



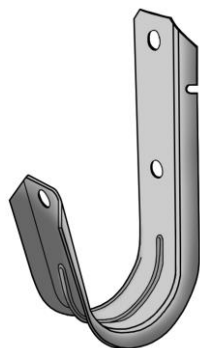
**DOC'S INDUSTRIES, INC.**

## **Doc's JH Series J-Hook Installation Instructions**

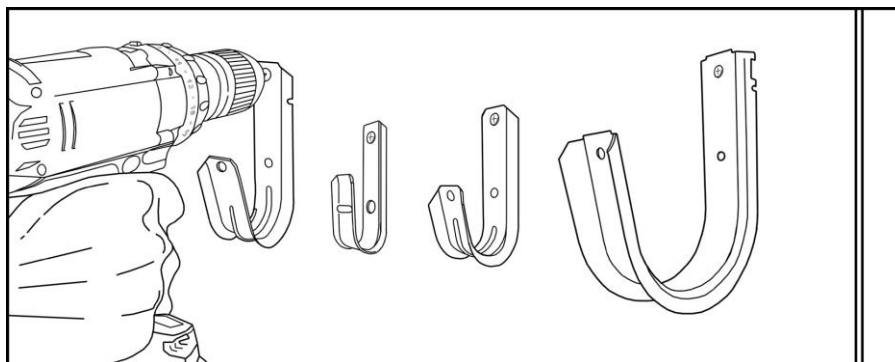


## **Mounting to a vertical surface: JH12, JH21, JH32 and JH64**

Secure the hook to the wall with a mounting anchor\* appropriate to the surface you are mounting it to, such as a screw\* or a toggle bolt\* as shown on Fig. 2 below.



**Fig. 1**



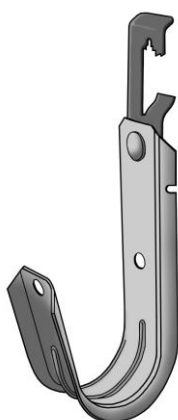
**Fig. 2**



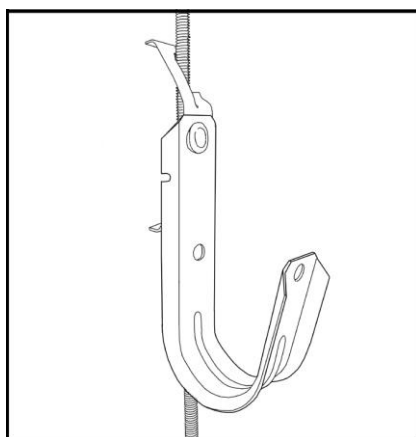
| Part No. | Hook Size | Fig. No. | Ultimate Peak Load<br>LBS.   N |       | Description  |
|----------|-----------|----------|--------------------------------|-------|--------------|
| JH12     | 3/4"      | 1        | 17                             | 3.82  | Basic J-Hook |
| JH21     | 1-5/16"   |          | 17                             | 3.82  | Basic J-Hook |
| JH32     | 2"        |          | 17                             | 3.82  | Basic J-Hook |
| JH64     | 4"        |          | 50                             | 11.24 | Basic J-Hook |

## **Mounting to a rod or ceiling wire with a bat wing clip: JH12W, JH21W, JH32W and JH64W**

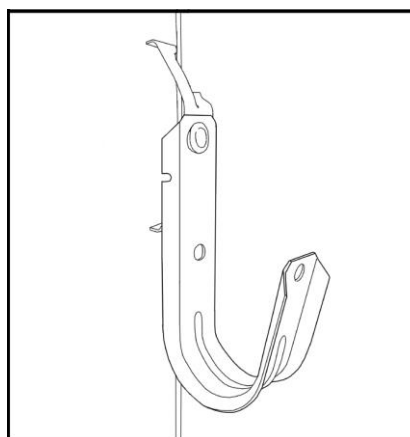
The batwing spring steel clip is secured to the J-Hook using an appropriate fastener such as a bolt or a rivet. Depress the batwing between your fingers and attach it to ceiling wire or 1/4" threaded rod as shown on Fig. 4 & Fig. 5 below.



