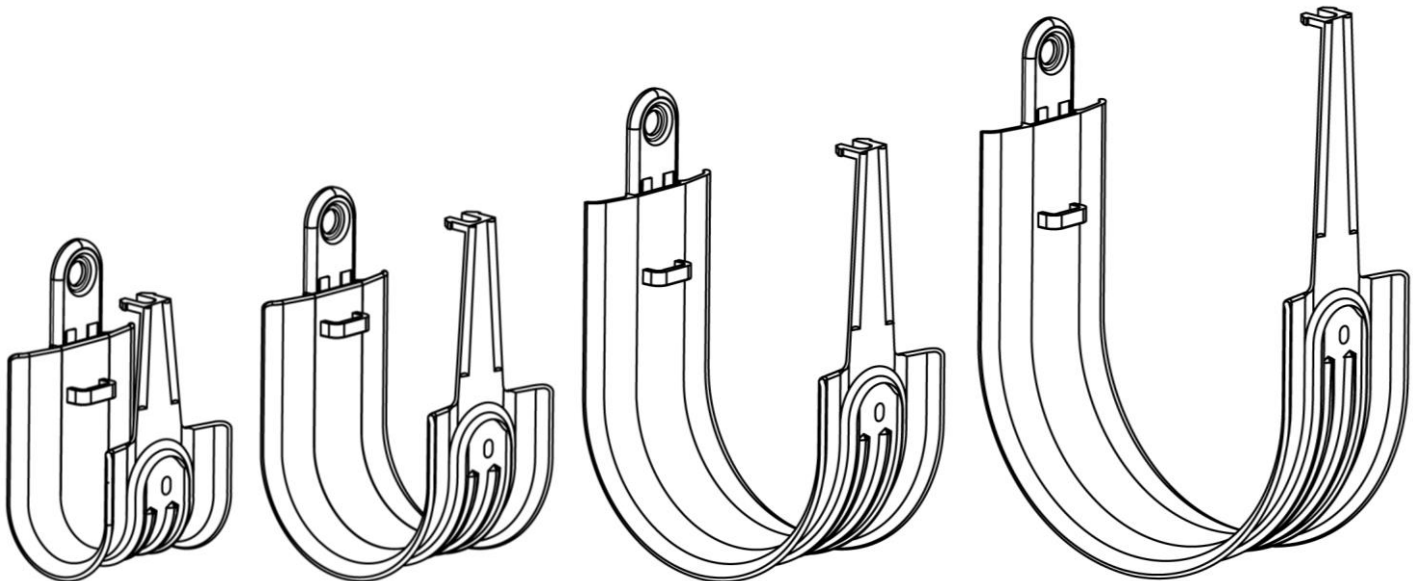


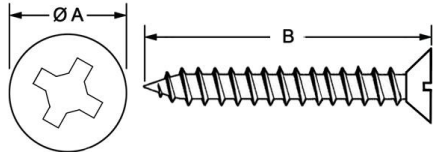
# Service Warehouse

## HPH Series J-Hook Installation Instructions

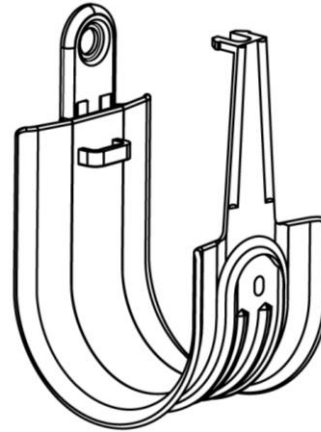


## **Mounting to a vertical surface: HPH-1, HPH-2, HPH-3 and HPH-4**

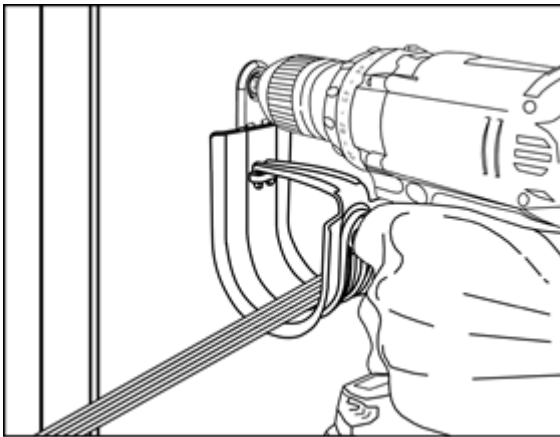
Use a nail\*, bolt\* or screw\* with a minimum head diameter of 0.329" (Fig.1-A) and an appropriate length for the substrate (Fig.1-B) to fasten the HPH J-Hook (Fig.2) to the vertical surface (Fig.3). Insert the cables and close the latch as shown in Fig.3. The latch must be in the closed in position as shown in Fig.4 to secure the cables and complete the installation.



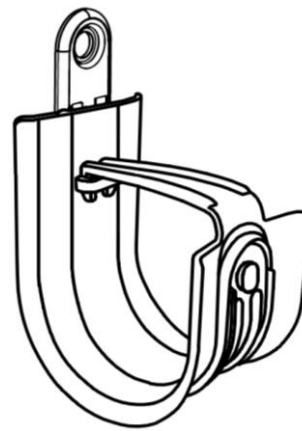
**Fig.1**



**Fig.2**



**Fig.3**

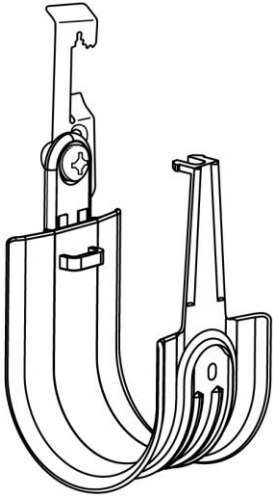


**Fig.4**

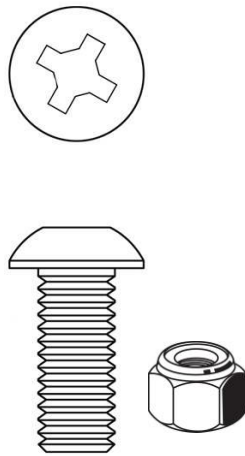
Part No.	Hook Size	Fig. No.	UL Load Rating		Description
			LBS.	N	
HPH-1	1"	2 & 4	20	88.96	Basic 1" High Performance Hybrid Plastic J-Hook
HPH-2	2"		17	75.62	Basic 2" High Performance Hybrid Plastic J-Hook
HPH-3	3"		20	88.96	Basic 3" High Performance Hybrid Plastic J-Hook
HPH-4	4"		17	75.62	Basic 4" High Performance Hybrid Plastic J-Hook

**Mounting to a rod or ceiling wire with a bat wing clip: HPH-1BW, HPH-2BW, HPH-3BW and HPH-4BW**

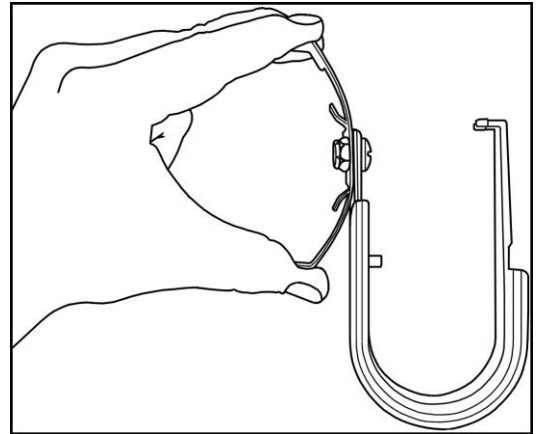
HPHXXW J-Hooks (Fig.1) are pre-assembled to W34 batwing clips at the factory using a fastener such as a rivet or a zinc plated 1/4-20 x 3/8" pan head Phillips machine bolt and a grade A 1/4-20 hex Nylon locknut (Fig.2). A plain HPH J-Hook may be assembled to a UL listed batwing clip in the field with the use of a similar fastener. Depress the batwing between your fingers (Fig. 3). Attach the HPHXXW to 12 gauge ceiling wire or 1/4" threaded rod (Fig.4 and Fig.6). Insert the cables and close the latch (Fig.5 and Fig.7). The latch must be in the closed in position as shown in Fig.8 to secure the cables and complete the installation.



