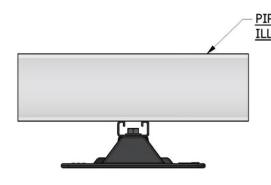


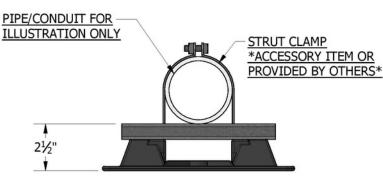


### **TOP VIEW**

**ISOMETRIC VIEW** 



SIDE VIEW



### **ACCESSORIES**

- Strut Clamp Order to Pipe O.D.
- 7½" x 10" Support pad
- Eternabond® 2-sided tape

### PRODUCT DESCRIPTION

A pipe support with "strut" used to support roof-mounted electrical conduit, solar piping, gas pipes and other mechanical piping.

Pipes rest on a 8" length of strut which is mounted on the base. The pipes can be fastened by using the appropriate pipe clamp.

### **KEY INFORMATION**

 Designed to support conduit (ganged) cable trays or other mechanical piping.

**END VIEW** 

- Fixed height of 2½", even load required, maximum load is 172 lbs. (Max load based on 3.0 psi to the roof deck)
- Unit weight: 1.55 lbs.
- 12 per case (21 lbs.)
- Recommended spacing is not to exceed 10' centers depending upon the load. Make certain each support is properly elevated to evenly distribute weight at all support locations.

### **MATERIAL INFORMATION**

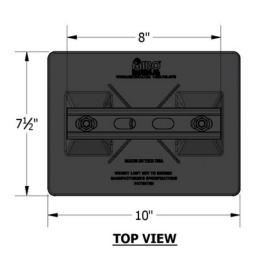
- Base Material: Polycarbonate
- 13/16"x1-5/8" 14 ga. HDG slotted strut
- HDG hardware

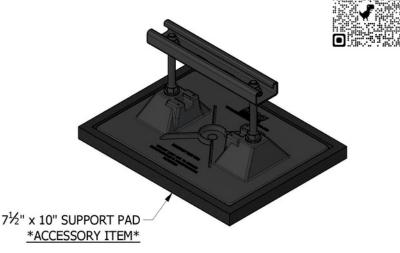
The information contained in this drawing is the sole property of MIRO Industries, Inc.

Any reproduction in part or as a whole without written permission of

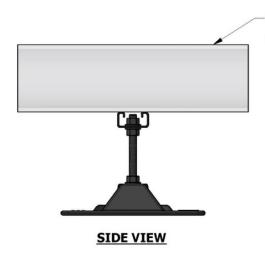
MIRO Industries, Inc. is prohibited.

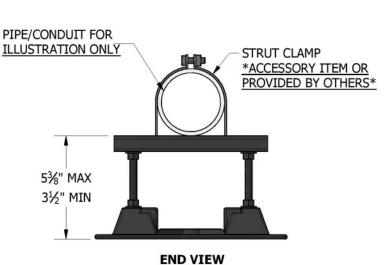
DATE: JAN 2022





### **ISOMETRIC VIEW**





### **ACCESSORIES**

- Strut Clamp Order to Pipe O.D.
- 7½" x 10" Support pad
- Eternabond® 2-sided tape

### PRODUCT DESCRIPTION

A pipe support with "strut" used to support roof-mounted electrical conduit, solar piping, gas pipes and other mechanical piping.

Pipes rest on a 8" length of strut which is mounted

Pipes rest on a 8" length of strut which is mounted on the base. The pipes can be fastened by using the appropriate pipe clamp.

### **KEY INFORMATION**

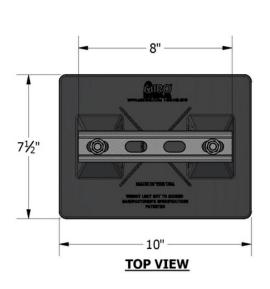
- Designed to support conduit (ganged) cable trays or other mechanical piping.
- Adjustable from the factory set maximum height of 5-3/8" down to a minimum height of 3-1/2"
- Maximum load is 172 lbs. (3.0 psi) Make certain each support is properly elevated to evenly distribute weight at all support locations.
- Unit Weight: 1.88 lbs.
- 12 per case (23 lbs.)
- Recommended spacing is not to exceed 10' centers depending upon the load.

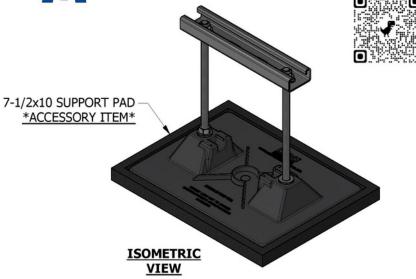
### **MATERIAL INFORMATION**

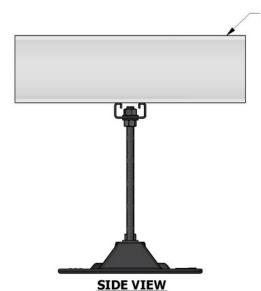
- Base Material: Polycarbonate
- 3/8"-16 304 SS All-Thread
- 13/16"x1-5/8" 14 ga. HDG slotted strut
- HDG hardware

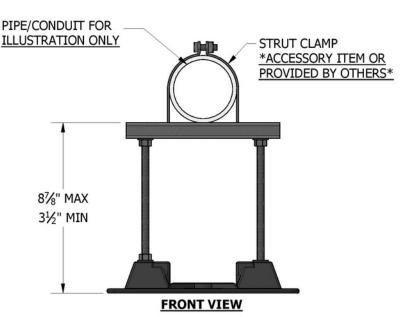
The information contained in this drawing is the sole property of MIRO Industries, Inc.
Any reproduction in part or as a whole without written permission of
MIRO Industries, Inc. is prohibited.