**Fig. 3**



**Fig. 4**



**Fig. 5**



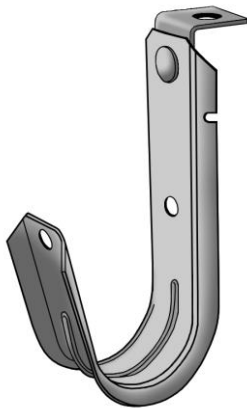
| Part No. | Hook Size | Fig. No. | Ultimate Peak Load<br>LBS.   N |      | Description                                    |
|----------|-----------|----------|--------------------------------|------|--|
| JH12W    | 3/4"      | 3        | 17                             | 3.82 | J-Hook assembled to multi-purpose batwing clip |
| JH21W    | 1 5/16"   |          | 17                             | 3.82 | J-Hook assembled to multi-purpose batwing clip |
| JH32W    | 2"        |          | 17                             | 3.82 | J-Hook assembled to multi-purpose batwing clip |
| JH64W    | 4"        |          | 33.3                           | 7.48 | J-Hook assembled to multi-purpose batwing clip |

**Mounting to a rod or a horizontal surface with an angle clip: JH12AC, JH21AC, JH32AC, JH32AC6, JH64AC & JH64AC6**

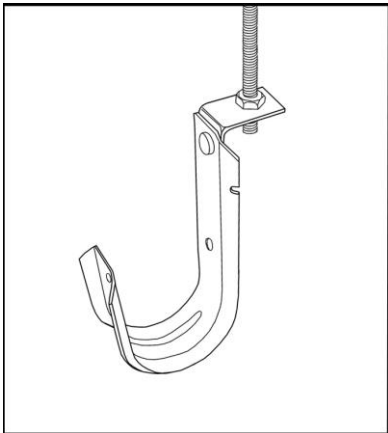
Secure the angle clip to 1/4" or 3/8" threaded rod with 2 - 1/4x20 nuts as shown on Fig. 8. The clip may be secured directly to a horizontal surface using an appropriate fastener\* as shown on Fig. 9 below.



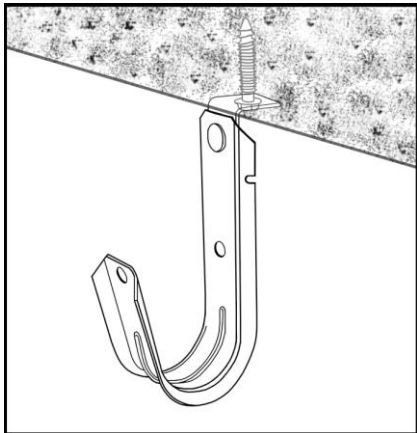
**Fig. 6**



**Fig. 7**



**Fig. 8**



**Fig. 9**

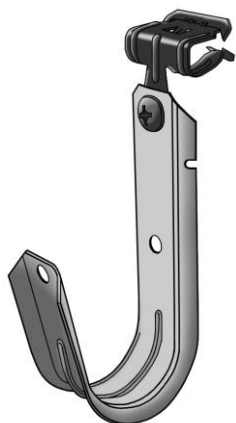


| Part No. | Hook Size | Fig. No. | Ultimate Peak Load |       | Angle Clip Hole Size | Description                                       |
|----------|-----------|----------|--------------------|-------|----------------------|---|
|          |           |          | LBS.               | N     |                      |   |
| JH12AC   | 3/4"      | 6        | 17                 | 3.82  | 1/4"                 | J-Hook assembled to 90° angle clip with 1/4" hole |
| JH21AC   | 1 5/16"   |          | 17                 | 3.82  | 1/4"                 | J-Hook assembled to 90° angle clip with 1/4" hole |
| JH32AC   | 2"        |          | 17                 | 3.82  | 1/4"                 | J-Hook assembled to 90° angle clip with 1/4" hole |
| JH32AC6  | 2"        | 7        | 17                 | 3.82  | 3/8"                 | J-Hook assembled to 90° angle clip with 3/4" hole |
| JH64AC   | 4"        | 6        | 50                 | 11.24 | 1/4"                 | J-Hook assembled to 90° angle clip with 1/4" hole |
| JH64AC6  | 4"        | 7        | 50                 | 11.24 | 3/8"                 | J-Hook assembled to 90° angle clip with 3/4" hole |

