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Pipe Hangers & Support Systems

Anti Vibration Systems



FIRST AND ONLY COMPANY FROM INDIA TO
HAVE **UL AND FM** APPROVALS FOR PIPE
HANGERS AND SUPPORT SYSTEMS

Certificates





INTRODUCTION

Saketh Exim is a manufacturer and fabricator of metal products used in pipe support systems HVAC anti vibration systems and equipment for industrial, residential, commercial, utility, and OEM installation. **Saketh** is proud of the exacting standards of research, design, engineering, and manufacturing that go into each and every product that comprise our pipe hanger product line. Our customers have access to the most complete support systems offered in the industry, including pipe hangers, metal framing, cable tray, slotted angle, fasteners, Rubber support inserts, threaded bars and anchors.

Saketh's products are listed by **Underwriter's Laboratory Inc. and FM Global approved for fire sprinkler system installations**. All Saketh products are manufactured to meet or exceed industry standards set for their design and manufacture.

Saketh products are produced in five advanced and technologically most advanced modern plants. These facilities are located in **financial capital Mumbai India**. Regional sales and distribution centre in United States, Gulf, ASIAN countries stocking standard **products under brand name TEMBO SEVEN STAR / ETALIA for quick service and delivery**.

This WEB SITE is designed to be helpful to engineers and contractors in the application and selection of pipe hangers, supports, and HVAC for construction and maintenance.

If a unique application requires a special product not included in this website, Saketh engineering personnel are ready to furnish design consultation and realistic material estimates. In addition, sales representatives with engineering expertise are located throughout the United States, gulf, and Asian countries through its net work of distributors for your convenience.

NOTICE

Saketh reserves the right to change the specification, materials, prices or the availability of products at any time without prior notice. While every effort has been made to assure the accuracy of information contained in this catalog at the time of publication, Saketh is not responsible for inaccuracies resulting from undetected errors or omissions.

TECHNICAL DATA

MATERIALS

Carbon Steel

Carbon steel is used in the manufacture of Saketh pipe hangers and supports. Excellent strength characteristics and adaptability to cold forming provide a well engineered design. By cold forming the steel, mechanical properties are increased, adding to the structural integrity of the fabricated hanger.

Stainless Steel

AISI Type 304 and Type 316 are non-magnetic members of the austenitic stainless steel group.

Several conditions make the use of stainless steel ideal. These include reducing long term maintenance costs, high ambient temperatures, appearance, and stable structural properties such as yield strength, and high creep resistance.



CORROSION

All metal surfaces exposed to the environment are affected by corrosion. Depending on the physical properties of the metal and its proximity to other dissimilar metals, an electrochemical reaction may occur which causes an attack on the metal itself, resulting in corrosion. Chemical corrosion is limited to highly corrosive environments, high temperatures, or a combination of both.

FINISHES

Zinc Coatings

Protective zinc coatings are available on a number of pipe hangers and accessories in three basic forms:

Electro-galvanized, pre-galvanized, and hot-dip galvanized after fabrication. In all cases, the zinc protects the steel first as a sacrificial anode to repair bare areas on cut edges and gouges.

When exposed to air and moisture, zinc forms a tough, adherent protective film consisting of a mixture of zinc oxides, hydroxides, and carbonates. The corrosion resistance of zinc is directly related to its thickness and the environment. For example a 0.2 mil (5 μm) coating will last twice as long as a 0.1 mil (2.5 μm) coating in the same environment.

Electro-Galvanized

(ASTM B633 SC1 or SC3)

An electro-galvanized process deposits a coating of zinc on the steel by electrolysis from a bath of zinc salts. This coating is pure zinc and adheres to the steel with a molecular bond. A maximum of 0.5 mils (12.7 μm) of zinc can be applied by this method. This coating is recommended for in-door use in relatively dry areas.

Pre-Galvanized Zinc

(ASTM A653 Coating Designation G90)

Pre-galvanized zinc is produced by continuously rolling the steel coils or sheets through molten zinc at the steel mills. This is also known as "mill galvanized" or "hot-dipped mill galvanized". Coils are then slit to size for fabrication of pipe hangers. Coating thicknesses of G90, is 0.90 ounces per square foot (0.27 kg/m²) of steel surface.



Protection of cut edges with zinc coatings.

