



HUBBELL HiImpact KELLEMS® Strain Relief Grips

Minimize Down Time.
Safer Systems.
Liquidtight Fitting.
Corrosion Resistant.

Endless Weave
provides easy cable/flexible conduit installation.

Stainless Steel Mesh
is corrosion resistant. Can be used inside or outside. It eliminates cable or flexible conduit pull out and reduces costly downtime.

LIQUIDTIGHT® fitting
Prevents liquids from running through the fitting into the enclosure.



Multiweave grip gives cable arc-of-bend control minimizing cable damage and extending cable life. It is the strongest strain relief device available. Meets and exceeds all code requirements. Prevents cable/conduit pull-out.

An **NPT and PG threaded body** allows easy attachment to either threaded hub or knock-out in box.

SPECIFICATIONS

- ◆ Aluminum hub size: 1/2", 3/4".
- ◆ Nylon standard style hub size: 1/2".
- ◆ Flammability: UL 94-V2 rating.

Grips

- ◆ Thread type: N.P.T.
- ◆ Grip cord range (diameter): 0.250" - 0.375" (.63- .95) cord.
- ◆ Connector body style: straight male.
- ◆ Form size: F2.
- ◆ Recommended knockout hole size:
 - 1/2"-0.86" - 0.91" (21.8-3.0).
 - 3/4"-1.09" - 1.14" (27.8-29.0).
- ◆ Operating temperature: -30°F to +225°F (-34°C to +107°C).
- ◆ Mesh grip flammability rating: UL 94-HB.
- ◆ Fitting flammability rating: UL 94-V2.
- ◆ Hazardous locations: Suitable for use in hazardous locations per Class I, Div. 2, Class II, Div. 1 & 2, Class III, Div. 1 & 2.

The **HI-IMPACT™ KELLEMS®** Strain Relief Grips are available in your choice of aluminum and nylon with stainless steel and non-metallic mesh. **HI-IMPACT™ KELLEMS®** Strain Relief Grips are designed to prevent tension from being transmitted to joints and terminals on electrical cord, cable and conduit. In most applications, a grip for strain relief is stronger than the cable/conduit itself, giving greater security than the use of a standard fitting alone. **KELLEMS®** Grips for strain relief help make systems safer, and save money by minimizing downtime from costly failure due to cable pullout.

Hubbell's **HI-IMPACT™** system is more than just a connection. It is a complete end-to-end communications solution designed to solve problems in the most punishing to the least severe environments.

APPLICATIONS

- **Aluminum fitting/stainless steel grip:** Outdoors or indoors where subjected to moisture or splash. Examples are crane and hoist pendant drop stations, hand tools, pumps and processing equipment.
- **Nylon fitting/stainless steel grip:** Outdoors or indoors where subjected to moisture or splash. Examples are marine and food processing equipment.
- **Nylon fitting/non-metallic grip:** Indoors or outdoors. Provides liquidtight seal where exposed to moisture. Excellent for oil refining and chemical processing.

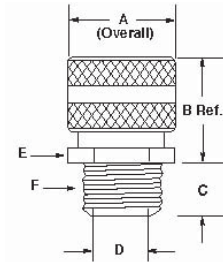
HI-IMPACT™ KELLEMS® Grips

Order Information

Size	Color	Material	Cord OD Range	Catalog No.
1/2"	-	Aluminum	0.250" - 0.375" (.63- .95)	07401006HI
3/4"	-	Aluminum	0.250" - .0375" (.63- .95)	07401013HI
1/2"	Gray	Nylon	0.250" - 0.375" (.63- .95)	CG406NMHI
1/2"	Black	Nylon	0.250" - 0.375" (.63- .95)	074011332HI



Dimensions	Aluminum 1/2" SS	Aluminum 3/4" SS	Nylon 1/2" SS	Nylon 1/2" Nylon
A	1.13" (2.87) Dia.	1.13" (2.87) Dia.	1.32" (3.35) Dia.	1.32" (3.35) Dia.
B	1.10" (2.79) Ref.	1.10" (2.79) Ref.	1.50" (3.81) Ref.	1.50" (3.81) Ref.
C	.55" (1.40)	.55" (1.40)	.53" (1.35)	.53" (1.35)
D	.64" (1.63) Throat Dia.	.64" (1.63) Throat Dia.	.58" (1.47) Throat Dia.	.58" (1.47) Throat Dia.
E A/C	1.11" (2.82)	1.29" (3.28)	1.25" (3.17)	1.25" (3.17)
E A/F	1.00" (2.54)	1.13" (2.87)	1.12" (2.84)	1.12" (2.84)
F	1/2" - 14	3/4" - 15	1/2" - 14	1/2" - 14



ACCESSORIES

HI-IMPACT™ Connectors

Delivery: 1 housing, 1 jack, 1 flat bulkhead gasket, and 1 retaining nut.