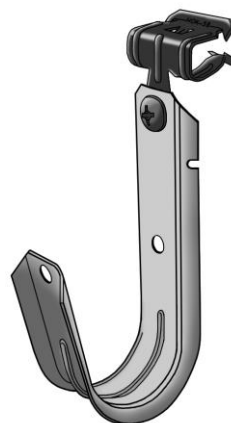
**Mounting to a beam with a knock-on HOK24 or HOK58 beam clamp: JH12HOK-24, JH12HOK-58, JH21HOK-24, JH21HOK-58, JH32HOK-24, JH32HOK-58, JH64HOK-24 & JH64HOK-58**

Secure a knock-on beam clamp to a flange using a hammer as shown on Fig. 12 & Fig. 13 below.

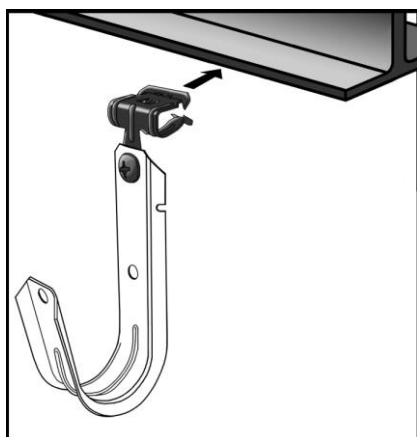
Note: The HOK-24 is designed for flanges from 1/8" to 1/4" thick; the HOK-58 is designed for flanges from 5/16" to 1/2" thick.



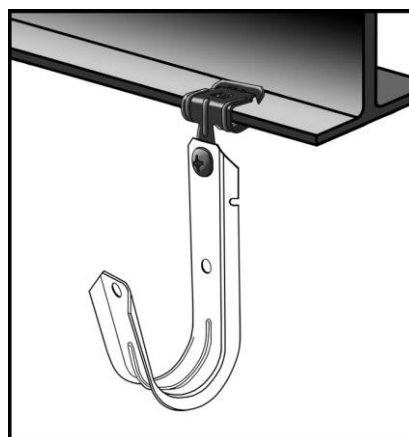
**Fig. 10**



**Fig. 11**



**Fig. 12**



**Fig. 13**

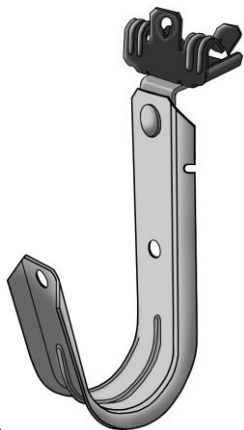


| Part No.  | Hook Size | Fig. No. | Ultimate Peak Load LBS.   N |       | Description  |
|-----------|-----------|----------|-----------------------------|-------|--|
| JH12HOK24 | 3/4"      | 10       | 17                          | 3.82  | J-Hook assembled to knock-on beam clamp for flanges 1/8" – 1/4" thick  |
| JH12HOK58 | 3/4"      | 11       | 17                          | 3.82  | J-Hook assembled to knock-on beam clamp for flanges 5/16" – 1/2" thick |
| JH21HOK24 | 1-5/16"   | 10       | 17                          | 3.82  | J-Hook assembled to knock-on beam clamp for flanges 1/8" – 1/4" thick  |
| JH21HOK58 | 1-5/16"   | 11       | 17                          | 3.82  | J-Hook assembled to knock-on beam clamp for flanges 5/16" – 1/2" thick |
| JH32HOK24 | 2"        | 10       | 17                          | 3.82  | J-Hook assembled to knock-on beam clamp for flanges 1/8" – 1/4" thick  |
| JH32HOK58 | 2"        | 11       | 17                          | 3.82  | J-Hook assembled to knock-on beam clamp for flanges 5/16" – 1/2" thick |
| JH64HOK24 | 4"        | 10       | 50                          | 11.24 | J-Hook assembled to knock-on beam clamp for flanges 1/8" – 1/4" thick  |
| JH64HOK58 | 4"        | 11       | 50                          | 11.24 | J-Hook assembled to knock-on beam clamp for flanges 5/16" – 1/2" thick |

