ASTRAL PIPES

Clamps & Hangers

SUPPORT SYSTEM FOR PIPES AND FITTINGS

PRODUCT CATALOGUE



CONTENTS









03
ABOUT ASTRAL

04
INNOVATION &
RECOGNITIONS

05
MARKETING
NETWORK

06
ABOUT CLAMPS
& HANGERS

07
SPLIT
CLAMPS

10
SPRINKLER
HANGER

11
CLEVIS
HANGER

13
U-BOLTS

15
SADDLES
(HEAVY DUTY
& LIGHT DUTY)

17
BASE
U CLAMPS

19
SLOTTED 'C'
CHANNELS
& BASE CLAMPS

21
SLOTTED BASE &
SLOTTED STRIPS

23
ELECTRIC JUNCTION
FLUSH BOXES

24
FASTENERS

25
SAFETY CLIPS
& CLAMPS

1st TO INTRODUCE CPVC IN INDIA

1st TO INTRODUCE UPVC LEAD FREE PIPES IN INDIA

1st TO INTRODUCE LOW NOISE PP DRAINAGE PIPES IN INDIA

1st TO INTRODUCE FOAMED PVC DRAINAGE PIPES IN INDIA



1st TO INTRODUCE LEAD FREE COLUMN PIPES IN INDIA

1st TO INTRODUCE POLYMER BASED INDUSTRIAL PIPING SYSTEM IN INDIA

1st TO INTRODUCE NSF APPROVED SOLVENT CEMENT IN INDIA

1st TO INTRODUCE CPVC PIPING FOR AUTOMATIC FIRE SPRINKLER SYSTEM IN INDIA

ASTRAL, INDIA'S PROGRESSIVE BUILDING MATERIALS COMPANY

Established in 1996 with the aim to manufacture best-in-globe plastic piping systems, Astral Pipes fulfils emerging piping needs of millions of houses and adds extra mileage to India's developing real estate fraternity with the hallmark of unbeaten quality and innovative piping solutions. Keeping itself ahead of the technology curve, Astral has always been a front runner in the piping category by bringing innovation and getting rid of old, primitive and ineffective plumbing methods. Bringing CPVC in India, and pioneering in this technology, have set Astral apart and its highest quality enabled it to obtain NSF approval for its CPVC pipes and fittings. Astral went beyond the category codes by launching many industry firsts, like launching India's first lead-free uPVC pipes for plumbing as well as for stream water, just to name a few.

Astral Pipes offers the widest product range across this category when it comes to product applications. Astral Pipes is equipped with production facilities at Santej and Dholka in Gujarat, Hosur in Tamil Nadu, Ghiloth in Rajasthan, Sangli & Aurangabad in Maharashtra, and Sitarganj in Uttarakhand to manufacture plumbing systems, drainage systems, agriculture systems, fire sprinkler piping systems, industrial piping and electrical conduit pipes with all kinds of necessary fittings.

Astral Pipes' Infrastructure division Rex offers a comprehensive product range including corrugated piping for drainage and cables, polyolefin cable channels, sewage treatment plants, plastic sheathing ducts, suction hoses, and sub-surface drainage systems. This range helps Astral to establish a strong foothold in infrastructure and agriculture sector in the constantly evolving business of piping.

In 2014, Astral forayed into the adhesives category by acquiring UK-based Seal It Services Ltd. and Kanpur based Resinova Chemie Ltd., which manufacture adhesives, sealants and construction chemicals. With five manufacturing facilities now in this business segment, Astral has strengthened its presence in the category and made rapid inroads.

In the year 2020, Astral has expanded its product portfolio and entered into the Water Tanks Segment. The water tank segment is an expanded domain of plumbing and water supply with a huge nationwide potential. Astral Pipes manufactures water tanks from its Santej and Aurangabad manufacturing facilities and slowly will begin manufacturing water tanks from other piping units. The new addition in the product offering will help Astral author a next chapter of success and will establish it as a prominent player in building materials industry.

ADHESIVES

EPOXY ADHESIVES & PUTTY
SILICONE SEALANTS
CONSTRUCTION CHEMICALS **PVA**
CYANOACRYLATE **SOLVENT CEMENTS**
TAPES **POLYMERIC FILLING COMPOUND**
ANAEROBIC ADHESIVES
INDUSTRIAL ADHESIVES
INSTANT HAND SANITIZER
SURFACE CLEANING PRODUCTS

PIPING

PLUMBING PIPES & FITTINGS
CPVC, PVC & PEX
SEWERAGE DRAINAGE PIPES & FITTINGS
AGRICULTURE PIPES & FITTINGS
INDUSTRIAL PIPES & FITTINGS
FIRE SPRINKLERS PIPES & FITTINGS
CONDUIT & CABLE PROTECTION
ANCILLARY PRODUCTS
URBAN INFRASTRUCTURE
DUCTING



