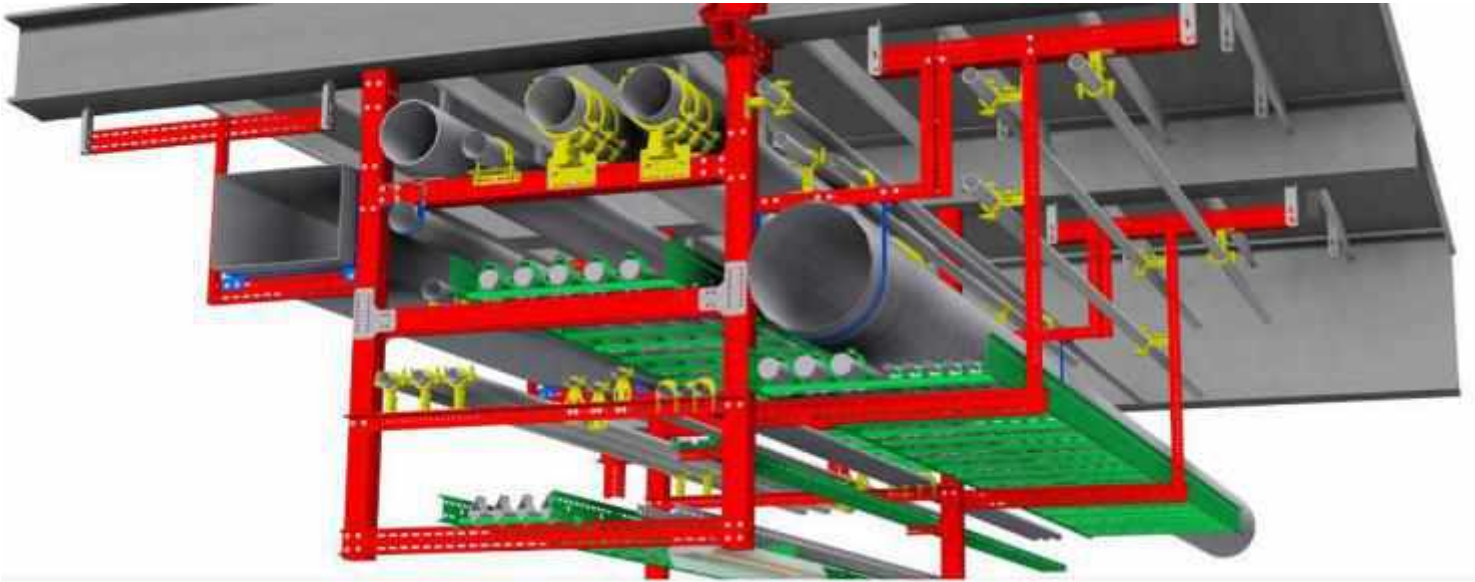




Seismic Bracing System



Quality Responsibility Development

SHANGHAI XINMA BUSBAR BRIDGE FRAME CO.,LTD.

ABOUT XINMA

Company Profile

Xinma is a professional manufacturer for Cable Tray, Seismic Bracing System & Busway, founded in Aug, 2006, covers an area of 30,000m², has 200+ employees, owns several modern automatic production lines, products are approved by UL, TUV, CE... etc.

Company Culture

Xinma people insist in “Craftsman Spirit”, never forget initial intention, constantly use science & technology to drive production, improve design by innovation, return market with products, struggle endlessly for revitalizing “Made in China”!



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Introduction

Seismic Bracing System refers to the mechanical and electrical equipment attached to modern high-rise buildings such as: water supply and drainage systems, building electrical systems, fire piping systems, gas piping systems, ventilation and air conditioning engineering systems, elevator installation systems, curtain wall systems, and underground pipe gallery systems. It is firmly connected to the building structure and other electromechanical equipment such as the building intelligent system. The earthquake-resistant support facility that takes earthquake as the main load is composed of anchors, reinforced booms, earthquake-resistant connecting members, and earthquake-resistant diagonal braces. It has the characteristics of environmental protection, efficiency, beautiful appearance, long service life, high carrying capacity, flexible adjustment, and reusable.



Overview

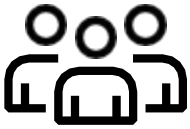
Our services

Our product and service fields have evolved along with customer needs, and innovative product designs and services have made them very suitable for practical conditions. All products and services give you a decisive advantage at every stage of the project. We provide you with technical support during the project planning, design, construction and completion phases, and can also be customized according to your special needs, and will continue to adjust services to adapt to market changes.



Planning Service

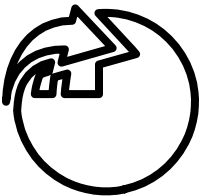
In the project planning and design stage, experienced engineers will use their professional skills to carry out space planning according to needs, provide you with CAD scheme design, BIM and other professional software 3D design, support structure system stress load calculation, material requirements parts list, Cost accounting, delivery and on-site installation guidance and other services.



Technical Services

With more than 10 years of experience in engineering project service in the field of finished stents, its technical reserves and industry experience can provide customers with comprehensive support from program evaluation to online implementation. Components manufactured according to the specific requirements of customers and projects have key advantages in cost control and product function.

- Quality assurance
- Best price / performance ratio
- Product function optimization
- Excellent logistics



Project support

To achieve specialization in complex project implementation projects, not only need good products, we also have the professional skills to support your domestic and international projects.

We will work closely with your project managers, engineers and construction personnel, including the exchange of information and data files at the design stage, feasibility studies before project implementation, and precise implementation time.



Product training

We will train customers and related personnel according to the needs of customers, introduce our products and applications, and formulate solutions. Please feel free to contact us to organize training for you.

Application Industry

The Seismic Bracing System is very widely used, and has provided many professional technical solutions for various industries, and made unremitting efforts to enhance a safer and more reliable living environment for our buildings.

Industrial building

- Tobacco technological transformation, re-roasting plant, logistics center
- Automobile and accessories plant
- Electronic workshop, data center
- Pharmaceutical factory, food factory, hospital



Transportation Industry

- Subway station, depot
- High-speed rail station, EMU, maintenance base
- airport
- Logistics warehouse, express sorting center

Civil and public buildings

- Large commercial complexes, exhibition halls
- Super high-rise building equipment floor, basement
- Theater, concert hall, large show
- Sports Center and Single Venue

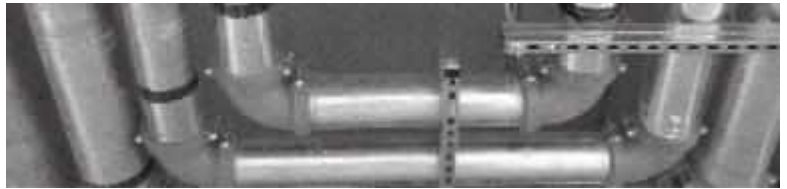


Energy and people's livelihood

- PV
- Nuclear power station, hydropower station, thermal power station
- Chemical plants, oil refineries, steel plants
- Offshore Oil Platform
- Municipal comprehensive pipe corridor

Drainage

- City supply system
- Municipal water supply and drainage system
- Building water supply and drainage system



HVAC

- Heating and ventilation system
- Air conditioning system piping



Fire fighting

- Fire sprinkler
- Fire hydrant, water cannon



Electric Power

- Cable tray
- Power communication system

Process piping

- Production of circulating water and emulsion
- Compressed air piping
- Industrial liquid pipeline



—Channel Steel Series

Strut Channel



Practical Application

- Quickly and effectively build various types of support systems with steel structures, concrete structures or other structures.
- Fast and convenient pipe fixing, perfect air duct and bridge support and other process installation.
- All special accessories can be matched with C-shaped channel steel for safe use.



Structural Appearance

- New type C channel steel, beautiful appearance, advanced design concept, exquisite production process.
- Axial reinforced rib design to enhance torsion resistance.
- C-shaped steel crimped sawtooth design, coupled with patented channel steel buckle connection, effectively enhance the ability of anti-shear, anti-slip, anti-impact
- The design of multiple strip holes on the back of C-shaped steel is flexible and convenient for installation.



Installation

- The auxiliary ruler on the top surface makes precise and fast cutting on site.
- A variety of C-shaped steel cross-section heights, suitable for the installation of pipes, ducts and bridges of different specifications, economic and practical



Technology

- Material: 275g galvanized sheet SGH340 is used for 2.5 / 2.75mm; the thickness of the zinc layer on the surface reaches 20μm, which is produced according to JIS G 3302 standard.
- Other anti-corrosion treatments: hot-dip galvanized, epoxy sprayed, stainless steel.



XM-KZD-C-4121

XM-KZD-C-4141

XM-KZD-C-4152

XM-KZD-C-4162

XM-KZD-C-4172

XM-KZD-C-4182

Model	Thickness mm	Height mm	Weight kg/m	Length m
XM-KZD-C-4121	2.0	21	1.45	6
XM-KZD-C-4141	2.0/2.5	41	2.1/2.55	6
XM-KZD-C-4152	2.5	52	2.95	6
XM-KZD-C-4162	2.5	62	3.35	6
XM-KZD-C-4172	2.5	72	4.1	6
XM-KZD-C-4182	2.5	82	4.5	6

—Channel Steel Series

Double Back to Back Strut Channel



Practical application

- The main part of the bracket system, used as a column, main beam and secondary beam.
- As a connection between the base material and the mounting system, a variety of mounting systems can be quickly and efficiently built on it.
- Double-slotted channel steel makes bidirectional support and hoisting possible while increasing the carrying capacity.



Structural appearance

- New type C channel steel, beautiful appearance, advanced design concept, exquisite production process.
- Axial reinforced rib design enhances bending resistance.
- C-shaped steel crimped sawtooth design, coupled with patented channel steel buckle connection, effectively enhance the ability of anti-shear, anti-slip, anti-impact
- C-shaped steel back strip hole design, flexible and convenient installation.
- It is riveted by high-end equipment, without welding, safe and reliable, and stable performance.



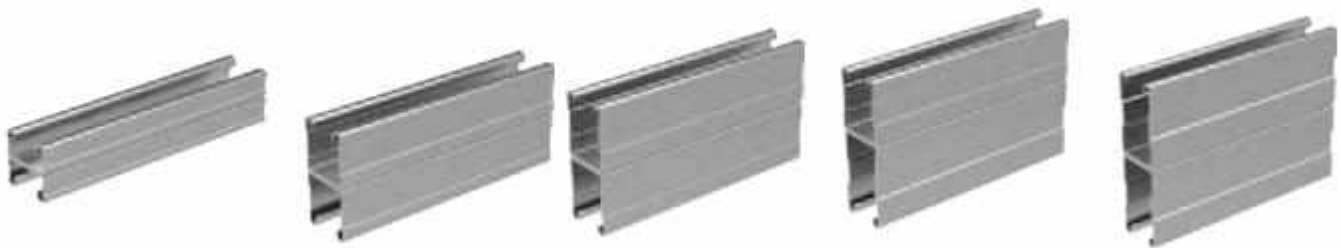
Installation

- According to actual needs, C-shaped channel steel can be cut on site.
- A variety of C-shaped steel cross-section heights, suitable for the installation of pipes, ducts and bridges of different specifications, economical and practical.



Technology

- Material: 275g galvanized sheet SGH340 is used for 2.5 / 2.75mm; the thickness of the zinc layer on the surface reaches 20µm, which is produced according to JIS G 3302 standard
- Other anti-corrosion treatment: hot dip galvanized, epoxy sprayed, stainless steel.