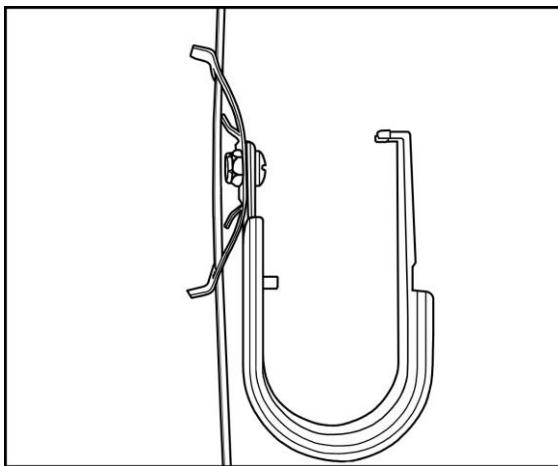
**Fig. 1**



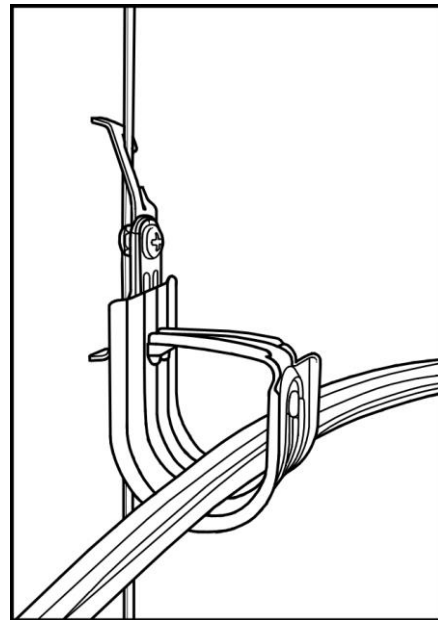
**Fig. 2**



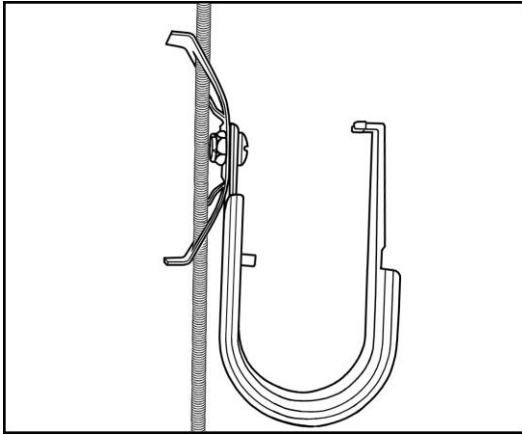
**Fig. 3**



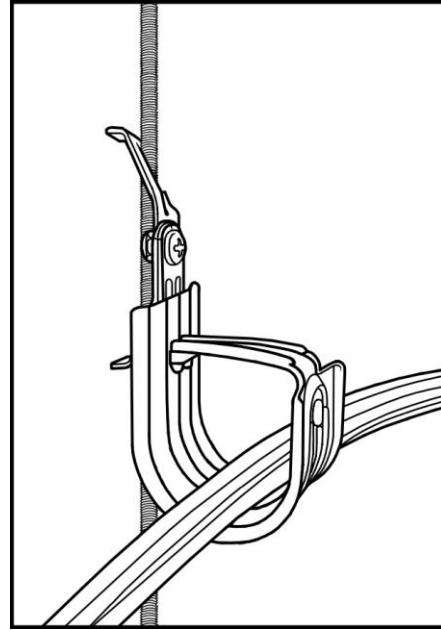
**Fig. 4**



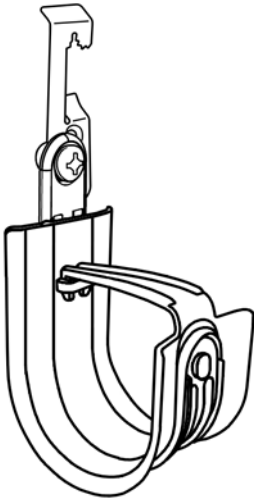
**Fig. 5**



**Fig. 6**



**Fig. 7**

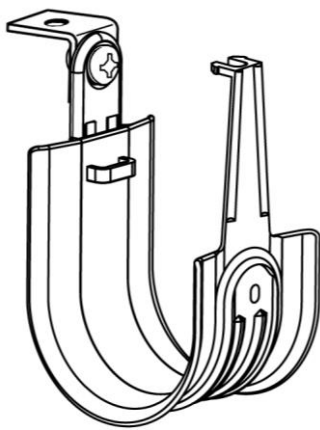


**Fig. 8**

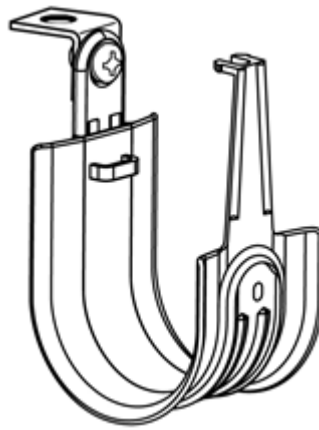
Part No.	Hook Size	Fig. No.	UL Load Rating		Description
			LBS.	N	
HPH-1BW	1"	1 & 8	20	88.96	J-Hook assembled to multi-purpose batwing clip
HPH-2BW	2"		20	88.96	J-Hook assembled to multi-purpose batwing clip
HPH-3BW	3"		20	88.96	J-Hook assembled to multi-purpose batwing clip
HPH-4BW	4"		20	88.96	J-Hook assembled to multi-purpose batwing clip

**Mounting to a rod or a horizontal surface with an angle clip: HPH-1AC, HPH16AC6 HPH-2AC, HPH-2AC6, HPH-3AC, HPH-3AC6, HPH-4AC & HPH-4AC6**

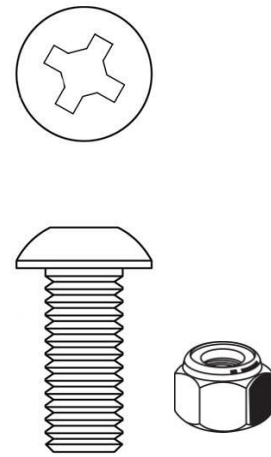
HPHXXAC and HPHXXAC6 J-Hooks (Fig.1 and Fig.2) are pre-assembled to angle clips at the factory using a fastener such as a rivet or a zinc plated 1/4-20 x 3/8" pan head Phillips machine bolt and a grade A 1/4-20 hex Nylon locknut (Fig.3). A plain HPH J-Hook may be assembled to a 90 degree angle clip in the field using a similar fastener. Fasten the HPHXXAC or HPHXXAC6 to 1/4" or 3/8" threaded rod using two standard hex nuts (Fig.4). Thread a single nut up to the desired location of the threaded rod. Guide the HPHXXAC or HPHXXAC6 onto the threaded rod. Thread a second nut onto the threaded rod and tighten to the first nut, thereby sandwiching the angle clip between the two nuts (Fig.5). An HPHXXAC or an HPHXXAC6 may be fastened directly to the underside of a horizontal surface using an appropriate fastener\* (Fig.6). Use a fastener with an appropriate head diameter (Fig.7-A) and an appropriate length for the substrate (Fig.7-B). Place the cables in the hook and close the latch as shown in Fig.5 and Fig.6. The latch must be in the closed in position as shown in Fig.8 and Fig.9 to secure the cables and complete the installation.