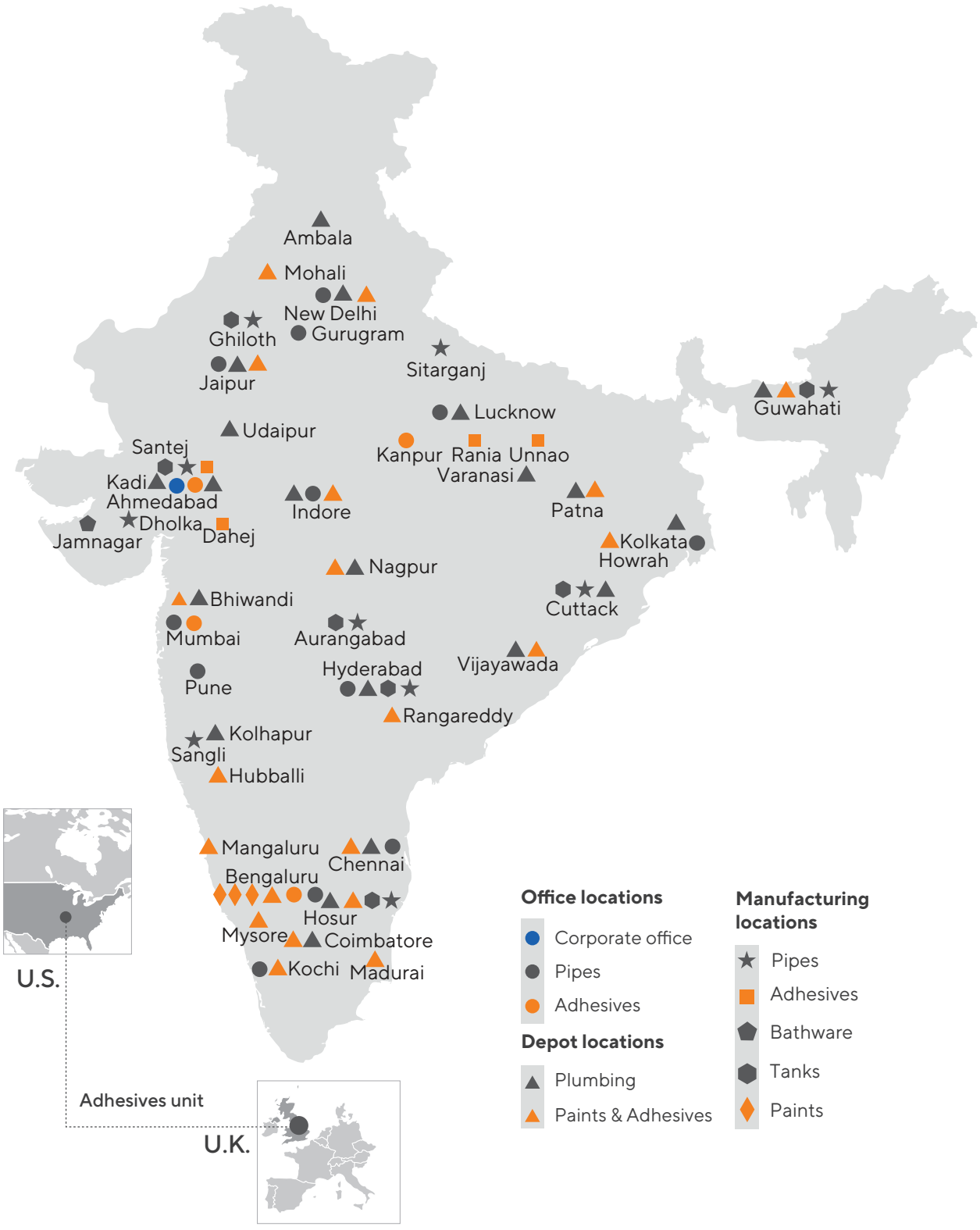


INNOVATION & RECOGNITIONS

- First to introduce CPVC piping system in India (1999)
- First to launch lead free uPVC piping system in India (2004)
- Corp Excel- National SME Excellence Award (2006)
- First to get NSF Certification for CPVC piping system in India (2007)
- First to launch lead-free uPVC column pipes in India (2012)
- Enterprising Entrepreneur of the year (2012-13)
- Business Standard Star SME of the year (2013)
- Inc. India Innovative 100 for Smart Innovation under category of 'Technology' (2013)
- India's Most Promising Brand Award (2014)
- Value Creator Award during the first ever Fortune India Next 500 (2015)
- India's Most Trusted Pipe Brand Award (2016, 2019 & 2020)
- ET Inspiring Business Leaders of India Award (2016)
- India's Most Attractive Pipe Brand Award (2016)
- Fortune India 500 Company (2016)
- Consumer Validated Superbrands India (2017, 2019 & 2021)
- India's Most Desired Brand based on TRA's Brand Trust Report (2021)

MARKETING NETWORK

Astral has a marketing network of more than 800 distributors and 30,000 dealers spread all over India with branch offices at Mumbai, Pune, Delhi, Bengaluru, Chennai, Hyderabad, Jaipur, Lucknow and Kochi. Apart from that Astral has its own warehouses at Vijaywada, Hyderabad, Delhi, Kolhapur, Kolkata, Nagpur, Indore, Patna, Varanasi, Jaipur, Hosur & Guwahati to deliver the material as quick as possible. More than 400 techno marketing professionals and administrative personnel are on the board to coordinate with architects, plumbing contractors and plumbers to utilize the best plumbing techniques and to get the best from the products.



ABOUT ASTRAL Clamps & Hangers

Extending our product portfolio, ASTRAL is pleased to introduce comprehensive range of product for pipe support, hangers and concealed wiring boxes which includes:

- Split Clamps
- Sprinkler Hangers
- Clevis Hangers
- U - Bolts
- Saddles (Heavy Duty & Light Duty)
- Slotted Base & Slotted Strip
- Slotted 'C' Channels & Base Clamps
- Electric Junction Flush Boxes
- Fasteners
- Safety Clips & Clamps



ASTRAL® Clamps & Hangers have universal uses where the support to pipes and cables is required.

These Clamps & Hangers can be used in building & infrastructure segments starting from residential to commercial to industrial application including plumbing, electrical & fire fighting.

ASTRAL Clamps & Hangers are available in sizes from 15 mm (½") to 150 mm (6").

These Clamps are available in both - with & without EPDM rubber lining.

These Clamps & Hangers are zinc coated & stainless steel finished.

APPLICATIONS

RESIDENTIAL

- Apartments
- High-rise buildings

COMMERCIAL

- Hotels
- Hospitals
- Shopping malls
- Parking
- HVAC

INDUSTRIAL

- Petroleum
- Tele Communication
- Fire Fighting
- Plastics & Rubber
- Solar Plants & many more

FEATURES AND APPLICATIONS

- Quick & Easy Installation
- Corrosion Resistant
- Higher Strength
- Greater safety
- Versatile & Elegant
- Maintenance free
- EPDM rubber lining
- Electro galvanized zinc coating ≥ 10 micron

Available sizes from ½" (15 mm) to 6" (150 mm) for all pipes.

SPLIT
CLAMPS

Provided by ASTRAL, is an impeccable range of Split Clamps that is widely demanded for ceiling suspension as well as vertical piping wall mounting. Moreover, the Split Clamps offered by us have no other alternative available in the market when it comes to supreme quality, longer service life and dimensional accuracy. ASTRAL Split Clamps designed with a number of features to enhance product performance and reliability.



RANGE

- Plain Split Clamps
- EPDM Rubber Lined Split Clamps

  Size: 15 mm (1/2") to 150 mm (6")

ADVANTAGES

- With highly elastic insert
- Captive fastening screws
- High rigidity thanks to reinforcing rib
- Usable temperature range from - 50°C to +110°C
- Fastening screws with combination cross - head
- Safe handling thanks to rounded flange
- Clip-over edges and the guide rib of the pipe clamps insert ensures a secure hold and prevents it from being pushed out
- Easy repairs and maintenance.

PRODUCT ADVANTAGES



1.

Lock bolts allow adjustment to accommodate varying pipe diameters.

4.

EPDM rubber lining for vibration and sound insulation.





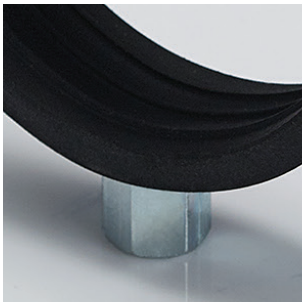
2.

Rubber pad inner grooves for tight support.

5.

M6 Screws & Nuts for Sizes ½" to 3" M8 lock bolts for Sizes 4" to 6".





3.

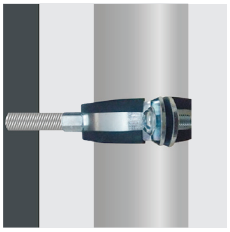
Strengthened welded nut
M8/ M10 - ½" to 3"
M12 - 4" to 6"

6.

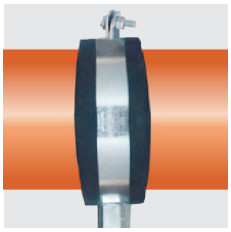
Zinc coated electro galvanized steel clamps body (Corrosion Resistant).



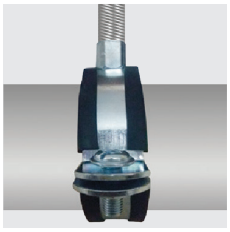
ASTRAL split pipe support clamps keep a fair distance between the pipe and the wall which facilitates future repairs and in maintaining a clean and aesthetic wall.



