



## SECTION 11

### CABLE HANGERS & CLAMPS & MARINE PRODUCTS

FOR INQUIRIES, TO PLACE ORDERS,  
SERVICE AND TECHNICAL SUPPORT CONTACT  
ANY OF THE FOLLOWING:

OFFICE: 1-800-462-9353  
713-939-8903

EMAIL: [INFO@SUNBELTSTUDWELDING.COM](mailto:INFO@SUNBELTSTUDWELDING.COM)



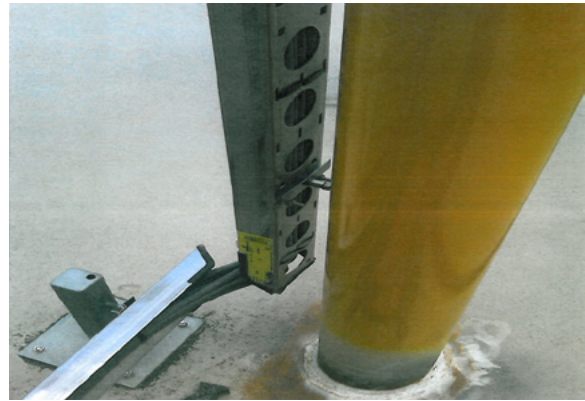
**website** [www.sunbeltstudwelding.com](http://www.sunbeltstudwelding.com) **email** [info@sunbeltstudwelding.com](mailto:info@sunbeltstudwelding.com)  
6381 Windfern Road, Houston, TX 77040 **telephone** 1.800.462.9353 - Houston 713.939.8903 **fax** 713.939.9013

# SMO / STS Overview

## SMO/STS OVERVIEW

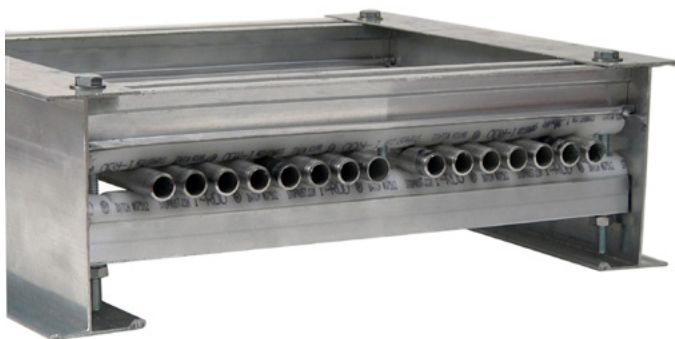
The Sunbelt Multi-Option (SMO) Hanger is Sunbelt Stud Welding's new solution for mounting cables, cable tray/channel and pneumatic tubing quickly and securely. With both vertical slots and horizontal holes, the SMO allows the flexibility for use in a variety of applications.

Whether using as a support for mounting cable tray/channel, cable/pneumatic tubing runs coming out of tray or used as a top support (SMOTS) with optional Sunbelt Tubing Spacer (STS), the Sunbelt Multi-Option Hanger has the flexibility of your needs.



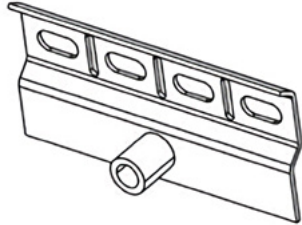
In the Sunbelt Tubing Spacer (STS), Sunbelt Stud Welding has partnered with Deepwater Corrosion Services in the manufacturing of a specially configured non-corrosive, UV resistant and rigid thermoplastic (I-ROD). Specially designed notches allow separation between and air flow under the metal tubing thus ensuring no moisture is collected eliminating possible corrosion or puncture damage caused by shock or vibration. These notches also ensure any tubing diameter securely stays in place without any metal surface touching the pneumatic tubing.

The SMO and STS can be combined for custom situations depending on your particular needs and application. Please consult the product detail sheets and contact Sunbelt Stud Welding for technical assistance.

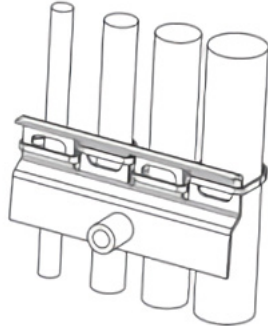


# Sunbelt Multi-Option Hanger (SMO)

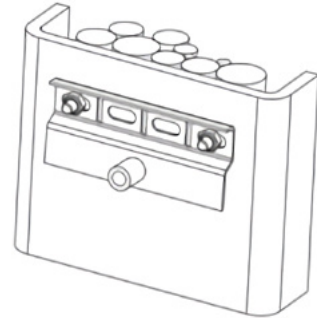
## SUNBELT MULTI-OPTION HANGER (SMO)



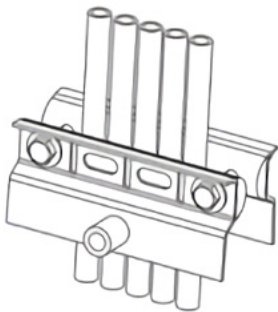
The Sunbelt Multi-Option Hanger (SMO)



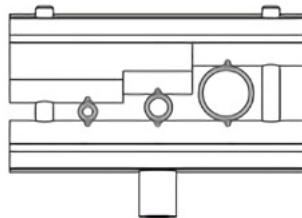
as a Cable Hanger  
15-3



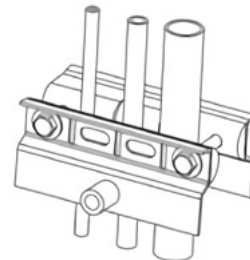
as a Tray Support  
15-3



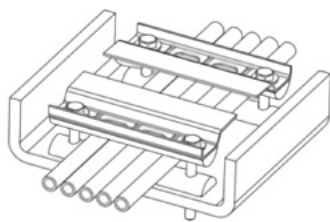
SMO with STS  
15-4



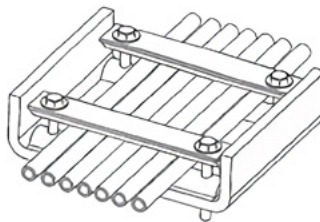
SMO with STS-TS  
15-4



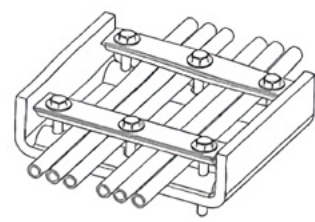
SMO with STS-TS  
15-4



SMO-TS Top Support  
15-5



Flat Bar Top Support  
15-5



Flat Bar Top Support  
15-5

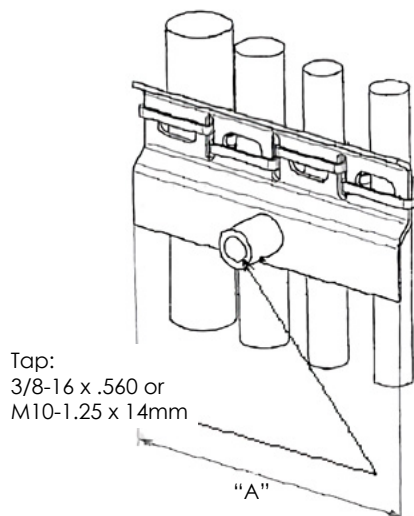
# Sunbelt Multi-Option Hanger

## SUNBELT MULTI-OPTION HANGER (SMO)

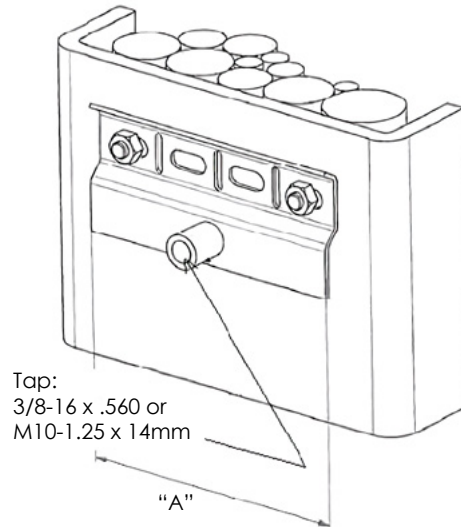
### Special Features of the Multi-Option Hanger