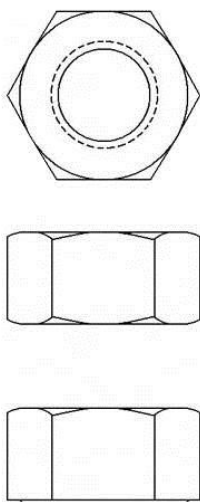
**Fig.1**



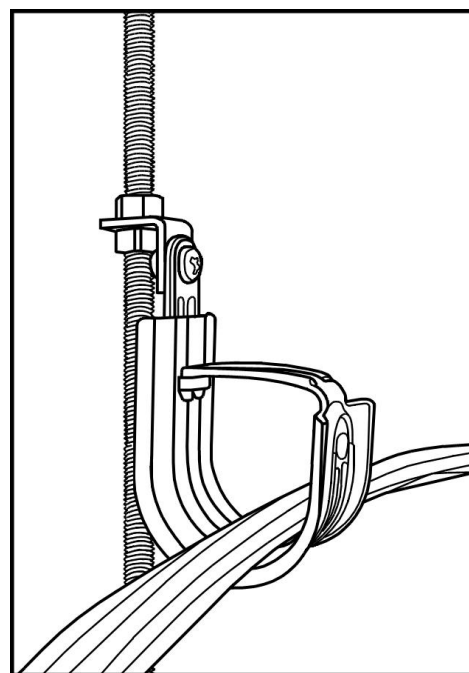
**Fig.2**



**Fig. 3**



**Fig. 4**



**Fig. 5**

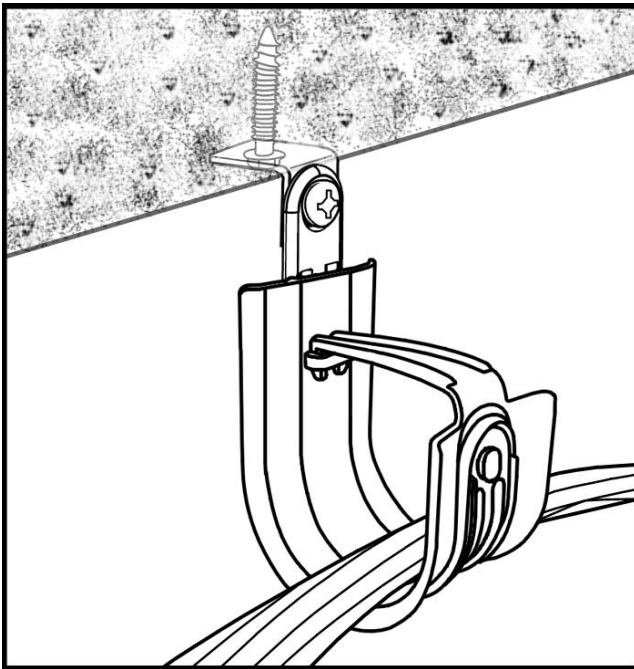


Fig. 6

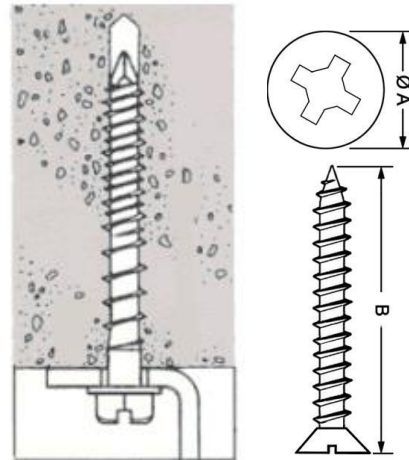


Fig. 7

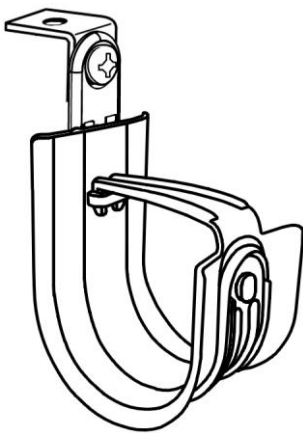


Fig. 8

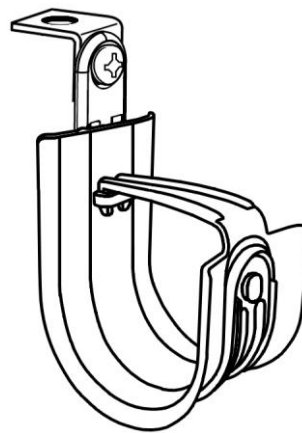
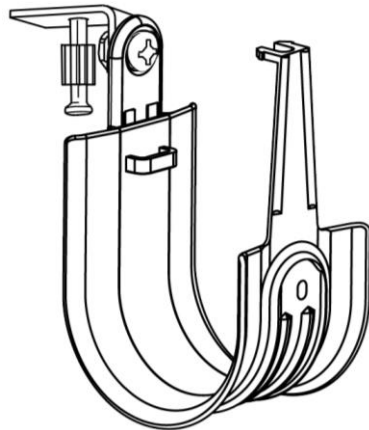


Fig. 9

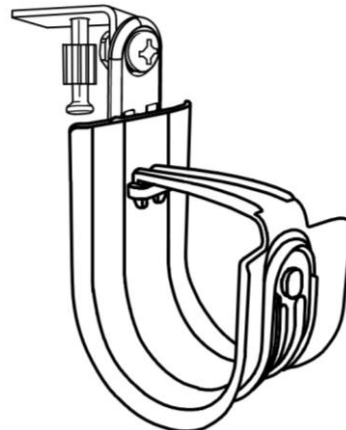
Part No.	Hook Size	Fig. No.	UL Load Rating		Angle Clip Hole Size	Description
			LBS.	N		
HPH-1AC	1"	1	20	88.96	1/4"	J-Hook assembled to 90° angle clip with 1/4" hole
HPH-1AC6	1"	2	20	88.96	3/8"	J-Hook assembled to 90° angle clip with 3/8" hole
HPH-2AC	2"	1	20	88.96	1/4"	J-Hook assembled to 90° angle clip with 1/4" hole
HPH-2AC6	2"	2	20	88.96	3/8"	J-Hook assembled to 90° angle clip with 3/8" hole
HPH-3AC	3"	1	20	88.96	1/4"	J-Hook assembled to 90° angle clip with 1/4" hole
HPH-3AC6	3"	2	20	88.96	3/8"	J-Hook assembled to 90° angle clip with 3/8" hole
HPH-4AC	4"	1	20	88.96	1/4"	J-Hook assembled to 90° angle clip with 1/4" hole
HPH-4AC6	4"	2	20	88.96	3/8"	J-Hook assembled to 90° angle clip with 3/8" hole

**Mounting to a horizontal surface with an angle clip & pin: HPH-1ACPA, HPH-2ACPA, HPH-3ACPA and HPH-4ACPA**

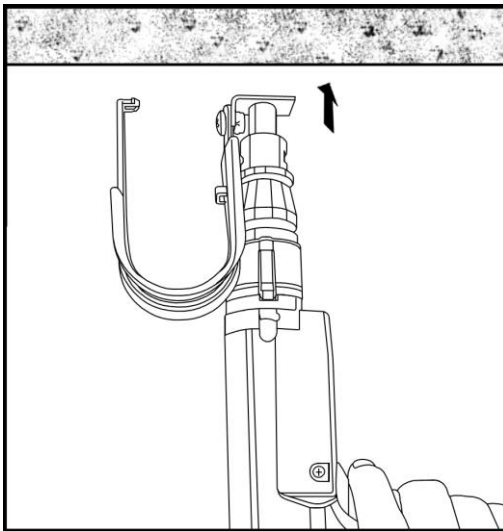
Use a powder actuated tool\* to install the 1-5/16" pin into an appropriate material such as concrete as shown in Fig. 3 & 4.