Vertical Support

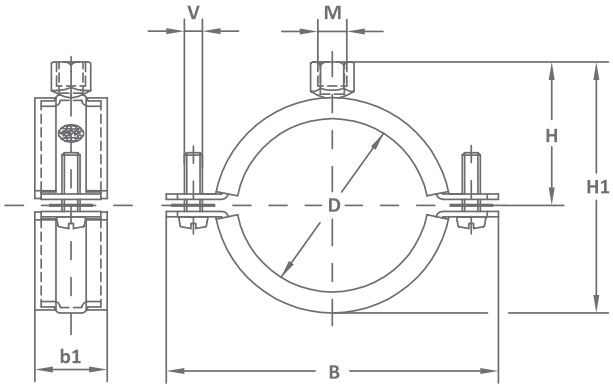


Horizontal Support



Roof Hanging

'D' Nominal Pipe Size			Dimensions (mm)								Product Code		Standard Packing (Nos.)	
(cm)	(mm)	(in.)	'D' Clamping Range	'M' Hold-on Nut	W x T	B	B1	H	H1	V	With Rubber	Without Rubber	With Rubber	Without Rubber
1.5	15	½	20-25	M8 & M10	20 x 2	68	23	28	40	M6	T101-005R	T101-005	40	40
2.0	20	¾	26-30	M8 & M10	20 x 2	73	23	31	45	M6	T101-007R	T101-007	35	35
2.5	25	1	32-37	M8 & M10	20 x 2	81	23	34	52	M6	T101-010R	T101-010	30	30
3.2	30	1¼	38-44	M8 & M10	20 x 2	88	23	38	59	M6	T101-012R	T101-012	25	25
4.0	40	1½	47-55	M8 & M10	20 x 2	98	23	42	67	M6	T101-015R	T101-015	25	25
5.0	50	2	59-65	M8 & M10	20 x 2	109	23	48	79	M6	T101-020R	T101-020	25	30
6.5	65	2½	72-78	M8 & M10	20 x 2	121	23	54	92	M6	T101-025R	T101-025	20	25
8.0	80	3	87-93	M8 & M10	20 x 2	136	23	62	107	M6	T101-030R	T101-030	15	15
10.0	100	4	108-116	M12	20 x 2	156	23	72	128	M8	T101-040R	T101-040	10	12
15.0	150	6	158-168	M12	20 x 2	211	23	97	178	M8	T101-060R	T101-060	10	10



Size			Maximum Recommended Load (N)
(cm)	(mm)	(in)	
1.5 & 2.0	15 & 20	½ & ¾	853
2.5, 3.2, 4.0, 5.0	25, 30, 40, 50	1, 1¼, 1½, 2	880
6.5	65	2½	1,355
8.0, 10.0, 15.0	80, 100, 150	3, 4 & 6	2,044



RANGE

Material: EPDM

Stretch: > 250%

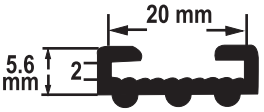
Hardness: 65 Shore A

Ozone Resistance: Grade O

Temperature Resistance: -40°C + 110°C

EPDM RUBBER LINING

EPDM rubber lining ensures smooth and tight grip. It absorbs any vibrations and noise due to flow inside the pipe and thus enhances support strength. Since the vibrations and noise do not pass to nuts and bolts they in turn not become loose and continue to hold the clamps in place.





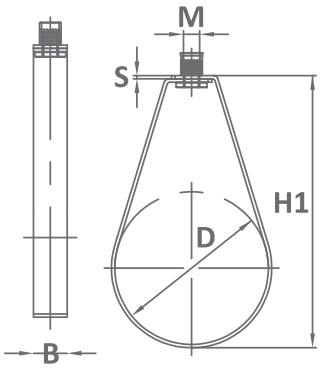
SPRINKLER HANGER

ASTRAL Sprinkler Hangers are available in different sizes and specifications. Made from supreme quality materials, our range is accurately designed in accordance with the set quality standards. ASTRAL sprinkler Hangers are one piece Hangers to provide high permissible loads.



RANGE

- Plain Sprinkler Hangers
- EPDM Rubber Lined Plain Sprinkler Hangers, Size: 15 mm (1/2") to 150 mm (6")



'D' Nominal Pipe Size			Dimensions (mm)					Product Code		Standard Packing (Nos.)	
(cm)	(mm)	(in.)	Rod Size	M x T	B	H1	S	With Rubber	Without Rubber	With Rubber	Without Rubber
1.5	15	½	M8	25 x 1.5	29	74	-	T102-005R	T102-005	40	40
2.0	20	¾	M8	25 x 1.5	29	76	-	T102-007R	T102-007	25	25
2.5	25	1	M10/M12	25 x 1.5	29	83	0.15	T102-010R	T102-010	25	25
3.2	30	1¼	M10/M12	25 x 1.5	29	95	-	T102-012R	T102-012	20	20
4.0	40	1½	M10/M12	25 x 1.5	29	107	-	T102-015R	T102-015	15	18
5.0	50	2	M10/M12	25 x 2.5	29	122	-	T102-020R	T102-020	15	18
6.5	65	2½	M10/M12	25 x 2.5	29	140	-	T102-025R	T102-025	10	10
8.0	80	3	M10/M12	25 x 2.5	29	160	0.25	T102-030R	T102-030	05	05
10.0	100	4	M10/M12	25 x 2.5	29	180	-	T102-040R	T102-040	05	05
15.0	150	6	M16	30 x 3.0	36	247	0.30	T102-060R	T102-060	04	06

EPDM RUBBER CASING FOR SMOOTH SUPPORT

The rubber makes an extra grip on the pipe. It also absorbs any vibrations or noise due to the flow inside the pipe and stops them from going to the nuts and bolts and they remain tight and secure.

Size			Maximum Recommended Load (N)
(cm)	(mm)	(in)	
1.5 - 4.0	15 - 40	½ - 1½	4,666
5.0 - 10.0	50 - 100	2 - 4	6,666
15.0	150	6	7,333

FEATURES & BENEFITS

- Used for sprinkler system installation
- Used for fire extinguishing system
- Used for free hanging horizontal pipe lines
- Pipe levels can be adjusted vertically after installation
- One piece clip guarantees a high permissible load
- Lips are dimpled at bend for added strength
- Mounting without any tools
- Available EPDM lined to prevent contact between Dissimilar materials; Minimize condensation

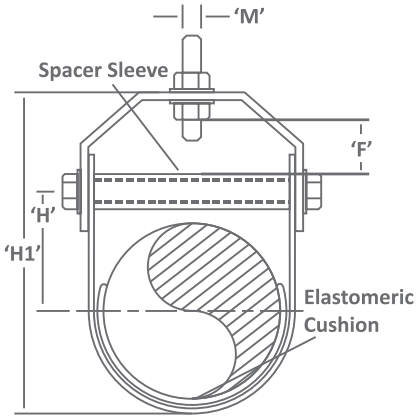
CLEVIS
HANGER

Astral Clevis hanger are available in comprehensive range. Produced under the guidance of our team of quality analysts, we make sure for less maintenance, dimensional accuracy and corrosion resistance. These are ideal to be used in installing heavy equipment or machinery and to fix barriers, roller shutters & fire doors, balustrade and switchgear.