Cut edges and welded areas are not zinc coated; however, zinc near the uncoated metal becomes a sacrificial anode which protects the bare areas after a short period of time. Pre-galvanized steel is not generally recommended for use outdoors in industrial environments, but is suitable for extended exposure in dry or mildly corrosive atmospheres.

Hot-Dip Galvanized After Fabrication (ASTM A123)

After a pipe hanger or fitting has been fabricated, it is completely immersed in a bath of molten zinc. A metallurgical bond is formed, resulting in a zinc coating that completely coats all surfaces, including edges. Zinc coatings of this specification have a minimum thickness of 1.50 ounces per square foot (0.45 kg/m²) on each side or a total of 3.0 ounces per square foot (0.9 kg/m²) of steel.

Hot-dip galvanized after fabrication is recommended for outdoor exposure. For best results, a zinc rich paint (available from B-Line) should be applied to field cuts. The zinc rich paint will provide immediate protection for field cuts and eliminate the short time period for galvanic action to "heal" the damaged coating.

Plastic Coating

Some products offered by Saketh are plastic or vinyl coated for prevention of galvanic reaction between materials or for noise reduction. These coated products can also be used where contact between glass pipe and hanger is not desirable. Felt lined hangers may be substituted for same purpose.

Red Primer

A corrosion resistant metal primer containing rust inhibitive pigments.

Quality Assurance

Saketh's Quality Assurance Program has been developed and implemented for compliance to various industry standards and specifications.

General

Torque

The torque values in this catalog are to be used as a guide only. The relationship between the applied torque or torque wrench reading and the actual tension created in the bolt may be substantially different. Important factors affecting torque-tension relationships include friction under the bolt head or nut, hole tolerances, and torque wrench tolerances. Accuracy of many commercial torque wrenches may vary as much as plus or minus 25%.

Charts and Tables

Charts and tables in this section are compiled from information published by nationally recognized organizations and are intended for use as a guide only. Saketh recommends that users of this information determine the validity of such information as applied to their own applications.

Saketh reserves the right to make specification changes without notice.

SECTION 15140 - PIPE HANGERS AND SUPPORTS

Part I – GENERAL

1.01 SECTION INCLUDES

- A. The work covered under this section consists of the furnishing of all necessary labor, supervision, materials, equipment, and services to completely execute the pipe hanger and supports as described in this specification.

1.02 REFERENCES

- A. ASTM B633 - Specification for Electrodeposited Coatings of Zinc on Iron and Steel.
- B. ASTM A123 - Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products.
- C. ASTM A653 - Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
- D. ASTM A1011 - Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, and High-Strength Low-Alloy with Improved Formability.
- E. ANSI/MSS SP-58 - Manufacturers Standardization Society: Pipe Hangers and Supports - Materials, Design, and Manufacture.
- F. ANSI/MSS SP-69 - Manufacturers Standardization Society: Pipe Hangers and Supports - Selection and Application.
- G. NFPA 13 - Installation of Sprinkler Systems.

1.03 QUALITY ASSURANCE

- A. Hangers and supports used in fire protection piping systems shall be listed and labeled by Underwriters Laboratories FM APPROVALS.
- B. Steel pipe hangers and supports shall have the manufacturer's BRAND name Tembo Sevenstar / Etalia, and applicable size stamped in the part itself for identification.
- C. Hangers and supports shall be designed and manufactured in conformance with ANSI/MSS SP-58.
- D. Supports for sprinkler piping shall be in conformance with NFPA 13.

1.04 SUBMITTALS

- A. Submit product data on all hanger and support devices, including shields and attachment methods. Product data to include, but not limited to materials, finishes, approvals, load ratings, and dimensional information.

Part II – PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

- A. Manufacturer: Subject to compliance with these specifications, pipe hanger and support systems shall be as manufactured by Saketh Exim Pvt. Ltd.

2.02 PIPE HANGERS AND SUPPORTS

A. HANGERS

1. Uninsulated pipes 2 inches and smaller:
 - a. Sprinkler Hanger.
 - b. Pipe Hanger.
 - c. Clevis Hanger.

B. VERTICAL SUPPORTS

1. Steel Riser Clamp sized to fit outside diameter of pipe.

C. COPPER TUBING SUPPORTS

1. Hangers shall be sized to fit copper tubing outside diameters.
 - a. Sprinkler Hanger.
 - b. Pipe Hanger.
 - c. Clevis Hanger.