- Can be used for mounting cable, cable tray/channel or pneumatic tubing
- Easily installs onto a 3/8" or M10 diameter weld stud
- Mounted to cable tray/channel with 1/4-20 bolts/nuts or-
- Mounts inside tray for pneumatic tubing run with 1/4-20 bolts/nuts or-
- Mounts to 3/8" or M10 diameter weld stud and associated hardware attached for tubing support
- Can mount different cable diameters to the same hanger which reduces inventory
- Less inventory = less cost
- Available in 2", 3", 4", 6", & 8" lengths
- In stock item
- Neat appearance

Sunbelt Multi Option Hanger				
Part Number	Turning Radius	Alloy	Max Number Slots	"A"
SMO-002	1 1/4"	SS-316	1	2"
SMO-003	1 7/8"	SS-316	2	3"
SMO-004	2 1/2"	SS-316	3	4"
SMO-006	3 3/4"	SS-316	5	6"
SMO-008	5"	SS-316	7	8"



Example A:  
Used as Cable Hanger

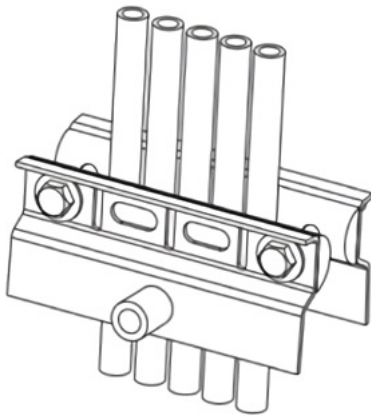


Example B:  
Used with Cable Tray

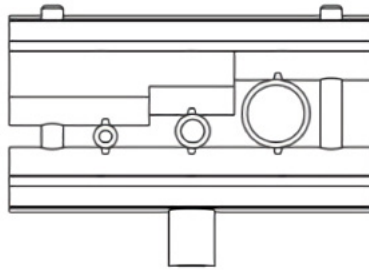


# SMO-TS & STS-MOD Applications

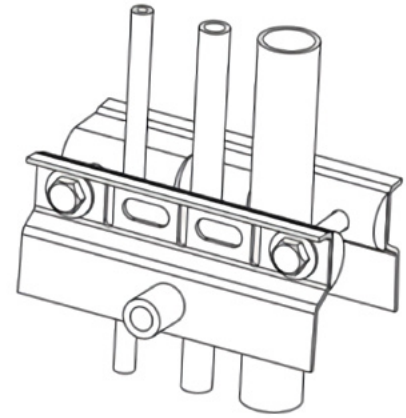
## SMO-TS & STS-MOD APPLICATIONS



SMO with STS



SMO with STS-TS



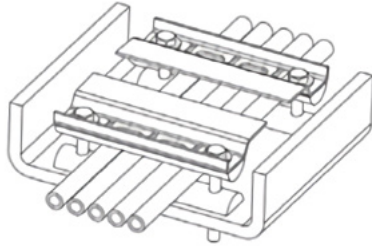
SMO with STS-TS

- Easily installed onto 3/8" or M10 diameter weld stud for running tubing to hydraulic & pneumatic equipment.
- May be used as support between long pneumatic tubing runs for support by using STS-TS-002" thru STS-TS-008" wide runs or up to 36" wide runs with flat bar or channel. Wider sections available as modified.
- High impact, non-corrosive thermoplastic (I-ROD/[www.stoprust.com](http://www.stoprust.com)) securely locks tubing of same or different diameters in place with no metal to metal contact, thus eliminating the possibility of pitting, corrosion or damage of metallic tubing.
- Specialty notches in I-ROD allow airflow between the surface of the tubing and base to eliminate condensation or moisture build up.
- Spacing of tube diameters of 1/8" to 1" diameter allowing multiple diameters of tubing to be installed on one support (STS-MOD).
- Thermoplastic material (I-ROD) proven and trusted in the offshore oil & gas industry since 1988.
- STS uses "I-ROD" specified by major oil companies including Shell, Chevron, Conoco Phillips, Sunoco, Exxon Mobil, Enbridge, Dow, Florida Gas, Southern Union Gas, Williams Pipeline, Imperial Oil, One OK, Valero, Kinder Morgan and more.
- SMO/SMO-TS shape (STS-stud or STS-tray) increases strength compared to standard flat bar configuration.

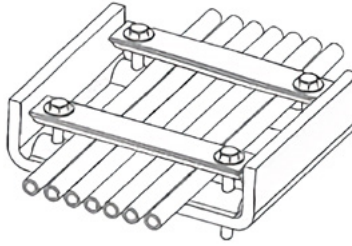


# STS Tray Applications with SMO-TS Flat Bar Support

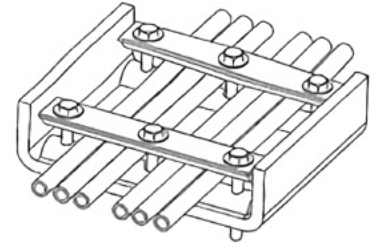
## STS TRAY APPLICATIONS WITH SMO-TS FLAT BAR SUPPORT



SMO-TS Top Support



Flat Bar Top Support



Flat Bar Top Support

- Easily installed into fiberglass/stainless steel tray or channel for running tubing to hydraulic & pneumatic equipment.
- Tubing runs for support by using STS-TS-002 thru STS-TS-008 wide runs or up to 36" wide runs with flat bar or channel (see next page).
- High impact, non-corrosive thermoplastic (I-ROD specifications page 11.8) securely locks tubing of same or different diameters in place with no metal-to-metal contact, thus eliminating the possibility of pitting, corrosion or damage of metallic tubing.
- Specialty notches in I-ROD allow airflow between the surface of the tubing and base to eliminate condensation or moisture build up.
- Spacing of tube diameters of 1/8" to 1 1/4" diameter allowing multiple diameters of tubing to be installed on one support.
- Thermoplastic material (I-ROD) proven and trusted in the offshore oil and gas industry since 1988.
- STS uses "I-ROD" specified by major oil companies including Shell, Chevron, ConocoPhillips, Sunoco, ExxonMobil, Enbridge, Dow, Florida Gas, Southern Union Gas, Williams Pipeline, Imperial Oil, Oneok, Valero, Kinder Morgan and more.
- For quantities and sizes of tubing allowed in specific tray widths, refer to STS Tray/No Tray Table (page15-11) for breakdown. Custom configurations such as multiple tubing diameters available upon request
- Specify inside width of tray/channel, number of tubes/diameters and direction of diameters left to right.
- Bolting positions determined by length of SMO/STS or total inches greater than 6" of STS material.



