

**G GRIPPLE®**

SUBMITTAL DATA



ISO-9002



## LOOP HANGER

## SUBMITTAL DATA

Cable with  
crimped loop

Gripple Fastener



Sizes:  
Gripple sizes 1 - 5

### Safe Working Loads:

No. 1	0-22 lbs
No. 2	23-100 lbs
No. 3	101-200 lbs
No. 4	201-495 lbs
No. 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 5:1 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](http://www.smacnatri.org) - click on Testing Program
- UL Listing - UL 1598 Luminaire Fittings sizes, UL 2239 Conduit and Cable Support Hardware
- CSA - Class 3426-01 Luminaire Fittings

### MATERIAL SPECIFICATION: GRIPPLE FASTENER

Housing	Type ZA2 Zinc
Wedge	Sintered steel hardened to min. 56 Rockwell C
Spring	Type 316 Stainless Steel
End Cap	UV stabilized homopolymer polypropylene

### CABLE

Grade AISI 316 zinc galvanized

	#1	#2	#3	#4	#5
Cable diameter (in)	3/64	5/64	1/8	3/16	1/4
Strand configuration	7x7	7x7	7x7	7x19	7x19
Min. breaking load (lbs)	176	572	1276	3300	4752
Max. 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



## 1/4" & 3/8" STUD HANGER

## SUBMITTAL DATA

Cable with  
crimped 1/4" stud  
or 3/8" stud

Gripple Fastener



Sizes:  
1/4" Gripple sizes 1-3  
3/8" Gripple sizes 3-4

### Safe Working Loads:

No. 1	0-22 lbs
No. 2	23-100 lbs
No. 3	101-200 lbs
No. 4	201-495 lbs



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Wedge	Sintered steel hardened to min. 56 Rockwell C
Spring	Type 316 Stainless Steel
End Cap	UV stabilized homopolymer polypropylene

### CABLE

Grade AISI 316 zinc galvanized

	#1	#2	#3	#4
Cable diameter (in)	3/64	5/64	1/8	3/16
Strand configuration	7x7	7x7	7x7	7x19
Min. breaking load (lbs)	176	572	1276	3300
Max. safe working load (lbs)	22	100	200	495
Tensile strength (lbs/sq. in)	256,717	256,717	256,717	256,717

### STUD END

1/4" diameter zinc plated steel 1" thread length  
3/8" diameter zinc plated steel 1-3/4" thread length

### DROP IN ANCHOR

Zinc plated steel (1/4" Min. embedment: 1"; 3/8" Min. embedment: 1-1/2")



## 90° EYELET HANGER

## SUBMITTAL DATA

Cable with  
crimped 1/4" eyelet

Gripple Fastener



Sizes:  
Gripple sizes 2 - 3

### Safe Working Loads:

No. 2	0-100 lbs
No. 3	101-200 lbs



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### MATERIAL SPECIFICATION: GRIPPLE FASTENER

Housing	Type ZA2 Zinc
Wedge	Sintered steel hardened to min. 56 Rockwell C
Spring	Type 316 Stainless Steel
End Cap	UV stabilized homopolymer polypropylene

### CABLE

Grade AISI 316 zinc galvanized

	#2	#3
Cable diameter (in)	5/64	1/8
Strand configuration	7x7	7x7
Min. breaking load (lbs)	572	1276
Max. safe working load (lbs)	100	200
Tensile strength (lbs/sq. in)	256,717	256,717

### EYELET END

1/4" diameter mild steel barrel, formed at 90° with 1/4" eyelet opening



Cable with  
end stop and  
toggle plate

Gripple Fastener



Sizes:

Gripple sizes 1 - 3

Safe Working Loads:

No. 1 0-22 lbs  
No. 2 23-100 lbs  
No. 3 101-200 lbs

Max hole diameter:

No. 1 1/4"  
No. 2 5/16"  
No. 3 3/8"



## TOGGLE HANGER

## SUBMITTAL DATA

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### MATERIAL SPECIFICATION: GRIPPLE FASTENER

Housing	Type ZA2 Zinc
Wedge	Sintered steel hardened to min. 56 Rockwell C
Spring	Type 316 Stainless Steel
End Cap	UV stabilized homopolymer polypropylene

### CABLE

Grade AISI 316 zinc galvanized

	#1	#2	#3
Cable diameter (in)	3/64	5/64	1/8
Strand configuration	7x7	7x7	7x7
Min. breaking load (lbs)	176	572	1276
Max. safe working load (lbs)	22	100	200
Tensile strength (lbs/sq. in)	256,717	256,717	256,717

TOGGLE	Zinc plated steel
END STOP	Zinc plated steel



Y-fit cable  
with toggles

Gripple Fastener



Sizes:

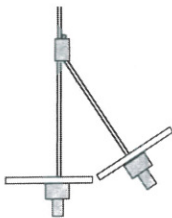
Gripple sizes 1 - 3

Safe Working Loads:

No. 1 0-22 lbs  
No. 2 23-100 lbs  
No. 3 101-200 lbs

Max hole diameter:

No. 1 1/4"  
No. 2 5/16"  
No. 3 3/8"



## Y-FIT HANGER

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### MATERIAL SPECIFICATION: GRIPPLE FASTENER

Housing	Type ZA2 Zinc
Wedge	Sintered steel hardened to min. 56 Rockwell C
Spring	Type 316 Stainless Steel
End Cap	UV stabilized homopolymer polypropylene

### CABLE

Grade AISI zinc galvanized

### 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	7x7	7x7	7x7
Min. breaking load (lbs)	176	572	1276
Max. 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
END STOP	Zinc plated steel



Y-fit cable  
with hooks

Gripple Fastener



Sizes:

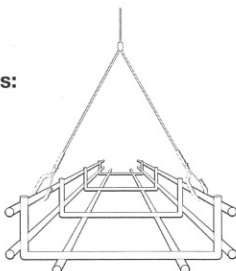
Gripple size 2

Safe Working Loads:

No. 2 0-100 lbs

Min hole diameter:

Required 9/32"  
hole for hook to  
fit through



## Y-FIT HOOK HANGER (NO. 2 ONLY)

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### MATERIAL SPECIFICATION: GRIPPLE FASTENER

Housing	Type ZA2 Zinc
Wedge	Sintered steel hardened to min. 56 Rockwell C
Spring	Type 316 Stainless Steel
End Cap	UV stabilized homopolymer polypropylene

### CABLE

Grade AISI 316 zinc galvanized

### Y ASSEMBLY

Second cable length crimped at 18" from toggle ends

	#2
Cable diameter (in)	5/64
Strand configuration	7x7
Min. breaking load (lbs)	572
Max. safe working load (lbs)	100
Tensile strength (lbs/sq. in)	256,717

HOOK	Zinc plated steel 1/4" diameter
CRIMP/FERRULE	Aluminum



## HOOK HANGER

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**MATERIAL SPECIFICATION:**  
**GRIPPLE FASTENER**

Housing	Type ZA2 Zinc
Wedge	Sintered steel hardened to min. 56 Rockwell C
Spring	Type 316 Stainless Steel
End Cap	UV stabilized homopolymer polypropylene

**CABLE**

Grade AISI 316 zinc galvanized

	#2	#3
Cable diameter (in)	5/64	1/8
Strand configuration	7x7	7x7
Min. breaking load (lbs)	572	1276
Max. safe working load (lbs)	100	200
Tensile strength (lbs/sq. in)	256,717	256,717

**HOOK**

Zinc plated steel 1/4" diameter

Cable with  
crimped hook

Grippler Fastener



**Sizes:**

Grippler sizes 2 - 3

**Safe Working Loads:**

No. 2 23-100 lbs

No. 3 101-200 lbs

**Min hole diameter:**

Required 9/32"

hole for hook to  
fit through



## STAINLESS STEEL LOOP HANGER

## SUBMITTAL DATA

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

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- UL Listing - UL 1598 Luminaire Fittings sizes, UL 2239 Conduit and Cable Support Hardware
- 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

	#2	#3
Cable diameter (in)	5/64	1/8
Strand configuration	7x7	7x7
Min. breaking load (lbs)	572	1276
Max. safe working load (lbs)	100	200
Tensile strength (lbs/sq. in)	256,717	256,717

**CRIMP/FERRULE**

Type 316 Stainless Steel

Cable with  
crimped loop

Grippler Fastener



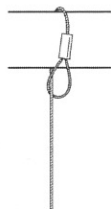
**Sizes:**

Grippler sizes 2 - 3

**Safe Working Loads:**

No. 2 0-100 lbs

No. 3 101-200 lbs



## STAINLESS STEEL STUD HANGER

## SUBMITTAL DATA

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- 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

	#2	#3
Cable diameter (in)	5/64	1/8
Strand configuration	7x7	7x7
Min. breaking load (lbs)	572	1276
Max. safe working load (lbs)	100	200
Tensile strength (lbs/sq. in)	256,717	256,717

**STUD END**

1/4" diameter type 316 stainless steel 1" thread length, UNC thread

**DROP IN ANCHOR**

Zinc plated steel (Min. embedment: 1")

Cable with  
crimped 1/4" stud

Grippler Fastener



**Sizes:**

Grippler sizes 2 - 3

**Safe Working Loads:**

No. 2 0-100 lbs

No. 3 101-200 lbs