D. SUPPLEMENTARY STRUCTURAL SUPPORTS

1. Design and fabricate supports using structural quality steel bolted framing materials as manufactured by Saketh. Channels shall be roll formed, 12 gauge ASTM A1011 SS Grade 33 steel, 15/8" x 15/8" or greater as required by loading conditions. Submit designs for pipe tunnels, pipe galleries, etc., to engineer for approval. Use clamps and fittings designed for use with the strut system.

2.04 UPPER ATTACHMENTS

A. BEAM CLAMPS

1. Beam clamps shall be used where piping is to be suspended from building steel. Clamp type shall be selected on the basis of load to be supported, and load configuration.
2. C-Clamps shall have locknuts and cup point set screws.
3. Center loaded beam clamps shall be used where specified.

B. CONCRETE INSERTS

1. Cast in place spot concrete inserts shall be used where applicable; either steel or malleable iron body. Spot inserts shall allow for lateral adjustment and have means for attachment to forms. Select insert nuts to suit threaded hanger rod sizes.
2. Continuous concrete inserts shall be used where applicable. Channels shall be 12 gauge, ASTM A 1011 SS Grade 33 structural quality carbon steel, complete with Styrofoam inserts and end caps with nail holes for attachment to forms. The continuous concrete insert shall have a load rating of 2,000 lbs/ft. suitable for strut and rod sizes.

2.05 VIBRATION ISOLATION AND SUPPORTS

- A. For refrigeration, air conditioning, hydraulic, pneumatic, and other vibrating system applications, uses a clamp that has a vibration dampening insert and a nylon inserted locknut.
- B. For larger tubing or piping subjected to vibration, use neoprene or spring hangers as required.
- C. For base mounted equipment use vibration pads, molded neoprene mounts, or spring mounts as required.
- D. Vibration isolation products are manufactured by Saketh Exim Pvt. Ltd.

2.06 ACCESSORIES

- A. Hanger rods shall be threaded both ends. Or continuous threaded rods of circular cross section. Use adjusting locknuts at upper attachments and hangers.
No wire, chain, or perforated straps are allowed.
- B. Shields shall be 180° galvanized sheet metal, 12 inch minimum length, 18 gauge minimum thickness, designed to match outside diameter of the insulated pipe.
- C. Pipe protection saddles shall be formed from carbon steel, 1/8 inch minimum thickness, sized for insulation thickness. Saddles for pipe sizes greater than 12 inch shall have a center support rib.

2.07 FINISHES

INDOOR FINISHES

- A. Hangers and clamps for support of bare copper piping shall be coated with copper colored epoxy paint. Additionally a plastic coating or a felt lining in hanger can be used.
- B. Hangers for other than bare copper pipe shall be zinc plated in accordance with ASTM B633-SC3.
- C. Strut channels shall be pre-galvanized in accordance with ASTM A653 G90 or have an electro-deposited green epoxy finish.

OUTDOOR AND CORROSIVE AREA FINISHES

- D. Hangers and strut located outdoors shall be hot dip galvanized after fabrication in accordance with ASTM A123. All hanger hardware shall be hot-dip galvanized or stainless steel. Zinc plated hardware is not acceptable for outdoor or corrosive use.
- E. Hangers and strut located in corrosive areas shall be Type 304 (316) stainless steel with stainless steel hardware.

CLEVIS HANGER

APPLICATION:

A CLEVIS HANGER provides for sizeable loads to be supported and for an elevation adjustment depending upon the pipe diameter. The lower nut adjusts the piping to the proper elevation and the upper nut, when locked into position, prevents loosening due to vibration.

CONSTRUCTION:

A CLEVIS HANGER consists of a yoke and a support strap made from shaped carbon steel strip and a joining bolt. 15° swing in either direction allows pipe to easily feed through. Pipe will not pinch when installing. Engineered design aligns bolt holes for quicker overhead installation.