XM-KZD-CS-4121

XM-KZD-CS-4141

XM-KZD-CS-4152

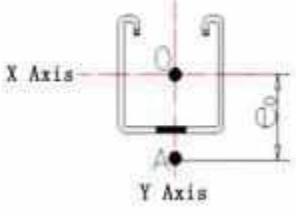
XM-KZD-CS-4162

XM-KZD-CS-4172

Model	Thickness mm	Height mm	Weight kg/m	Length m
XM-KZD-CS-4121	2.0	21	2.9	6
XM-KZD-CS-4141	2.0/2.5	82	4.2/5.1	6
XM-KZD-CS-4152	2.5	104	5.9	6
XM-KZD-CS-4162	2.5	124	7.1	6
XM-KZD-CS-4172	2.5	144	8.2	6
XM-KZD-CS-4182	2.5	164	9	6

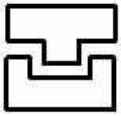
—Channel Steel Series

Channel Specifications And Technical Parameters

			Channel specifications										
			QC-1	QC-2	QC-3	QC-4	QC-5	QC-6	QC-7	QC-8	QC-9		
Loading Area		A	mm ²	165.3	204.9	245.1	358.5	357.5	501.1	330.6	490.3	859.6	
Weight Per Unit Length			Kg/m	1.44	1.76	2.08	2.98	2.94	4.10	2.90	4.19	7.08	
Elastic Modulus		B	N/mm ²	206000	206000	206000	206000	206000	206000	206000	206000	206000	
Shear Modulus		G	N/mm ²	79000	79000	79000	79000	79000	79000	79000	79000	79000	
X Axis	Bent Heart Rectangular Heart		e ₀	mm ²	19.99	30.08	40.13	39.55	50.78	70.63	19.00	39.00	59.40
	Moment Of Inertia		I _x	cm ⁴	1.02	2.67	5.34	7.43	11.75	29.59	4.59	27.39	107.55
	Loading Surface	Opening Upward	W _{x1}	cm ³	0.83	1.73	2.60	3.74	4.56	8.28	2.41	7.02	18.11
	Modulus	Opening Down	W _{x2}	cm ³	1.05	1.96	2.89	4.10	4.96	8.82	2.41	7.02	18.11
	Radius Of Gyration		i _x	cm	0.74	1.13	1.48	1.42	1.80	2.41	1.23	2.50	3.70
Y Axis	Moment Of Inertia		I _y	cm ⁴	4.69	6.21	7.73	10.74	11.34	16.28	8.78	15.47	31.37
	Load Surface Modulus		W _y	cm ³	2.41	3.19	3.97	5.65	5.89	8.51	4.51	7.93	15.30
	Radius Of Gyration		i _y	cm	1.63	1.69	1.73	1.73	1.75	1.77	1.63	1.73	1.76
Torsion Moment Of Inertia		I _t	cm ⁴	0.02	0.03	0.04	0.12	0.08	0.14	0.05	0.07	0.21	
Fan Moment Of Inertia		I _w	cm ⁶	5.77	14.59	28.39	38.52	60.08	144.17	23.30	139.00	530.21	

—Accessories Series

Connecting Base Fitting



Practical application

- Connection of anti-seismic braces and base surface.
- Connection of anti-vibration diagonal brace and bracket body.
- The brace angle can be adjusted arbitrarily.
- The universal connection base can be fixed to concrete, steel structure and other base surfaces.



Installation

- XM-KZD-KB-C41 is used to connect the main body of the bracket, XM-KZD-KA-C41 is used to connect with the base surface, the diagonal brace C-shaped steel back wall is inserted into the base tiger mouth clip, and the nail head bolts are tightened and fixed.
- Torque off the bolt head of the nail head to control the torque and prevent loosening of the reverse twist.
- GB50981 seismic design specification recommended installation form.



Structural appearance

- Double-body hinge connection with strong bearing capacity of one-piece vise type.
- Torque off the control head bolts.

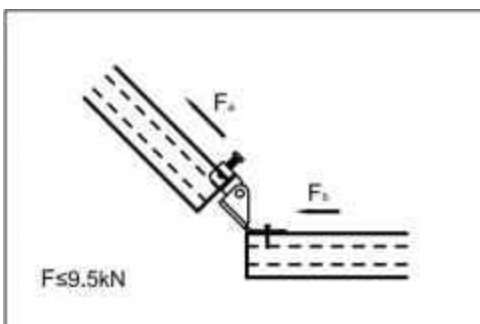


Technology

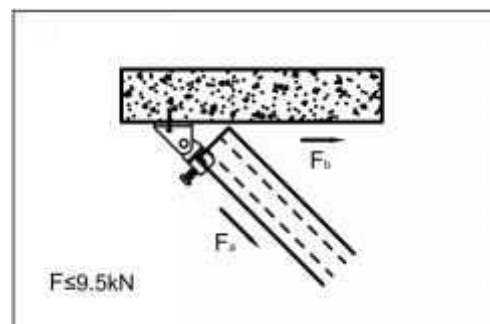
- Material: Q235B, produced in accordance with JIS G 3131 standard.
- Galvanized: Electro-galvanized, thickened by 8μm and then closed, produced in accordance with GB T 9799 standard.
- Other anti-corrosion treatment: hot dip galvanized, epoxy spray.



Model	Force Value KN	Thickness (mm)	Weight (g)	Package (pcs)
XM-KZD-KB-C41	9.5	6	950	10
XM-KZD-KA-C41	9.5	6	750	20



XM-KZD-KB-C41



XM-KZD-KA-C41

—Accessories Series

Anti-vibration Bracket Hinge



Practical Application

- Connection of anti-seismic braces and base surface.
- Connection of anti-vibration diagonal brace and bracket body.
- The brace angle can be adjusted arbitrarily.
- Channel lock can be used to connect with C-shaped steel.



Structural Appearance

- Adjustable hinge connection.
- Works perfectly with C-shaped steel.



Installation

- Use Clamp to fix C-shaped steel.
- Use anchor bolts to connect with the base surface.
- Hinged connection can adjust angle and direction at will, installation is simple and fast.



Technology

- Material: Q235B, produced in accordance with JIS G3131 standard.
- Zinc plating: electro-galvanized, thickened by 8μm and then closed, processed according to GB T 9799 standard
- Other anti-corrosion treatment: hot dip galvanized, epoxy spray.

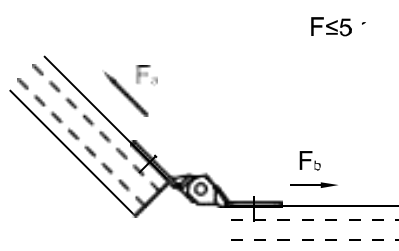


XM-KZD-A-C41



XM-KZD-B-C41

Model	Force Value KN	Tightening Torque (mm)	Thickness (mm)	Weight (g)	Package (pcs)
XM-KZD-A-C41	7.3	50	6	490	15
XM-KZD-B-C41	7.3	50	6	397	30



—Accessories Series

Screw lock



Practical application

- Connected with C-shaped steel to strengthen the screw.
- The screw rod is fixed on the inner back wall of the C-shaped steel, so that the screw rod and the reinforced C-shaped steel are integrated, and the force is coordinated.



Structural appearance

- The tooth lock can be engaged with C-shaped steel.
- Bolt head with Y-shaped fork is used for jacking screw.



Installation

- The screw rod is close to the inner back wall of the C-shaped steel.
- The top lock is inserted from the opening surface of the C-shaped steel and rotated 90° in place.
- Tighten the hex head bolt until the Y-shaped fork tightens the screw.



Technology

- Material: Q235B, produced according to DIN EN10025 standard.
- Galvanized: electro-galvanized, sealed after 8µm thickening, press Produced according to GB T 9799 standard.
- Other anti-corrosion treatment: hot dip galvanized, epoxy spray.

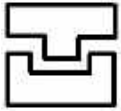


XM-KZD-SF

Model	Tightening Torque KN	Tool installation model	Weight (g)	Package (pcs)
XM-KZD-SF	50	19	86	200

—Accessories Series

90 ° Connector



Practical application

- Universal accessories, rigidly connected with channel steel or support arm with channel steel lock.
- Suitable for various applications, easy to install, adjust position and disassemble.
- Withstand high-strength vertical load, safe and reliable.



Installation

- Strong assembly flexibility and easy installation.
- Use patented channel steel lock to connect channel steel, and adjust it accurately according to actual working conditions.



Structural appearance

- Innovative design without welding on the job site.
- 90 ° angle to ensure the verticality of the installation.



Technology

- Material: Q235B / SPHC, produced in accordance with JIS G 3131 standard.
- Galvanized: electro-galvanized, sealed after 8μm thickening, press
- Produced according to GB T 9799 standard.
- Welding: mixed gas C O 2 shield welding, produced according to J B / T-9186-1999 standard production 9799 standard.
- Other anti-corrosion treatment: hot dip galvanized, epoxy spray.



XM-KZD-Z1-C41

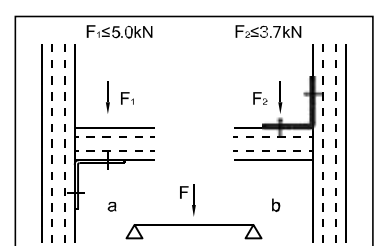
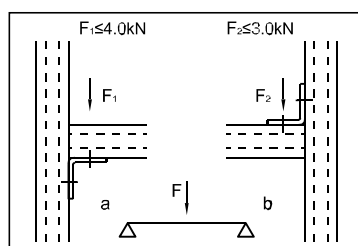
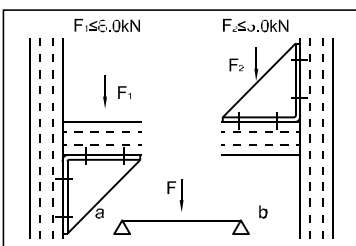


XM-KZD-Z2-C41



XM-KZD-Z3-C41

Model	Force Value KN		Tightening Torque (mm)	Thickness (mm)	Weight (g)	Package (pcs)
XM-KZD-Z1-C41	4.0	3.0	50	6	150	90
XM-KZD-Z2-C41	8.0	5.0	50	6	540	40
XM-KZD-Z3-C41	5.0	3.7	50	6	550	40



—Accessories Series

Base connector



Practical application

- Used to install two-dimensional structure, shorten the construction period and save materials.
- Use anchor bolts to fix on the wall, floor or floor bottom.
- Cooperate with other accessories to with stand multi-directional tensile and shear forces.



Installation

- Optimize the connection of channel steel, supporting arm and other structures in the direction of 90 °.
- Use patented channel steel lock to connect channel steel, and adjust it accurately according to actual working conditions.



Structural appearance

- Innovative design without welding on the job site.
- Quick connection forms a 90 ° bracket joint.
- Multi-faced holes, easy to adjust the direction according to actual needs.



Technology

- Material: SPHC / Q235B, produced in accordance with JIS G 3131 standard.
- Thickness: 6mm (HMW-2 / 2D = 4mm).
- Zinc plating: electroplated zi, thickened by 8μm and then closed, produced in accordance with GBT9799 standard.
- Other anti-corrosion treatment: hot dip galvanized, epoxy spray.

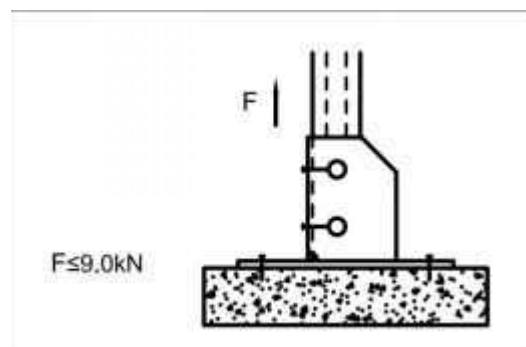
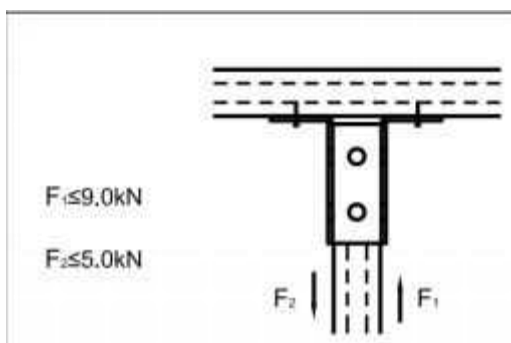


XM-KZD-D2-C41



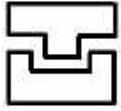
XM-KZD-D1-C41

Model	Force Value (mm)	Tightening Torque (mm)	Weight (g)	Package (pcs)
XM-KZD-D1-C41	9.0	50	1477	12
XM-KZD-D2-C41	7.8	50	510	26



—Accessories Series

Channel fasteners



Practical application

- Directly fixed on the building structure or channel steel, easy to use.
- Good applicability, a few accessories can meet various applications.



Structural appearance

- Saddle structure provides multi-directional fixed options.



Installation

- When the fastener is fixed to the channel steel, the patented channel steel lock is used for connection.
- When the fastener is fixed to the building structure, use anchor bolts to connect.



Technology

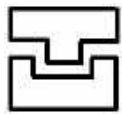
- Material: Q235B, produced in accordance with JIS G 3131 standard.
- Thickness: 4 / 6mm.
- Galvanized: Electro-galvanized, thickened by 8µm and then closed, produced in accordance with GB T 9799 standard.
- Other anti-corrosion treatment: hot dip galvanized, epoxy spray.