RANGE

- Plain Sprinkler Hangers
- EPDM Rubber Lined Plain Sprinkler Hangers, 15 mm (1/2") to 150 mm (6")



'D' Nominal Pipe Size			Dimensions (mm)				Product Code		Standard Packing (Nos.)	
(cm)	(mm)	(in.)	Rod Size	W x T	H	H1	With Rubber	Without Rubber	With Rubber	Without Rubber
2.0	20	¾	M8/M10	25 x 3	30	86	T103-007R	T103-007	16	20
2.5	25	1	M8/M10	25 x 3	33	94	T103-010R	T103-010	12	16
3.2	30	1¼	M8/M10	25 x 3	38	106	T103-012R	T103-012	10	15
4.0	40	1½	M8/M10	25 x 3	42	117	T103-015R	T103-015	08	10
5.0	50	2	M8/M10	25 x 3	48	128	T103-020R	T103-020	08	10
6.5	65	2½	M8/M10	25 x 3	53	140	T103-025R	T103-025	08	10
8.0	80	3	M12	30 x 5	64	180	T103-030R	T103-030	04	04
10.0	100	4	M12	30 x 5	76	211	T103-040R	T103-040	04	04
15.0	150	6	M16	38 x 5	108	279	T103-060R	T103-060	02	02

EPDM RUBBER CASING FOR SMOOTH SUPPORT

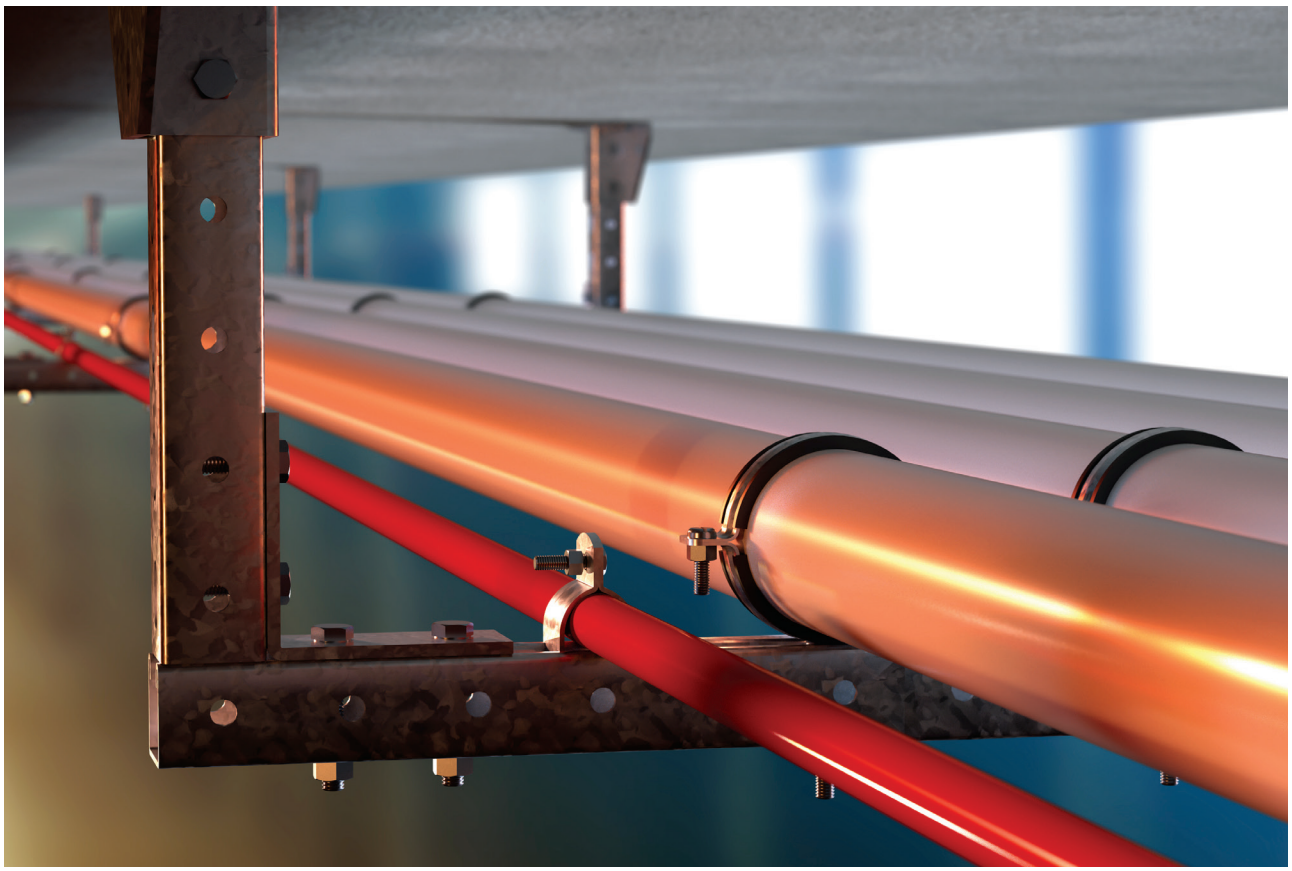
The rubber makes an extra grip on the pipe. It also absorbs any vibrations and noise due to flow inside the pipes and does not let them pass to the nuts and bolts which do not become loose as a result.

Size			Maximum Recommended Load (N)
(cm)	(mm)	(in)	
2.0 - 4.0	20 - 40	¾" - 1½"	4,666
5.0 - 10.0	50 - 100	2 - 4	6,666
15.0	150	6	7,333

FEATURES & BENEFITS

- Clevis Hangers are recommended for support of very heavy pipe loads and as the most satisfactory general-purpose pipe hangers for all sizes of pipe.
- Designed for chilled water pipe work and fire fighting systems.
- Clevis Hangers are also designed for use with flanged or bell and spigot cast iron pipe.
- There is adequate visible adjustment, which may be made after erection (see column F).
- The hanger may be locked in position after adjustment by means of the upper nut on the hanger rod.
- The hinged upper section of the hanger provides for small longitudinal movements of the pipe.

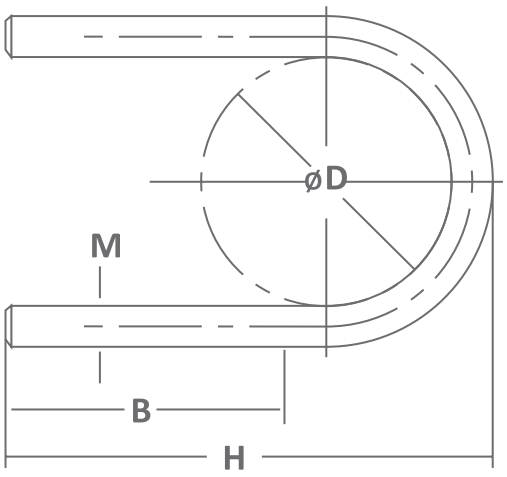
Unique design element of yoke on outside of lower strap barring the yoke from sliding toward the center of the bolt resulting in minimizing of bending of the bolt.