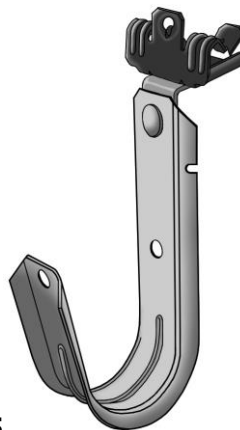
**Mounting to a beam with a knock-on ACFM24 or ACFM58 beam clamp: JH12ACFM24, JH12ACFM58, JH21ACFM24, JH21ACFM58, JH32ACFM24, JH32ACFM58, JH64ACFM24 & JH64ACFM58**

Secure a knock-on beam clamp to a flange using a hammer as shown on Fig. 16 & Fig. 17 below.

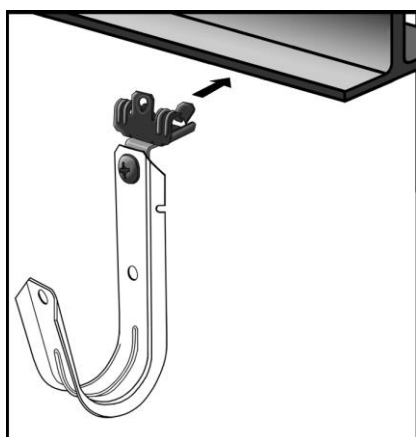
Note: The ACFM24 is designed for flanges from 1/8" to 1/4" thick. The ACFM58 is designed for flanges from 5/16" to 1/2" thick. Both the ACFM24 & ACFM58 can be rotated 360°.