Model	Force Value (mm)	Tightening Torque (mm)	Weight (g)	Package (pcs)
XM-KZD-Z6-C21	5	50	280	60
XM-KZD-Z6-C41	5	50	350	2640
XM-KZD-Z6-C52	5	50	380	36
XM-KZD-Z6-C72	5	50	460	28
XM-KZD-Z6-C82	5	50	520	25

—Accessories Series

Beam clamp



Practical application

- Applicable to various standard steel beams, easy installation, ideal steel structure solution.
- For welding-free and drilling-free installation on steel structures



Structural appearance

- 42mm precision bayonet, zigzag and arc design to improve the overall force.
- Not limited by the channel opening direction and installation position.



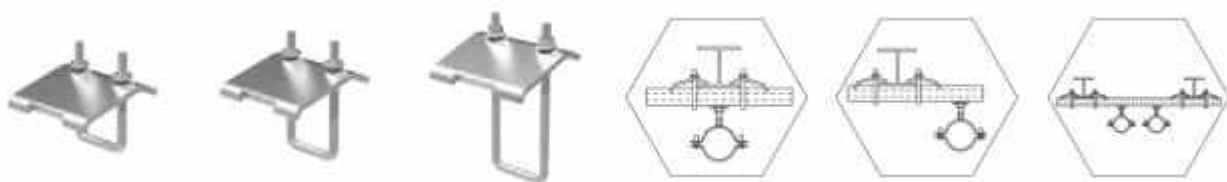
Installation

- It is convenient to adjust the fixed position later, and the length and position of the channel steel can be adjusted arbitrarily.
- Used in pairs, easy to install.



Technology

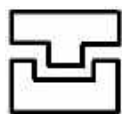
- Material: Q235B, produced in accordance with JIS G 3131 standard.
- Galvanized: Electro-galvanized, thickened by 8μm and then closed, produced in accordance with GB T 9799 standard.
- Other anti-corrosion treatment: hot dip galvanized, epoxy spray.



Model	Force Value (mm)	Tightening Torque (mm)	Thickness (mm)	Weight (g)	Package (pcs)
XM-KZD-T-2141	3.0	10	4	340	30
XM-KZD-T-4182	4.5	20	6	540	30
XM-KZD-T-82144	5.0	30	8	830	20

—Fastener Series

Nuts



Practical application

- Fast and effective fixation of tube bundle to tube bundle lock.
- It can cooperate with channel steel buckle plate to install support and hanger to increase flexibility.
- The bottom of the nut is provided with anti-skid protrusions, which can effectively prevent slippage and prevent slippage.
- Suitable for various specifications of screw and bolt.



Technology

- Material: Self-locking nuts are produced according to DIN6923 standard.
- Zinc plating: electrogalvanized, 8 μ m thickened, produced in accordance with GB T 9799 standard.
- Other anti-corrosion treatment: hot dip galvanized, stainless steel.



Model	Name	Weight (g)	Package (pcs)
XM-KZD-T-M8	Nut M8	7	200
XM-KZD-T-M10	Nut M10	13	200
XM-KZD-T-M12	Nut M12	19	200
XM-KZD-T-M16	Nut M16	50	100

Hex bolts



Technology

- Material: 8.8g is produced according to DIN933 standard.
- Zinc plating: electrogalvanized, thickened by 8 μ m, produced in accordance with GBT9799 standard.
- Other anti-corrosion treatment: hot dip galvanized, stainless steel.



Model	Name	Weight (g)	Package (pcs)
XM-KZD-T-M8-25	Hex bolts M8*25	20	300
XM-KZD-T-M8-30	Hex bolts M8*30	23	300
XM-KZD-T-M10-25	Hex bolts M10*25	25	200
XM-KZD-T-M10-30	Hex bolts M10*30	28	200
XM-KZD-T-M12-25	Hex bolts M10*25	35	200
XM-KZD-T-M12-30	Hex bolts M10*30	40	200

—Fastener Series

Hex nuts



Technology

- Material: 8.8g is produced according to DIN934 standard.
- Zinc plating: electrogalvanized, 8 μ m thickened, produced in accordance with GB T 9799 standard.
- Other anti-corrosion treatment: hot dip galvanized, stainless steel.



Model	Name	Weight (g)	Package (pcs)
XM-KZD-HN-M8	Hex nuts M8	2.5	300
XM-KZD-HN-M10	Hex nuts M10	12	300
XM-KZD-HN-M12	Hex nuts M12	18	200
XM-KZD-HN-M16	Hex nuts M16	34	200
XM-KZD-HN-M20	Hex nuts M20	62	200

Screw joint



Technology

- Material: Produced according to DIN6334 standard. you
- Zinc plating: electrogalvanized, 8 μ m thickened, produced in accordance with GB T 9799 standard.



Model	Name	Weight (g)	Package (pcs)
XM-KZD-SJ-M8	Screw joint M8	40	200
XM-KZD-SJ-M10	Screw joint M12	58	100
XM-KZD-SJ-M12	Screw joint M16	110	100

—Fastener Series

Screw



Technology

- Material: Produced according to DIN975 standard.
- Zinc plating: electrogalvanized, 8μm thickened, produced in accordance with GB T 9799 standard.
- Other anti-corrosion treatment: hot dip galvanized.



Model	Name	Weight (g)	Package (pcs)
XM-KZD-SM8-4.8	Screw M8	960	20
XM-KZD-SM10-4.8	Screw M10	1450	20
XM-KZD-SM12-4.8	ScrewM12	2060	20
XM-KZD-SM16-4.8	Screw M16	3780	10
XM-KZD-SM20-4.8	Screw M20	2000	10

Expansion Bolt



Technology

- Material: Carbon steel Q235 is used.
- Zinc plating: electrogalvanized, 8μm thickened, produced in accordance with GB T 9799 standard.
- Other anti-corrosion treatment: hot dip galvanized.



Model	Specification	Buried Depth (mm)	Force Value		Weight g	Package pcs
			Pull Force	Shear force		
XM-KZD-NS	M10*40	40	5.3	4.8	30	500
XM-KZD-NS	M12*50	50	7.3	8.3	44.8	500

— Tube Bundle Series

P Type Pipe Clamp



Practical application

- Suitable for installation of medium and light pipes.
- Used to fix the pipe on the cross brace channel steel.
- The multi-tube combined bracket is suitable for flat installation at the bottom of the pipeline.



Structural appearance

- Two-piece split design, fixed installation of pipe at any position.
- Design close to the shape of the pipeline, leaving more space for the laying of the pipeline.



Installation

- Snap into the C-shaped steel opening at any position, rotate 90 degrees to connect with the C-shaped steel, and then lock it with a bolt to complete the installation.



Technology

- Material: Q235B.
 - Zinc plating: electro-galvanized, thickened by 8µm and closed.
- Produced according to GB T 9799 standard.
- Other anti-corrosion treatment: hot dip galvanized, epoxy spray.



Model	Pipe Outer Diameter D(mm)	Thickness (mm)	Bolt Specifications
XM-KZD-PPC-15	15.00	1.50	M6
XM-KZD-PPC-18	17.00	1.50	M6
XM-KZD-PPC-22	21.00	1.50	M6
XM-KZD-PPC-25	25.00	1.50	M6
XM-KZD-PPC-28	27.00	1.50	M6
XM-KZD-PPC-30	30.00	1.50	M6
XM-KZD-PPC-35	34.00	1.50	M6
XM-KZD-PPC-38	38.00	1.50	M6
XM-KZD-PPC-42	42.00	1.50	M6
XM-KZD-PPC-44	45.00	1.50	M6
XM-KZD-PPC-48	48.00	1.50	M6
XM-KZD-PPC-54	54.00	1.50	M6
XM-KZD-PPC-57	57.00	1.50	M6

— Tube Bundle Series

P Type Pipe Clamp



Practical Application

- Suitable for installation of medium and light pipes.
- Used to fix the pipe on the cross brace channel steel.
- The multi-tube combined bracket is suitable for flat installation at the bottom of the pipeline.



Structural Appearance

- Two-piece split design, fixed installation of pipe at any position.
- Design close to the shape of the pipeline, leaving more space for the laying of the pipeline.



Installation

- Snap into the C-shaped steel opening at any position, rotate 90 degrees to connect with the C-shaped steel, and then lock it with a bolt to complete the installation.



Technology

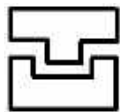
- Material: Q235B.
 - Zinc plating: electro-galvanized, thickened by 8μm and closed.
- Produced according to GB T 9799 standard.
- Other anti-corrosion treatment: hot dip galvanized, epoxy spray.



Model	Pipe Outer Diameter D(mm)	Thickness (mm)	Bolt Specifications
XM-KZD-PPC-60	60.00	2	M8
XM-KZD-PPC-64	64.00	2	M8
XM-KZD-PPC-70	70.00	2	M8
XM-KZD-PPC-76	76.00	2	M8
XM-KZD-PPC-80	80.00	2	M8
XM-KZD-PPC-89	89.00	2	M8
XM-KZD-PPC-102	102.00	2.5	M10
XM-KZD-PPC-108	108.00	2.5	M10
XM-KZD-PPC-114	114.00	2.5	M10
XM-KZD-PPC-133	133.00	2.5	M10
XM-KZD-PPC-159	159.00	2.5	M10
XM-KZD-PPC-168	168.00	2.5	M10
XM-KZD-PPC-219	219.00	3	M10
XM-KZD-PPC-273	273.00	3	M10
XM-KZD-PPC-324	324.00	3	M10
XM-KZD-PPC-356	356.00	3	M10

— Tube Bundle Series

Ohm Tube Clamp



Practical Application

- Suitable for pipeline installation between DN100-DN350.
- Used to fix the pipe on the cross brace channel steel.
- Multi-tube combined bracket, suitable for flat installation at the bottom of the pipeline.



Structural Appearance

- Ohm shape monolithic tube clamp.
- Bolt on both sides.



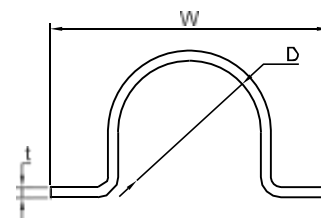
Installation

- Just buckle the pipe clamp on the pipe and the bolts on both sides can be locked.
- No need for screw and tube buckle pads.
- The diameter of the fixed pipe cannot be adjusted.



Technology

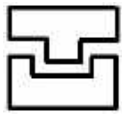
- Material: Q235B, produced according to DIN EN10025 standard.
- Galvanized: electro-galvanized, sealed after 8μm thickening, press Produced according to GB T 9799 standard.
- Other anti-corrosion treatment: hot dip galvanized, epoxy spray.



Model	Pipe Outer Diameter D mm	Size W*T(mm)	Board Width mm	Bolt Specifications	Package pcs
XM-KZD-OP-114	114	198*6	40	M12	5
XM-KZD-OP-139	139	241*6	40	M12	5
XM-KZD-OP-168	168	270*6	40	M12	5
XM-KZD-OP-219	219	321*6	40	M12	5

— Tube Bundle Series

U Pipe Clamp



Practical Application

- Suitable for single pipe installation with screw suspension.
- Easy to fix the anti-vibration diagonal brace.
- Effectively transfer seismic loads.



Structural Appearance

- Upper hanger design, lower U-tube clamp design.
- Optimized anti-vibration energy dissipation shape.



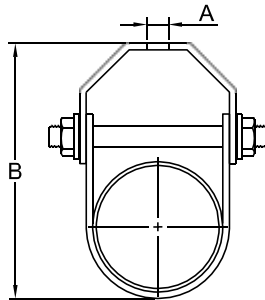
Installation

- The upper tube bundle is fixed through the screw.
- The lower tube bundle fixes the pipeline.
- The bolt penetrates the upper and lower parts of the connection.



Technology

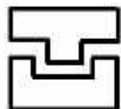
- Material: Q235B, produced according to DIN EN10025 standard.
- Galvanized: electro-galvanized, sealed after 8μm thickening, press Produced according to GB T 9799 standard.
- Other anti-corrosion treatment: hot-dip key breaking, epoxy spraying.