U-BOLTS

ASTRAL provide U-Bolts that is manufactured using high grade mild steel electro galvanized material. ASTRAL U-Bolt that we offer are demanded for clamping of insulated as well as plain pipes to supports like floor stands, trapeze hangers, wall brackets, etc.

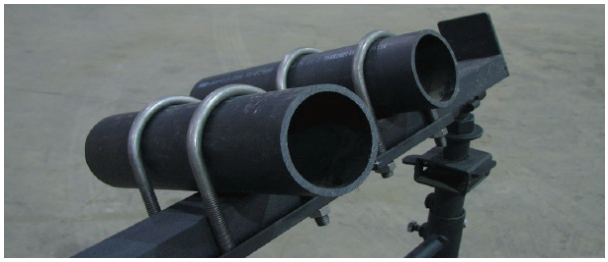




'D' Nominal Pipe Size			Dimensions (mm)			Product Code		Standard Packing (Nos.)	
(cm)	(mm)	(in.)	Rod Size	B	H	With Rubber	Without Rubber	With Rubber	Without Rubber
1.5	15	½	M8	30	53	T104-005R	T104-005	75	130
2.0	20	¾	M8	27	58	T104-007R	T104-007	65	100
2.5	25	1	M8	27	66	T104-010R	T104-010	50	80
3.2	30	1¼	M8	27	73	T104-012R	T104-012	45	70
4.0	40	1½	M8	32	86	T104-015R	T104-015	35	50
5.0	50	2	M8	28	95	T104-020R	T104-020	30	50
6.5	65	2½	M8	28	107	T104-025R	T104-025	25	50
8.0	80	3	M8	29	121	T104-030R	T104-030	25	30
10.0	100	4	M8	30	147	T104-040R	T104-040	20	25
15.0	150	6	M8	40	206	T104-060R	T104-060	15	30

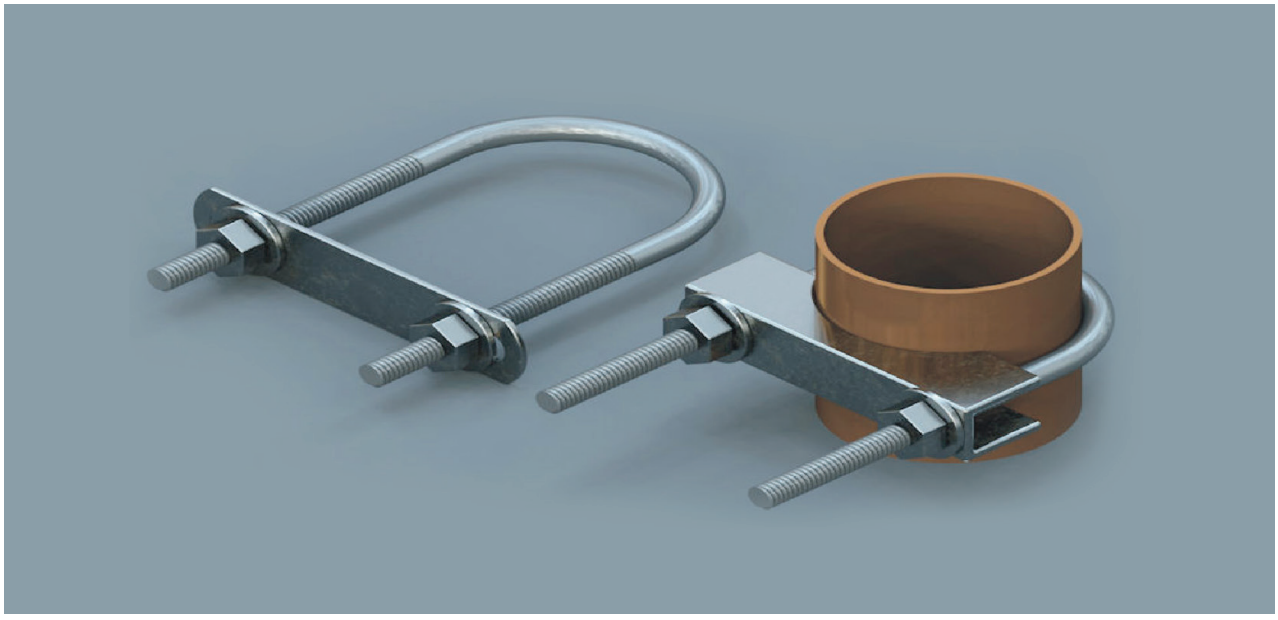
EPDM RUBBER CASING FOR SMOOTH SUPPORT

The rubber makes an extra grip on the pipe. It also absorbs any vibrations and noise due to flow inside the pipes and does not let them pass to the nuts and bolts which do not become loose as a result.



FEATURES & BENEFITS

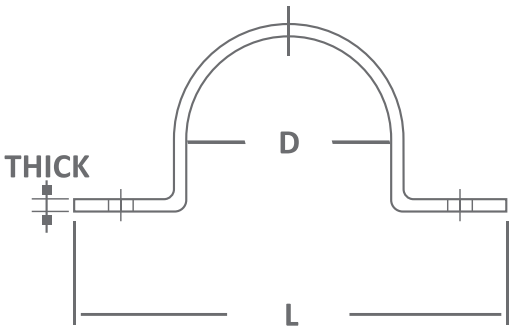
- U-BOLTS are recommended for heavy duty service.
- U-BOLTS are used to hold for simple pipe attachment or conduit securely against any surface in building technology and industrial construction.
- Height 'h1' is sufficient to fasten through a ½" inch thick plate.
- They may be used for guiding or anchoring pipe or for the support of heavy loads, often employed in power, process plant and marine service.
- Special u-bolts may be obtained to any specifications you may require.



SADDLES
(HEAVY DUTY & LIGHT DUTY)

ASTRAL,We have integrated our experience and latest manufacturing facilities to produce a comprehensive range of Saddles. ASTRAL Saddles are acclaimed for its adjustable height, high permissibility, corrosion resistance and rigid construction. These can be customized as per the specifications of our valued clients without compromising on quality. ASTRAL Saddles are available with Zinc Plating.