# STS Assembly Lengths

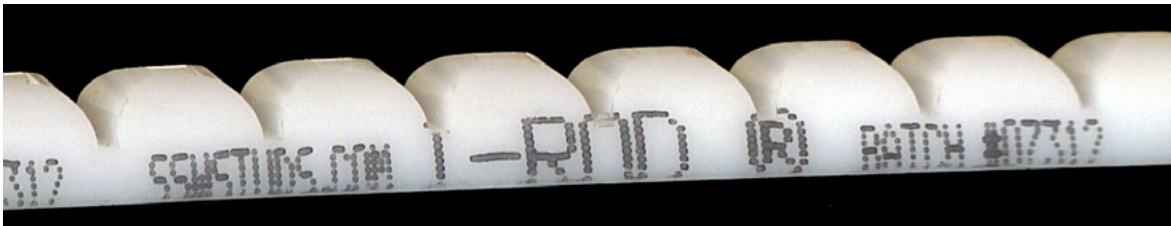
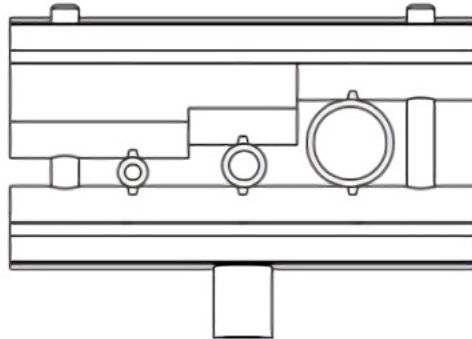
## STS ASSEMBLY LENGTHS

Maximum Number of Tubes in Relation to Length of Sunbelt Tubing Spacer								
Quantity/Length of Bolting Hardware/Sunbelt Multi Option Top Support (SMO-TS), Channel (CNL) or Flat Bar (FB)								
	.050" Centers thru 3/8" Diameter Tubing			1.0" Centers thru 1" Diameter Tubing				# Bolts
	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	1"	
STS-002	1	1	1	1	1	1	0	
1/4-20 X 2 1/2"								2
STS-003	3	3	3	2	2	2	1	
1/4-20 X 2 1/2"								2
STS-004	5	5	5	3	3	3	2	
1/4-20 X 2 1/2"								2
STS-006	7	7	7	5	5	5	3	
1/4-20 X 2 1/2"								2
STS-008	10	10	10	6	6	6	4	
1/4-20 X 2 1/2"								3
STS-010	14	14	14	8	8	8	5	
1/4-20 X 2 1/2"								3
STS-012	20	20	20	10	10	10	6	
1/4-20 X 2 1/2"								*Note
STS-018	27	27	27	15	15	15	9	
1/4-20 X 2 1/2"								*Note
STS-024	42	42	42	20	20	20	12	
1/4-20 X 2 1/2"								*Note
STS-30	54	54	54	25	25	25	15	
1/4-20 X 2 1/2"								*Note
STS-036	64	64	64	30	30	30	18	
1/4-20 X 2 1/2"								*Note
*Note: Bolt every 6 inches SS Flat Bar recommended for lengths over 6 inches 2 flat washers, 1 lock washer and 1 hex nut per bolt								
Optional Top Supports:			SMO-TS-002 thru SMO-TS-008 1/4" TH X 3/4" W X ____" LONG 316SS (SS) OR 5061 ALUM 1" W X 3/8" H X ____" LONG 316SS CHANNEL					

Configuration/Ordering Examples				
STS Length	Tube Size	Max Number of Tubes	Top Support Requested	Part# Configuration
STS-008	3/8"	10	SMO-TS-008	STS008X3/8X10XSMOTS008
STS-024	3/8"	42	24 CNL	STS024X3/8X42X24CNL
STS-030	3/8"	54	30SSFB	STSOEOX3/8X54X30SSFB
TS-MOD-024	1/4", 3/8"	20, 22	24CNL	STSMOD024X1/4203/822X24CNL
Above is "modified" for multiple tube diameters. Specify tubing diameters from left to right.				

# I-ROD™ Standard

## I-ROD™ STANDARD



### I-ROD™ Standard

Property Value	ASTM Test	Metric	Imperial
Density, 73OF (23O C)	D792	1.41 g/cm	0.0509lb/in3
Tensile Strength, 73OF (23O C)	D638	64.8 MPa	9,400 psi
Tensile Modulus of Elasticity, 73O F (23O C)	D638	2.62GPa	380 ksi
Elongation (at break), 73OF (23OC)	D638	30-60%	30-60%
Flexural Modules of Elasticity, 73OF (23OC)	D790	2.76GPa	400 ksi
Flexural Strength, 73OF (23OC)	D790	82.7MPa	13 ksi
Compressive Strength, 10% def, 73OF (23OC)	D695	103MPa	15 ksi
Coefficient of Friction (dry vs. steel)	N/A QTM 55007	.25	0.25
IZOD Impact (notched), 73OF (23OC)	D256	.534 J/cm	1 ft-lb/in notch
Hardness, Rockwell, 73OF (23OC) M/R	D785	88/120	88/120
Maximum Service Temperature	(Long Term)	83°C	181°F
Deformation Under Load	D621	1.0%	1.0%
Melting Point	D3418	168° C	329°F
Coefficient of Linear Expansion	E831	97.2 um/m/°C	54uin/in/°F
Heat Deflection Temperature, 265 psi	D648	220°F	220°F
Flammability Rating	VL94	HB	HB
Dielectric Strength, Short Term	D149	420V/mil	420V/mil



website [www.sunbeltstudwelding.com](http://www.sunbeltstudwelding.com) email [info@sunbeltstudwelding.com](mailto:info@sunbeltstudwelding.com)  
 6381 Windfern Road, Houston, TX 77040 telephone 1.800.462.9353 - Houston 713.939.8903 fax 713.939.9013



# Slotted Cable Hanger Application

## SLOTTED CABLE HANGER APPLICATION



A 3/8 diameter 316 SS weld stud, welded in the web and on the flanged edge of the beam. SMO/SBS-002 slotted cable hangers (316SS) are threaded onto the weld studs. This hanger has one slot and can accommodate two cables, which are secured to the cable hanger using banding. This application is versatile because the weld stud can be stud welded on narrow areas and on thin base material allowing the most efficient routing of electrical cable.

A 3/8 diameter 316 SS weld stud, welded to the structure. As shown in the photo, cable support systems can be easily attached to overhead or vertical surfaces. The studs were welded following procedures specified in American Welding Society's "Recommended Practices for Stud Welding". This results in a full penetration weld that develops the full strength of the fastener. The weld is as strong as the fastener and the parent metal. Also, you don't reduce the strength of the parent material because there are no holes. An SMO/SBS-002 slotted cable hanger is threaded on the stud. The electrical cable is secured to the hanger by use of a banding strap. This system allows cable to be routed in a safe, secure, and out of the way position underneath the traffic area.



A 3/8 diameter 316 SS weld stud, welded around the perimeter of the cellar deck. SMO/SBS-004 slotted cable hangers are threaded onto the weld studs. This cable hanger has 3 slots and allows up to 4 cables of different diameters to be secured without bunching. Slotted cable hangers are available that can accommodate up to 8 cables. This method of securing electrical cable has withstood the test of time, maintaining its integrity through vibration, corrosion, and incidental impact for the life of the rig.

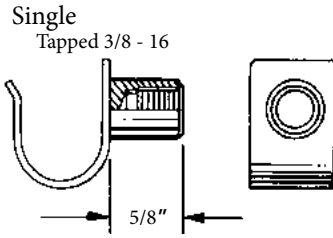
A 3/8 diameter 316 SS weld stud, welded inside the web of the beam. An SMO/SBS-004 SS cable hanger is threaded onto the stud and the electrical cable is secured using 316 SS banding. The result is a neat and easily maintained system. Cable can be added or removed without disturbing existing cables. Different size diameter cables can be attached because each cable is under dually supported. Useful for securing cable in the harshest environments, platform decks, control rooms, switchgear buildings, heldecks, and generation modules.