Model	Pipe Outer Diameter D(mm)	Up-Thickness mm	Down-Thickness mm	Stud	Hanging Aperture A mm	B (mm)	Weight kg
XM-KZD-U21	21.3	3	3	M6*50	11	73	0.140
XM-KZD-U27	26.7	3	3	M6*55	11	80	0.153
XM-KZD-U34	33.4	3	3	M6*65	11	84	0.166
XM-KZD-U42	42.2	3	3	M6*75	11	95	0.188
XM-KZD-U48	48.3	3	3	M6*80	11	103	0.205
XM-KZD-U60	60.3	3	3	M6*90	11	114	0.232
XM-KZD-U75	75	4.5	4.5	M10*120	13	140	0.500
XM-KZD-U89	88.9	4.5	4.5	M10*130	13	155	0.560
XM-KZD-U114	114.3	6	4.5	M10*160	17	193	0.768
XM-KZD-U141	141.3	6	4.5	M12*190	17	225	0.950
XM-KZD-U168	168.3	6	4.5	M12*220	20	254	1.384
XM-KZD-U219	219.1	6	4.5	M16*280	20	324	1.912
XM-KZD-U273	273.1	6	6	M20*350	22	435	4.164
XM-KZD-U323	323.9	6	6	M10*400	22	475	4.723

— Tube Bundle Series

Double bolt pipe clamp



Practical Application

- It is used for the connection of single pipe hoisting and anti-seismic fittings, and the site construction is fast and safe.



Structural Appearance

- The structure is simple and practical, and the installation is quick.
- The material is widened, and it is more stable when used in special conditions.



Installation

- Applicable to small installation space.
- Need to be used in pairs, please consult the engineer for details.
- Cooperate with the installation of hinge joints to complete the requirements of earthquake resistance.



Technology

- Material: Q235B, produced in accordance with JIS G 3131 standard.
- Galvanized: Electro-galvanized, thickened by 8μm and then closed, produced in accordance with GB T 9799 standard.
- Other anti-corrosion treatment: hot dip galvanized, epoxy spray.



Model	Hoop Range mm	Load Force KN	Tightening Torque NM	Thickness mm	Weight kg
XM-KZD-U15	17-20	4.6	50	6	200
XM-KZD-U20	21-27	4.6	50	6	222
XM-KZD-U25	33-35	4.6	50	6	306
XM-KZD-U32	42-45	4.6	50	6	383
XM-KZD-U40	44-48	4.6	50	6	410
XM-KZD-U50	57-61	4.6	50	6	463
XM-KZD-U65	75-79	4.6	50	6	623
XM-KZD-U80	88-90	4.6	50	6	655
XM-KZD-U100	110-114	4.6	50	6	840
XM-KZD-U125	135-140	4.6	50	6	975
XM-KZD-U150	165-170	4.6	50	6	1140

— Tube Bundle Series

Standard tube bundle



Practical Application

- Applicable to fire pipes, HVAC channels, spray water pipes, hot water pipes, water supply and drainage pipes and other process pipes below DN80.
- Easy installation, can be connected with the channel steel system to form a complete gas pipeline support system.



Structural Appearance

- Two locking bolts to facilitate fine-tuning of pipe size specifications.
- EPDM rubber liner with vibration damping and sound insulation fruit.
- High-strength tube bundle design helps improve the rigidity of the material.



Installation

- Open the bolt at one end and place the pipe into the pipe bundle.
- Connect the tube bundle and tube bundle buckle pad through the screw to fix it to the channel steel.



Technology

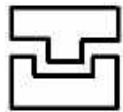
- Material: Inert rubber inner liner EPDM, STW22 steel is produced according to DIN EN 10111 standard.
- Working temperature: -40oC-110oC.
- Noise reduction index: 15dB (A).
- Recommended design load: max F = 2kN.



Model	Hoop Range	Thickness	Width	Screw Joint	Bolt Specifications	Package pcs
XM-KZD-RC-17-19	17-19	1.50	20.00	M10+M8	M5*15	100
XM-KZD-RC-20-21	20-21	1.50	20.00	M10+M8	M5*15	100
XM-KZD-RC-23-25	23-25	1.50	20.00	M10+M8	M5*15	100
XM-KZD-RC-26-27	26-27	1.50	20.00	M10+M8	M6*20	100
XM-KZD-RC-30-32	30-32	1.50	20.00	M10+M8	M6*20	100
XM-KZD-RC-33-34	33-34	1.50	20.00	M10+M8	M6*20	100
XM-KZD-RC-35-38	35-38	1.50	20.00	M10+M8	M6*20	50
XM-KZD-RC-39-43	39-43	1.50	20.00	M10+M8	M6*20	50
XM-KZD-RC-44-48	44-48	1.50	20.00	M10+M8	M6*20	50
XM-KZD-RC-45-51	45-51	1.50	20.00	M10+M8	M6*20	50
XM-KZD-RC-55-61	55-61	1.50	20.00	M10+M8	M6*20	75
XM-KZD-RC-59-64	59-64	1.50	20.00	M10+M8	M6*20	75

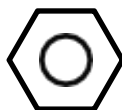
— Tube Bundle Series

Heavy Duty



Practical Application

- Suitable for fire pipes, HVAC pipes, spray pipes, hot water pipes, water supply and drainage pipes and other process pipes below DN200
- Easy installation, can be connected with the channel steel system to form a complete gas pipeline support system.



Structural Appearance

- Two locking bolts to facilitate fine-tuning of pipe size specifications.
- EPDM rubber liner with vibration damping and sound insulation fruit.
- High-strength tube bundle design helps improve the rigidity of the material.



Installation

- Open the bolt at one end and place the pipe into the pipe bundle.
- Connect the tube bundle and tube bundle buckle pad through the screw to fix it to the channel steel.



Technology

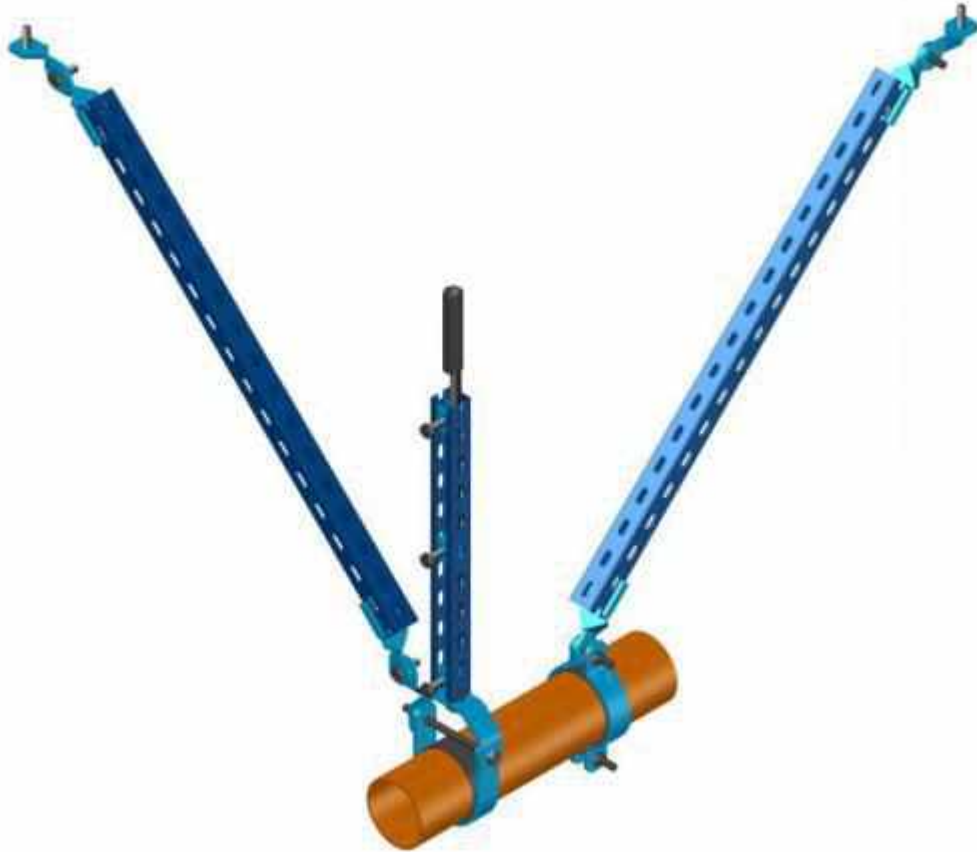
- Material: Inert rubber inner liner EPDM, STW22 steel is produced according to DIN EN 10111 standard.
- Working temperature: -40oC-110oC.
- Noise reduction index: 18dB (A).
- Recommended design load: max F = 3kN.



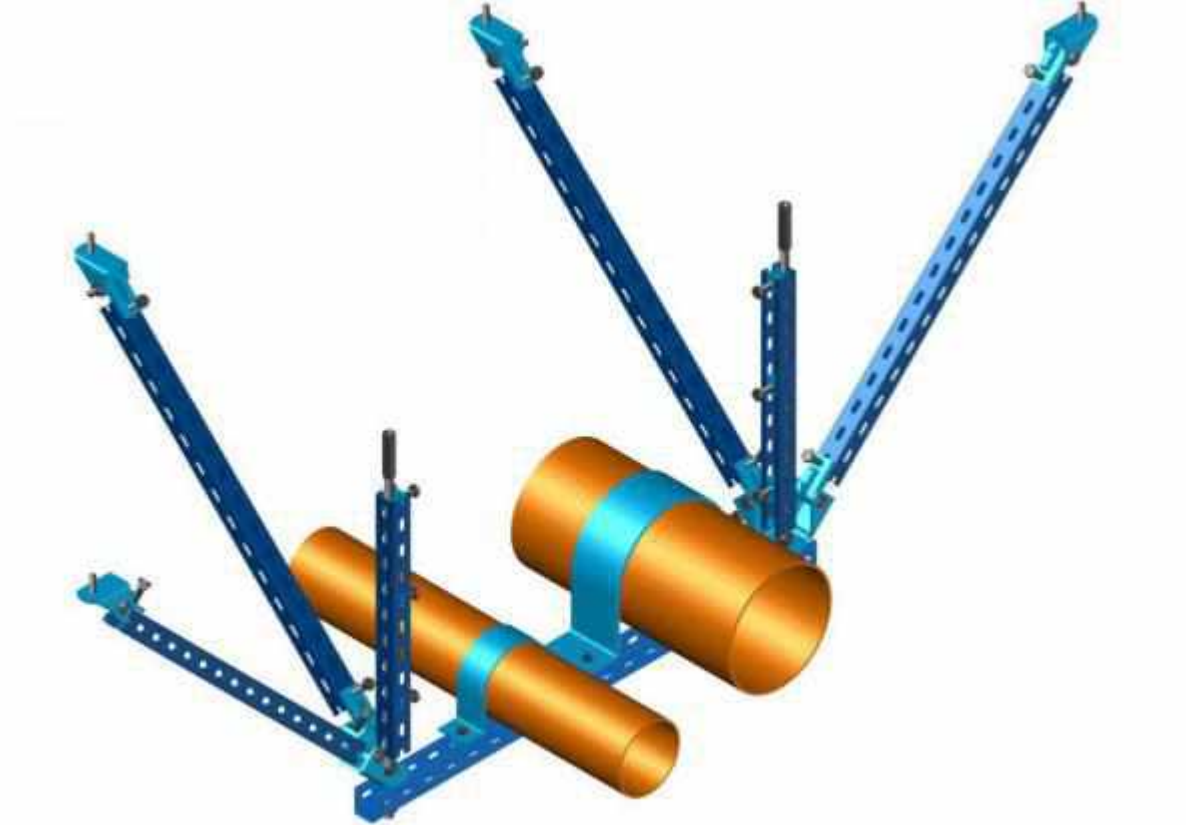
Model	Hoop Range	Thickness	Width	Screw Joint	Bolt Specifications	Package pcs
XM-KZD-MI48-51	48-51	2.0	25.00	M12+M10	M6*20	10
XM-KZD-MI68-76	68-76	2.0	25.00	M12+M10	M6*20	10
XM-KZD-MI88-95	88-95	2.0	25.00	M12+M10	M6*20	25
XM-KZD-MI100-108	100-108	2.0	25.00	M12+M10	M10*40	40
XM-KZD-MI110-114	110-114	2.0	30	M12+M10	M10*40	25
XM-KZD-MI121-127	121-127	2.0	30	M12+M10	M10*40	5
XM-KZD-MI139-142	139-142	2.0	30	M12+M10	M12*40	5
XM-KZD-MI152-160	152-160	2.0	30	M12+M10	M12*40	5
XM-KZD-MI165-170	165-170	2.0	30	M12+M10	M12*40	5
XM-KZD-MI207-219	207-219	2.0	40	M12+M10	M12*60	5