HEAVY DUTY SADDLE (CPVC / COPPER PIPES)

'D' Nominal Pipe Size			Dimensions (mm)				Product Code	Standard Packing (Nos.)
(cm)	(mm)	(in.)	'D' Clamping Size	W x T	L	Screw / Nut		
1.5	15	½	16.4	23 x 1.0	58.40	M6	T105-005C	150
2.0	20	¾	22.7	23 x 1.0	64.70	M6	T105-007C	180
2.5	25	1	29.1	23 x 1.0	71.10	M6	T105-010C	150
3.2	30	1¼	35.4	23 x 1.0	77.40	M6	T105-012C	100
4.0	40	1½	41.8	23 x 1.0	83.80	M6	T105-015C	80
5.0	50	2	54.6	23 x 1.5	97.60	M6	T105-020C	50

HEAVY DUTY SADDLE (uPVC / G. I. PIPE)

'D' Nominal Pipe Size			Dimensions (mm)				Product Code	Standard Packing (Nos.)
(cm)	(mm)	(in.)	'D' Clamping Size	W x T	L	Screw / Nut		
1.5	15	½	21.8	23 x 1.0	63.80	M6	T105-005	180
2.0	20	¾	27.2	23 x 1.0	69.20	M6	T105-007	150
2.5	25	1	33.9	23 x 1.0	75.90	M6	T105-010	100
3.2	30	1¼	42.7	23 x 1.0	84.70	M6	T105-012	90
4.0	40	1½	48.8	23 x 1.0	90.80	M6	T105-015	70
5.0	50	2	60.9	23 x 1.5	103.90	M6	T105-020	50

HEAVY DUTY SADDLE (uPVC / CPVC / G. I. PIPE)

'D' Nominal Pipe Size			Dimensions (mm)				Product Code	Standard Packing (Nos.)
(cm)	(mm)	(in.)	'D' Clamping Size	W x T	L	Screw / Nut		
6.5	65	2½	75	25 x 1.5	118.7	M6	T105-025	40
8.0	80	3	90	25 x 1.5	133.9	M8	T105-030	35
10.0	100	4	114	25 x 1.5	158.8	M8	T105-040	25
15.0	150	6	168	30 x 3.0	215.3	M8	T105-060	25

HEAVY DUTY SADDLE (uPVC / CPVC / G. I. PIPE) WITH RUBBER

'D' Nominal Pipe Size			Dimensions (mm)				Product Code	Standard Packing (Nos.)
(cm)	(mm)	(in.)	'D' Clamping Size	W x T	L	Screw / Nut		
4.0	40	1½	40	-	-	-	T105-015R#	As Req.
5.0	50	2	50	-	-	-	T105-020R#	As Req.
6.5	65	2½	63	25 x 1.5	118.7	M6	T105-025R	32
8.0	80	3	75	25 x 1.5	133.9	M8	T105-030R	24
10.0	100	4	110	25 x 1.5	158.8	M8	T105-040R	24
15.0	150	6	160	30 x 3.0	215.3	M8	T105-060R	12
20.0	200	8	200	-	-	-	T105-080R#	As Req.

Shortly Introducing

LIGHT DUTY SADDLE (CPVC/COPPER PIPES)

'D' Nominal Pipe Size			Dimensions (mm)				Product Code	Standard Packing (Nos.)
(cm)	(mm)	(in.)	'D' Clamping Size	W x T	L	Screw / Nut		
1.5	15	½	16.4	18 x 0.8	58.40	M6	T105-005CL	200
2.0	20	¾	22.7	18 x 0.8	64.70	M6	T105-007CL	250
2.5	25	1	29.1	18 x 0.8	71.10	M6	T105-010CL	220
3.2	30	1¼	35.4	18 x 0.8	77.40	M6	T105-012CL	200
4.0	40	1½	41.8	18 x 0.8	83.80	M6	T105-015CL	150
5.0	50	2	54.6	23 x 1.0	97.60	M6	T105-020CL	80

LIGHT DUTY SADDLE (uPVC/G.I. PIPES)

'D' Nominal Pipe Size			Dimensions (mm)				Product Code	Standard Packing (Nos.)
(cm)	(mm)	(in.)	'D' Clamping Size	W x T	L	Screw / Nut		
1.5	15	½	21.8	18 x 0.8	63.80	M6	T105-005L	200
2.0	20	¾	27.2	18 x 0.8	69.20	M6	T105-007L	250
2.5	25	1	33.9	18 x 0.8	75.90	M6	T105-010L	200
3.2	30	1¼	42.7	18 x 0.8	84.70	M6	T105-012L	150
4.0	40	1½	48.8	18 x 0.8	90.80	M6	T105-015L	150
5.0	50	2	60.9	23 x 1.0	103.90	M6	T105-020L	70

LIGHT DUTY SADDLE (uPVC/CPVC/G.I. PIPES)

'D' Nominal Pipe Size			Dimensions (mm)				Product Code	Standard Packing (Nos.)
(cm)	(mm)	(in.)	'D' Clamping Size	W x T	L	Screw / Nut		
6.5	65	2½	75	23 x 1.0	118.7	M6	T105-025L	50
8.0	80	3	90	23 x 1.0	133.9	M8	T105-030L	40
10.0	100	4	114	23 x 1.0	158.8	M8	T105-040L	40
15.0	150	6	168	27 x 1.5	215.3	M8	T105-060L	30

FEATURES & BENEFITS

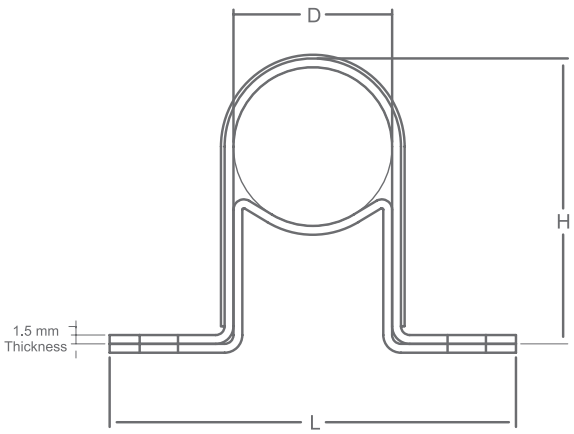
• Saddles are designed to secure Steel, Copper, uPVC, CPVC pipe tight against any surface. • Saddles are made from steel and are recommended for use in almost any circumstances in which a pipe is to be fastened securely against a steel, wood, or concrete surface. • Saddles may be obtained in alloy steel for high temperatures or to special dimensions to your specifications. • Especially useful in Water treatment plant for holding membranes and pipes. • For pipes running on channels and angles. Saddles are strong and convenient support solution

BASE
U CLAMPS

ASTRAL Base U Clamps allows two piece clamp adjustment. These base U clamp are easy to install and convenient and can be customize as per our customers specifications. ASTRAL Base U Clamps Recommended for support of pipe lines running at a definite distance from the wall or floor of a building or structure.

These clamps are useful where frequent adjustment have to be made. ASTRAL Base U Clamps are especially used in applications where the installations are complicated.





'D' Nominal Pipe Size			Dimensions (mm)					Product Code (CPVC)	Standard Packing (Nos.) (CPVC)
(cm)	(mm)	(in.)	'D' Clamping Size	W x T	L	H	Screw / Nut		
1.5	15	½	-	-	-	-	-	T106-005C	As Req.
2.0	20	¾	22.4	18 x 1.5	70.4	42.5	M6	T106-007C	60
2.5	25	1	22.8	18 x 1.5	70.8	50.5	M6	T106-010C	50
3.2	30	1¼	35.1	18 x 1.5	77.1	60.5	M6	T106-012C	60
4.0	40	1½	41.5	18 x 1.5	83.5	66.5	M6	T106-015C	40
5.0	50	2	54.3	18 x 1.5	104.3	75.5	M6	T106-020C	30