DATE: JAN 2022









- Strut Clamp Order to Pipe O.D.
- 7½" x 10" Support pad
- Eternabond® 2-sided tape

### PRODUCT DESCRIPTION

A pipe support with "strut" used to support roof-mounted electrical conduit, solar piping, gas pipes and other mechanical piping.

Pipes rect on a 8" length of ctrut which is mounted.

Pipes rest on a 8" length of strut which is mounted on the base. The pipes can be fastened by using the appropriate pipe clamp.

### **KEY INFORMATION**

- Designed to support conduit (ganged) cable trays or other mechanical piping.
- Adjustable from the factory set maximum height of 8-7/8" down to a minimum height of 3-1/2"
- Maximum load is 172 lbs. (3.0 psi) Make certain each support is properly elevated to evenly distribute weight at all support locations.
- Unit Weight: 2.10 lbs.
- 12 per case (26 lbs.)
- Recommended spacing is not to exceed 10' centers depending upon the load.

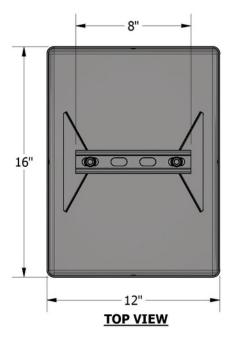
### **MATERIAL INFORMATION**

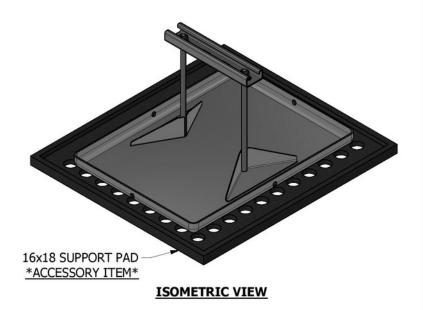
- Base Material: Polycarbonate
- 3/8"-16 304 SS All-Thread
- 13/16"x1-5/8" 14 ga. HDG slotted strut
- HDG hardware

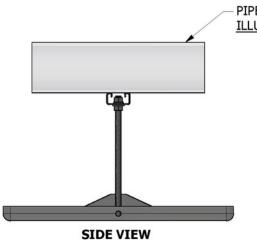
The information contained in this drawing is the sole property of MIRO Industries, Inc.
Any reproduction in part or as a whole without written permission of
MIRO Industries, Inc. is prohibited.

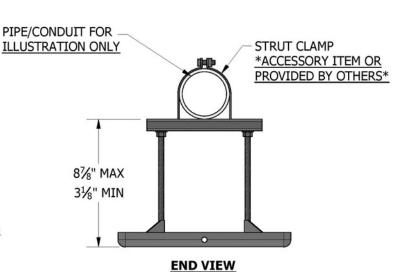
DATE: JAN 2022











- Strut Clamp Order to Pipe O.D.
- 16" x 18" Support pad
- Eternabond® 2-sided tape

### PRODUCT DESCRIPTION

A pipe support with "strut" used to support roof-mounted electrical conduit, solar piping, gas pipes and other mechanical piping.

Pipes rest on a 8" length of strut which is mounted on the base. The pipes can be fastened by using the appropriate pipe clamp.

### **KEY INFORMATION**

- Designed to support conduit (ganged) cable trays or other mechanical piping.
- Adjustable from the factory set maximum height of 8-7/8" down to a minimum height of 3-1/8"
- Maximum load is 419 lbs. (3.0 psi) Make certain each support is properly elevated to evenly distribute weight at all support locations.
- Unit Weight: 8.46 lbs.
- Recommended spacing is not to exceed 10' centers depending upon the load.

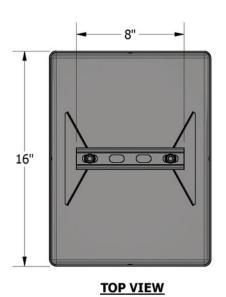
### **MATERIAL INFORMATION**

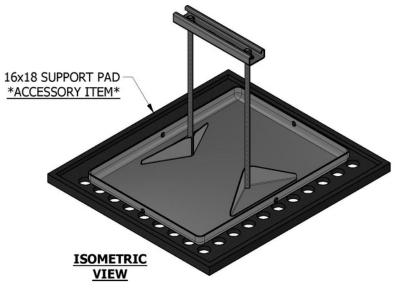
- Base Material: 16 ga. 304 SS
- 1/2"-13 304 SS All-Thread
- 13/16"x1-5/8" 14 ga. HDG slotted strut
- HDG hardware

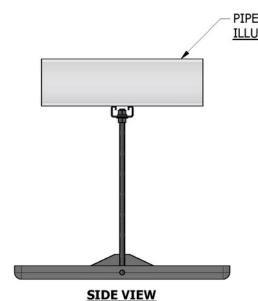
The information contained in this drawing is the sole property of MIRO Industries, Inc.
Any reproduction in part or as a whole without written permission of
MIRO Industries, Inc. is prohibited.

