISI 316 zinc galvanized
 - Standard Lengths - 5, 10, 15, 30 ft
- Y ASSEMBLY**
- Second cable length crimped at 18" from toggle ends

	#1	#2	#3
Cable diameter (in)	3/64	5/64	1/8
Strand Configuration	7 x 7	7 x 7	7 x 7
Minimum Breaking Load lbs	176	572	1,276
Maximum Safe Working Load lbs	22	100	200
Tensile strength (lbs / sq. in)	256,717	256,717	256,717

- TOGGLE** - Zinc plated steel.
- CRIMP / FERRULE** - Aluminum

Job Name	Location
Engineer	Contractor
Job Number	Submitted By
Comments	

Gripple Inc. 313 Oswalt Avenue, Batavia IL 60510. Toll free 1-866 GRIPPLE. www.gripple.com





SUBMITTAL DATA

TOGGLE HANGER

Cable with toggle



Gripple fastener



Sizes:

Gripple Sizes: 1 – 3

Safe Working Loads Max. hole diameter

1: 0 – 22 lbs	1/4"
2: 23 – 100 lbs	5/16"
3: 101 – 200 lbs	3/8"

FUNCTION - Recommended for the suspension of HVAC, electrical and mechanical services in an indoor, stationary setting.

TECHNICAL DATA

- All products carry a minimum 5 to 1 safety factor
- SMACNA compliance - Tested and verified to be an acceptable hanger per the SMACNA HVAC DUCT CONSTRUCTION STANDARDS MANUAL (1995). Full report available on request, or visit www.smacnatri.org - click on Testing Program
- UL Listing - UL 1598 Luminaire Fittings
- CSA - Class 3426-01 Luminaire Fittings

MATERIAL SPECIFICATION

- GRIPPLE FASTENER
- HOUSING Type ZA2 Zinc
 - WEDGE Sintered steel hardened to min. 56 Rockwell C
 - SPRING Stainless Steel (Type 316)
 - END CAP UV stabilized homopolymer polypropylene
- CABLE
- Grade AISI 316 zinc galvanized
 - Standard Lengths - 5, 10, 15, 30 ft

	#1	#2	#3
Cable diameter (in)	3/64	5/64	1/8
Strand Configuration	7 x 7	7 x 7	7 x 7
Minimum Breaking Load lbs	176	572	1,276
Maximum Safe Working Load lbs	22	100	200
Tensile strength (lbs / sq. in)	256,717	256,717	256,717

Toggle - Zinc plated steel.

Job Name	Location
Engineer	Contractor
Job Number	Submitted By
Comments	

Gripple Inc. 313 Oswalt Avenue, Batavia IL 60510. Toll free 1-866 GRIPPLE. www.gripple.com





SUBMITTAL DATA

**STAINLESS STEEL
STUD HANGER**

Cable with crimped 1/4" Stud

Gripple fastener

Size:



Gripple Size : 3

Safe Working Loads

3: 5 – 200 lbs

FUNCTION - Recommended for the suspension of HVAC, electrical and mechanical services in an indoor, stationary setting where additional corrosion protection is required.

TECHNICAL DATA

- All products carry a minimum 5 to 1 safety factor
- SMACNA compliance - Tested and verified to be an acceptable hanger per the SMACNA HVAC DUCT CONSTRUCTION STANDARDS MANUAL (1995). Full report available on request, or visit www.smacnatri.org - click on Testing Program
- UL Listing - UL 1598 Luminaire Fittings
- CSA - Class 3426-01 Luminaire Fittings

MATERIAL SPECIFICATION

- GRIPPLE FASTENER**
- HOUSING Type 316 Stainless Steel
 - WEDGE Ceramic
 - SPRING Type 316 Stainless Steel
 - END CAP Type 316 Stainless Steel
- CABLE**
- Type 316 Stainless Steel
 - Standard Lengths - 5, 10, 15, 30 ft

	#3
Cable diameter (in)	1/8
Strand Configuration	7 x 7
Minimum Breaking Load lbs	1,276
Maximum Safe Working Load lbs	200
Tensile strength (lbs / sq. in)	256,717

STUD END - 1/4" diameter, type 316 Stainless Steel. 1" thread length

Job Name	Location
Engineer	Contractor
Job Number	Submitted By
Comments	

Gripple Inc. 313 Oswalt Avenue, Batavia IL 60510. Toll free 1-866 GRIPPLE. www.gripple.com