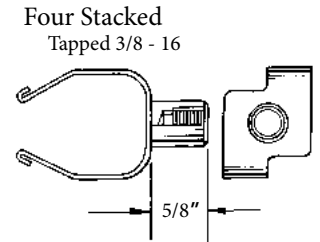
# Cable Hangers - Crimp Type

## CRIMP TYPE - TECHNICAL DETAILS

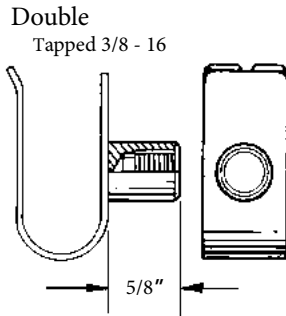
Catalog No.	Cable Diameter in inches From - To	
JCT 1020	.305	.371
JCT 1040	.375	.531
JCT 1051	.531	.680
JCT 1026	.437	.750
JCT 1027	.680	.900
JCT 1030	.750	1.000
JCT 1031	.900	1.224



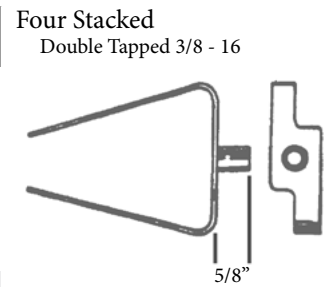
Catalog No.	Cable Diameter in inches
JCT 1181	.531



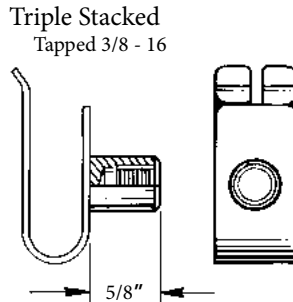
Catalog No.	Cable Diameter in inches From - To	
JCT 2001	.305	.371
JCT 1052	.375	.531
JCT 1162	.531	.680
JCT 2002	.437	.750
JCT 2003	.680	.900
JCT 2004	.750	1.000
JCT 2005	1.000	1.224



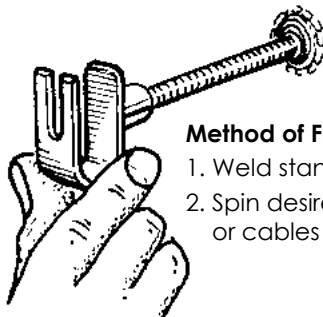
Catalog No.	Cable Diameter in inches
JCT 1041	.500
JCT 1042	1.000
JCT 1043	.750
JCT 1044	1.224
JCT 1045	.680



Catalog No.	Cable Diameter in inches From - To	
JCT 1170	.531	.531
JCT 1171	.325	.371



Cable Hangers are available in Mild Steel and Stainless Steel types 304 and 316.



### Method of Fastening

1. Weld standard 3/8" dia. stud to overhead deck or bulkhead.
2. Spin desired hanger (crimp, plate or tubular type) onto stud. Secure cable or cables by crimping hanger or banding, depending on type of hanger.

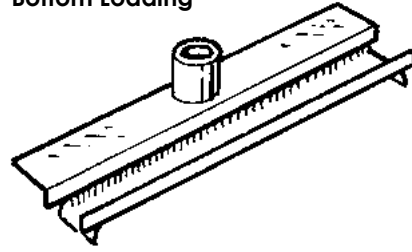


# Cable Hangers - Plate Type

## PLATE TYPE

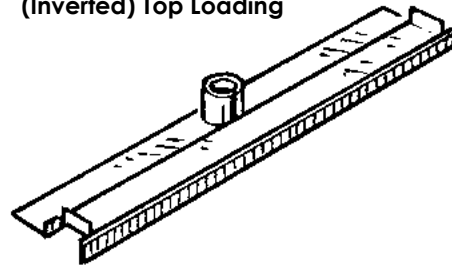
Catalog No.	Length-A in Inches
JPT I5002	2
JPT I5003	3
JPT I5004	4
JPT I5006	6
JPT I5008	8

Bottom Loading



Catalog No.	Length-A in Inches
JPT I6002	2
JPT I6003	3
JPT I6004	4
JPT I6006	6
JPT I6008	8

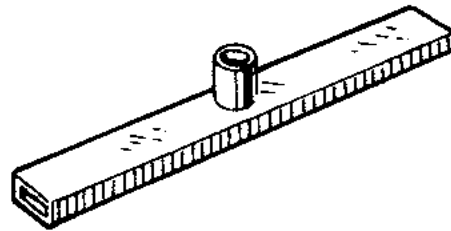
(Inverted) Top Loading



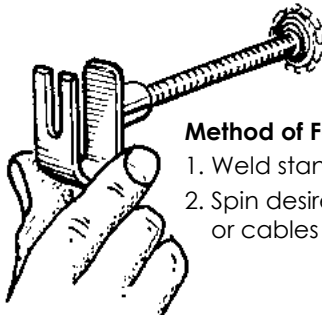
## TUBULAR TYPE

Catalog No.	Length-A in Inches
JTT 0150	1.50
JTT 0250	2.50
JTT 0350	3.50
JTT 0450	4.50
JTT 0550	5.50
JTT 0650	6.50
JTT 0750	7.50

7/8" x 3/8" Rectangular



Cable Hangers are available in Mill Steel and Stainless Steel types 304 and 316.



### Method of Fastening

1. Weld standard 3/8" dia. stud to overhead deck or bulkhead.
2. Spin desired hanger (crimp, plate or tubular type) onto stud. Secure cable or cables by crimping hanger or banding, depending on type of hanger.



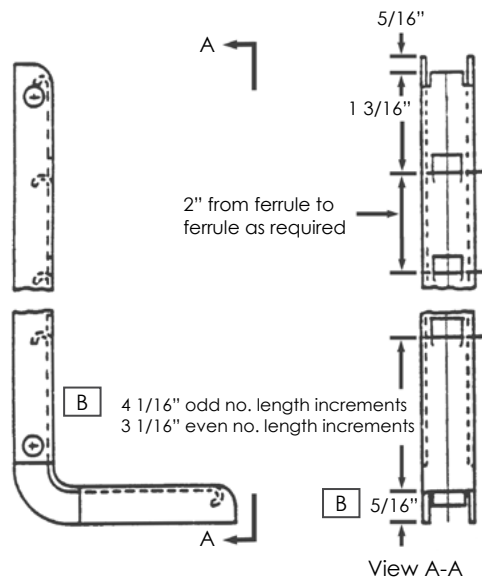
website [www.sunbeltstudwelding.com](http://www.sunbeltstudwelding.com) email [info@sunbeltstudwelding.com](mailto:info@sunbeltstudwelding.com)  
 6381 Windfern Road, Houston, TX 77040 telephone 1.800.462.9353 - Houston 713.939.8903 fax 713.939.9013

# Cable Hanger - Banding Type

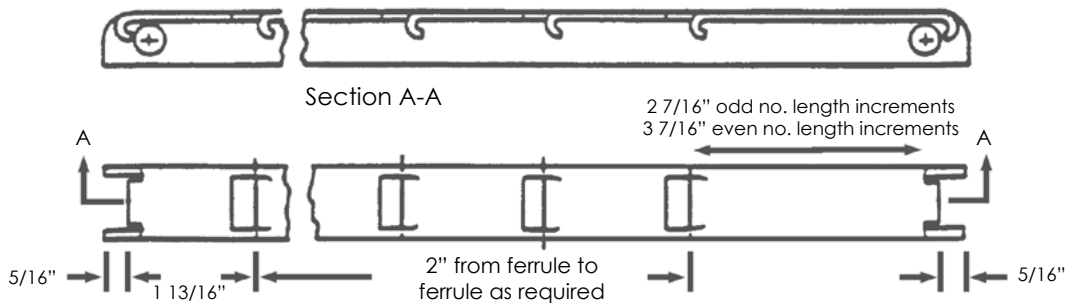
## CABLE HANGERS: BANDING-TYPE

### Shipbuiding/Offshore: Cable Hanger: Banding Type: Type 7: Stamped Ferrule Option

Note: Stamped Ferrule Dimensions Typical only.  
Complete 180 degrees arc required.



### Shipbuiding/Offshore: Cable Hangers Banding Type - Type 8: Stamped Ferrule Option



1. Also, all banding hangers, Types 2, 3, 7, 8, 19 and 20 can be manufactured in strict accordance with Buships DWG. 302-1716084.

2. All banding hanger ferrules, PC. NOS. 1361, 1362, 1363, and 1367 manufactured in strict accordance with Buships DWG. 9000-S6202-73980, section 1, sheet 36.

3. All banding hanger slotting is on 2" centers for types 7 and 8 and on 2" centers for types 2 and 3.

4. Finish:

- (a) banding hangers, types 2, 3, 7 and 8 - military yellow zinc chromate.
- (b) banding hangers, type 19 and 20 - zinc plated.