—Application

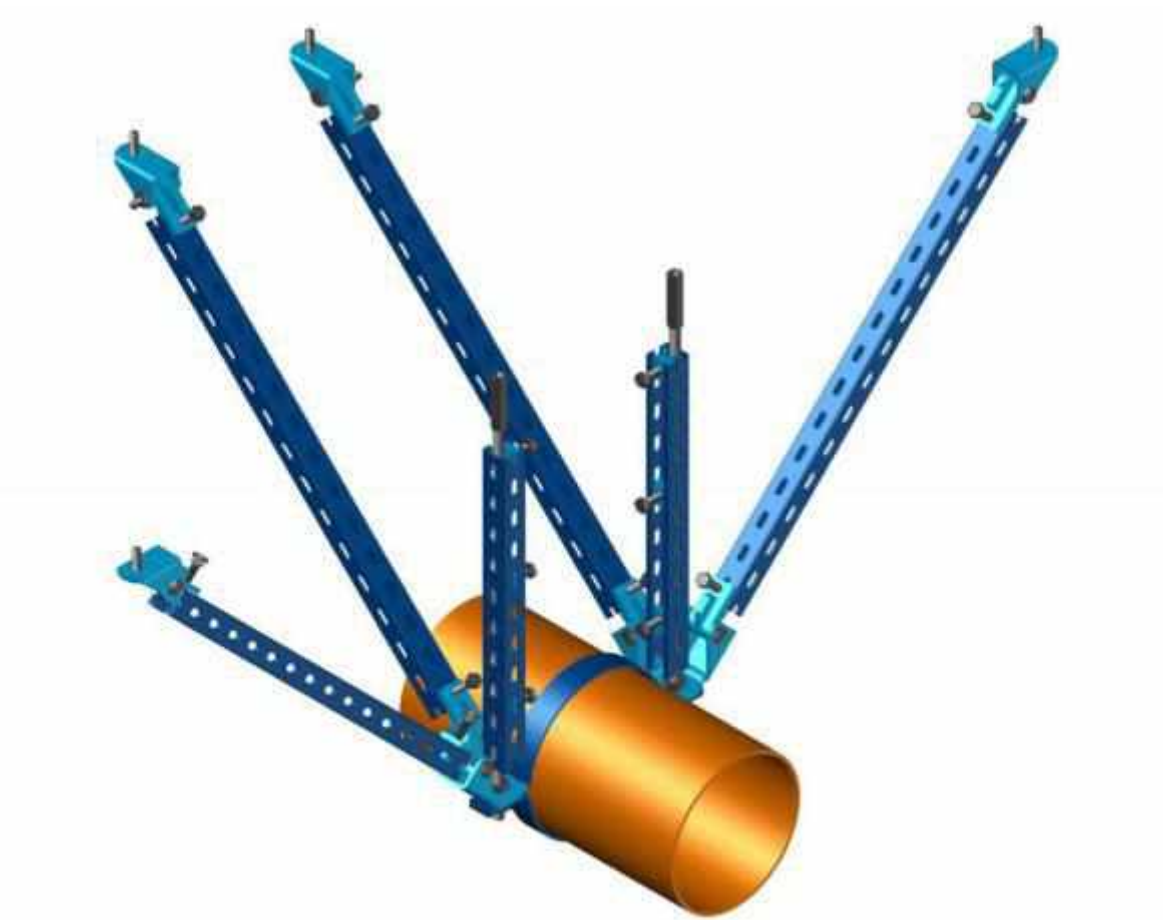
Water Pipe Preliminary + Lateral Support



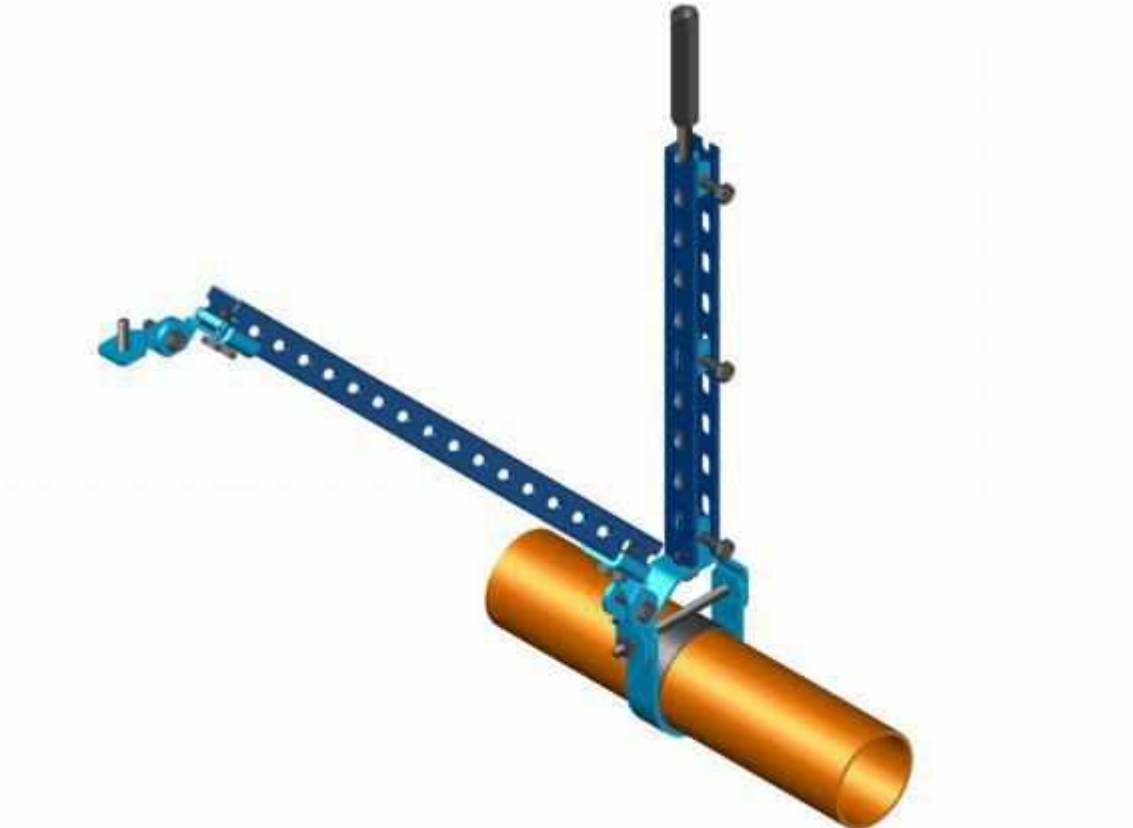
Double Pipe Longitudinal + Lateral Support



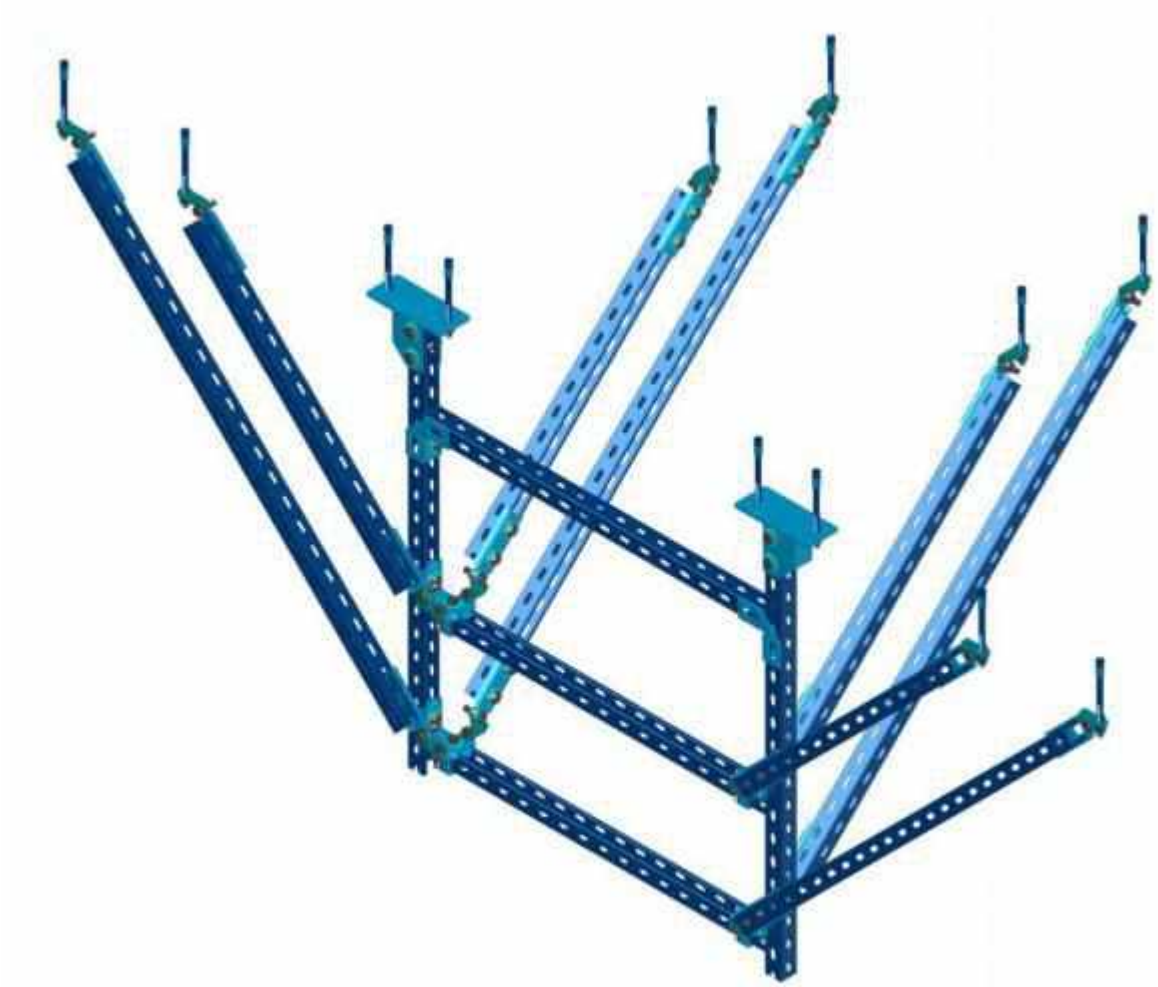
Single Pipe Longitudinal + Lateral Support



