



LOOP HANGER

SUBMITTAL DATA

Cable with crimped loop

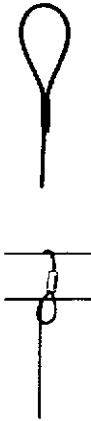
Gripple Fastener



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: 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 (2005).
- 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 Zinc galvanized steel

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



FUNCTION: 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 (2005).
- 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 Zinc galvanized steel

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



FUNCTION: 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 (2005).
- UL Listing - UL 1598 Luminaire Fittings sizes, UL 2289 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 Zinc galvanized steel

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



TOGGLE HANGER

SUBMITTAL DATA

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"

FUNCTION: 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 (2005).
- 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

Zinc galvanized steel

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

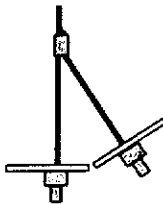


Y-FIT HANGER

SUBMITTAL DATA

Y-fit cable with toggles

Gripple Fastener



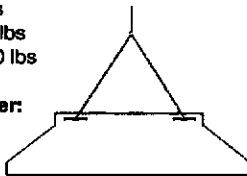
Sizes:
Gripple sizes 1 - 3

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"



FUNCTION: 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 (2005).
- 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 hardend to min. 56 Rockwell C
Spring	Type 316 Stainless Steel
End Cap	UV stabilized homopolymer polypropylene

CABLE

Zinc galvanized steel

Y ASSEMBLY

Second cable length crimped at 18" from toggle ends

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 HOOK HANGER (NO. 2 ONLY)

SUBMITTAL DATA

Y-fit cable with hooks

Gripple Fastener



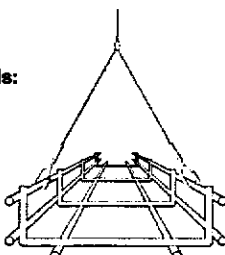
Sizes:
Gripple size 2

Safe Working Loads:

No. 2 0-100 lbs

Min hole diameter:

Required 9/32" hole for hook to fit through



FUNCTION: 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 (2005).
- UL Listing - UL 1598 Luminaire Fittings sizes, UL 2289 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

Zinc galvanized steel

Y ASSEMBLY

Second cable length crimped at 18" from toggle ends

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

SUBMITTAL DATA

Cable with crimped hook

Gripple Fastener



Sizes:
Gripple 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



FUNCTION: 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 (2005).
- 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

Zinc galvanized steel

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



STAINLESS STEEL LOOP HANGER

SUBMITTAL DATA

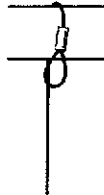
Cable with crimped loop

Gripple Fastener



Sizes:
Gripple sizes 2 - 3

Safe Working Loads:
No. 2 0-100 lbs
No. 3 101-200 lbs



FUNCTION: 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 (2005).
- 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

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



STAINLESS STEEL STUD HANGER

SUBMITTAL DATA

Cable with crimped 1/4" stud

Gripple Fastener



Sizes:
Gripple sizes 2 - 3

Safe Working Loads:
No. 2 0-100 lbs
No. 3 101-200 lbs



FUNCTION: 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 (2005).
- UL Listing - UL 1598 Luminaire Fittings sizes, UL 2289 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

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")