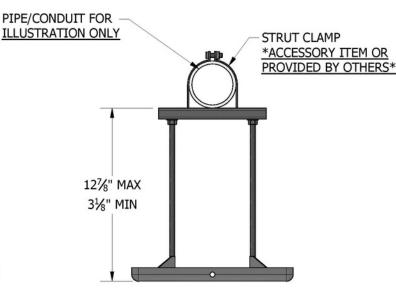
JAN 2022

8-BASE STRUT-8 SS









- Strut Clamp Order to Pipe O.D.
- 16" x 18" Support pad
- Eternabond® 2-sided tape

### PRODUCT DESCRIPTION

A pipe support with "strut" used to support roof-mounted electrical conduit, solar piping, gas pipes and other mechanical piping.

Pipes rest on a 12" length of strut which is mounted on the base. The pipes can be fastened by using the appropriate pipe clamp.

### **KEY INFORMATION**

 Designed to support conduit (ganged) cable trays or other mechanical piping.

**END VIEW** 

- Adjustable from the factory set maximum height of 12-7/8" down to a minimum height of 3-1/8"
- Maximum load is 186 lbs. (All-thread capacity) Make certain each support is properly elevated to evenly distribute weight at all support locations.
- Unit Weight: 8.70 lbs.
- Recommended spacing is not to exceed 10' centers depending upon the load.

### MATERIAL INFORMATION

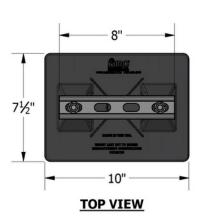
- Base Material: 16 ga. 304 SS
- 1/2"-13 304 SS All-Thread
- 13/16"x1-5/8" 14 ga. HDG slotted strut
- · HDG hardware

The information contained in this drawing is the sole property of MIRO Industries, Inc.
Any reproduction in part or as a whole without written permission of
MIRO Industries, Inc. is prohibited.

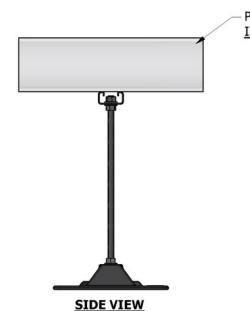
DATE: JAN 2022

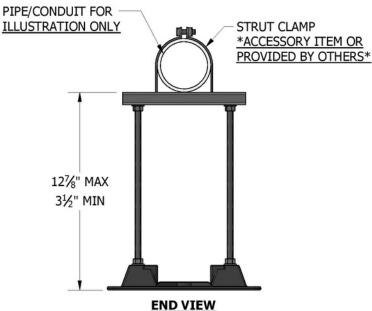
8-BASE STRUT-12 SS











- Strut Clamp Order to Pipe O.D.
- $7\frac{1}{2}$ " x 10" Support pad
- Eternabond® 2-sided tape

### PRODUCT DESCRIPTION

A pipe support with "strut" used to support roof-mounted electrical conduit, solar piping, gas pipes and other mechanical piping.

Pipes rest on a 8" length of strut which is mounted on the base. The pipes can be fastened by using the appropriate pipe clamp.

### **KEY INFORMATION**

- Designed to support conduit (ganged) cable trays or other mechanical piping.
- Adjustable from the factory set maximum height of 12-7/8" down to a minimum height of 3-1/2"
- Maximum load is 172 lbs. (3.0 psi) Make certain each support is properly elevated to evenly distribute weight at all support locations.
- Unit Weight: 2.34 lbs.
- 7 per case (17 lbs. per case)
- Recommended spacing is not to exceed 10' centers depending upon the load.

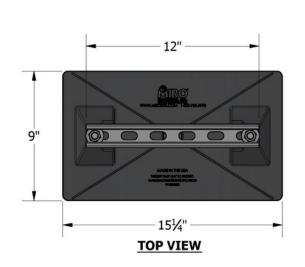
### MATERIAL INFORMATION

- Base Material: Polycarbonate
- 3/8"-16 304 SS All-Thread
- 13/16"x1-5/8" 14 ga. HDG slotted strut
- HDG hardware

The information contained in this drawing is the sole property of MIRO Industries, Inc.
Any reproduction in part or as a whole without written permission of
MIRO Industries, Inc. is prohibited.

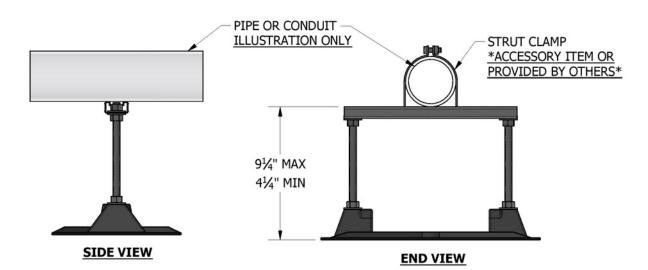
JAN 2022







**ISOMETRIC VIEW** 



- Strut Clamp Order to Pipe O.D.
- 9" x 15<sup>1</sup>/<sub>4</sub>" Support pad
- Eternabond® 2-sided tape

### PRODUCT DESCRIPTION

A pipe support with "strut" used to support roof-mounted electrical conduit, solar piping, gas pipes and other mechanical piping.