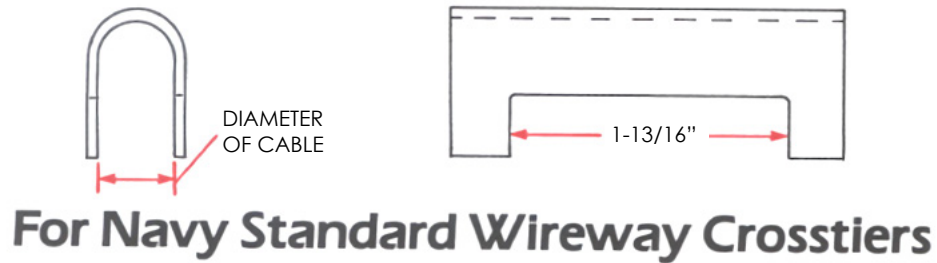
Note: Hanger accessory items shown on this page are commonly used for main and local wire way runs aboard submarines. However these items are not restricted to that end use.

All hangers are intended for use with standard 3/8" shouldered welding studs.

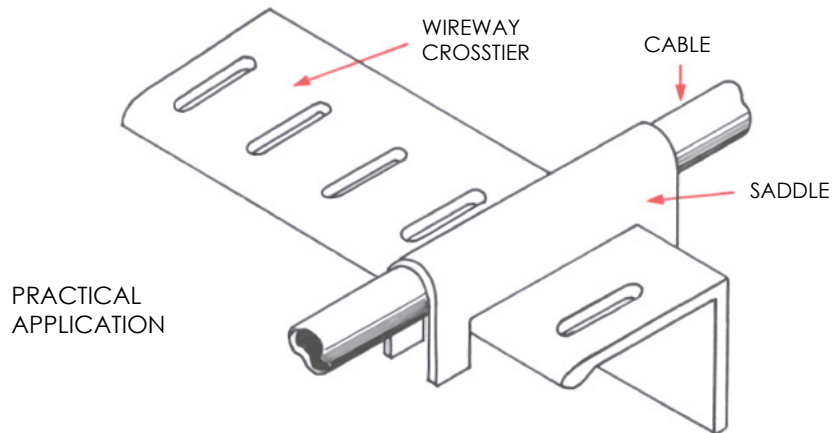


# Coaxial Cable Saddles

## COAXIAL CABLE SADDLES



**For Navy Standard Wireway Crosstiers**



Part Number Steel	Part Number Aluminum	Part Number Stainless	Number of Cables	Diameter of Cable
0125	0125S	0125SS	1	.25
0150	0150A	0150SS	1	.50
0175	0175A	0175SS	1	.75
0100	0100A	0100SS	1	1.00
01125	01125A	01125SS	1	1.25
0225	0225A	0225SS	2	.25
0250	0250A	0250SS	2	.50
0275	0275A	0275SS	2	.75
02100	02100A	02100SS	2	1.00
02125	02125A	02125SS	2	1.25
0325	0325A	0325SS	3	.25
0350	0350A	0350SS	3	.50
0375	0375A	0375SS	3	.75
03100	03100A	03100SS	3	1.00
03125	03125A	03125SS	3	1.25

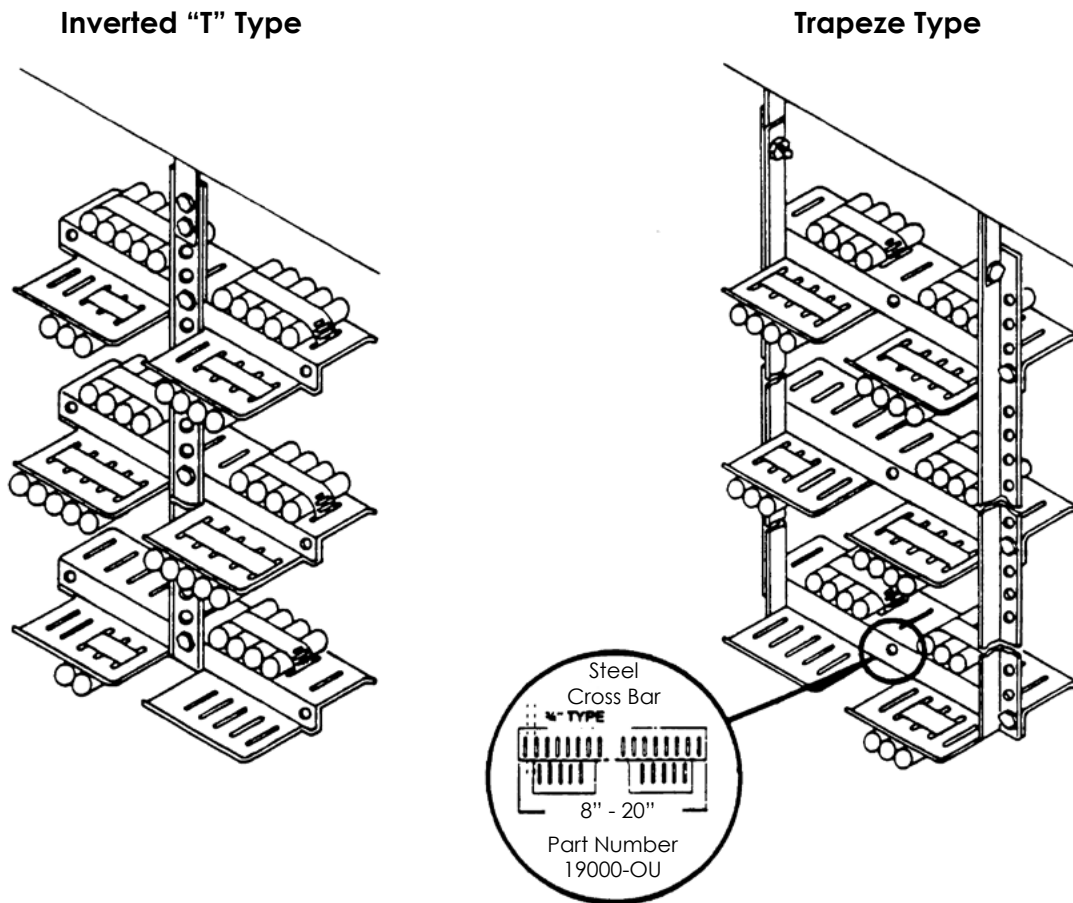


website [www.sunbeltstudwelding.com](http://www.sunbeltstudwelding.com) email [info@sunbeltstudwelding.com](mailto:info@sunbeltstudwelding.com)  
 6381 Windfern Road, Houston, TX 77040 telephone 1.800.462.9353 - Houston 713.939.8903 fax 713.939.9013

# Inverted "T" and Trapeze Hanger w/Over and Under Crossbars

## INVERTED "T" AND TRAPEZE HANGER W/OVER & UNDER CROSSBARS

### TYPICAL SHIPBOARD INSTALLATION



For applications where cable must be run through areas with limited overhead space, the over and under style system with over and under cross bars #19000-OU is available. It is identical to the #19000 cross bar, except that it has an extra tier to facilitate another layer of cable.

**The Inverted "T" & Trapeze Over and Under System** is available in high weldable grade steel and type 304 or 316 stainless steel.

**The Inverted "T" & Trapeze Over and Under System** conforms to the test arrangement criteria of Navships DWG. 9000-S6202-73980, section 1 sheet G and has been successfully tested to MIL-S-901C, Grade A, Class 1 shock, and MIL-STD-167-1, Type 1 (5-15 Hz) vibration.

**The Inverted "T" & Trapeze Over and Under System** is manufactured in complete accordance with the detail specifications outlined in Navships DWG. 9000-S6202-73980, with all banding slots in the cross bar having complete capability for use with standard banding methods or "Snaplock" cable clamps.