'D' Nominal Pipe Size			Dimensions (mm)					Product Code (PVC)	Standard Packing (Nos.) (PVC)
(cm)	(mm)	(in.)	'D' Clamping Size	W x T	L	H	Screw / Nut		
1.5	15	½	-	-	-	-	-	T106-005	As Req.
2.0	20	¾	26.7	18 x 1.5	69.0	49.5	M6	T106-007	50
2.5	25	1	33.6	18 x 1.5	75.6	59.5	M6	T106-010	50
3.2	30	1¼	42.4	18 x 1.5	84.4	66.5	M6	T106-012	40
4.0	40	1½	48.5	18 x 1.5	98.5	72.0	M6	T106-015	30
5.0	50	2	60.6	18 x 1.5	106.6	85.0	M6	T106-020	28



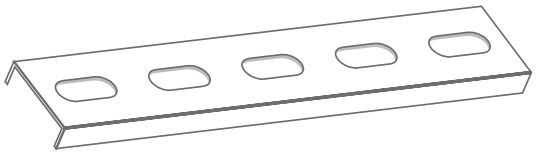
FEATURES & BENEFITS

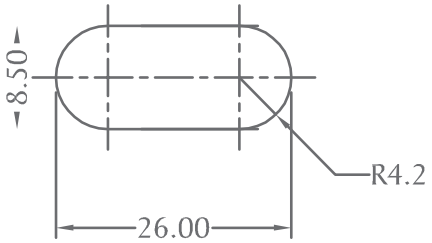
- ASTRAL Base U Clamps are designed to fasten Steel, Copper, uPVC, CPVC pipe securely against any surface.
- Base U Clamps are made from steel and are recommended for use in almost any circumstances in which a pipe is to be fastened securely against a steel, wood, or concrete surface.
- ASTRAL Base U Clamps Recommended for support of pipe lines running at a definite distance from the wall or floor of a building or structure.

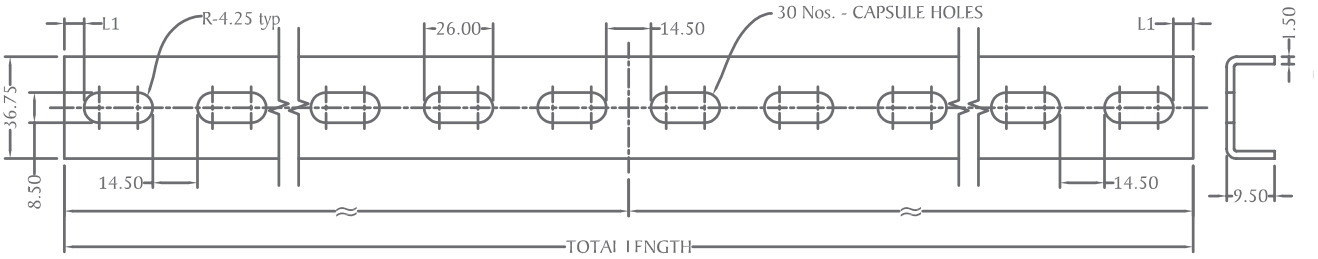
SLOTTED 'C' CHANNELS
& BASE CLAMPS

Slotted 'C' Channels & Base Clamps are useful in multiple pipelines, cables of different sizes, useful for maintaining level to lay multiple liner whether horizontal, vertical, roof hanging or grounded by accommodating & checking curve formation. Easy in installation, maintenance & clamping by comfortable approach of each lines from back side.







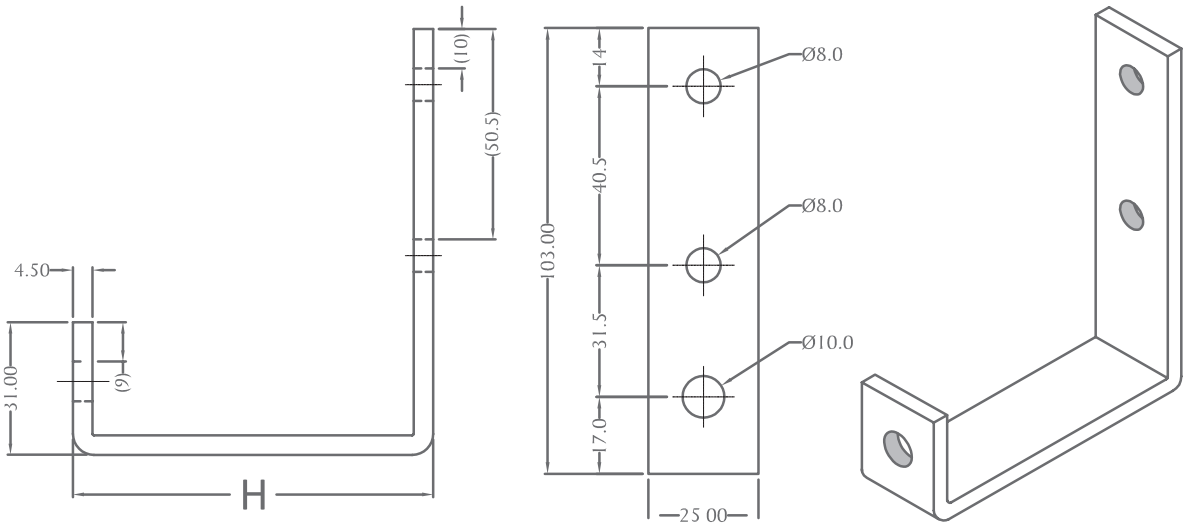


SLOTTED "C" CHANNEL (DISTANCE SADDLE CLAMP)

'D' Nominal Pipe Size				Dimensions (mm)		Product Code	Standard Packing (Nos.)
(cm)	(in.)	(ft.)	Total Length (mm)	L1	Nos. of Capsule Holes		
122	48	4	1219.20	9.35	30 HOLES	T123-040	40
244	96	8	2438.40	11.45	60 HOLES	T123-080	20

BASE CLAMP FOR C - CHANNEL

'D' Nominal Pipe Size			Dimensions (mm)			Product Code	Standard Packing (Nos.)
(cm)	(mm)	(in.)	H	L	W x T		
-	-	-	87	103	25 x 4.5	T124-001	20







SLOTTED BASE &
SLOTTED STRIPS

Slotted base are useful in multiple pipelines, cables of different sizes, useful for maintaining level to lay multiple liner whether horizontal, vertical, roof hanging or grounded by accommodating & checking curve formation. Easy in installation, maintenance & cleaning by comfortable approach of each line from back side.



SLOTTED BASE

Slotted strip have multiple utility application for installing providing item. Useful for joining two ends of any type of slotted base without overlapping them such as angels etc.

Size (Strip Length)			Dimensions (mm)		Product Code	Standard Packing (Nos.)
(cm)	(mm)	(in.)	Width x Thickness (mm)	Hold Size (mm)		
20.0	200	7.87	30 x 3.0	26 x 8.5	T121-200	24
30.0	300	11.81	30 x 3.0	26 x 8.5	T121-300	12
40.0	400	15.74	30 x 3.0	26 x 8.5	T121-400	12
50.0	500	19.68	30 x 3.0	26 x 8.5	T121-500	12

SLOTTED STRIPS

Size (Strip Length)			Dimensions (mm)		Product Code	Standard Packing (Nos.)
(cm)	(mm)	(in.)	Width x Thickness (mm)	Hold Size (mm)		
20.0	200	7.87	30 x 3.0	26 x 8.5	T122-200	20
30.0	300	11.81	30 x 3.0	26 x 8.5	T122-300	10
40.0	400	15.74	30 x 3.0	26 x 8.5	T122-400	10
50.0	500	19.68	30 x 3.0	26 x 8.5	T122-500	10



FEATURES & BENEFITS

- SLOTTED STRIPS & SLOTTED BASE are designed to secure Steel, Copper, uPVC, CPVC pipe tight against any surface.
- SLOTTED STRIPS & SLOTTED BASE may be obtained in alloy steel for high temperatures or to special dimensions to your specifications.