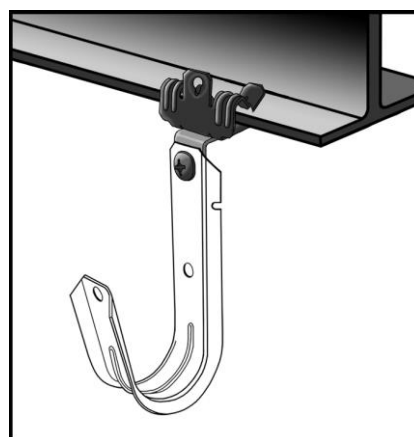
**Fig. 14**



**Fig. 15**



**Fig. 16**



**Fig. 17**

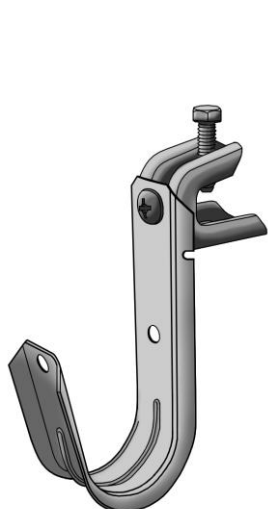


| Part No.   | Hook Size | Fig. No. | Ultimate Peak Load<br>LBS.   N |       | Description  |
|------------|-----------|----------|--------------------------------|-------|--|
| JH12ACFM24 | 3/4"      | 14       | 17                             | 3.82  | J-Hook assembled to knock-on beam clamp for flanges 1/8" – 1/4" thick, rotates 360°  |
| JH12ACFM58 | 3/4"      | 15       | 17                             | 3.82  | J-Hook assembled to knock-on beam clamp for flanges 5/16" – 1/2" thick, rotates 360° |
| JH21ACFM24 | 1 5/16"   | 14       | 17                             | 3.82  | J-Hook assembled to knock-on beam clamp for flanges 1/8" – 1/4" thick, rotates 360°  |
| JH21ACFM58 | 1 5/16"   | 15       | 17                             | 3.82  | J-Hook assembled to knock-on beam clamp for flanges 5/16" – 1/2" thick, rotates 360° |
| JH32ACFM24 | 2"        | 14       | 17                             | 3.82  | J-Hook assembled to knock-on beam clamp for flanges 1/8" – 1/4" thick, rotates 360°  |
| JH32ACFM58 | 2"        | 15       | 17                             | 3.82  | J-Hook assembled to knock-on beam clamp for flanges 5/16" – 1/2" thick, rotates 360° |
| JH64ACFM24 | 4"        | 14       | 50                             | 11.24 | J-Hook assembled to knock-on beam clamp for flanges 1/8" – 1/4" thick, rotates 360°  |
| JH64ACFM58 | 4"        | 15       | 50                             | 11.24 | J-Hook assembled to knock-on beam clamp for flanges 5/16" – 1/2" thick, rotates 360° |

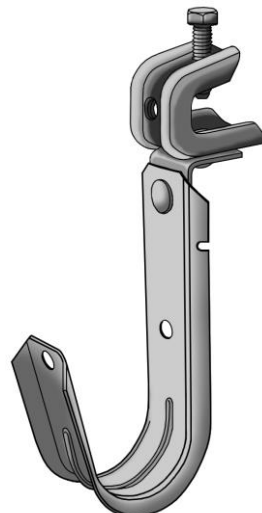
**Mounting to a beam with a screw-on PBC beam clamp: JH12PBC, JH12ACPBC, JH21PBC, JH21ACPBC, JH32PBC, JH32ACPBC, JH64PBC & JH64ACPBC**

Secure a screw-on beam clamp to a flange using a 3/8" socket driver or wrench as shown on Fig.20 & Fig.21 below. Tighten the bolt to 20 in-lb.

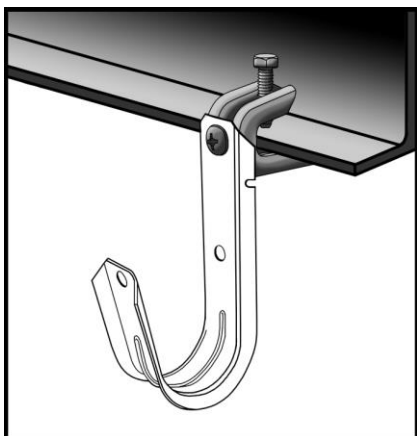
Note: The PBC & ACPBC's are designed for flanges up to 1/2" thick. The ACPBC can be rotated 360°.