MATERIAL:

Carbon Steel. Also other materials can also be provided on request

APPROVALS:

Underwriter's Laboratory (UL)

Factory Mutual's (FM)

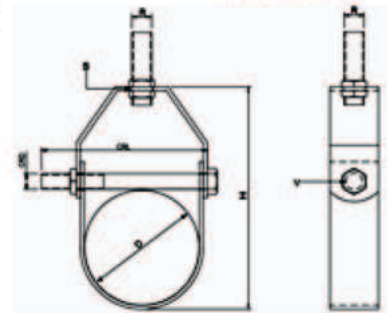
Manufacturers Standardization Society ANSI/MSS SP-69 & SP-58 (Type 1)

Federal Specification WW-H-171E & A-A-1192A (Type 1)

MAXIMUM TEMPERATURE: 343°C (650°F)

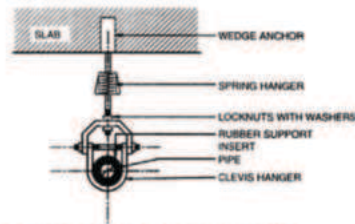
FINISH AVAILABLE:

Plain, Hot Dip Galvanized, Electro-Galvanized.

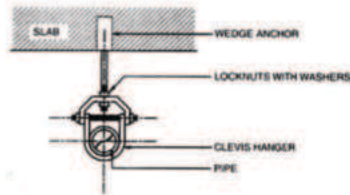


Product Code	Pipe Size		Material Dimension (mm)		Hanger Rod Size (mm) R	Cross Bolt Dia. X Length (CRD)
	Size (inch)	Outer Dia. (mm) D	Height H	Top Hole Dia. S		
SE-CH- 0.5	½"	22	68	11	M10	M8
SE-CH- 0.75	¾"	27	72	11	M10	M8
SE-CH- 01	1"	34	76	11	M10	M8
SE-CH- 1.25	1 ¼"	42	87	11	M10	M8
SE-CH- 1.5	1 ½"	48	97	11	M10	M8
SE-CH- 02	2"	60	114	11	M10	M8
SE-CH- 2.5	2 ½"	73	142	13	M12	M10
SE-CH- 03	3"	89	165	13	M12	M10
SE-CH- 04	4"	115	202	13	M12	M10
SE-CH- 05	5"	140	236	13	M12	M12
SE-CH- 06	6"	168	278	13	M12	M12
SE-CH- 08	8"	219	338	13	M12	M12
SE-CH- 10	10"	273	419	17	M16	M16
SE-CH- 12	12"	323	490	21	M20	M20
SE-CH- 14	14"	356	556	21	M20	M20
SE-CH- 16	16"	406	610	25	M24	M20
SE-CH- 18	18"	457	675	25	M24	M24
SE-CH- 20	20"	508	715	32	M30	M24
SE-CH- 14	24"	610	850	32	M30	M24
SE-CH- 30	30"	762	995	32	M30	M24

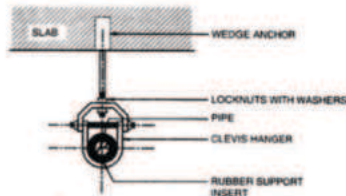
INSTALLATION INSTRUCTION



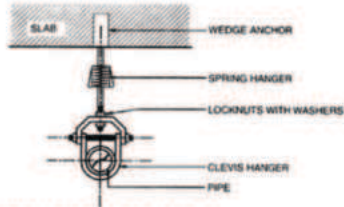
INSTALLATION OF STEEL PIPES USING CLEVIS HANGER AND SPRING HANGER FOR VIBRATION ISOLATION APPLICATIONS.



INSTALLATION OF STEEL PIPE USING CLEVIS HANGER



INSTALLATION OF INSULATED PIPES USING CLEVIS HANGER AND RUBBER SUPPORT INSERTS.



INSTALLATION OF STEEL PIPES USING CLEVIS HANGER AND SPRING HANGER

TESTING OF PRODUCT



SPRINKLER HANGER

APPLICATION:

A SPRINKLER HANGER recommended to provide vertical support to non insulated piping systems. By adjusting the position of the sprinkler nut on the hanger rod at the top of the hanger, pipe elevation can be altered.

CONSTRUCTION:

A SPRINKLER HANGER consists of a piece of carbon steel shaped to support pipe. Gives Double thickness at the support. Most suitable for fire extinguishing pipes installation.