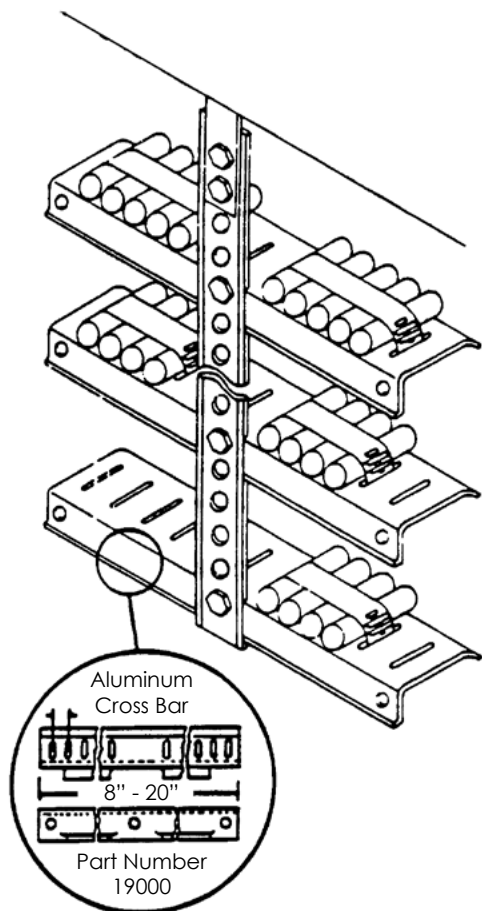


# Inverted "T" and Trapeze Hanger

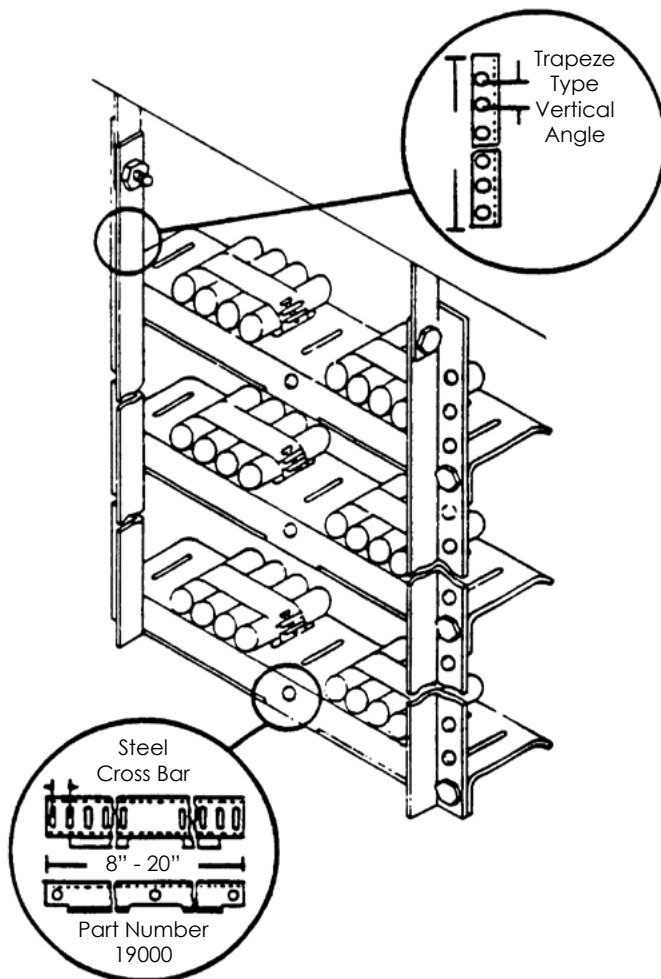
## INVERTED "T" AND TRAPEZE HANGER

### TYPICAL SHIPBOARD INSTALLATION

Inverted "T" Type



Trapeze Type



The Inverted "T" & Trapeze type system offers a combination of weight reduction, speedy installation, simplicity, versatility and monetary savings to an industry concerned with ways of reducing ship construction costs. As testimony to the above claims, this system is currently being used for supporting main cable runs aboard many navy and commercial marine vessels.

The Inverted "T" & Trapeze type system conforms to the test arrangement criteria of Navships DWG. 9000-S6202-73980, section 1, sheet G and has been successfully tested to MIL-S-901C (grade A shock), and MIL-STD-167, TY. I (vibration).

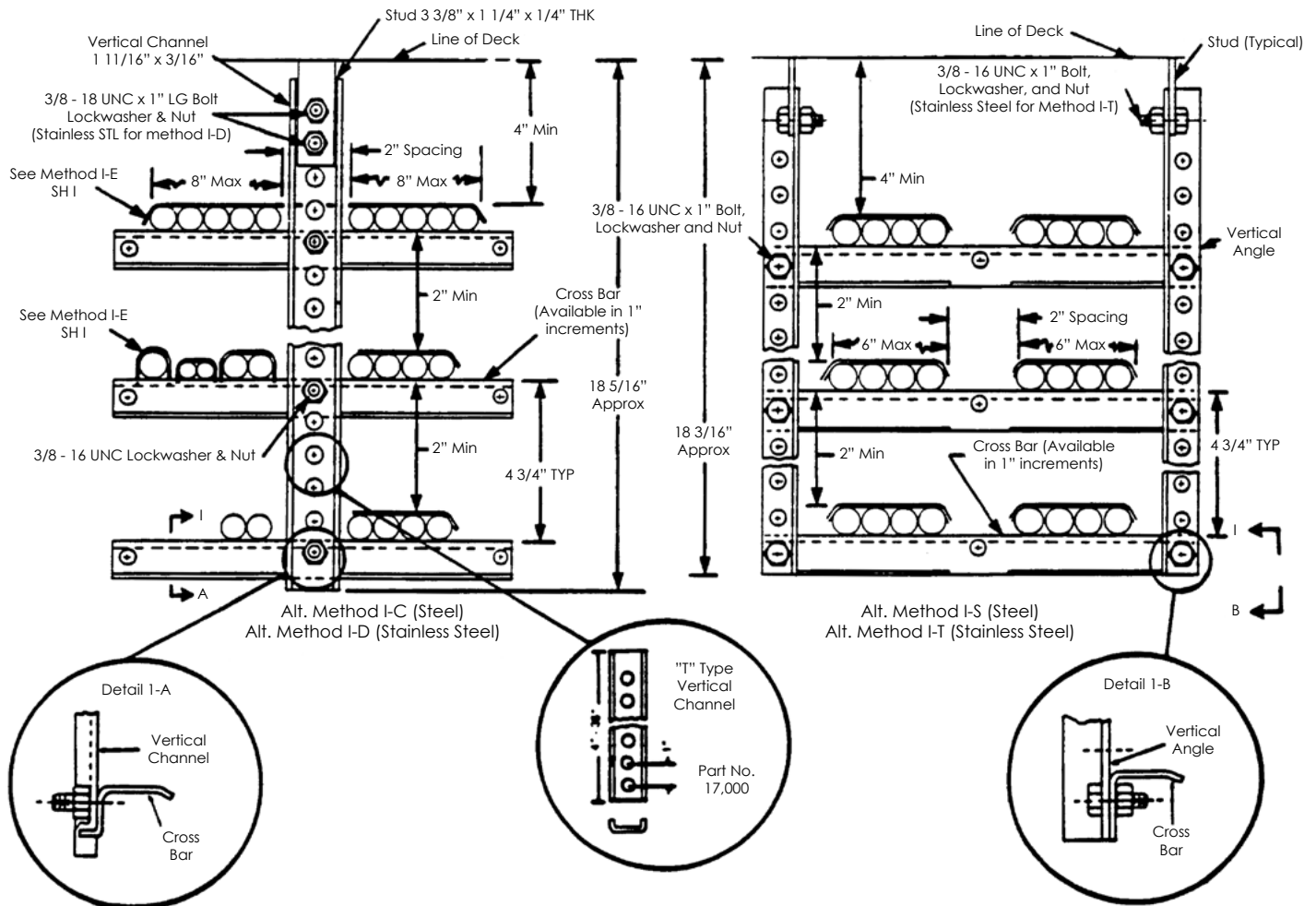
The Inverted "T" & Trapeze type system is manufactured in complete accordance with the detail specifications outlined in Navships DWG. 9000-S6202-73980, section 2, sheets 223, 224 & 225, with all banding slots in the cross tier having complete capability for use with the standard banding method or "snaplock" cable clamp.