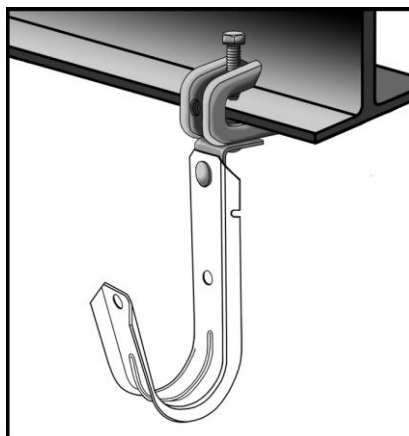
**Fig. 18**



**Fig. 19**



**Fig. 20**



**Fig. 21**

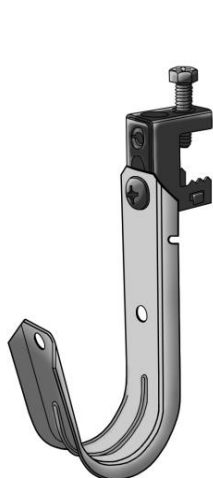


| Part No.  | Hook Size | Fig. No. | Ultimate Peak Load |       | Description   |
|-----------|-----------|----------|--------------------|-------|---|
|           |           |          | LBS.               | N     |   |
| JH12PBC   | 3/4"      | 18       | 17                 | 3.82  | J-Hook assembled to pressed beam clamp for flanges up to 1/2" thick               |
| JH12ACPBC | 3/4"      | 19       | 17                 | 3.82  | J-Hook assembled to pressed beam clamp for flanges up to 1/2" thick, rotates 360° |
| JH21PBC   | 1 5/16"   | 18       | 17                 | 3.82  | J-Hook assembled to pressed beam clamp for flanges up to 1/2" thick               |
| JH21ACPBC | 1 5/16"   | 19       | 17                 | 3.82  | J-Hook assembled to pressed beam clamp for flanges up to 1/2" thick, rotates 360° |
| JH32PBC   | 2"        | 18       | 17                 | 3.82  | J-Hook assembled to pressed beam clamp for flanges up to 1/2" thick               |
| JH32ACPBC | 2"        | 19       | 17                 | 3.82  | J-Hook assembled to pressed beam clamp for flanges up to 1/2" thick, rotates 360° |
| JH64PBC   | 4"        | 18       | 50                 | 11.24 | J-Hook assembled to pressed beam clamp for flanges up to 1/2" thick               |
| JH64ACPBC | 4"        | 19       | 50                 | 11.24 | J-Hook assembled to pressed beam clamp for flanges up to 1/2" thick, rotates 360° |

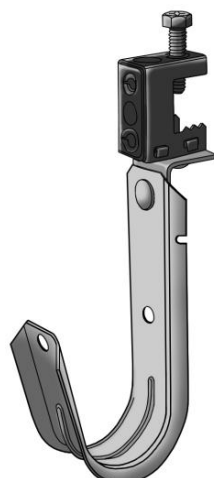
**Mounting to a beam with a screw-on SSBC spring steel beam clamp: JH12SSBC, JH12ACSSBCC, JH21SSBC, JH21ACSSBC, JH32SSBC, JH32ACSSBC, JH64SSBC & JH64ACSSBC**

Secure a screw-on beam clamp to a flange using a 3/8" socket driver, wrench or Philips head screw driver as shown on Fig. 24 & Fig. 25 below. Tighten the bolt to 20 in-lb.

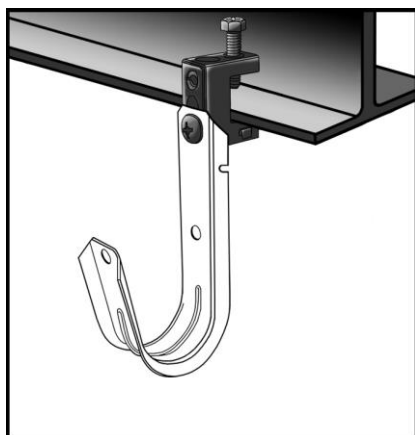
Note: The SSBC & ACSSBC's are designed for flanges up to 1/2" thick. The ACSSBC can be rotated 360°.