Pipes rest on a 12" length of strut which is mounted on the base. The pipes can be fastened by using the appropriate pipe clamp.

### **KEY INFORMATION**

- Designed to support conduit (ganged) cable trays or other mechanical piping.
- Adjustable from the factory set maximum height of 9-1/4" down to a minimum height of 4-1/4"
- Maximum load is 335 lbs. (3.0 psi) Make certain each support is properly elevated to evenly distribute weight at all support locations.
- Unit Weight: 3.55 lbs.
- 8 per case (31 lbs. per case)
- Recommended spacing is not to exceed 10' centers depending upon the load.

### **MATERIAL INFORMATION**

- Base Material: Polycarbonate
- 1/2"-13 304 SS All-Thread
- 13/16"x1-5/8" 14 ga. HDG slotted strut
- HDG hardware

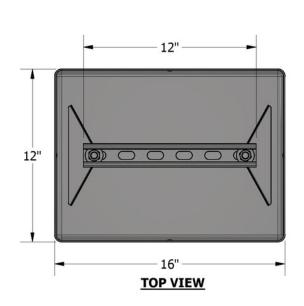
The information contained in this drawing is the sole property of MIRO Industries, Inc.

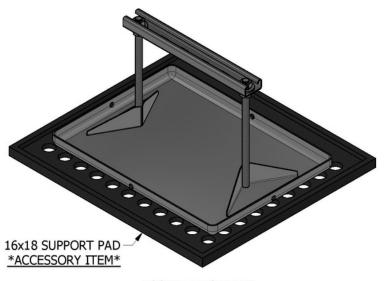
Any reproduction in part or as a whole without written permission of

MIRO Industries, Inc. is prohibited.

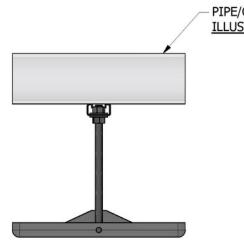
DATE: JAN 2022







**ISOMETRIC VIEW** 





# PIPE/CONDUIT FOR ILLUSTRATION ONLY \*ACCESSORY ITEM OR PROVIDED BY OTHERS\* 9½" MAX 3½" MIN

**END VIEW** 

### **ACCESSORIES**

- Strut Clamp Order to Pipe O.D.
- 16" x 18" Support pad
- Eternabond® 2-sided tape

### PRODUCT DESCRIPTION

A pipe support with "strut" used to support roof-mounted electrical conduit, solar piping, gas pipes and other mechanical piping.

Pipes rest on a 12" length of strut which is mounted on the base. The pipes can be fastened by using the appropriate pipe clamp.

### **KEY INFORMATION**

- Designed to support conduit (ganged) cable trays or other mechanical piping
- Adjustable from the factory set maximum height of 9-1/4" down to a minimum height of 3-1/4"
- Maximum load is 524 lbs. (3.0 psi) Make certain each support is properly elevated to evenly distribute weight at all support locations
- Unit Weight: 9.42 lbs.
- Recommended spacing is not to exceed 10' centers depending upon the load

### **MATERIAL INFORMATION**

- Base Material: 16 ga. 304 SS
- 1/2"-13 304 SS All-Thread
- 13/16"x1-5/8" 14 ga. HDG slotted strut
- HDG hardware

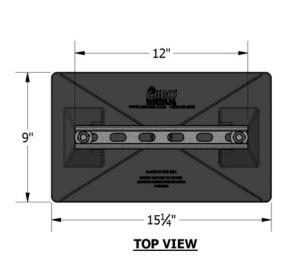
The information contained in this drawing is the sole property of MIRO Industries, Inc.

Any reproduction in part or as a whole without written permission of

MIRO Industries, Inc. is prohibited.

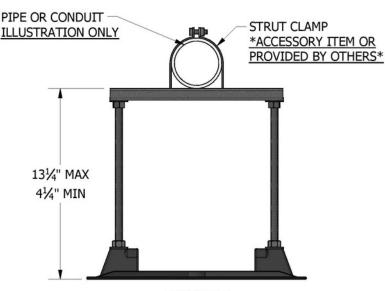
DATE: JAN 2022

12-BASE STRUT-8 SS









### **END VIEW**

### **ACCESSORIES**

- Strut Clamp Order to Pipe O.D.
- 9" x 151/4" Support pad
- Eternabond® 2-sided tape

### PRODUCT DESCRIPTION

A pipe support with "strut" used to support roof-mounted electrical conduit, solar piping, gas pipes and other mechanical piping.

Pipes rest on a 12" length of strut which is mounted on the base. The pipes can be fastened by using the appropriate pipe clamp.

### **KEY INFORMATION**

- Designed to support conduit (ganged) cable trays or other mechanical piping.
- Adjustable from the factory set maximum height of 13-1/4" down to a minimum height of 4-1/4"
- Maximum load is 335 lbs. (3.0 psi) Make certain each support is properly elevated to evenly distribute weight at all support locations.
- Unit Weight: 4.00 lbs.
- 6 per case (26 lbs. per case)
- Recommended spacing is not to exceed 10' centers depending upon the load.