# Inverted "T" and Trapeze Hanger

## INVERTED "T" AND TRAPEZE HANGER

### METHODS OF SUPPORTING CABLES



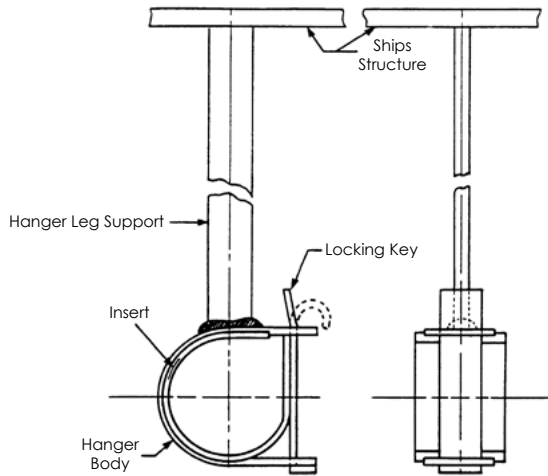
- All hanger components are available in high weldable grade steel, stainless steel & aluminum, with finish to customer's specification.
- All hangers can be supplied pre-assembled to the customer's exact loading and stacking requirements or unassembled.
- All hanger components can be assembled into one (1) to five (5) tier configurations ("T" or "Trapeze") utilizing standard 3/8-16 hardware (hex bolt, nut & lockwasher), allowing increments of adjustment between the cross-tiers of one (1") inch over the full length of the channel or angle leg support.
- The cross-tier is completely interchangeable and can be used for either the "T" or "Trapeze" style assembly.





# Pipe Hanger: "Key-Lock" Type

## PIPE HANGER: "KEY-LOCK" TYPE



### For 3/8" thru 4" IPS Pipe

#### Material Specifications

- Hanger Leg Support  
- Hot Rolled Steel (M1015)
- Hanger Body  
- Cold Rolled Steel (C1015-C1018)
- Locking Key  
- Cold Rolled Steel (C1015-C1018)
- Insert  
- Rubber (MIL-R-6855, CL2, 60 DURO)
- Finish  
- Yellow Zinc Chromate (STD)  
- Special finish to customer requirements also available

### Pipe Hanger

Assembly Number	Nominal (inches) IPS	Leg Support Length	Assembly Number	Nominal (inches) IPS	Leg Support Length	Assembly Number	Nominal (inches) IPS	Leg Support Length
1200-04	3/8"	4"	1203-04	1"	4"	1206-04	2"	4"
1200-08		8"	1203-08		8"	1206-08		8"
1200-12		12"	1203-12		12"	1206-12		12"
1200-16		16"	1203-16		16"	1206-16		16"
1200-18		18"	1203-18		18"	1206-18		18"
1201-04	1/2"	4"	1204-04	1 1/4"	4"	1207-04	2 1/2"	4"
1201-08		8"	1204-08		8"	1207-08		8"
1201-12		12"	1204-12		12"	1207-12		12"
1201-16		16"	1204-16		16"	1207-16		16"
1201-18		18"	1204-18		18"			
1202-04	3/4"	4"	1205-04	1 1/2"	4"	1208-04	3"	4"
1202-08		8"	1205-08		8"	1208-08		8"
1202-12		12"	1205-12		12"	1208-12		12"
1202-16		16"	1205-16		16"	1208-16		16"
1202-18		18"	1205-18		18"			
						1209-04	3 1/2"	4"
						1209-08		8"
						1209-12		12"
						1200-04	4"	4"
						1200-08		8"
						1200-12		12"

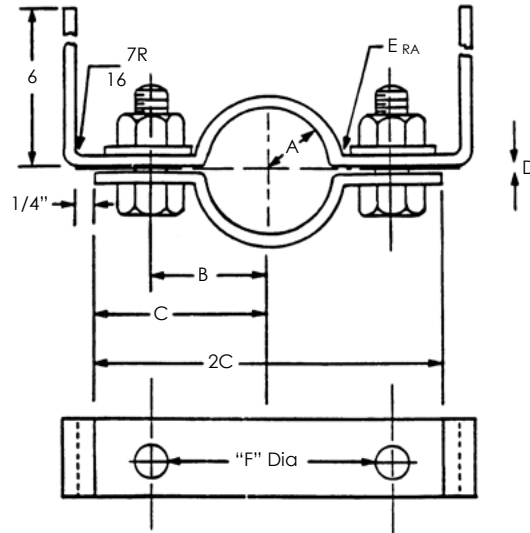
Navy and Commercial Marine Approved



website [www.sunbeltstudwelding.com](http://www.sunbeltstudwelding.com) email [info@sunbeltstudwelding.com](mailto:info@sunbeltstudwelding.com)  
 6381 Windfern Road, Houston, TX 77040 telephone 1.800.462.9353 - Houston 713.939.8903 fax 713.939.9013

# Pipe Hanger: Shipboard Pipe Hanger Type III

## PIPE HANGER: SHIPBOARD PIPE HANGER TYPE III



Pipe Hanger							
Pipe Size I.P.S.	A	B	C	D	E	F	Flat Bar Size
1/4	13/32	1-1/8	1-5/8	1-16	13/32	3/8	1 x 1/8
3/8	15/32	1-1/4	1-3/4	1-16	13/32	3/8	1 x 1/8
1/2	35/64	1-5/16	1-13/16	1-16	13/32	3/8	1 x 1/8
3/4	21/32	1-7/16	1-15/16	1-16	13/32	3/8	1 x 3/16
1	25/32	1-9/16	2-1/16	1-16	13/32	3/8	1 x 3/16
1-1/4	61/64	1-15/16	2-1/2	1-16	13/32	3/8	1 x 3/16
1-1/2	1-5/64	2-1/16	2-5/8	1-16	13/32	3/8	1 x 3/16
2	1-5/16	2-5/16	2-7/8	1-16	13/32	1/2	1 x 3/16
2-1/2	1-9/16	2-9/16	3-1/8	1-16	13/32	1/2	1 x 1/4
3	1-7/8	3-1/8	3-15/16	1-16	13/32	1/2	1 x 1/4
3-1/2	2-1/8	3-5/16	4-3/16	1-16	13/32	1/2	1 x 1/4
4	2-3/8	4-1/8	5	1-16	13/32	1/2	1 x 1/4

<b>Material</b>	Steel ASTM-A36
<b>Finish</b>	Galvanized when called for. DWG 53711, 810-1385781 Rev. D.

### Also, pipe hangers in accordance with:

NAVSHIPS DWG. #845-2445497

BUSHIPS DWG. #5000-S4823-1385782

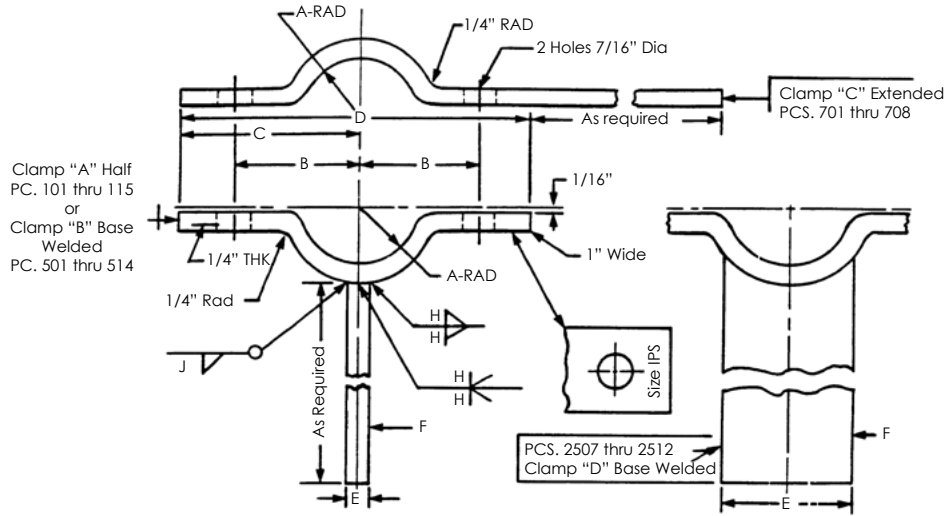
BUSHIPS DWG. #845-1889878 & #845-1889880



website [www.sunbeltstudwelding.com](http://www.sunbeltstudwelding.com) email [info@sunbeltstudwelding.com](mailto:info@sunbeltstudwelding.com)  
 6381 Windfern Road, Houston, TX 77040 telephone 1.800.462.9353 - Houston 713.939.8903 fax 713.939.9013