MATERIAL:

Carbon Steel. Also other materials can also be provided on request

MAXIMUM TEMPERATURE:

343°C (650°F)

APPROVALS:

Underwriter's Laboratories (UL)

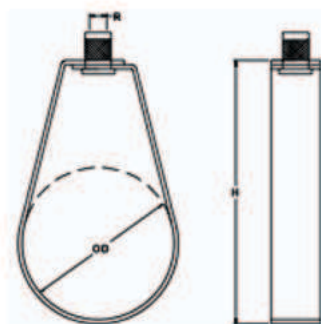
Factory Mutual Approved (FM)

Manufacturers Standardization Society ANSI/MSS SP-69 & SP-58 (Type10)

Federal Specification WW-H-171E & A-A-1192A (Type 10)

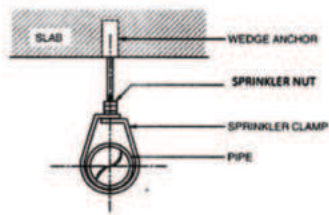
FINISH AVAILABLE:

Plain, Hot Dip Galvanized, Electro-Galvanized.



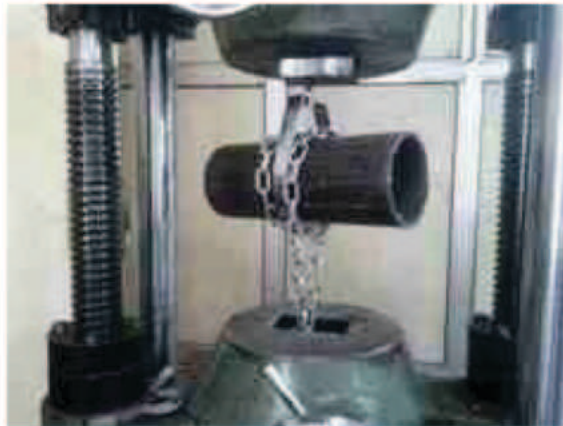
Product Code	Pipe Size		Height H	Hanger Rod Size (mm) R
	Size (inch)	Outer Dia. (mm) D		
SE-SH – 0.75	3/4"	27	61	M10
SE-SH – 01	1"	34	70	M10
SE-SH – 1.25	1 1/4"	42	78	M10
SE-SH – 1.5	1 1/2"	48	84	M10
SE-SH – 02	2"	60	102	M10
SE-SH – 2.5	2 1/2"	73	118	M10
SE-SH – 03	3"	89	144	M10
SE-SH – 04	4"	115	176	M10
SE-SH – 06	6"	168	262	M12
SE-SH – 08	8"	219	305	M12
SE-SH – 10	10"	273	315	M12
SE-SH – 12	12"	323	378	M12

INSTALLATION INSTRUCTION



INSTALLATION OF FIRE FIGHTING PIPE USING SPRINKLER

TESTING OF PRODUCT



PIPE HANGER WITH EPDM LINING

APPLICATION:

PIPE HANGER WITH EPDM LINING is recommended for non-insulated stationary pipelines in a horizontal position. It can be use for supporting pipes along roof.

CONSTRUCTION:

PIPE HANGER with EPDM lining consists of piece carbon steel shaped to wrap around the pipe, made from shaped carbon steel plate. The selection of the proper PIPE HANGER WITH EPDM LINING depends upon the temperature of the piping system and load to be carried. Permits installation before and after pipe is in place. Reduces noise upto 18 dB.

MATERIAL:

Carbon Steel. Also other materials can also be provided on request

APPROVALS:

Underwriter's Laboratories Listed (UL)

Factory Mutual (FM)

Manufacturers Standardization Society ANSI/MSS SP-69 & SP-58 (Type 12)

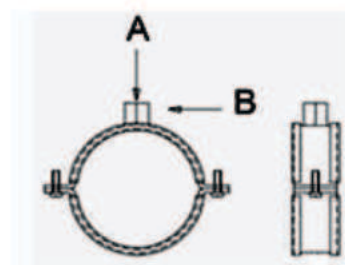
Federal Specification WW-H-171E & A-A-1192A (Type25)

TEMPERATURE RANGE:-

-20°C 110°C

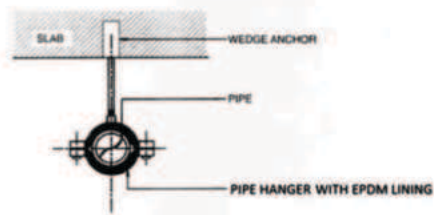
FINISH AVAILABLE:

Plain, Hot Dip Galvanized, Electro-Galvanized.