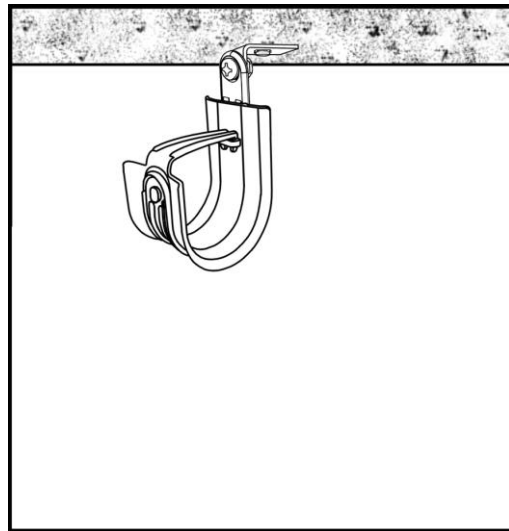
**Fig.1**



**Fig.2**



**Fig.3**



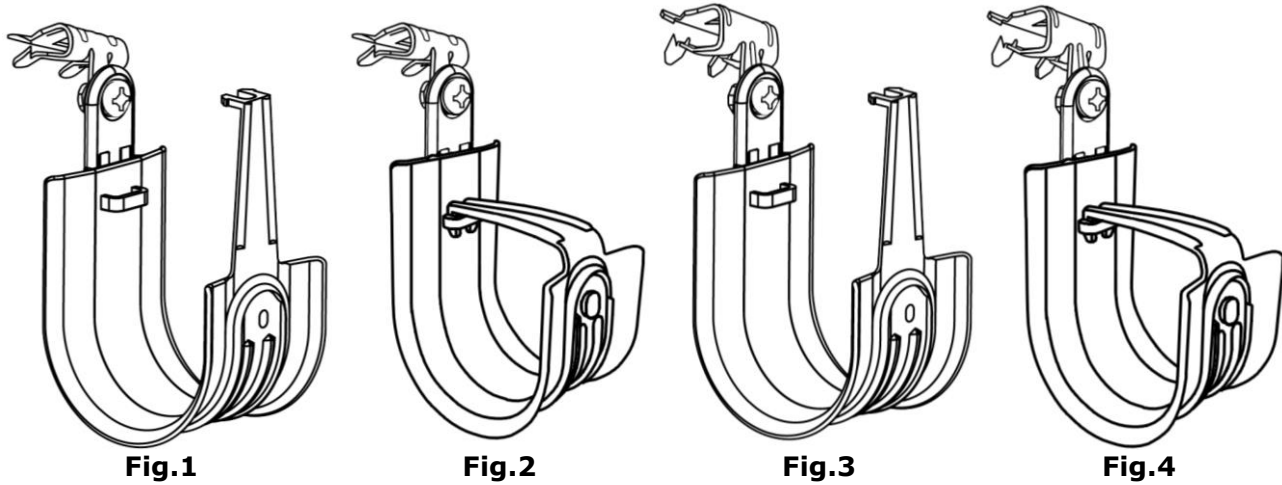
**Fig.4**

Part No.	Hook Size	Fig. No.	Load Rating		Description
			LBS.	N	
HPH-1ACPA	1"	1 & 2	20	88.96	J-Hook assembled to 90 degree angle clip and 1-5/16" pin
HPH-2ACPA	2"		20	88.96	J-Hook assembled to 90 degree angle clip and 1-5/16" pin
HPH-3ACPA	3"		20	88.96	J-Hook assembled to 90 degree angle clip and 1-5/16" pin
HPH-4ACPA	4"		20	88.96	J-Hook assembled to 90 degree angle clip and 1-5/16" pin

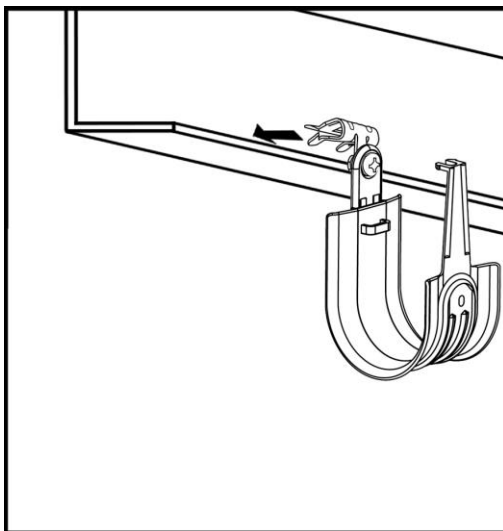
**Mounting to a beam with an HOK24 or HOK58 hammer-on beam clamp: HPH-1HB, HPH-1HB5, HPH-2HB, HPH-2HB5, HPH-3HB, HPH-3HB5, HPH-4HB and HPH-4HB5**

Secure a knock-on beam clamp to a flange using a hammer as shown in Fig. 5 & Fig. 6 below.

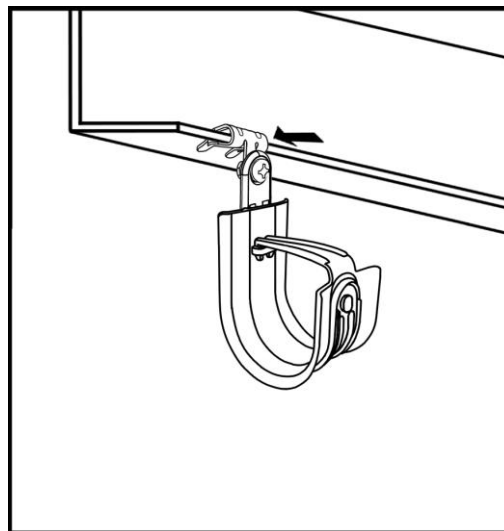
Note: The HOK-24 is designed for flanges from 1/8" to 1/4" thick; the HOK-58 is designed for flanges from 5/16" to 1/2" thick.



Part No.	Hook Size	Fig. No.	UL Load Rating		Designed for flanges	Description
			LBS.	N		
HPH-1HB	1"	1 & 2	20	88.96	1/8" - 1/4"	J Hook w/ beam clamp for flanges 1/8" - 1/4" thick
HPH-1HB5	1"	3 & 4	20	88.96	5/16" - 1/2"	J Hook w/ beam clamp for flanges 5/16" - 1/2" thick
HPH-2HB	2"	1 & 2	17	75.62	1/8" - 1/4"	J Hook w/ beam clamp for flanges 1/8" - 1/4" thick
HPH-2HB5	2"	3 & 4	17	75.62	5/16" - 1/2"	J Hook w/ beam clamp for flanges 5/16" - 1/2" thick
HPH-3HB	3"	1 & 2	20	88.96	1/8" - 1/4"	J Hook w/ beam clamp for flanges 1/8" - 1/4" thick
HPH-3HB5	3"	3 & 4	20	88.96	5/16" - 1/2"	J Hook w/ beam clamp for flanges 5/16" - 1/2" thick
HPH-4HB	4"	1 & 2	17	75.62	1/8" - 1/4"	J Hook w/ beam clamp for flanges 1/8" - 1/4" thick
HPH-4HB5	4"	3 & 4	17	75.62	5/16" - 1/2"	J Hook w/ beam clamp for flanges 5/16" - 1/2" thick



**Fig.5**



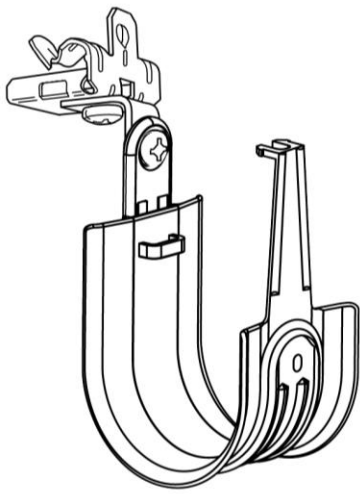
**Fig.6**



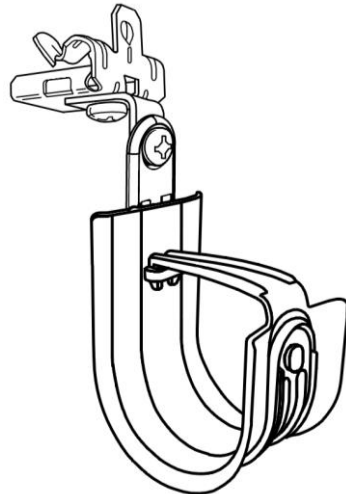
**Mounting to a beam with an FM24 or FM58 hammer-on beam clamp: HPH-1HBAC, HPH-1HBAC5, HPH-2HBAC, HPH-2HBAC5, HPH-3HBAC, HPH-3HBAC5, HPH-4HBAC and HPH-HBAC5**

Secure a knock-on beam clamp to a flange using a hammer as shown in Fig. 5 & Fig. 6 below.