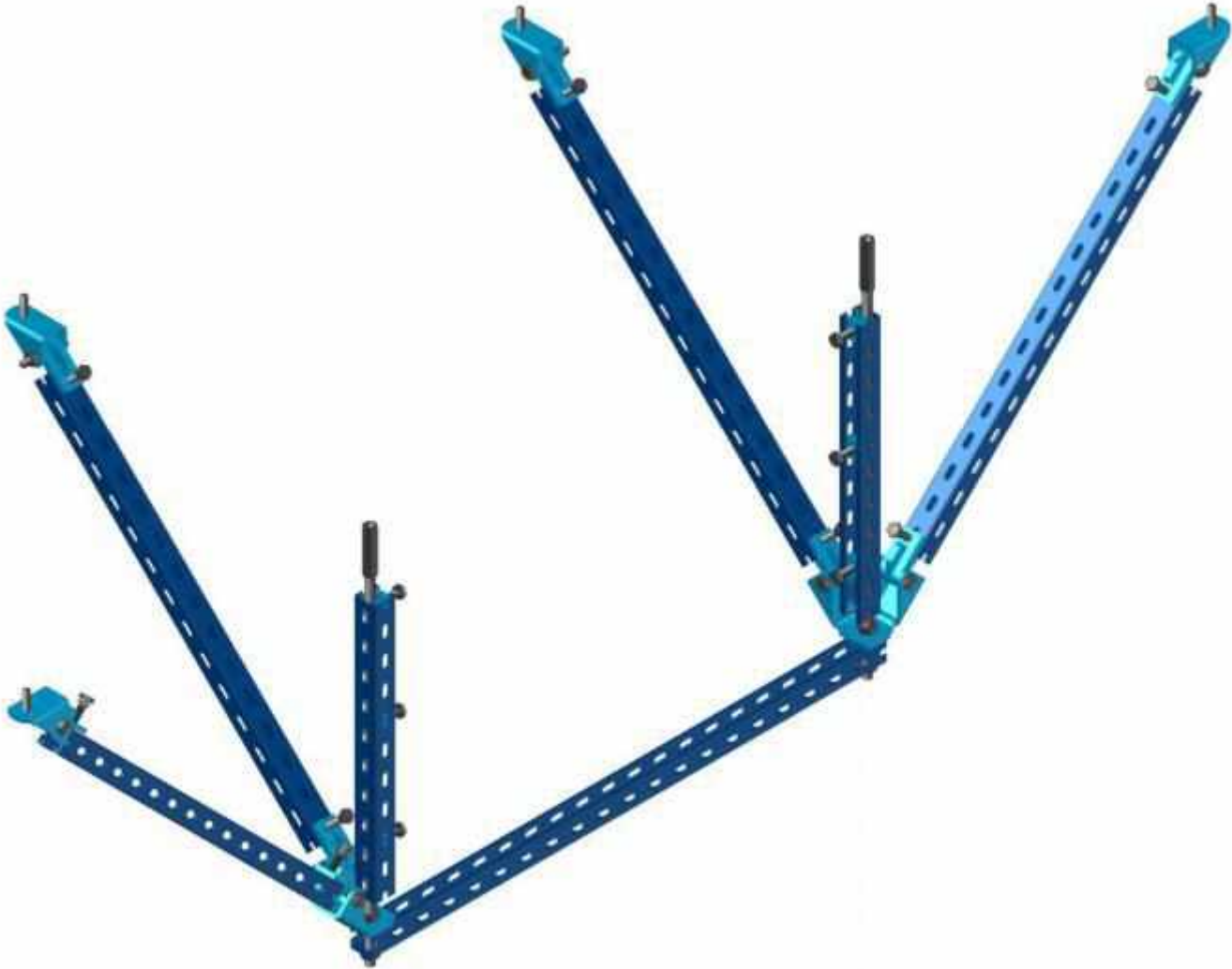
Single Lateral Support



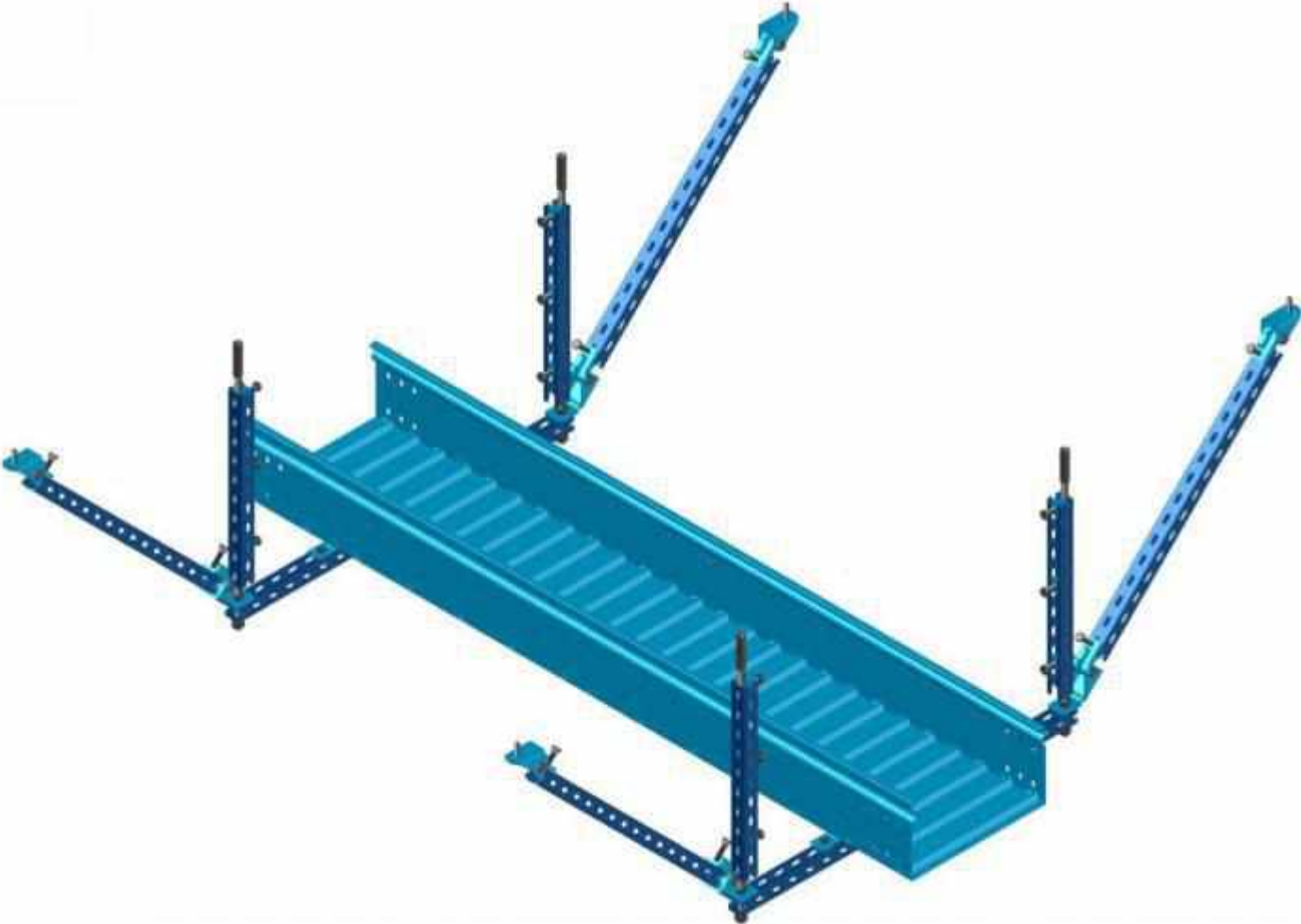
Pipeline Integrated Double-Layer Lateral + Longitudinal Support