### **MATERIAL INFORMATION**

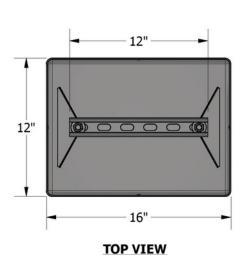
- Base Material: Polycarbonate
- 1/2"-13 304 SS All-Thread
- 13/16"x1-5/8" 14 ga. HDG slotted strut
- HDG hardware

The information contained in this drawing is the sole property of MIRO Industries, Inc.

Any reproduction in part or as a whole without written permission of

MIRO Industries, Inc. is prohibited.

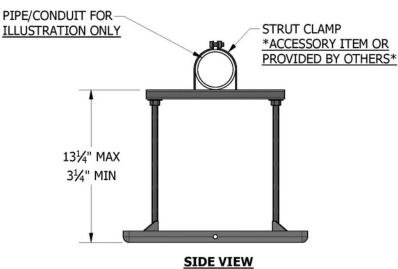
DATE: JAN 2022





### ISOMETRIC VIEW





### **ACCESSORIES**

- Strut Clamp Order to Pipe O.D.
- 16" x 18" Support pad
- Eternabond® 2-sided tape

### PRODUCT DESCRIPTION

A pipe support with "strut" used to support roof-mounted electrical conduit, solar piping, gas pipes and other mechanical piping.

Pipes rest on a 12" length of strut which is mounted on the base. The pipes can be fastened by using the appropriate pipe clamp.

### **KEY INFORMATION**

- Designed to support conduit (ganged) cable trays or other mechanical piping
- Adjustable from the factory set maximum height of 13-1/4" down to a minimum height of 3-1/4"
- Maximum load is 524 lbs. (3.0 psi) Make certain each support is properly elevated to evenly distribute weight at all support locations
- Unit Weight: 9.88 lbs.
- Recommended spacing is not to exceed 10' centers depending upon the load

### **MATERIAL INFORMATION**

- Base Material: 16 ga. 304 SS
- 1/2"-13 304 SS All-Thread
- 13/16"x1-5/8" 14 ga. HDG slotted strut
- HDG hardware

The information contained in this drawing is the sole property of MIRO Industries, Inc.

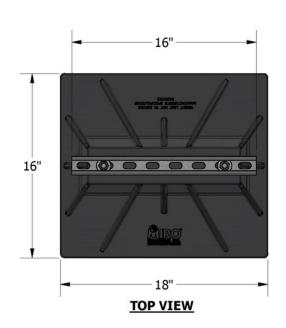
Any reproduction in part or as a whole without written permission of

MIRO Industries, Inc. is prohibited.

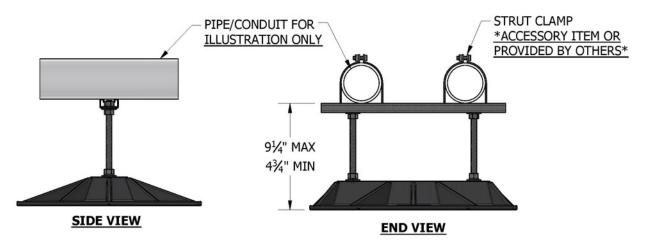
DATE: JAN 2022

12-BASE STRUT-12 SS









- Strut Clamp Order to Pipe O.D.
- 16" x 18" Support pad
- Eternabond® 2-sided tape

### PRODUCT DESCRIPTION

A pipe support with "strut" used to support roof-mounted electrical conduit, solar piping, gas pipes and other mechanical piping.

Pipes rest on a 16" length of strut which is mounted on the base. The pipes can be fastened by using the appropriate pipe clamp

### **KEY INFORMATION**

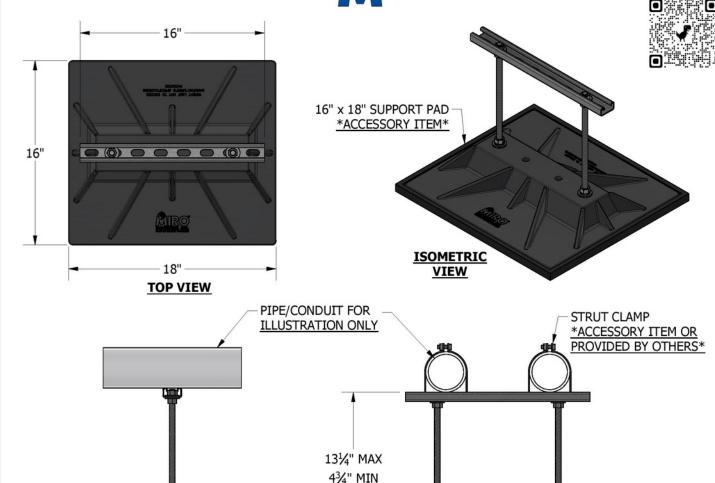
- Designed to support conduit (ganged) cable trays or other mechanical piping.
- Adjustable from the factory set maximum height of 9-1/4" down to a minimum height of 4-3/4"
- Maximum load is 578 lbs. (3.0 psi) Make certain each support is properly elevated to evenly distribute weight at all support locations.
- Unit Weight: 8.08 lbs.
- 4 per case (33 lbs. per case)
- Recommended spacing is not to exceed 10' centers depending upon the load.