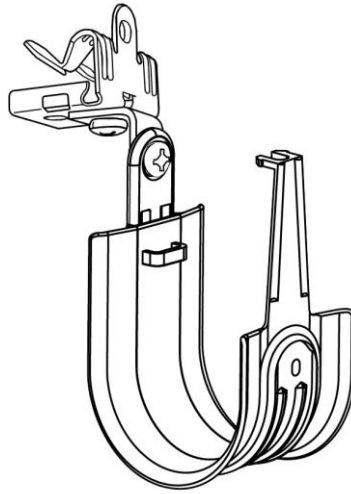
Note: The ACFM24 is designed for flanges from 1/8" to 1/4" thick. The ACFM58 is designed for flanges from 5/16" to 1/2" thick. Both the ACFM24 & ACFM58 can be rotated 360°.



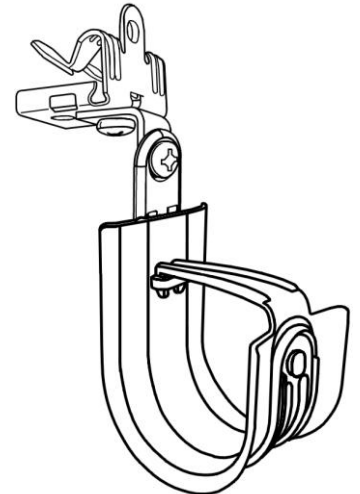
**Fig.1**



**Fig.2**

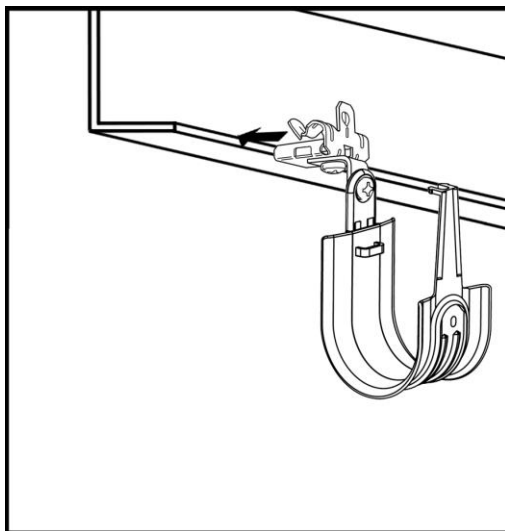


**Fig.3**

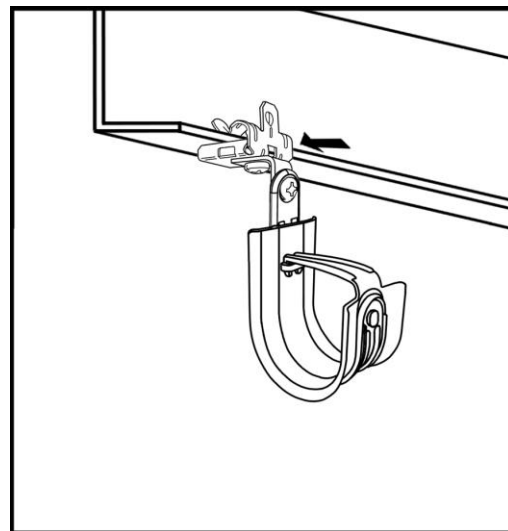


**Fig.4**

Part No.	Hook Size	Fig. No.	UL Load Rating		Designed for flanges	Description
			LBS.	N		
HPH-1HBAC	1"	1 & 2	20	88.96	1/8" - 1/4"	J Hook w/ swivel clamp for flanges 1/8" - 1/4" thick
HPH-1HBAC5	1"	3 & 4	20	88.96	5/16" - 1/2"	J Hook w/ swivel clamp for flanges 5/16" - 1/2" thick
HPH-2HBAC	2"	1 & 2	20	88.96	1/8" - 1/4"	J Hook w/ swivel clamp for flanges 1/8" - 1/4" thick
HPH-2HBAC5	2"	3 & 4	20	88.96	5/16" - 1/2"	J Hook w/ swivel clamp for flanges 5/16" - 1/2" thick
HPH-3HBAC	3"	1 & 2	20	88.96	1/8" - 1/4"	J Hook w/ swivel clamp for flanges 1/8" - 1/4" thick
HPH-3HBAC5	3"	3 & 4	20	88.96	5/16" - 1/2"	J Hook w/ swivel clamp for flanges 5/16" - 1/2" thick
HPH-4HBAC	4"	1 & 2	20	88.96	1/8" - 1/4"	J Hook w/ swivel clamp for flanges 1/8" - 1/4" thick
HPH-4HBAC5	4"	3 & 4	20	88.96	5/16" - 1/2"	J Hook w/ swivel clamp for flanges 5/16" - 1/2" thick



**Fig.5**

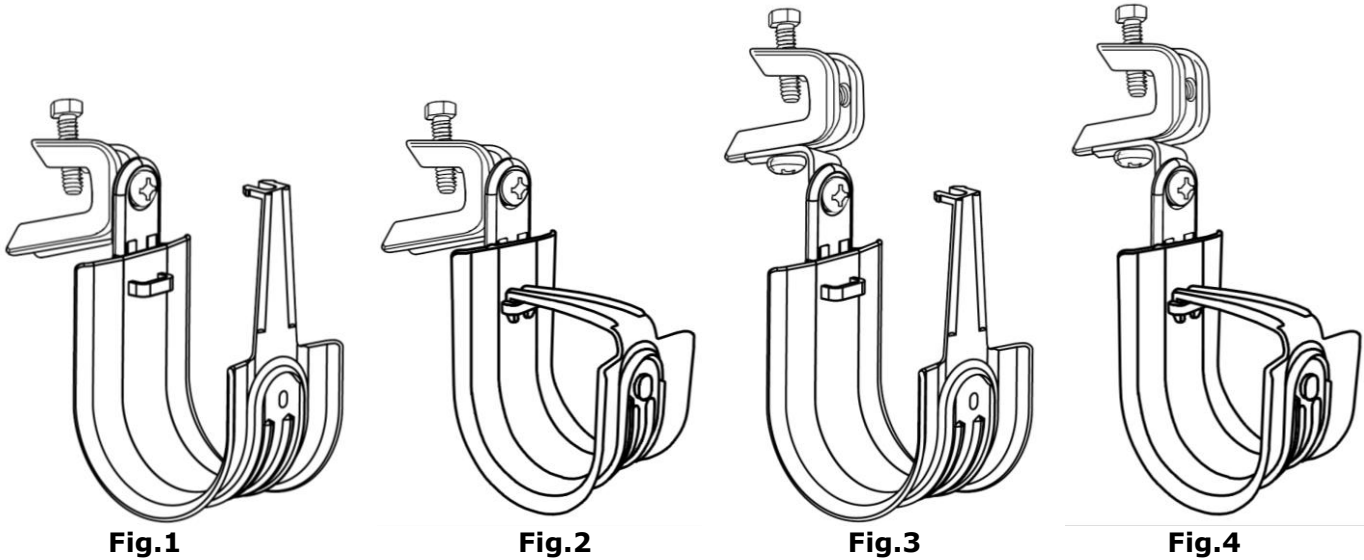


**Fig.6**

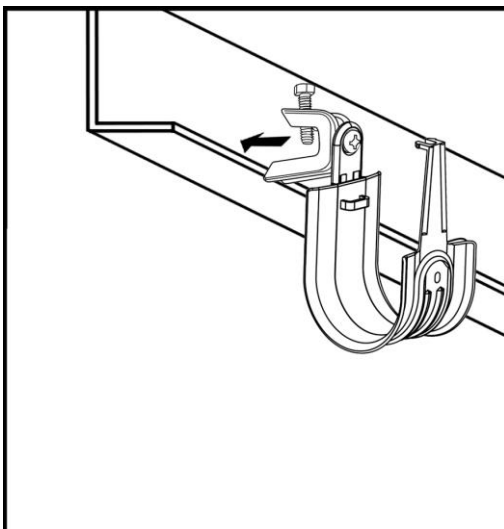
**Mounting to a beam with a PBC pressed beam clamp: HPH-1PBC, HPH-1PBCAC, HPH-2PBC, HPH-2PBCAC, HPH-3PBC, HPH-3PBCAC, HPH-4PBC and HPH-4PBCAC**

Secure a screw-on beam clamp to a flange using a 3/8" socket driver or wrench as shown in Fig.5, 6, 7 & 8 below. Tighten the bolt to 20 in-lb.