ELECTRIC JUNCTION
FLUSH BOXES

At ASTRAL, We are offering an extensive assortment of Electric Junction Boxes that are used in connecting wires together for distribution of electricity. User-friendliness, durability, high tensile strength and robust construction are some of the features of these boards. ASTRAL junction boxes are designed using finest quality raw material that is sourced from some of the reliable vendors of the industry.

ASTRAL Junction boxes are used in wash down and damp locations. They are installed in air plenum walls or ceilings for lighting fixtures, switches, receptacles or other outlet devices. junction boxes are used to bring power to a number of electrical devices where multiple conductor runs are split in two or more directions.



FEATURES & BENEFITS

- High Finish
- Heavy Duty
- Rust Free
- Greater Safety
- No Maintenance
- More Strength

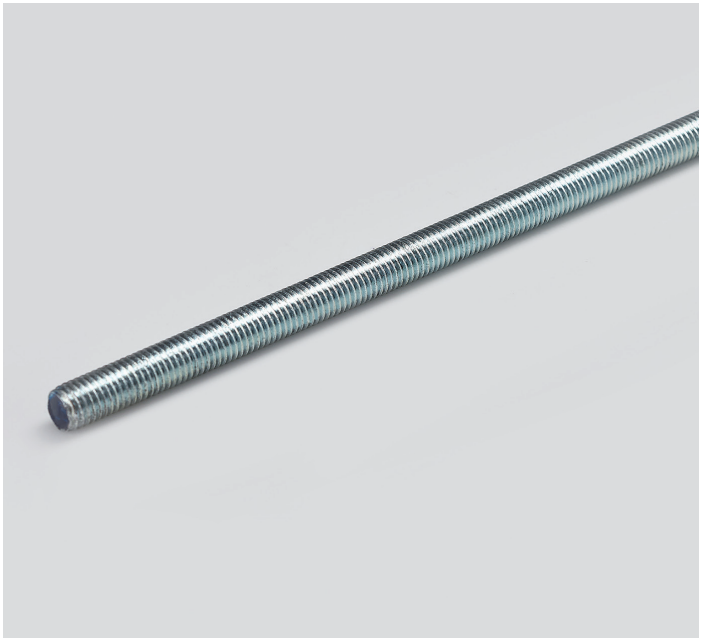
Size (L x W x H)			Dimensions (mm)		Product Code	Standard Packing (Nos.)
(cm)	(mm)	(in.)	Module	Thickness (mm)		
7.8 x 7.8 x 5.0	78 x 78 x 50	3.0 x 3.0 x 1.9	1 or 2	0.80	T131-001	20
9.7 x 7.8 x 5.0	97 x 78 x 50	3.8 x 3.0 x 1.9	3	1.00	T131-002	20
13.5 x 7.8 x 5.0	135 x 78 x 50	5.3 x 3.0 x 1.9	4	1.00	T131-003	10
20.6 x 7.8 x 5.0	206 x 78 x 50	8.1 x 3.0 x 1.9	6	1.00	T131-004	10
13.5 x 13.1 x 6.0	135 x 131 x 60	5.3 x 5.2 x 2.4	8	1.00	T131-005	05
23.2 x 7.8 x 5.0	232 x 78 x 50	9.1 x 3.0 x 1.9	8H	1.00	T131-006	10
20.8 x 13.0 x 5.5	208 x 130 x 55	8.2 x 5.1 x 2.1	12	1.00	T131-007	05
23.0 x 14.2 x 5.5	230 x 142 x 55	9.0 x 5.5 x 2.1	16	1.00	T131-008	05
20.6 x 20.6 x 6.0	206 x 206 x 60	8.1 x 8.1 x 2.4	18	1.00	T131-009	05

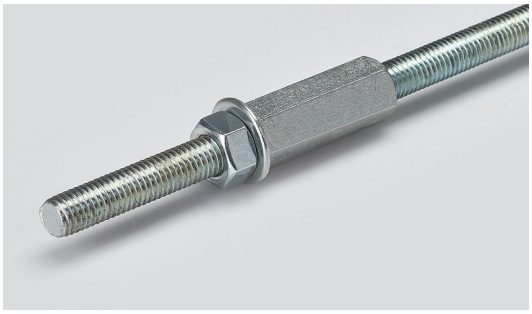
FASTENERS

ASTRAL Fasteners serve a definite purpose in the construction and installation. They provide the holding strength for anything, which needs to be put in a certain place for all the times.

These fasteners provide easy, fast and convenient support for installation of sanitary equipment like toilet seats, washbasins, and geysers without much harm to the tiles since they can be used over the tiles. Besides they give liberty for changing the fixture position also.









FULL THREADED ROD (1Mtr. Long)

Size	Product Code	Standard Packing (Nos.)
M6	T141-006	80
M8	T141-008	60
M10	T141-010	40
M12	T141-012	30
M16	T141-016	15

NUTS & WASHERS

Size	Product Code	Standard Packing (Nos.)
M6	T142-006	2000
M8	T142-008	1000
M10	T142-010	500
M12	T142-012	300
M16	T142-016	200

JOINTER NUTS

Size x Length (mm)	Product Code	Standard Packing (Nos.)
M6 x 25	T143-006	500
M8 x 30	T143-008	250
M10 x 40	T143-010	100
M12 x 50	T143-012	100
M16 x 60	T143-016	50

SAFETY CLIPS
& CLAMPS







BASE CLAMP

Size L x H (cm x mm)	Product Code	Standard Packing (Nos.)
30.0 x 7.62	T122-030-300	58
40.0 x 7.62	T122-030-400	30
50.0 x 7.62	T122-030-500	30
60.0 x 7.62	T122-030-600	30

SAFETY CLIP
FOR COUPLER CLAMP

Size (cm)	Size (mm)	Product Code	Standard Packing (Nos.)
7.5	75	SC-075-CC	As Req.
11.0	110	SC-110-CC	As Req.
12.5	125	SC-125-CC	As Req.
16.0	160	SC-160-CC	As Req.
20.0	200	SC-200-CC	As Req.

SAFETY CLIP
FOR SOCKET PLUG (END CAP)

Size (cm)	Size (mm)	Product Code	Standard Packing (Nos.)
7.5	75	SC-075-EC	As Req.
11.0	110	SC-110-EC	As Req.
12.5	125	SC-125-EC	As Req.
16.0	160	SC-160-EC	As Req.
20.0	200	SC-200-EC	As Req.

ASTRAL PIPES

INDIA'S NO.1 PIPE BRAND*

*For more details visit astralpipes.com



ASTRAL PIPES

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Please get in touch with us between 10 AM to 6 PM between Monday to Friday and the last Saturday of the month. We will remain closed on Public Holidays.

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