# Pipe Hanger: Clip Type, Welded Type, Extended Type

## PIPE HANGER: CLIP TYPE, WELDED TYPE, EXTENDED TYPE



### Pipe Hanger

Nom IPS Size	Pipe Clamp Type & Part Number				Notes: 1. Clamps available with plain painted (yellow zinc chromate) or galvanized finish 2. Ref. Dwg. Buships No. 845-2069186 3. Material: Steel, ASTM-A36 or equal							
	A	B	C	D	A	B	C	D	E	F	H	J
1/4"	101	501	701	-	17/32"	1 1/4"	1 7/8"	3 3/4"	1/4"	1"	3/16"	-
3/8"	102	502	702	-	19/32"	1 3/8"	2"	4"	1/4"	1"	3/16"	-
1/2"	103	503	703	-	11/16"	1 7/6"	2 1/16"	4 1/8"	1/4"	1"	3/16"	-
3/4"	104	504	704	-	25/32"	1 9/16"	2 3/16"	4 3/8"	1/4"	1"	3/16"	-
1"	105	505	705	-	29/32"	1 11/16"	2 5/16"	4 5/8"	1/4"	1"	3/16"	-
1 1/4"	106	506	706	-	1 3/32"	1 7/8"	2 1/2"	5"	3/8"	1"	1/4"	-
1 1/2"	107	507	707	-	1 7/32"	2 1/16"	2 11/16"	5 3/8"	3/8"	1"	1/4"	-
2"	108	508	708	-	1 7/16"	2 9/32"	2 29/32"	5 13/16"	3/8"	1"	1/4"	-
2 1/2"	103	509	-	-	1 11/16"	2 17/32"	2 5/32"	6 5/16"	3/8"	1"	1/4"	-
3"	110	510	-	-	2"	2 27/32"	3 15/32"	6 15/16"	3/8"	1"	1/4"	-
3 1/2"	111	511	-	-	2 1/4"	3 1/8"	3 3/4"	7 1/2"	3/8"	1"	1/4"	-
4"	112	512	-	-	2 1/2"	3 11/32"	3 31/32"	7 15/16"	1/2"	1"	5/16"	-
5"	113	513	-	-	3 1/32"	3 29/32"	4 17/32"	9 1/16"	1/2"	1"	5/16"	-
6"	114	514	-	-	3 9/16"	4 7/16"	5 1/16"	10 1/8"	1/2"	1"	5/16"	-
8"	115	-	-	-	4 9/16"	5 15/32"	6 3/32"	12 3/16"	-	-	-	-
1 1/2"	-	-	-	2507	1 7/32"	2 1/16"	2 11/16"	5 3/8"	1 1/2"	1/2"	-	5/16"
2"	-	-	-	2508	1 7/16"	2 9/32"	2 29/32"	5 13/16"	1 1/2"	1/2"	-	5/16"
2 1/2"	-	-	-	2509	1 11/16"	2 17/32"	3 5/32"	6 5/16"	1 1/2"	1/2"	-	5/16"
3"	-	-	-	2510	2"	1 27/32"	3 15/32"	6 15/16"	1 1/2"	1/2"	-	5/16"
3 1/2"	-	-	-	2511	2 1/4"	3 1/8"	3 3/4"	7 1/8"	1 1/2"	1/2"	-	5/16"
4"	-	-	-	2512	2 1/2"	3 11/32"	3 31/32"	7 15/16"	1 1/2"	1/2"	-	5/16"



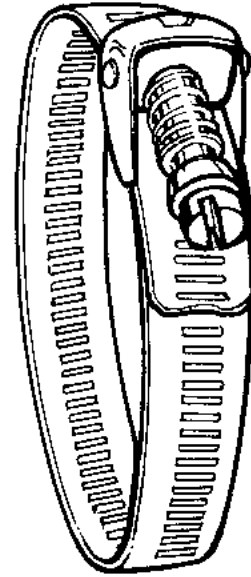
website [www.sunbeltstudwelding.com](http://www.sunbeltstudwelding.com) email [info@sunbeltstudwelding.com](mailto:info@sunbeltstudwelding.com)  
 6381 Windfern Road, Houston, TX 77040 telephone 1.800.462.9353 - Houston 713.939.8903 fax 713.939.9013

# JWC & JSC - Cable Clamps - Specifications

## JWC & JSC - CABLE CLAMPS - TECHNICAL DETAILS

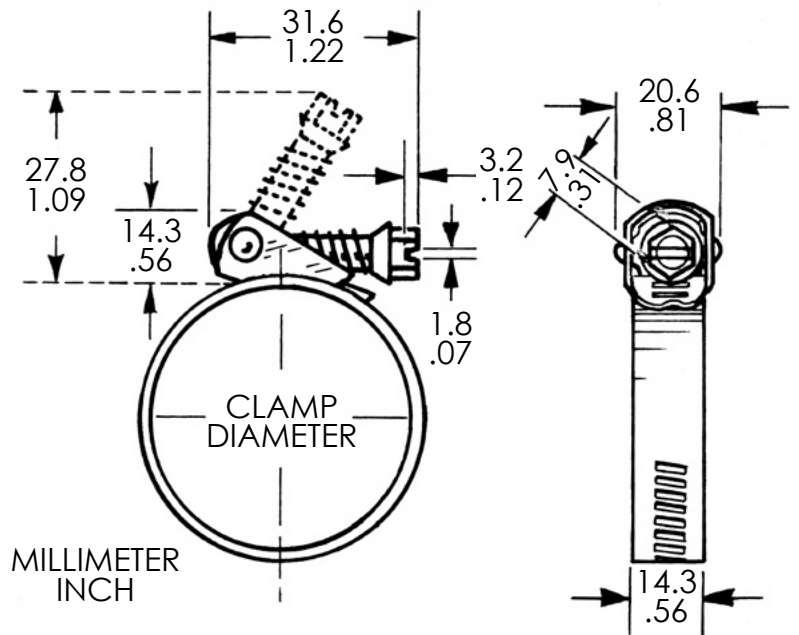
The Swivel-action locking of screw to band make Snaplock a truly versatile clamp. Snaplock is quickly opened or closed. The quick release feature of Snaplock allows the addition and removal of cables with simple ease and eliminates the "hay-wiring" and "tie-wrapping" done during the initial stages of cable pulling. Snaplock is reusable as opposed to the old method of cable banding.

Swivel Action Worm Drive - JWC



Reference Number	Max. Clamp Diameter	Clamp Length
<b>Full Notching Type JWC</b>		
5612	1.250	4
5620	1.750	5.5
5628	2.250	7
5636	2.750	8.5
5648	3.500	11
5656	4.000	12.5
5672	5.120	16
5688	6.000	18.5
56104	7.120	22
56128	8.620	27
56152	10.000	31.5
56188	12.250	38
56258	15.750	50
<b>Limited Notching Type JSC</b>		
5836	6.000	19.75
5837	7.120	23.125
5838	8.620	28
5839	10.000	31.875
5840	12.000	36
5841	13.000	40
5843	15.000	46

Standard Snaplock - JSC  
1/16" hex head screw



Note, the band and housing are 300 Stainless steel. The 5/16" hex head, slotted screw is mild steel, zinc plated.