Lateral + Longitudinal Paired Support

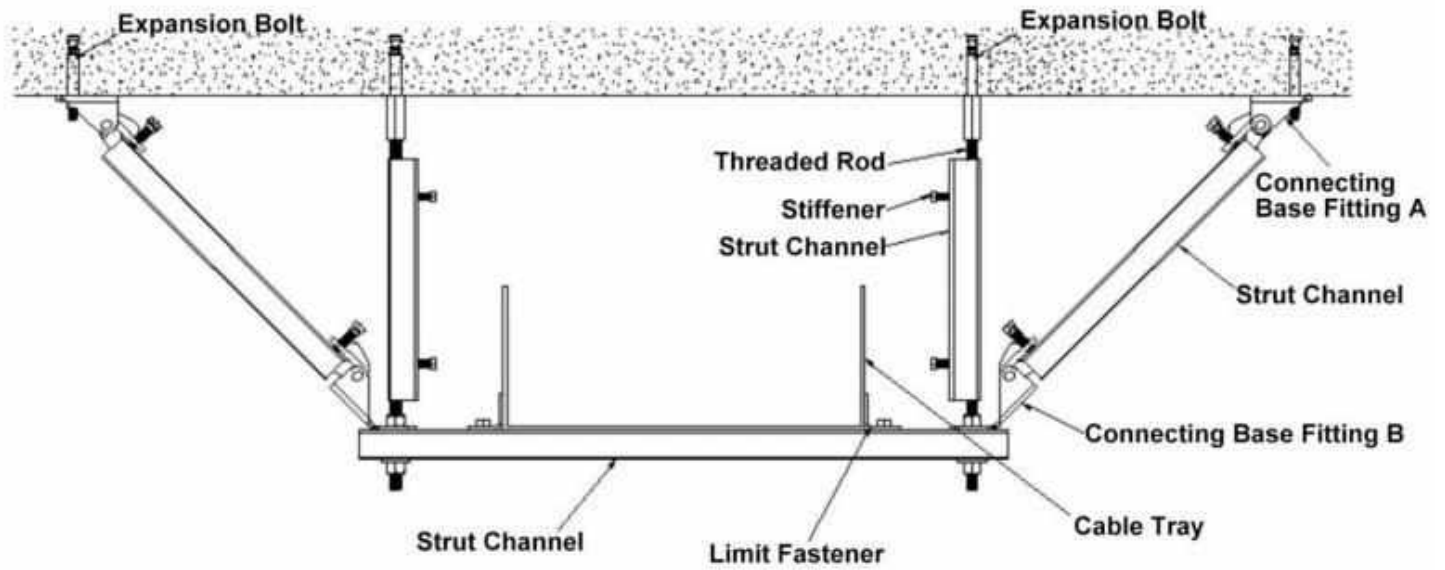


Double Lateral Support

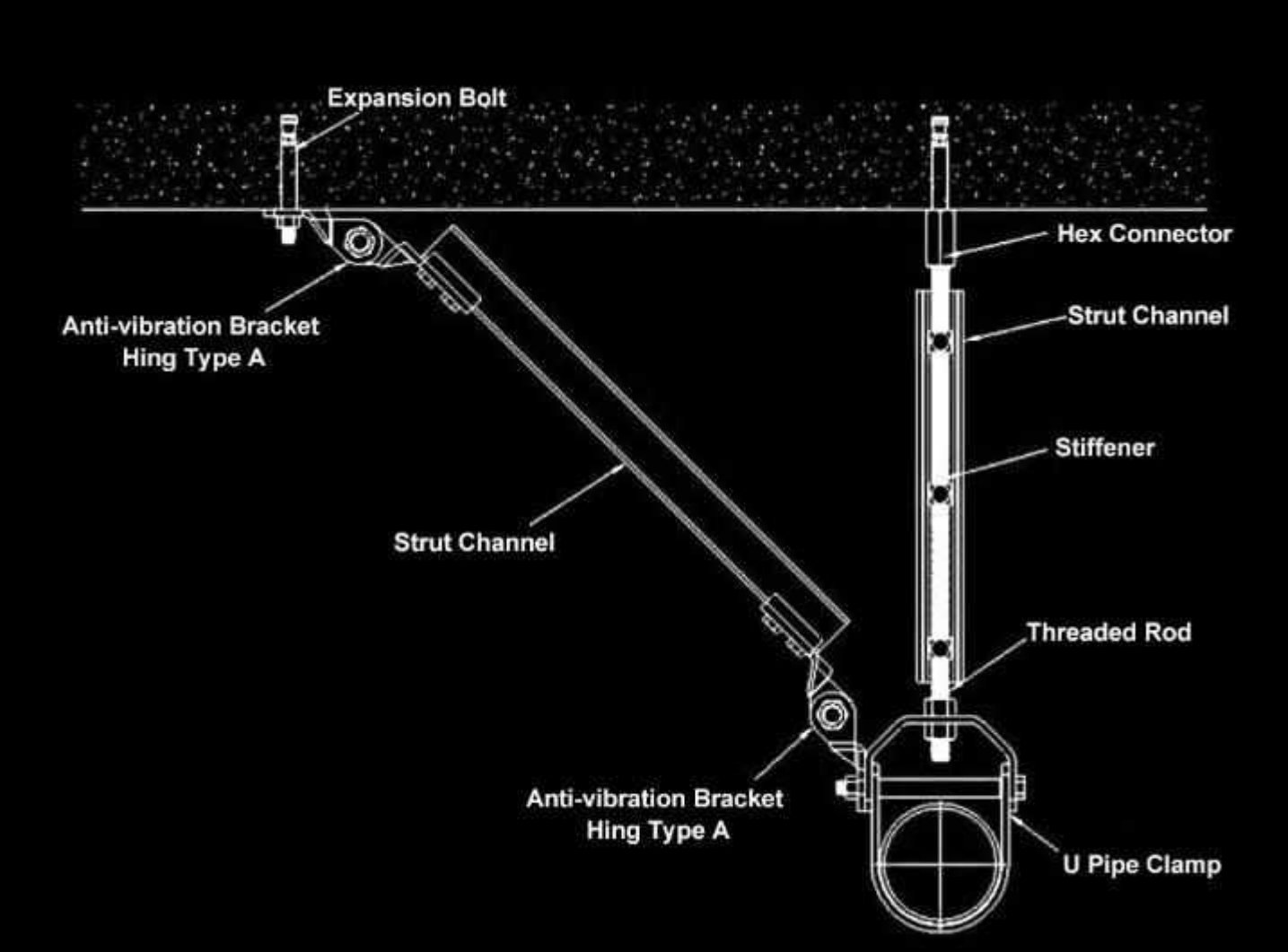


— Installation

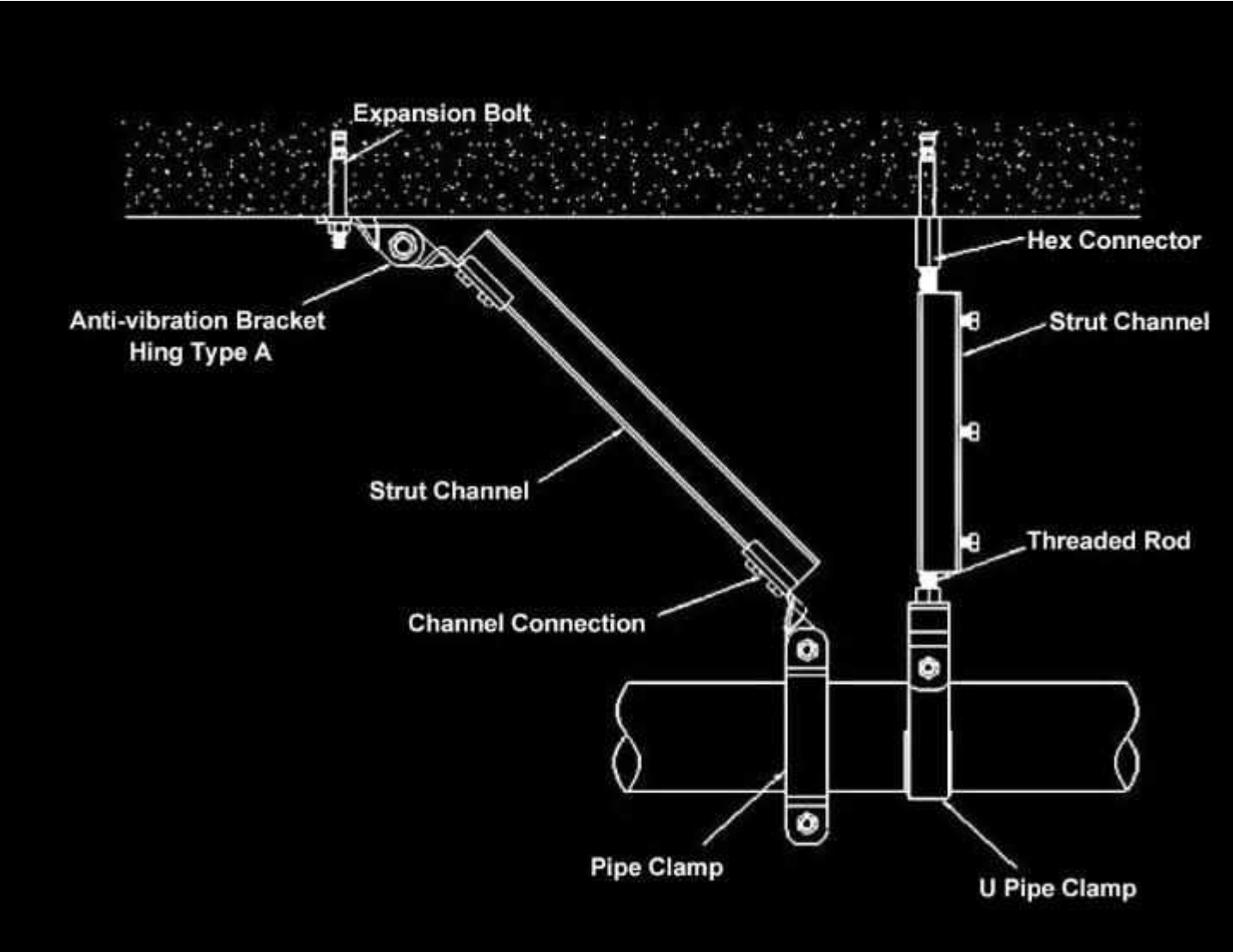
Cable Tray Bracket Installation



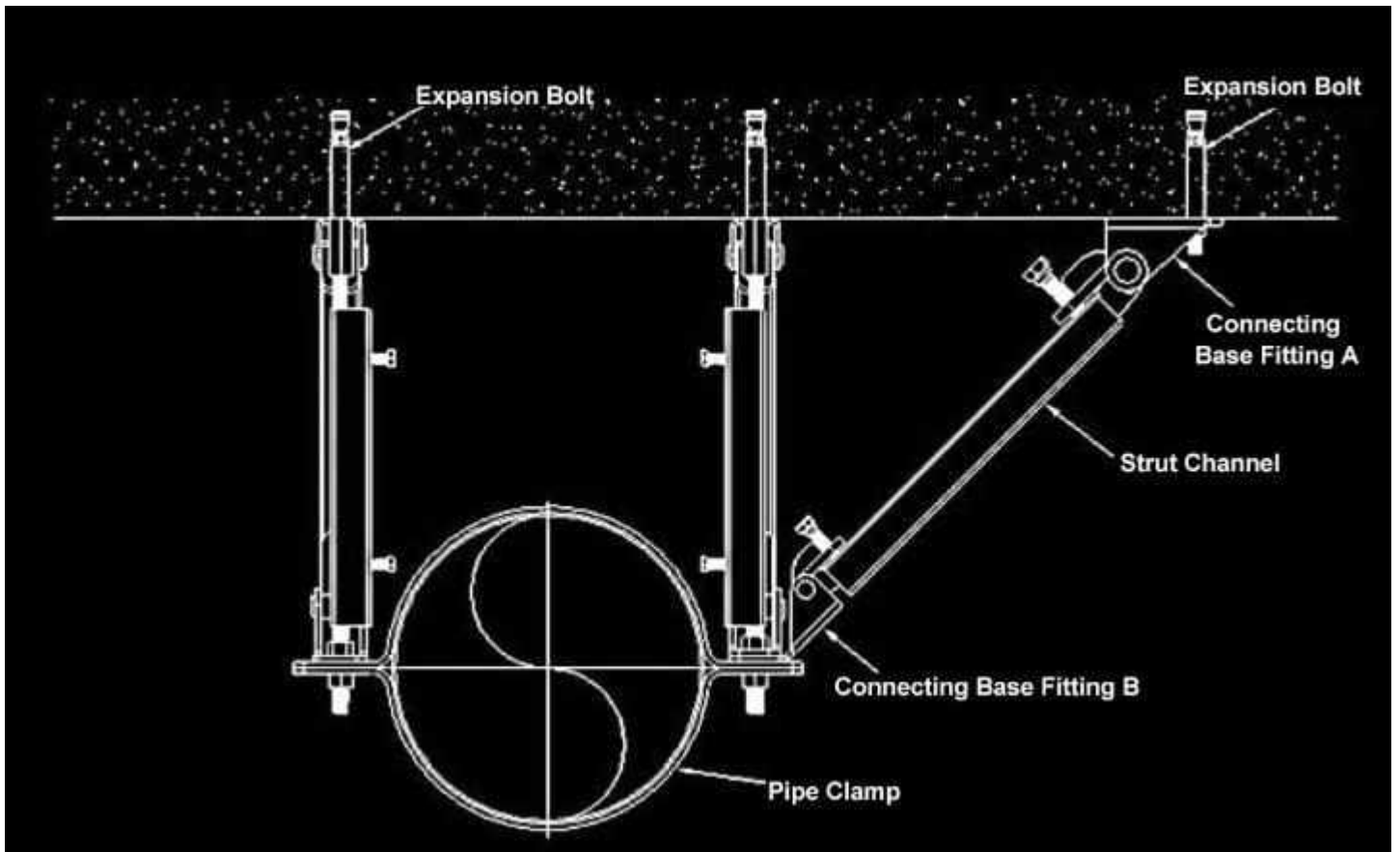
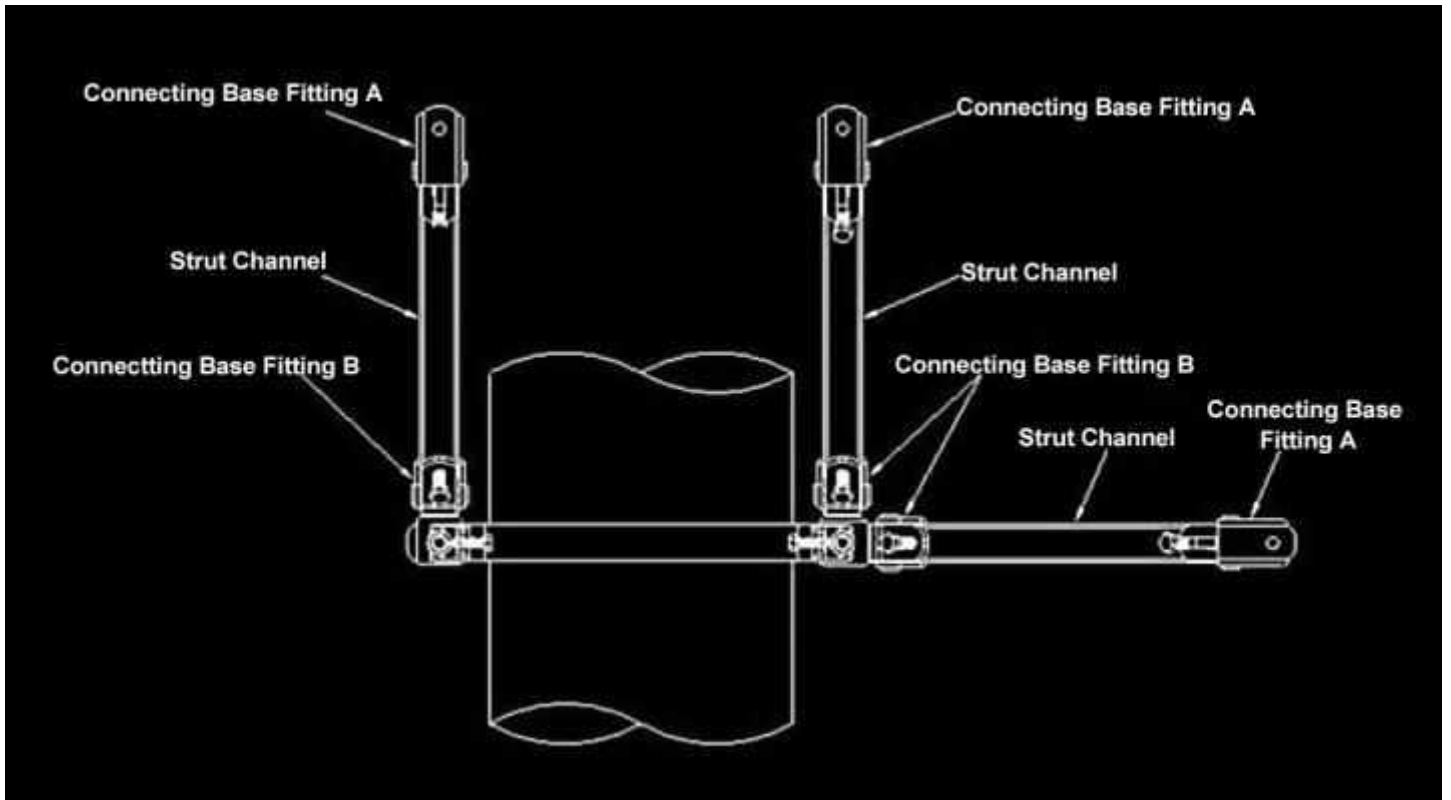
Single lateral support