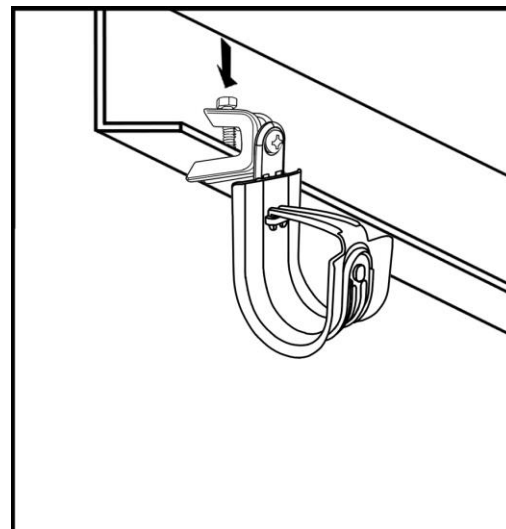
Note: The PBC & ACPBC's are designed for flanges up to 1/2" thick. The ACPBC can be rotated 360°.



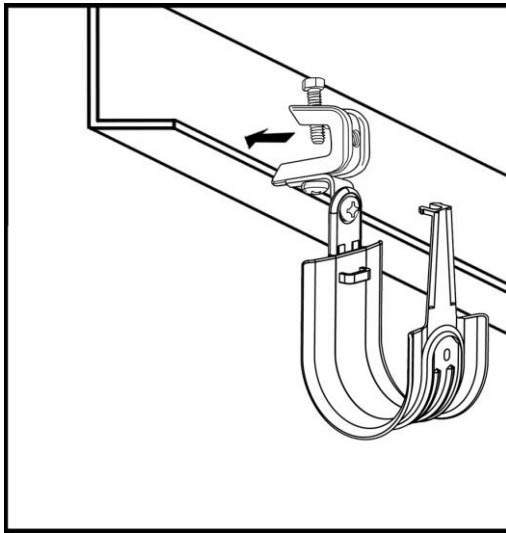
Part No.	Hook Size	Fig. No.	UL Load Rating LBS.   N		Designed for flanges	Description
HPH-1PBC	1"	1 & 2	20	88.96	1/8" - 1/2"	J Hook w/ beam clamp for flanges 1/8" - 1/2"
HPH-1PBCAC	1"	3 & 4	20	88.96		J Hook w/ swivel beam clamp for flanges 1/8" - 1/2"
HPH-2PBC	2"	1 & 2	17	75.62		J Hook w/ beam clamp for flanges 1/8" - 1/2"
HPH-2PBCAC	2"	3 & 4	20	88.96		J Hook w/ swivel beam clamp for flanges 1/8" - 1/2"
HPH-3PBC	3"	1 & 2	20	88.96		J Hook w/ beam clamp for flanges 1/8" - 1/2"
HPH-3PBCAC	3"	3 & 4	20	88.96		J Hook w/ swivel beam clamp for flanges 1/8" - 1/2"
HPH-4PBC	4"	1 & 2	17	75.62		J Hook w/ beam clamp for flanges 1/8" - 1/2"
HPH-4PBCAC	4"	3 & 4	20	88.96		J Hook w/ swivel beam clamp for flanges 1/8" - 1/2"



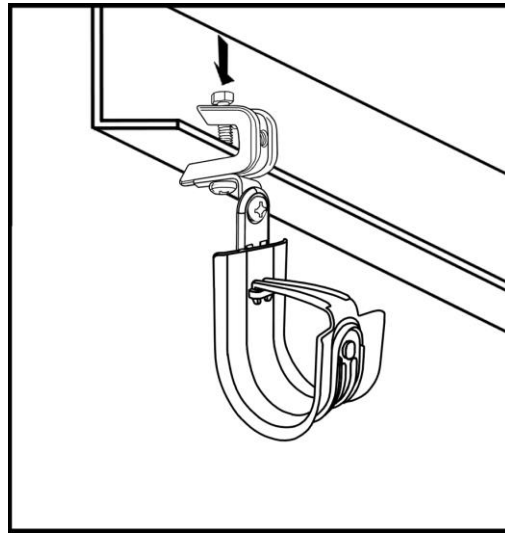
**Fig.5**



**Fig.6**



**Fig.7**

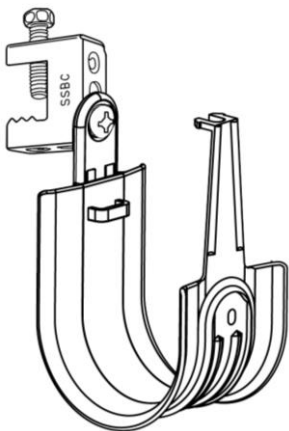


**Fig.8**

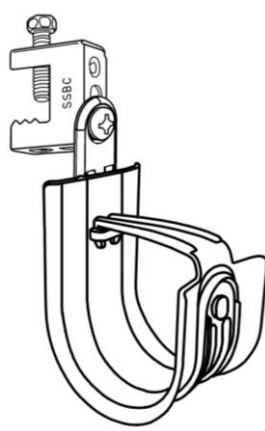
**Mounting to a beam with an SSBC spring steel beam clamp: HPH-1BC, HPH-1BCAC, HPH-2BC, HPH-2BCAC, HPH-3BC, HPH-3BCAC, HPH-4BC and HPH-4BCAC**

Secure a screw-on beam clamp to a flange using a 3/8" socket driver, wrench or Phillips head screw driver as shown in Fig. 5, 6, & 8 below. Tighten the bolt to 20 in-lb.

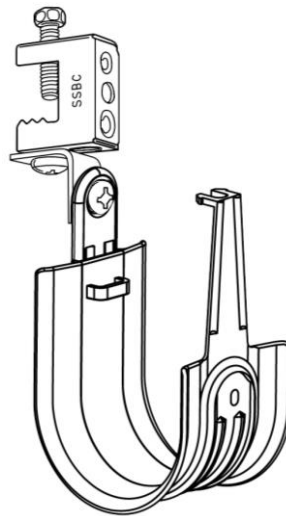
Note: The SSBC & ACSSBC's are designed for flanges up to 1/2" thick. The ACSSBC can be rotated 360°.