### **MATERIAL INFORMATION**

- Base Material: Polycarbonate
- 1/2"-13 304 SS All-Thread
- 13/16"x1-5/8" 14 ga. HDG slotted strut
- HDG hardware

The information contained in this drawing is the sole property of MIRO Industries, Inc.
Any reproduction in part or as a whole without written permission of
MIRO Industries, Inc. is prohibited.

DATE: JAN 2022



Strut Clamp - Order to Pipe O.D.

SIDE VIEW

- 16" x 18" Support pad
- Eternabond® 2-sided tape

### PRODUCT DESCRIPTION

A pipe support with "strut" used to support roof-mounted electrical conduit, solar piping, gas pipes and other mechanical piping.

Pipes rest on a 16" length of strut which is mounted on the base. The pipes can be fastened by using the appropriate pipe clamp.

### **KEY INFORMATION**

 Designed to support conduit (ganged) cable trays or other mechanical piping.

**END VIEW** 

- Adjustable from the factory set maximum height of 13-1/4" down to a minimum height of 4-3/4"
- Maximum load is 578 lbs. (3.0 psi) Make certain each support is properly elevated to evenly distribute weight at all support locations.
- Unit Weight: 8.53 lbs.
- 4 per case (36 lbs. per case) \*50 lbs. Shipping Weight\*
- Recommended spacing is not to exceed 10' centers depending upon the load.

### **MATERIAL INFORMATION**

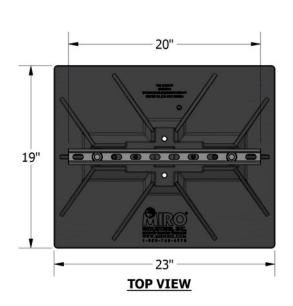
- Base Material: Polycarbonate
- 1/2"-13 304 SS All-Thread
- 13/16"x1-5/8" 14 ga. HDG slotted strut
- HDG hardware

The information contained in this drawing is the sole property of MIRO Industries, Inc.

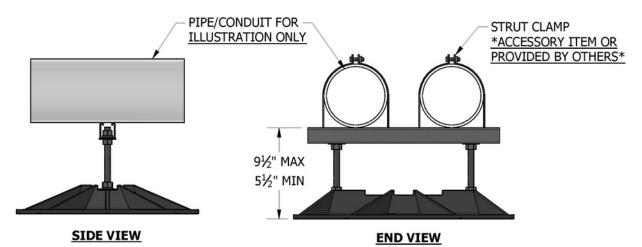
Any reproduction in part or as a whole without written permission of

MIRO Industries, Inc. is prohibited.

DATE: JAN 2022







- Strut Clamp Order to Pipe O.D.
- 19" x 23" Support pad
- Eternabond® 2-sided tape

### PRODUCT DESCRIPTION

A pipe support with "strut" used to support roof-mounted electrical conduit, solar piping, gas pipes and other mechanical piping.

Pipes rest on a 20" length of strut which is mounted

Pipes rest on a 20" length of strut which is mounted on the base. The pipes can be fastened by using the appropriate pipe clamp.

### **KEY INFORMATION**

- Designed to support conduit (ganged) cable trays or other mechanical piping.
- Adjustable from the factory set maximum height of 9-1/2" down to a minimum height of 5-1/2"
- Maximum load is 960 lbs. (3.0 psi) Make certain each support is properly elevated to evenly distribute weight at all support locations.
- · Unit Weight: 15.05 lbs.
- Recommended spacing is not to exceed 10' centers depending upon the load.

### MATERIAL INFORMATION

- Base Material: Polycarbonate
- 5/8"-11 304 SS All-Thread
- 1-5/8"x1-5/8" 12 ga. HDG slotted strut
- HDG hardware

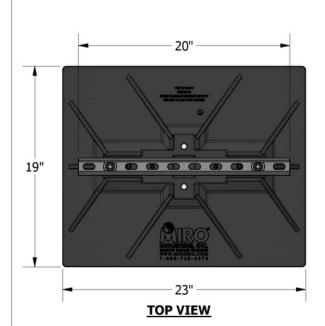
The information contained in this drawing is the sole property of MIRO Industries, Inc.

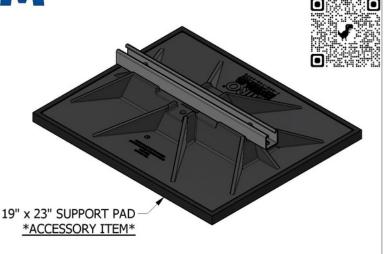
Any reproduction in part or as a whole without written permission of

MIRO Industries, Inc. is prohibited.