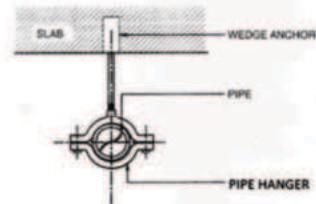


Product Code	NPS	Size (mm)	Range (mm)	Hole Size (mm) (A)	Hex Nut Height (mm) (B)	Side Screw size	Side Screw Nut size (mm)
SE-NC 01	3/8"	15	15-19	M10	8	M6 X 18mm	M6
SE-NC 02	1/2"	22	20-25	M10	8	M6 X 18mm	M6
SE-NC 03	3/4"	28	26-30	M10	8	M6 x18mm	M6
SE-NC 04	1"	35	32-36	M10	8	M6 x18mm	M6
SE-NC 05	1 1/4"	42	38-43	M10	8	M6 x18mm	M6
SE-NC 06	1 1/2"	48	47-51	M10	8	M6 x18mm	M6
SE-NC 08	2"	60	60-64	M10	8	M6 x18mm	M6
SE-NC 11	2 1/2"	75	74-80	M10	8	M6 x18mm	M6
SE-NC 13	3"	90	87-92	M10	8	M6 x18mm	M6
SE-NC 14	3 1/2"	100	99-105	M10	8	M6 x18mm	M6
SE-NC 16	4"	115	113-118	M10	8	M6 x18mm	M6
SE-NC 19	5"	140	138-142	M12	10	M6 x18mm	M6
SE-NC 22	6"	168	168-172	M12	10	M6 x18mm	M6
SE-NC 23	8"	219	200-212	M12	10	M6 x25mm	M6

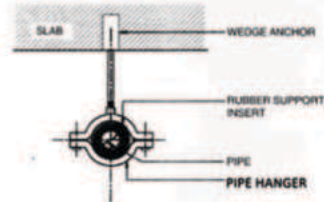
INSTALLATION INSTRUCTION



INSTALLATION OF PIPE USING PIPE HANGER WITH EPDM LINING



INSTALLATION OF PIPE USING PIPE HANGER



INSTALLATION OF INSULATED PIPES USING RUBBER SUPPORT INSER & PIPE HANGER

TESTING OF PRODUCT



PIPE HANGER WITH EPDM LINING

APPLICATION: PIPE HANGER WITH EPDM LINING is recommended for non-insulated stationary pipelines in a horizontal position. It can be use for supporting pipes along roof.

CONSTRUCTION: PIPE HANGER with EPDM lining consists of piece carbon steel shaped to wrap around the pipe, made from shaped carbon steel plate. The selection of the proper PIPE HANGER WITH EPDM LINING depends upon the temperature of the piping system and load to be carried. Permits installation before and after pipe is in place. Reduces noise upto 18 dB.

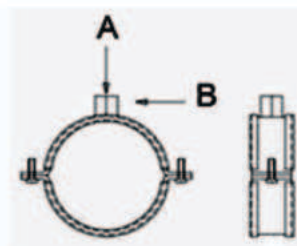
MATERIAL: Carbon Steel. Also other materials can also be provided on request

APPROVALS:

- Manufacturers Standardization Society ANSI/MSS SP-69 & SP-58 (Type 12)
- Federal Specification WW-H-171E & A-A-1192A (Type25)

TEMPERATURE RANGE: -20°C 110°C

FINISH AVAILABLE: Plain, Hot Dip Galvanized, Electro-Galvanized.