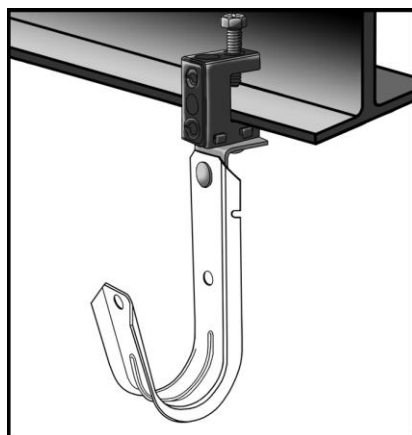
**Fig. 22**



**Fig. 23**



**Fig. 24**



**Fig. 25**

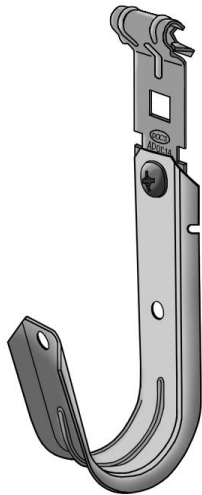


| Part No.   | Hook Size | Fig. No. | Ultimate Peak Load LBS.   N |       | Description  |
|------------|-----------|----------|-----------------------------|-------|--|
| JH12SSBC   | 3/4"      | 22       | 17                          | 3.82  | J-Hook assembled to spring steel beam clamp for flanges up to 1/2" thick               |
| JH12ACSSBC | 3/4"      | 23       | 17                          | 3.82  | J-Hook assembled to spring steel beam clamp for flanges up to 1/2" thick, rotates 360° |
| JH21SSBC   | 1 5/16"   | 22       | 17                          | 3.82  | J-Hook assembled to spring steel beam clamp for flanges up to 1/2" thick               |
| JH21ACSSBC | 1 5/16"   | 23       | 17                          | 3.82  | J-Hook assembled to spring steel beam clamp for flanges up to 1/2" thick, rotates 360° |
| JH32SSBC   | 2"        | 22       | 17                          | 3.82  | J-Hook assembled to spring steel beam clamp for flanges up to 1/2" thick               |
| JH32ACSSBC | 2"        | 23       | 17                          | 3.82  | J-Hook assembled to spring steel beam clamp for flanges up to 1/2" thick, rotates 360° |
| JH64SSBC   | 4"        | 22       | 50                          | 11.24 | J-Hook assembled to spring steel beam clamp for flanges up to 1/2" thick               |
| JH64ACSSBC | 4"        | 23       | 50                          | 11.24 | J-Hook assembled to spring steel beam clamp for flanges up to 1/2" thick, rotates 360° |

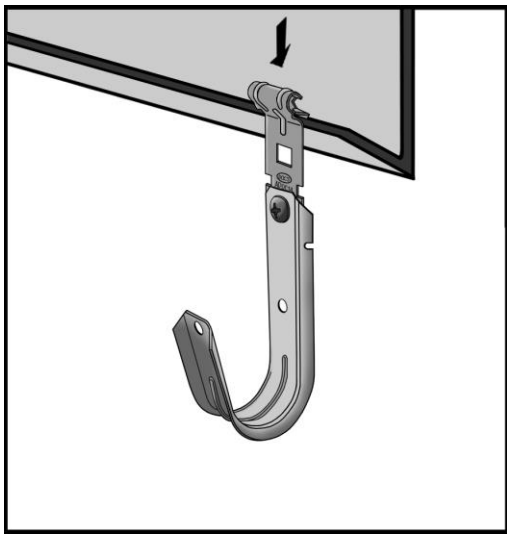
**Mounting to a joist with a ADOC14 "Z" purlin spring steel clip: JH12ADOC14, JH21ADOC14, JH32 ADOC14, JH64 ADOC14**

Secure an ADOC14 spring steel "Z" purlin clip to a joist using a hammer or extension pole installation tool as shown on Fig. 27 & Fig. 28 below.

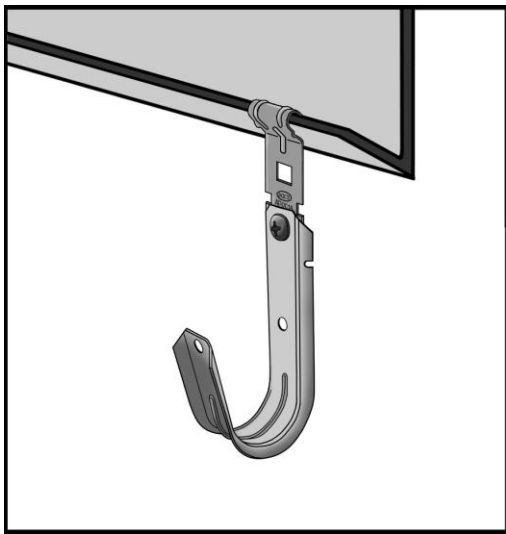
Note: The ADOC14 is designed for flanges 1/8" - 1/4" thick.