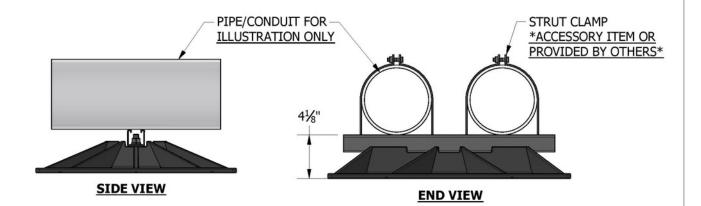
DATE: JAN 2022







**ISOMETRIC VIEW** 



### **ACCESSORIES**

- Strut Clamp Order to Pipe O.D.
- 19" x 23" Support pad
- Eternabond® 2-sided tape

### PRODUCT DESCRIPTION

A pipe support with "strut" used to support roof-mounted electrical conduit, solar piping, gas pipes and other mechanical piping.

Pipes rest on a 20" length of strut which is mounted on the base. The pipes can be fastened by using the appropriate pipe clamp.

### **KEY INFORMATION**

- Designed to support conduit (ganged) cable trays or other mechanical piping.
- Fixed height at 4-1/8"
- Maximum load is 960 lbs. (3.0 psi) Make certain each support is properly elevated to evenly distribute weight at all support locations.
- Unit Weight: 13.00 lbs.
- Recommended spacing is not to exceed 10' centers depending upon the load.

### **MATERIAL INFORMATION**

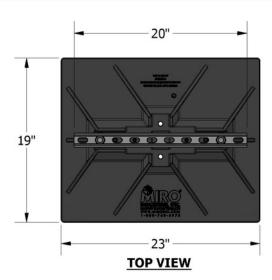
- Base Material: Polycarbonate
- 1-5/8"x1-5/8" 12 ga. HDG slotted strut
- HDG hardware

The information contained in this drawing is the sole property of MIRO Industries, Inc.

Any reproduction in part or as a whole without written permission of

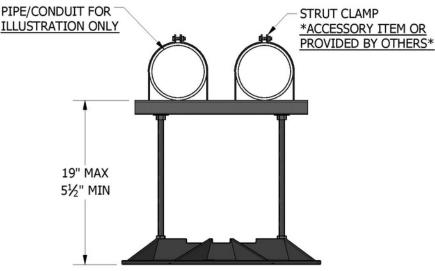
MIRO Industries, Inc. is prohibited.

JAN 2022









### **END VIEW**

### **ACCESSORIES**

- Strut Clamp Order to Pipe O.D.
- 19" x 23" Support pad
- Eternabond® 2-sided tape

### **PRODUCT DESCRIPTION**

A pipe support with "strut" used to support roof-mounted electrical conduit, solar piping, gas pipes and other mechanical piping.

Pipes rest on a 20" length of strut which is mounted on the base. The pipes can be fastened by using the appropriate pipe clamp.

### **KEY INFORMATION**

- Designed to support conduit (ganged) cable trays or other mechanical piping.
- Adjustable from the factory set maximum height of 19" down to a minimum height of 5-1/2"
- Maximum load is 717 lbs. (All-thread capacity) Make certain each support is properly elevated to evenly distribute weight at all support locations.
- Unit Weight: 16.74 lbs.
- Recommended spacing is not to exceed 10' centers depending upon the load.

### **MATERIAL INFORMATION**

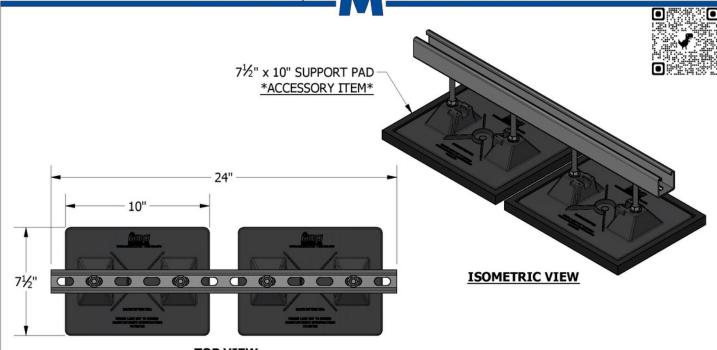
- Base Material: Polycarbonate
- 5/8"-11 304 SS All-Thread
- 1-5/8"x1-5/8" 12 ga. HDG slotted strut
- HDG hardware

The information contained in this drawing is the sole property of MIRO Industries, Inc.

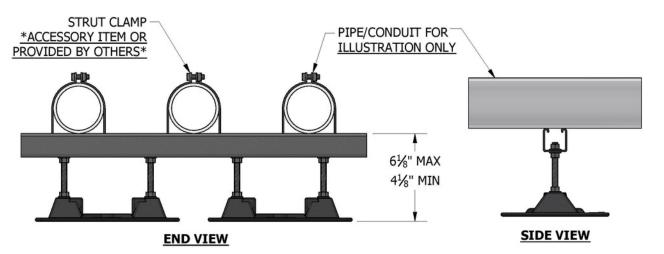
Any reproduction in part or as a whole without written permission of

MIRO Industries, Inc. is prohibited.

DATE: JAN 2022



### **TOP VIEW**



### **ACCESSORIES**

- Strut Clamp Order to Pipe O.D.
- (2)  $7\frac{1}{2}$ " x 10" Support pads
- Eternabond® 2-sided tape

### PRODUCT DESCRIPTION

A pipe support with "strut" used to support roof-mounted electrical conduit, solar piping, gas pipes and other mechanical piping. Pipes rest on a 24" length of strut which is mounted on the bases. The pipes can be fastened by using the appropriate pipe clamp.