Product Code	NPS	Size (mm)	Range (mm)	Hole Size (mm) (A)	Hex Nut Height (mm) (B)	Side Screw size	Side Screw Nut size (mm)
SE-NCL 01	3/8"	15	15-19	M8 X M10	16	M6 X 18mm	M6
SE-NCL 02	1/2"	22	20-25	M8 X M10	16	M6 X 18mm	M6
SE-NCL 03	3/4"	28	26-30	M8 X M10	16	M6 x18mm	M6
SE-NCL 04	1"	35	32-36	M8 X M10	16	M6 x18mm	M6
SE-NCL 05	1 1/4"	42	38-43	M8 X M10	16	M6 x18mm	M6
SE-NCL 06	1 1/2"	48	47-51	M8 X M10	16	M6 x18mm	M6
SE-NCL 07	-	54	53-58	M8 X M10	16	M6 x18mm	M6
SE-NCL 08	2"	60	60-64	M8 X M10	16	M6 x18mm	M6
SE-NCL 09	-	63	63-66	M8 X M10	16	M6 x18mm	M6
SE-NCL 10	-	70	68-72	M8 X M10	16	M6 x18mm	M6
SE-NCL 11	2 1/2"	75	74-80	M8 X M10	16	M6 x18mm	M6
SE-NCL 12	-	83	81-86	M8 X M10	16	M6 x18mm	M6
SE-NCL 13	3"	90	87-92	M8 X M10	16	M6 x18mm	M6
SE-NCL 14	3 1/2"	100	99-105	M8 X M10	16	M6 x18mm	M6
SE-NCL 15	-	110	107-112	M8 X M10	16	M6 x18mm	M6
SE-NCL 16	4"	115	113-118	M8 X M10	16	M6 x18mm	M6
SE-NCL 17	-	125	125-130	M8 X M10	16	M6 x18mm	M6
SE-NCL 18	-	133	131-137	M8 X M10	16	M6 x18mm	M6
SE-NCL 19	5"	140	138-142	M8 X M10	16	M6 x18mm	M6
SE-NCL 20	-	150	148-153	M8 X M10	16	M6 x18mm	M6
SE-NCL 21	-	160	159-166	M8 X M10	16	M6 x18mm	M6
SE-NCL 22	6"	168	168-172	M8 X M10	16	M6 x18mm	M6
SE-NCL 23	8"	219	200-212	M8 X M10	16	M6 x25mm	M6
SE-NCL 24	-	220	215-220	M8 X M10	16	M6 x25mm	M6
SE-NCL 25	10"	273	269-274	M8 X M10	16	M6 x25mm	M6
SE-NCL 26	12"	323	313-318	M8 X M10	16	M6 x25mm	M6

PIPE HANGER

APPLICATION:

PIPE HANGER is recommended for non-insulated stationary pipe lines in either a horizontal or vertical position. It can be use for supporting pipes along roof as well as along wall.

CONSTRUCTION: PIPE HANGER consists of piece carbon steel shaped to wrap around the pipe, made from shaped carbon steel plate. The selection of the proper 3-Bolt PIPE CLAMP depends upon the temperature of the piping system and load to be carried. Permits installation before and after pipe is in place.

MATERIAL:

Steel. Also other materials can also be provided on request

APPROVALS:

Manufacturers Standardization Society ANSI/MSS SP-69 & SP-58 (Type 12)

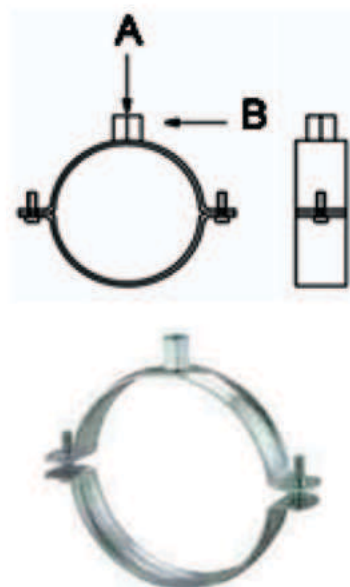
Federal Specification WW-H-171E & A-A-1192A (Type25)

MAXIMUM TEMPERATURE:

343°C (650°F)

FINISH AVAILABLE:

Plain, Hot Dip Galvanized, Electro-Galvanized.