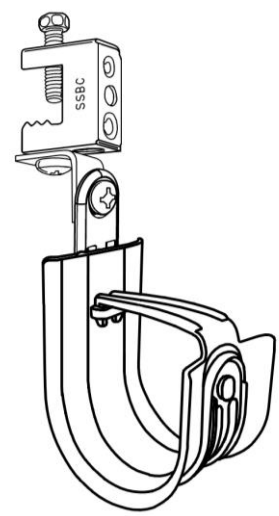
**Fig.1**



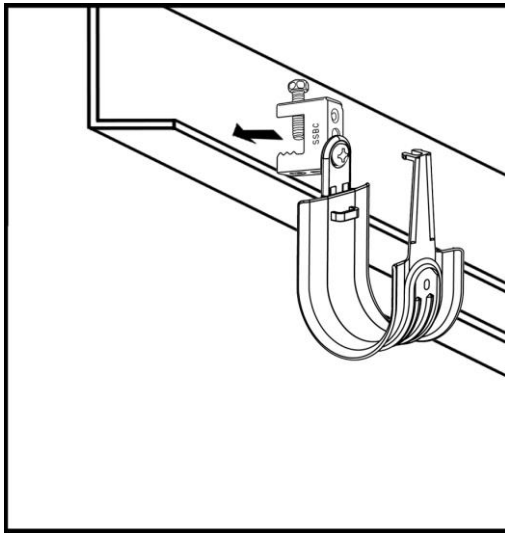
**Fig.2**



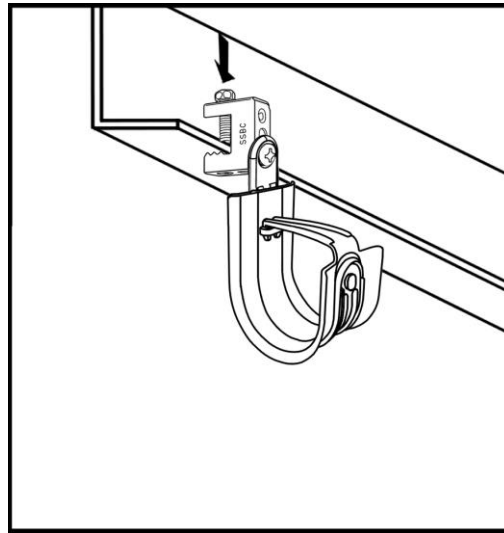
**Fig.3**



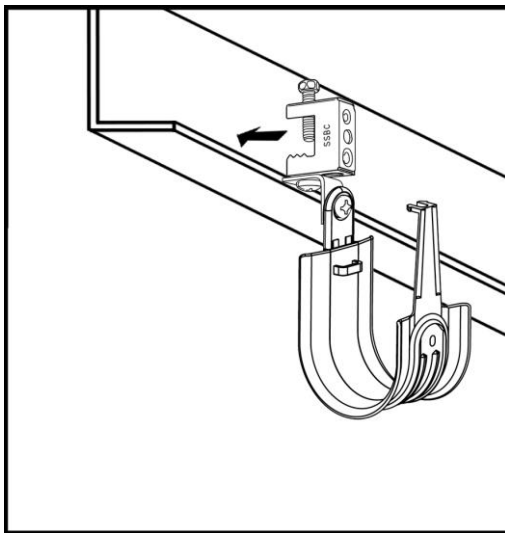
**Fig.4**



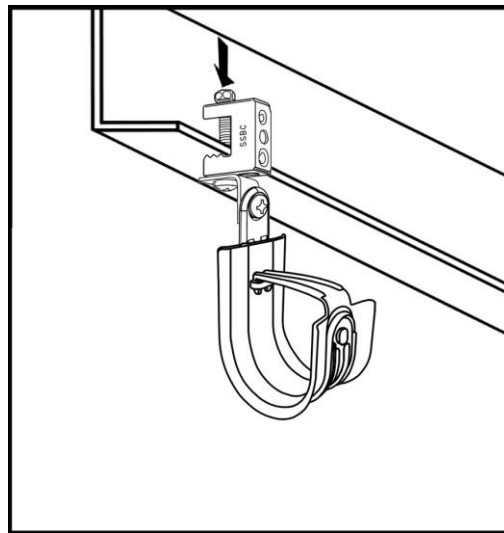
**Fig.5**



**Fig.6**



**Fig.7**



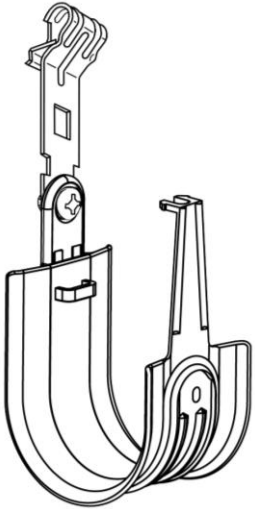
**Fig.8**

Part No.	Hook Size	Fig. No.	UL Load Rating LBS.   N		Designed for flanges	Description
HPH-1BC	1"	1 & 2	20	88.96	1/8" - 1/2"	J Hook w/ beam clamp for flanges 1/8" - 1/2"
HPH-1BCAC	1"	3 & 4	20	88.96		J Hook w/ swivel beam clamp for flanges 1/8" - 1/2"
HPH-2BC	2"	1 & 2	17	75.62		J Hook w/ beam clamp for flanges 1/8" - 1/2"
HPH-2BCAC	2"	3 & 4	20	88.96		J Hook w/ swivel beam clamp for flanges 1/8" - 1/2"
HPH-3BC	3"	1 & 2	20	88.96		J Hook w/ beam clamp for flanges 1/8" - 1/2"
HPH-3BCAC	3"	3 & 4	20	88.96		J Hook w/ swivel beam clamp for flanges 1/8" - 1/2"
HPH-4BC	4"	1 & 2	17	75.62		J Hook w/ beam clamp for flanges 1/8" - 1/2"
HPH-4BCAC	4"	3 & 4	20	88.96		J Hook w/ swivel beam clamp for flanges 1/8" - 1/2"

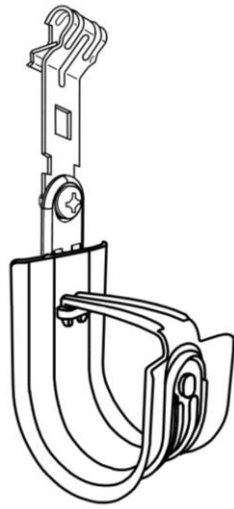
**Mounting to a joist with an ADOC14 or VOH14 spring steel joist clip: HPH-1ZPU, HPH-1PU, HPH-2ZPU, HPH-2PU, HPH-3PU, HPH-3PU, HPH-4ZPU and HPH-4PU**

Secure an ADOC14 spring steel "Z" purlin clip or a VOH14 "C" purlin clip to a joist using a hammer as shown in Fig. 5, 6, 7 & 8 below.

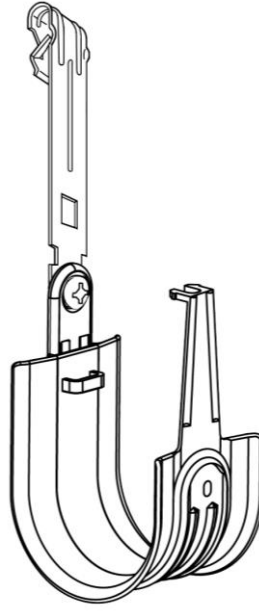
Note: The ADOC14 is designed for flanges 1/8" - 1/4" thick.