### **KEY INFORMATION**

- Designed to support conduit (ganged) cable trays or other mechanical piping.
- Adjustable from the factory set maximum height of 6-1/8" down to a minimum height of 4-1/8"
- Maximum load is 172.5 lbs/ft. (3.0 psi) Make certain each support is properly elevated to evenly distribute weight at all support locations.
- Unit Weight: 6.11 lbs.
- Recommended spacing is not to exceed 10' centers depending upon the load.

### MATERIAL INFORMATION

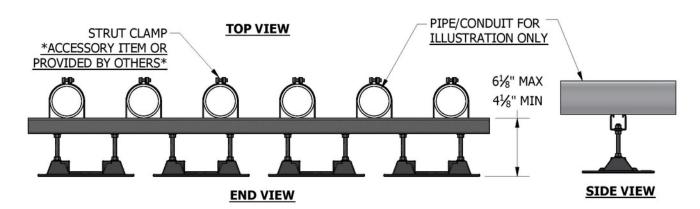
- Base Material: Polycarbonate
- 3/8"-16 304 SS All-Thread
- 1-5/8"x1-5/8" 12 ga. HDG slotted strut
- HDG hardware

The information contained in this drawing is the sole property of MIRO Industries, Inc.

Any reproduction in part or as a whole without written permission of

MIRO Industries, Inc. is prohibited.

DATE: JAN 2022



- Strut Clamp Order to Pipe O.D.
- (4) 7½" x 10" Support pads
- Eternabond® 2-sided tape

### PRODUCT DESCRIPTION

A pipe support with "strut" used to support roof-mounted electrical conduit, solar piping, gas pipes and other mechanical piping.
Pipes rest on a 48" length of strut which is mounted on the bases. The pipes can be fastened by using the appropriate pipe clamp.

### **KEY INFORMATION**

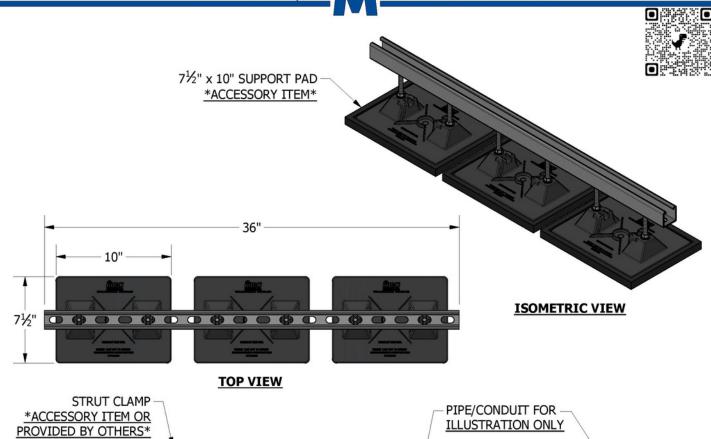
- Designed to support conduit (ganged) cable trays or other mechanical piping.
- Adjustable from the factory set maximum height of 6-1/8" down to a minimum height of 4-1/8"
- Maximum load is 172.5 lbs/ft. (3.0 psi) Make certain each support is properly elevated to evenly distribute weight at all support locations.
- Unit Weight: 12.22 lbs.
- Recommended spacing is not to exceed 10' centers depending upon the load.

### MATERIAL INFORMATION

- Base Material: Polycarbonate
- 3/8"-16 SS 304 All-Thread
- 1-5/8"x1-5/8" 12 ga. HDG slotted strut
- HDG hardware

The information contained in this drawing is the sole property of MIRO Industries, Inc.
Any reproduction in part or as a whole without written permission of
MIRO Industries, Inc. is prohibited.

DATE: JAN 2022



## END VIEW

# ACCESSORIESStrut Clamp - Order to Pipe O.D.

- (3) 7½" x 10" Support pads
- Eternabond® 2-sided tape

### PRODUCT DESCRIPTION

A pipe support with "strut" used to support roof-mounted electrical conduit, solar piping, gas pipes and other mechanical piping.
Pipes rest on a 36" length of strut which is mounted on the bases. The pipes can be fastened by using the appropriate pipe clamp.

### **KEY INFORMATION**

 Designed to support conduit (ganged) cable trays or other mechanical piping.

**SIDE VIEW** 

61/8" MAX 41/8" MIN

- Adjustable from the factory set maximum height of 6-1/8" down to a minimum height of 4-1/8"
- Maximum load is 172.5 lbs/ft. (3.0 psi) Make certain each support is properly elevated to evenly distribute weight at all support locations.
- Unit Weight: 9.16 lbs.
- Recommended spacing is not to exceed 10' centers depending upon the load.

### **MATERIAL INFORMATION**

- Base Material: Polycarbonate
- 3/8"-16 304 SS All-Thread
- 1-5/8"x1-5/8" 12 ga. HDG slotted strut
- HDG hardware

The information contained in this drawing is the sole property of MIRO Industries, Inc.
Any reproduction in part or as a whole without written permission of
MIRO Industries, Inc. is prohibited.

DATE: JAN 2022