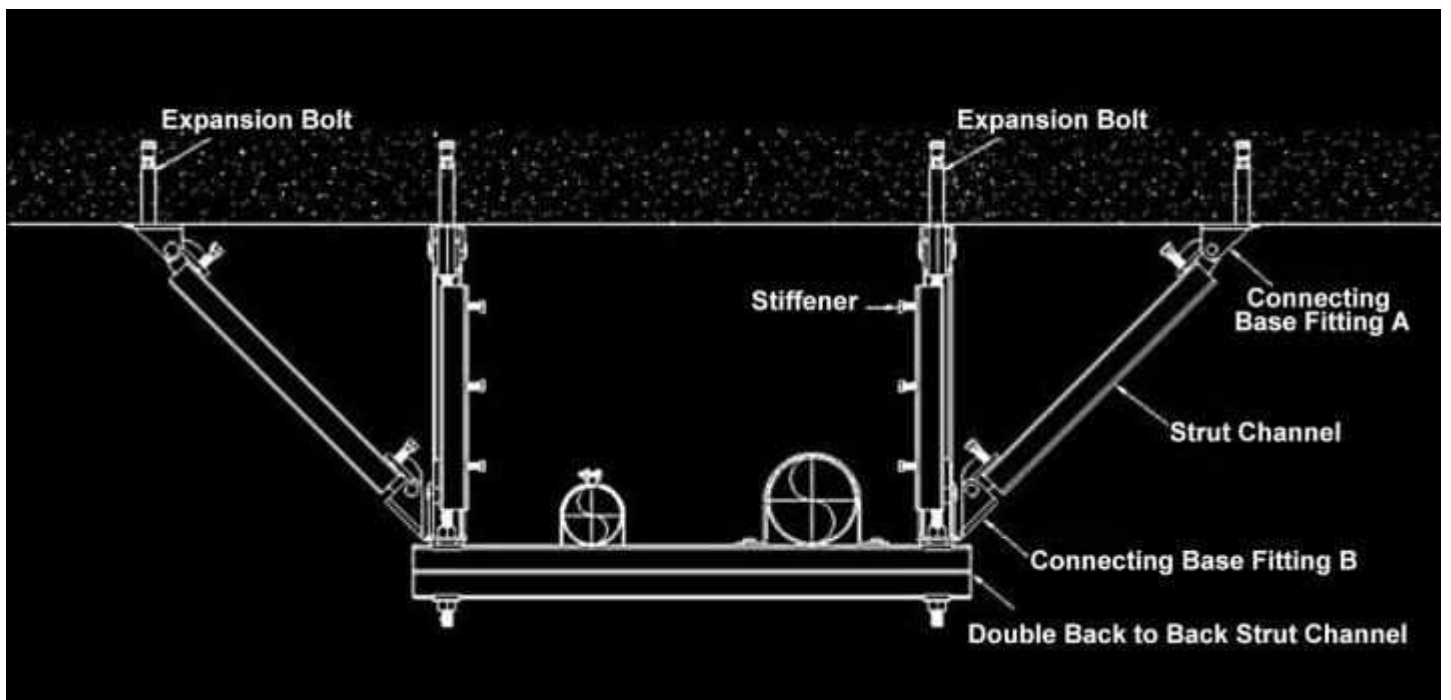
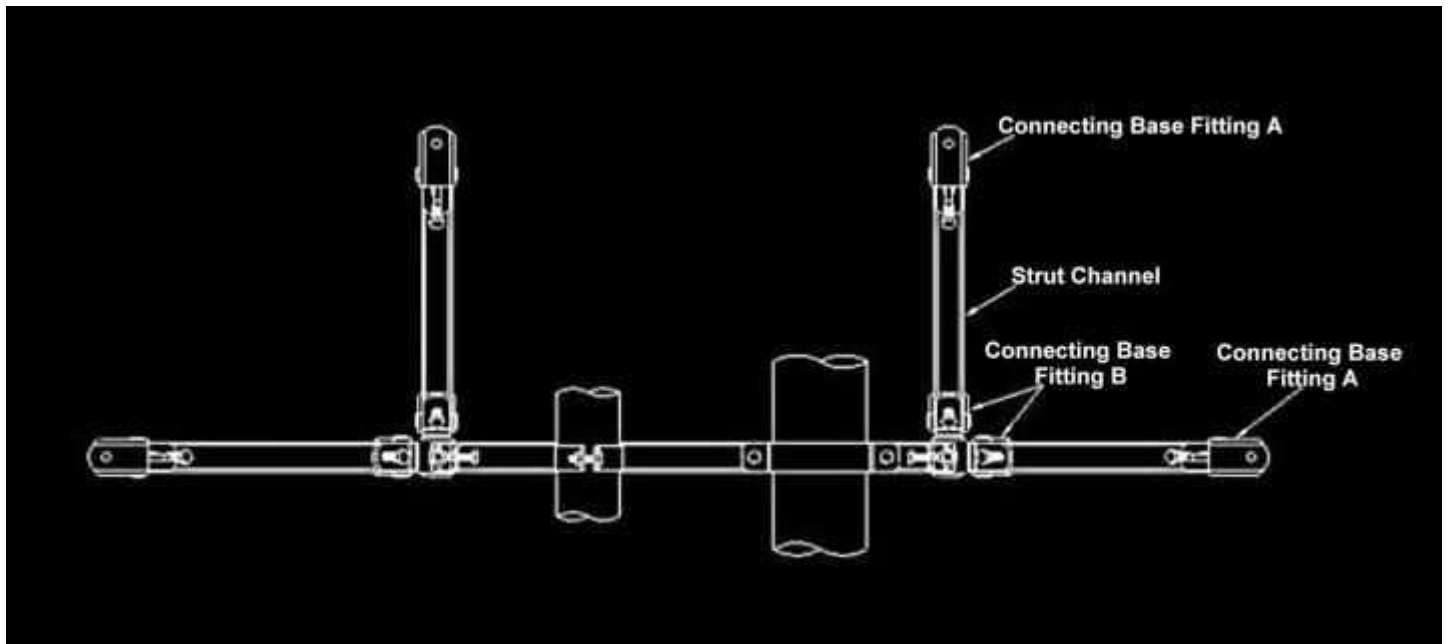
Pipe Longitudinal Support



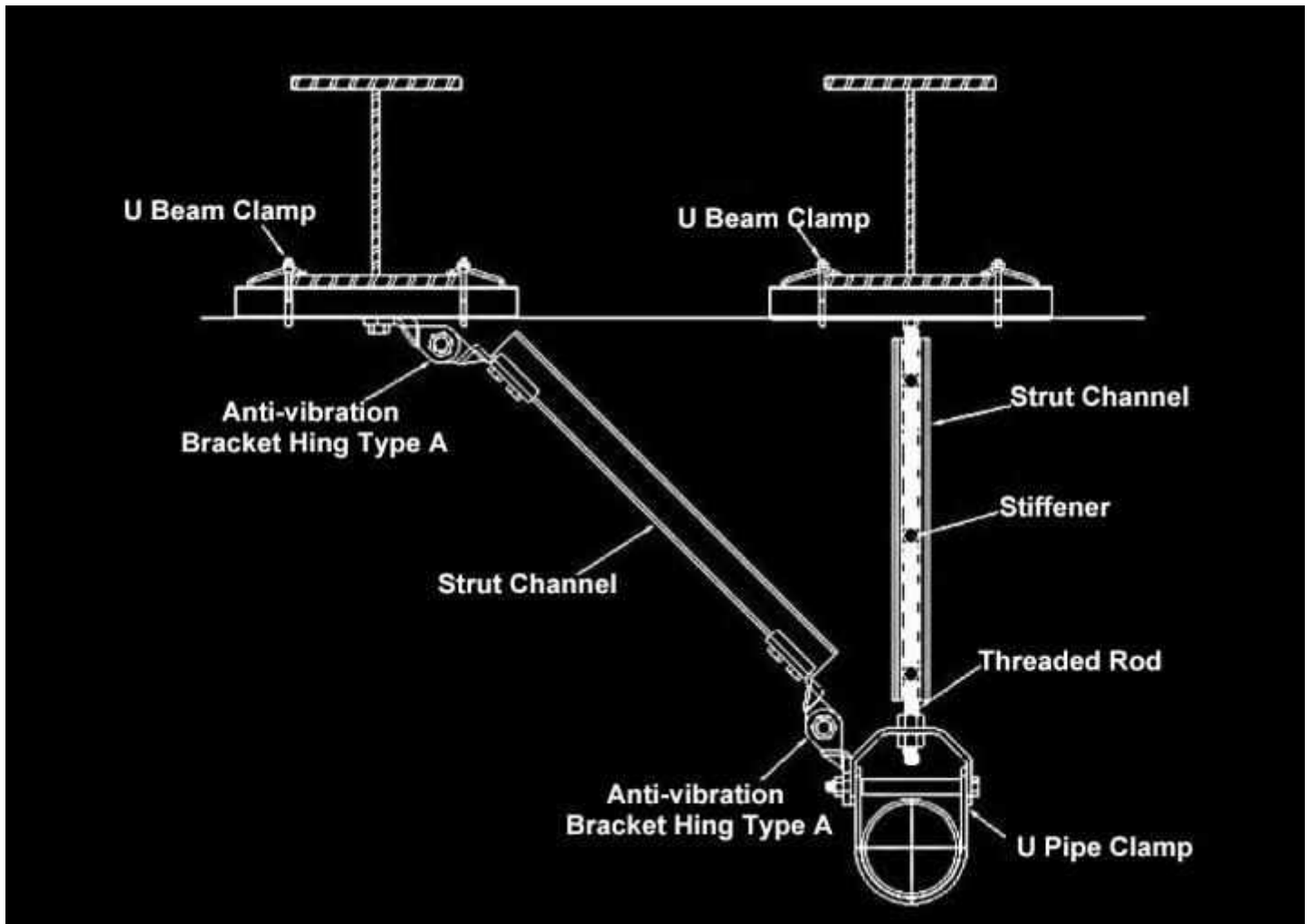
Pipe Longitudinal and Lateral Support



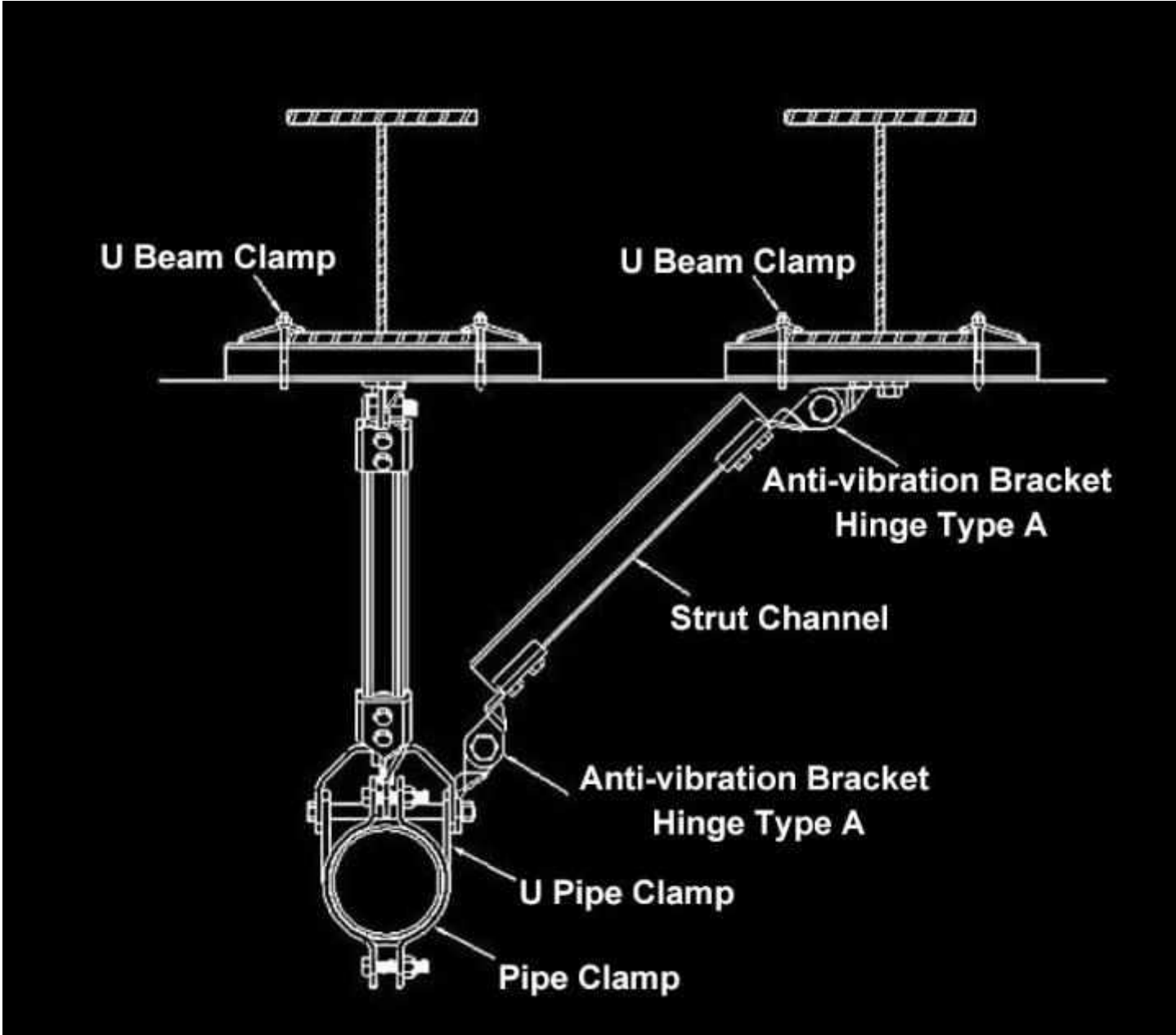
Longitudinal and Lateral Support of Multiple Pipes



Lateral Support



Pipe Lateral and Longitudinal Support



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