**Fig. 26**



**Fig. 27**



**Fig. 28**



| Part No.   | Hook Size | Fig. No. | Ultimate Peak Load LBS.   N |       | Description  |
|------------|-----------|----------|-----------------------------|-------|--|
| JH12ADOC14 | 3/4"      | 26       | 17                          | 3.82  | J-Hook assembled to spring steel "Z" purlin clip for flanges 1/8" - 1/4" thick |
| JH21ADOC14 | 1 5/16"   |          | 17                          | 3.82  | J-Hook assembled to spring steel "Z" purlin clip for flanges 1/8" - 1/4" thick |
| JH32ADOC14 | 2"        |          | 17                          | 3.82  | J-Hook assembled to spring steel "Z" purlin clip for flanges 1/8" - 1/4" thick |
| JH64ADOC14 | 4"        |          | 50                          | 11.24 | J-Hook assembled to spring steel "Z" purlin clip for flanges 1/8" - 1/4" thick |



**Mounting to a joist with a VOH14 "C" purlin spring steel clip: JH12VOH14, JH21VOH14, JH32VOH14, JH64VOH14**

Secure a VOH14 spring steel "C" purlin clip to a joist using a hammer or extension pole installation tool as shown on Fig. 30 & Fig. 31 below.

Note: The VOH14 is designed for flanges 1/8" - 1/4" thick.

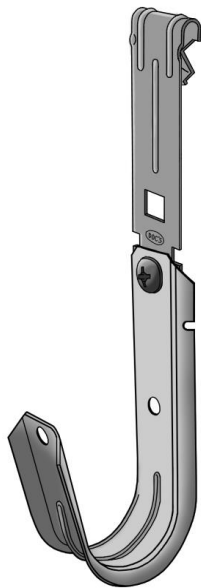


Fig. 29

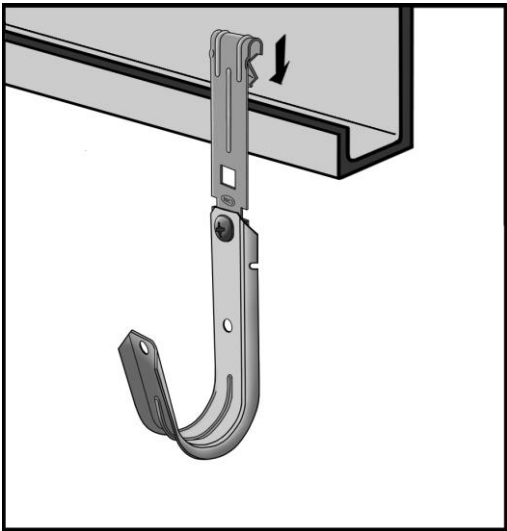


Fig. 30

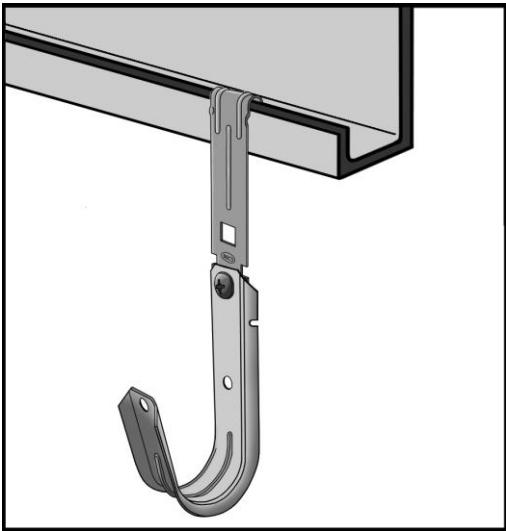


Fig. 31



| Part No.  | Hook Size | Fig. No. | Ultimate Peak Load LBS.   N |       | Description  |
|-----------|-----------|----------|-----------------------------|-------|--|
| JH12VOH14 | 3/4"      | 29       | 17                          | 3.82  | J-Hook assembled to spring steel "C" purlin clip for flanges 1/8" - 1/4" thick |
| JH21VOH14 | 1 5/16"   |          | 17                          | 3.82  | J-Hook assembled to spring steel "C" purlin clip for flanges 1/8" - 1/4" thick |
| JH32VOH14 | 2"        |          | 17                          | 3.82  | J-Hook assembled to spring steel "C" purlin clip for flanges 1/8" - 1/4" thick |
| JH64VOH14 | 4"        |          | 50                          | 11.24 | J-Hook assembled to spring steel "C" purlin clip for flanges 1/8" - 1/4" thick |

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