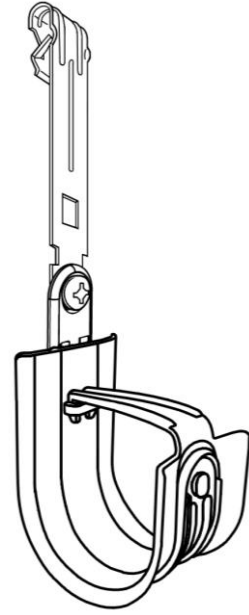
**Fig.1**



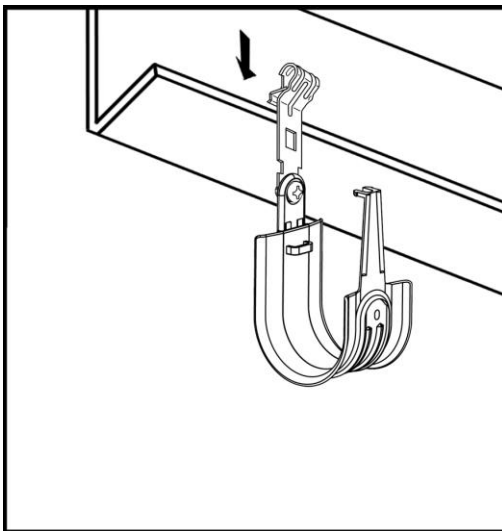
**Fig.2**



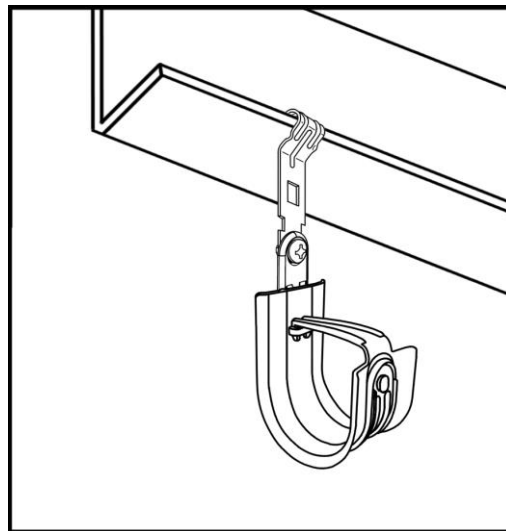
**Fig.3**



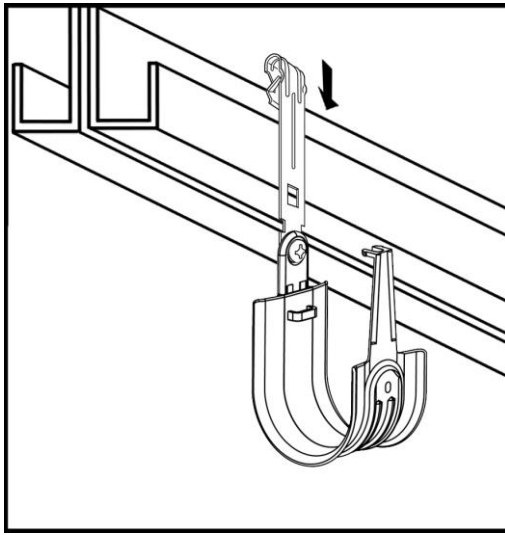
**Fig.4**



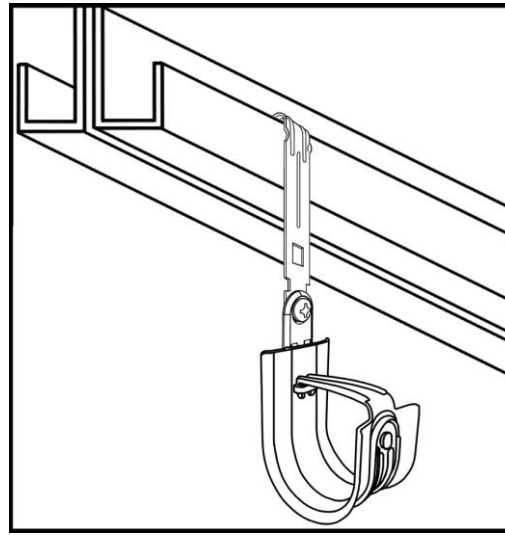
**Fig.5**



**Fig.6**



**Fig.7**

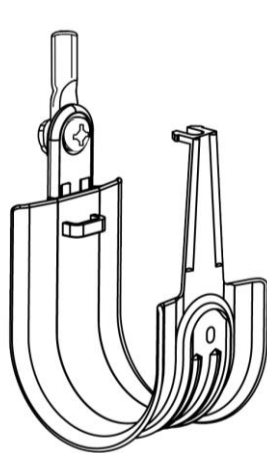


**Fig.8**

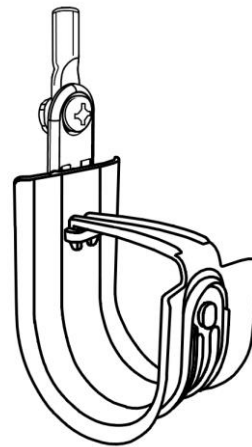
Part No.	Hook Size	Fig. No.	UL Load Rating LBS.   N		Designed for flanges	Description
HPH-1ZPU	1"	1 & 2	20	88.96	1/8" - 1/4"	J-Hook w/ "Z" purlin clip for flanges 1/8" - 1/4" thick
HPH-1PU	1"	3 & 4	20	88.96		J-Hook w/ "C" purlin clip for flanges 1/8" - 1/4" thick
HPH-2ZPU	2"	1 & 2	17	75.62		J-Hook w/ "Z" purlin clip for flanges 1/8" - 1/4" thick
HPH-2PU	2"	3 & 4	17	75.62		J-Hook w/ "C" purlin clip for flanges 1/8" - 1/4" thick
HPH-3ZPU	3"	1 & 2	20	88.96		J-Hook w/ "Z" purlin clip for flanges 1/8" - 1/4" thick
HPH-3PU	3"	3 & 4	20	88.96		J-Hook w/ "C" purlin clip for flanges 1/8" - 1/4" thick
HPH-4ZPU	4"	1 & 2	17	75.62		J-Hook w/ "Z" purlin clip for flanges 1/8" - 1/4" thick
HPH-4PU	4"	3 & 4	17	75.62		J-Hook w/ "C" purlin clip for flanges 1/8" - 1/4" thick

**Mounting to threaded rod with a female threaded eye coupling: HPH-1TR, HPH-2TR, HPH-3TR and HPH-4TR**

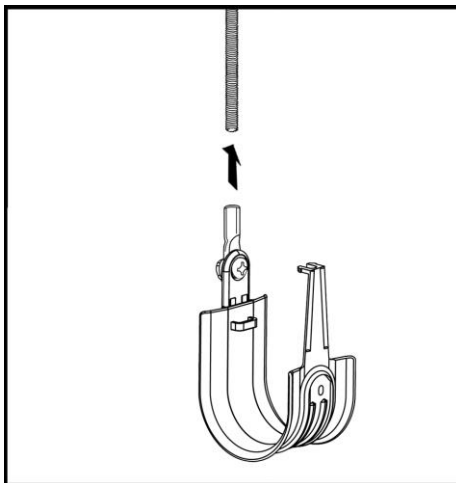
Thread the eye coupling on to 1/4-20 threaded rod as shown in Fig. 3, 4 & 5 below.



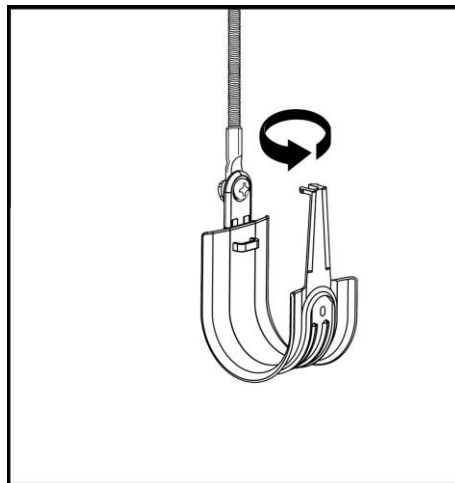
**Fig.1**



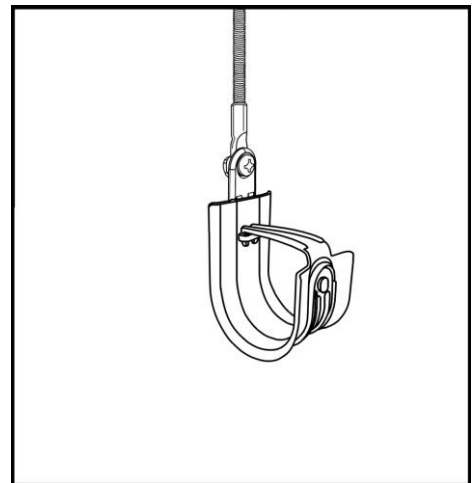
**Fig.2**



**Fig.3**



**Fig.4**



**Fig.5**

Part No.	Hook Size	Fig. No.	Load Rating		Description
			LBS.	N	
HPH-1TR	1"	1 & 2	20	88.96	J-Hook assembled to 1/4-20 eye coupling
HPH-2TR	2"		20	88.96	J-Hook assembled to 1/4-20 eye coupling
HPH-3TR	3"		20	88.96	J-Hook assembled to 1/4-20 eye coupling
HPH-4TR	4"		20	88.96	J-Hook assembled to 1/4-20 eye coupling

\* Consult the manufacturer's instructions and load ratings before using on your application.