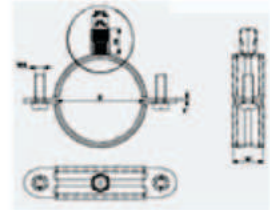


Product Code	NPS	Size (mm)	Range (mm)	Hole Size (mm) (A)	Hex Nut Height (mm) (B)	Side Screw size	Side Screw Nut size (mm)
SE-NC 01	3/8"	15	15-19	M8 X M10	16	M6 X 18mm	M6
SE-NC 02	1/2"	22	20-25	M8 X M10	16	M6 X 18mm	M6
SE-NC 03	3/4"	28	26-30	M8 X M10	16	M6 x18mm	M6
SE-NC 04	1"	35	32-36	M8 X M10	16	M6 x18mm	M6
SE-NC 05	1 1/4"	42	38-43	M8 X M10	16	M6 x18mm	M6
SE-NC 06	1 1/2"	48	47-51	M8 X M10	16	M6 x18mm	M6
SE-NC 07	-	54	53-58	M8 X M10	16	M6 x18mm	M6
SE-NC 08	2"	60	60-64	M8 X M10	16	M6 x18mm	M6
SE-NC 09	-	63	63-66	M8 X M10	16	M6 x18mm	M6
SE-NC 10	-	70	68-72	M8 X M10	16	M6 x18mm	M6
SE-NC 11	2 1/2"	75	74-80	M8 X M10	16	M6 x18mm	M6
SE-NC 12	-	83	81-86	M8 X M10	16	M6 x18mm	M6
SE-NC 13	3"	90	87-92	M8 X M10	16	M6 x18mm	M6
SE-NC 14	3 1/2"	100	99-105	M8 X M10	16	M6 x18mm	M6
SE-NC 15	-	110	107-112	M8 X M10	16	M6 x18mm	M6
SE-NC 16	4"	115	113-118	M8 X M10	16	M6 x18mm	M6
SE-NC 17	-	125	125-130	M8 X M10	16	M6 x18mm	M6
SE-NC 18	-	133	131-137	M8 X M10	16	M6 x18mm	M6
SE-NC 19	5"	140	138-142	M8 X M10	16	M6 x18mm	M6
SE-NC 20	-	150	148-153	M8 X M10	16	M6 x18mm	M6
SE-NC 21	-	160	159-166	M8 X M10	16	M6 x18mm	M6
SE-NC 22	6"	168	168-172	M8 X M10	16	M6 x18mm	M6
SE-NC 23	8"	219	200-212	M8 X M10	16	M6 x25mm	M6
SE-NC 24	-	220	215-220	M8 X M10	16	M6 x25mm	M6
SE-NC 25	10"	273	269-274	M8 X M10	16	M6 x25mm	M6
SE-NC 26	12"	323	313-318	M8 X M10	16	M6 x25mm	M6

PIPE HANGER – HEAVY DUTY

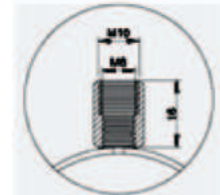
APPLICATION:

HEAVY DUTY PIPE HANGER is recommended for non-insulated stationary heavy pipe lines in either a horizontal or vertical position. It can be use for supporting pipes along roof as well as along wall. Used where loads to be carried are larger in magnitude.



CONSTRUCTION:

HEAVY DUTY PIPE HANGER consists of piece carbon steel shaped to wrap around the pipe, made from shaped carbon steel plate. Quick – Locking permits simple and fast installation. Large opening angles for easy insertion of the pipes. Clamping range without gaps. Reduces noise upto 18 dB.



MATERIAL: Steel. Also other materials can also be provided on request

APPROVAL: Manufacturers Standardization Society ANSI/MSS SP-69 & SP-58 (Type 12)
Federal Specification WW-H-171E & A-A-1192A (Type25)



MAXIMUM TEMPERATURE: 110°C

MINIMUM TEMPERATURE: -20°C

FINISH AVAILABLE: Plain, Hot Dip Galvanized, Electro-Galvanized.

Product Code	NPS	Size (mm)	Range (mm)	Hole Size (mm) (A)	Hex Nut Height (mm) (B)	Side Screw size	Side Screw Nut size (mm)
SE-NC 01	3/8 "	15	15-19	M10	16	M6 X 18mm	M6
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SE-NC 21	-	160	159-166	M10	16	M6 x18mm	M6
SE-NC 22	6"	168	168-172	M12	16	M6 x18mm	M6
SE-NC 23	8"	219	200-212	M12	16	M6 x25mm	M6
SE-NC 24	-	220	215-220	M12	16	M6 x25mm	M6
SE-NC 25	10"	273	269-274	M12	16	M6 x25mm	M6
SE-NC 26	12"	323	313-318	M12	16	M6 x25mm	M6