Description	Connector
Cat 6 Jack (UTP)	HI6
Cat 5e Jack (UTP)	HI5E
Cat 5e Inline Adapter	HI5EC
Cat 5e Shielded	HI5ESC
Connector Cap	HIC



Protective Connector Cap

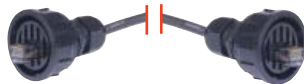
Cat. No. **HIC**



HI-IMPACT™ Cords

HI-IMPACT™ to HI-IMPACT™ Connector

Type	Cat. No.
M12, 4-pos. female	HIM12XXEE
Cat 6	HI6XXEE
Cat 5e	HI5EXXEE
Cat 5e, Shielded	HI5ESXXEE



HI-IMPACT™ Connector to RJ-45

Type	Cat. No.
M12, 4-pos. female	HIM12XXAE
Cat 6	HI6XXAE
Cat 5e	HI5EXXAE
Cat 5e, Shielded	HI5ESXXAE



HI-IMPACT™ RJ-45 to RJ-45

Type	Cat. No.
Cat 6	HI6XXAA
Cat 5e	HI5EXXAA
Cat 5e, Shielded	HI5ESXXAA



XX = Length

03 = 3' **05** = 5' **07** = 7' **10** = 10'
15 = 15' **20** = 20' **25** = 25'

NEMA 4X Box

Ports	Thermoplastic Catalog No.	Stainless Steel Catalog No.
1	HI14XGY	HI1CBSS
2	HI24XGY	HI2CBSS
4	HI44XGY	-
6	HI64XGY	-



HI24XGY

HI2CBSS

NEMA 4/12 Box

Powder-coated Steel, Gray

Port	Cat. No.
1	HI1CBG
2	HI2CBG



Fiberglass Weatherproof Device Box

Knockout	Color	Cat. No.
3/4"	Yellow	HBL60CM83HI



Cast Aluminum Device Box w/Lugs

Knockout	Color	Cat. No.
1/2"	Gray	HIFD1L
3/4"	Gray	HIFD2L

Cast Aluminum Weatherproof Device Box with Lugs

Knockout	Color	Cat. No.
1/2"	Gray	HIWP05GY
3/4"	Gray	HIWP75GY

Consolidation Point

Type	Size	Cat. No.
SS	NEMA 4X	HICPSS
Gray	NEMA 4/12	HICP412G



Hubbell Premise Wiring

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Worldwide Locations

Hubbell Premise Wiring, Asia Pacific	852-2836-7131	Fax: 852-2836-7132
Hubbell Canada Inc.	905-839-1138	Fax: 905-839-9108
Hubbell Premise Wiring, Central America	506-309-4158	Fax: 506-260-1616
Hubbell Premise Wiring, China	8621-6309-0119	Fax: 8621-6309-0122
Hubbell Premise Wiring, Colombia	571-245-8940	Fax: 571-340-0925
Hubbell Premise Wiring, Europe	44-01283 500500	Fax: 44-01283 500400
Hubbell Int'l. Inc., Korea Branch	82-2-(0)2607-1363	Fax: 82-2-(0)2603-7386

Hubbell Premise Wiring, Latin America	305-408-4501	Fax: 305-408-8201
Hubbell de Mexico, S.A. de C.V.	(5255) 9151-9999	Fax: (5255) 9151-9989
Hubbell Premise Wiring, Middle East	971-4-393-4192	Fax: 971-4-393-4194
Hubbell-Taian Co., Ltd., Taiwan	886-2-2522-1862	Fax: 886-2-2522-1872
Hubbell Premise Wiring, Turkey	90-216-313-5016	Fax: 90-216-414-8148
Hubbell Premise Wiring, Venezuela	58-416-680-7453	Fax: 58-281-274-7900